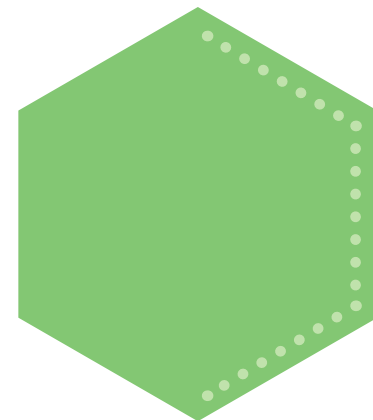
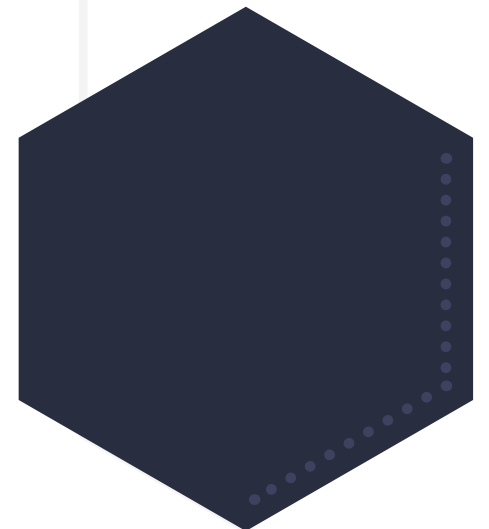
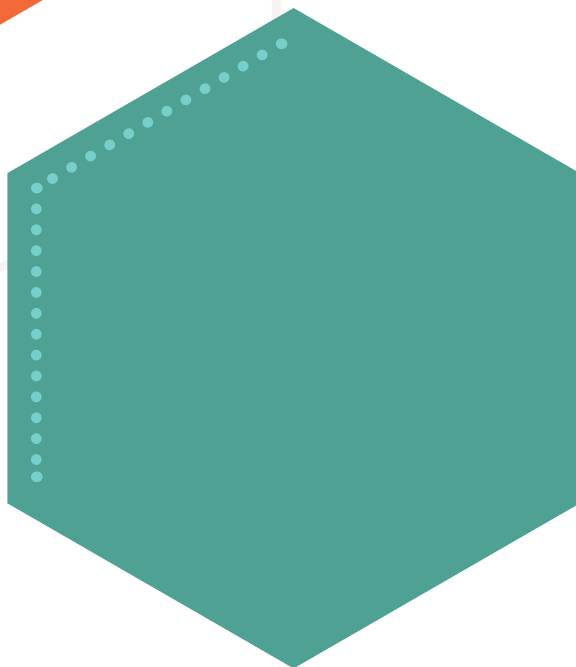
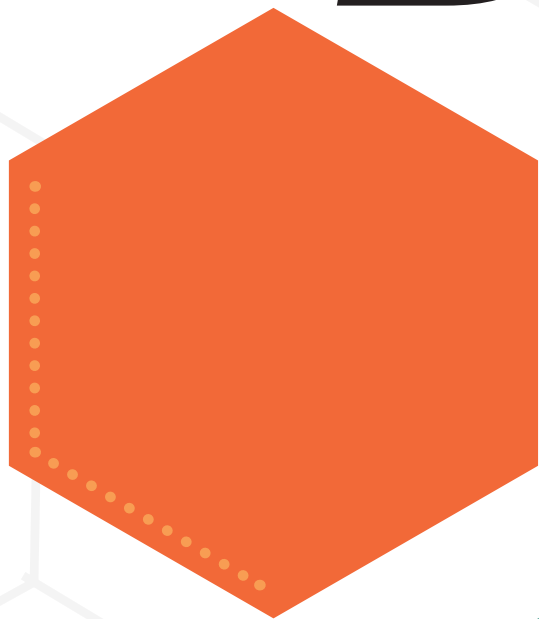


ADOPTED BUDGET

CITY OF TROY | 2016/2017

Budget



CITY OF TROY | 2016/2017

Budget

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MANAGER'S MESSAGE



Dear Mayor and City Council Members:

We began 2016 with a simple resolve, that now is the time for the City of Troy to break bad. This decision has elevated daily performance by redefining our identity, examining the process, strengthening our environment, and confounding expectations. Having found the balance in 2015, we are ready to capitalize on our bold position and to lead the region in doing government the best.



*City administration's
cornerstone policy
is one of openness
and inclusion.*

On November 3, 2015, the voters of Troy overwhelmingly supported the five-year renewal of the dedicated 0.7 Library millage, a result of months of dialogue, planning, and education.

Nearly \$14 million was spent on our major and local roads, once again out-investing at a standard beyond any of our counterparts. Measurable steps were accomplished on initiatives such as the Trails and Pathways and the customer service standards of inTeracTion Troy.

Yet while it is important to take stock of our progress, this budget is not about looking back at the road we have traveled. It is about looking forward. Thus, it is my pleasure, in accordance with the City Charter, to present to you the 2017-2019 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 ten organizational strategies, focused financial decisions on results and action, and involved interaction with our community stakeholders. Budget decisions arise from discussions at the Council-staff and, for the first time, Planning Commission and Downtown Development Authority Retreat.

This exchange is complemented by City Council study sessions. This year's study sessions included:

1. Review of the Public Opinion Survey and inTeracTion Troy
2. City Council Library tour of recent improvements
3. Joint City Council and Planning Commission meeting to discuss:
 - a. The Great Lakes Water Authority
 - b. Trails and Pathways
 - c. Master Plan update
 - d. Proposed amendment to the City of Troy Zoning Ordinance in order to regulate oil and gas extraction facilities
 - e. Transforming Big Beaver Road
 - f. Cluster Development
4. Joint City Council and Downtown Development Authority meeting.



City administration's cornerstone policy is one of openness and inclusion. We achieve this through active engagement with City Council, staff, the Financial Ideas Team, and neighborhood partners. Our strategy incorporates analysis, benchmarking, and long-term projections. This document embodies these standards and the resulting spending plan encourages a balanced approach toward allocating resources.

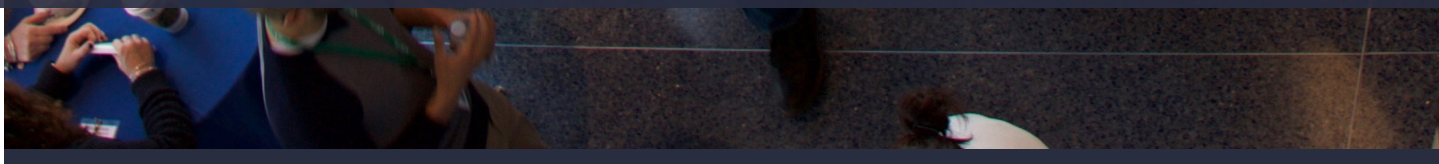
In 2017 total General Fund revenues are budgeted at \$56.971 million, an uptick of \$1.743 million over the previous year. This modest increase can primarily be attributed to State Shared Revenue from reimbursements of lost personal property tax revenues in manufacturing. The General Fund's main source of revenue, property taxes, increased by only 0.4%.

In 1994 Proposal A mandated that taxable value can only increase the rate of inflation or 5%, whichever is less. So although residential tax values have seen significant increases and commercial assessed values have stabilized, the combination creates a basic property tax revenue stagnation. When this minimalist increase is coupled with a \$4.6 billion total tax base, essentially there is no growth. Small gains can be attributed to new construction which do little to move the needle on the total taxable value.

Expenditures, both operating and transfers out, are budgeted at \$59.228 million. This is a decrease of \$1.738 from prior year estimate. In 2016, the elevated expenditures were attributed to an increase in transfer to the Capital Projects Fund for the reconstruction of Fire Station Four (\$3.5 million), Troy Roads Rock (\$6.2 million), and a Fire Pumper Truck (\$585,000). In 2017, \$1.2 million will carry forward for Fire Station. Other 2017 Capital Projects will include \$3.1 million for local roads, \$5.7 million for major roads, and \$3.1 million for Fire Station #4.

The City of Troy continues to practice conservative budgeting management that falls within the established General Fund Fund Balance Policy. The policy states that the General Fund must maintain a minimum unassigned fund balance at a level of 20% to 30% of annual expenditures. The fund balance policy guides us in fiscal decision-making while providing stability and flexibility to respond to unexpected opportunities or economic adversity. Fund balance is used to cover the cost of one time, capital expenditures. The 2017 fund balance honors the policy by projecting 25.6% unassigned fund balance as a percentage of operating expense.

As we prioritize our needs against available resources we are constantly pressured to innovate. Our successes only find fruition when we collectively rise to the challenge and find ways to break the mold.



A group of people are seated around a large, curved, light-colored table in a modern meeting room. The room has a blue wall and a ceiling with recessed lighting. Several people are looking towards the right side of the frame, where a man in a plaid shirt is gesturing with his hand. On the table, there are papers, a water bottle, and some snacks. The overall atmosphere is professional and collaborative.

Retreat 2016

The pledge to break bad didn't begin and end on February 26 and 27, the days of the 2016 Retreat. This retreat was crafted like none before it as members of the Downtown Development Authority and Planning Commission were invited to join City Council and staff leaders in the spirit of growth and collaboration.



The theme, Breaking Bad, began with a simple idea...

The retreat provides a platform to reflect on accomplishments while more importantly, prioritize our opportunities.

The theme, Breaking Bad, began with a simple idea, that “we’ve always done it that way” can no longer be the answer, but the question. A question we must advocate for each day.

This exercise in team building and professional development sets new precedent and when coupled with our Why Statement, direction for where we must go. Our Why Statement reads:

“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.”

This is also the fourth consecutive budget year that we have established top strategies to guide our priorities. But in breaking bad from previous pursuits, this process was more inclusive and as a result, the strategies are more specific and directed.

The strategies represent the collective analysis and consensus of city management based on the feedback from

the 2016 retreat. They are not listed or prioritized in any particular order. These are ten strategies for 2016 that we will accomplish.

1. Create space for a customer service welcome center at the east entrance of City Hall.
2. Redesign the City of Troy website.
3. Review city ordinances to address outdated policies and explore the need for new ordinances.
4. Install recycling elements in city facilities.
5. Link civic center campus with a trail and pathway system.
6. Establish site development design standards to ensure quality.
7. Explore the development of civic center property by conducting a market study and developing a concept plan.
8. Launch the Global Troy Advisory Committee.
9. Enhance the pedestrian crosswalk and transportation shelters at Automation Alley.
10. Partner to establish a Big Beaver transportation service.

BREAKING PROCESS

CITY OF TROY 2016 RETREAT

Breaking Process Financial Ideas Team

Troy values civic engagement and sees it as a key component for making budget decisions. Prior to completing this budget proposal, we twice called upon our Financial Ideas Team (FIT) for consultation.



*The guidance of FIT
is indispensable in
solidifying the 2017
budget resources.*

First, we asked for water rate guidance as we transition from the Detroit Water and Sewage Department and join our regional partners in the Great Lakes Water Authority. We met again to review the ten strategies and their associated budgetary needs. FIT is a selection of 17 Troy residents who together represent varying facets of our exceptional community:

- » Suneel Sekhri (Home Owners Association)
- » Don Edmonds (Planning Commission)
- » Karen Crusse (Planning Commission)
- » Nick Cherasaro (Resident)
- » Sirisha Billa (Teen Advisory Board President)
- » Jim Werpetsinski (Resident)
- » Tom Perring (Altair Engineering)
- » Mike DePoli (Dorean Mayhew)
- » Bruce Macpherson (Blue Cross Blue Shield)
- » Seymour Hudley (Resident)
- » Padma Kuppa (Planning Commission)
- » Cindy Kapala (Resident)
- » Steve Gottlieb (Former Council Member)
- » Paul McCown (Zoning Board of Appeals)
- » Awny Fakhoury (Resident)
- » Genesh Reddy (Mamta Holdings)
- » Ann McDonald-Upton (Detroit Children's Hospital)

Keeping the budget fit, responsible, and easy to understand enhances such cooperation. During

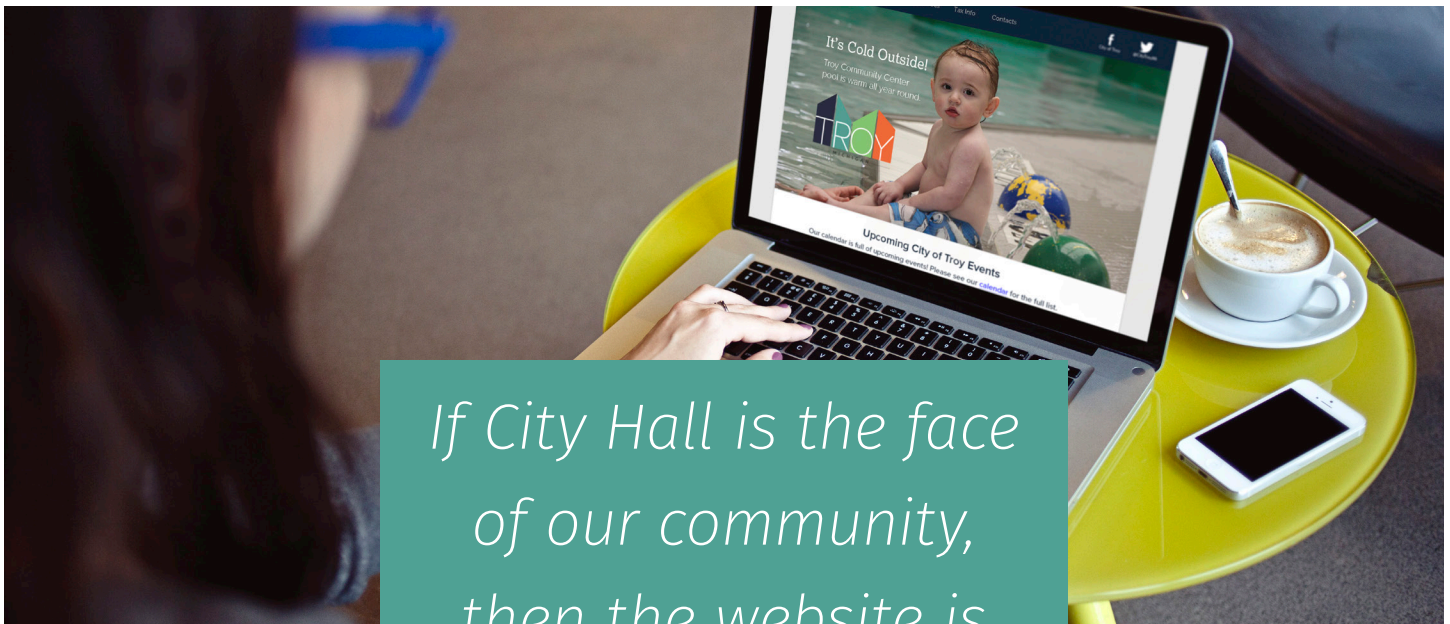
presentations with FIT and City Council we highlighted Troy's AAA Bond Rating and strong financial standing in Oakland County and the State of Michigan. Troy maintains its AAA bond rating as rated by Standard and Poor's Municipal Bond Rating Analysis. Troy receives this rating under a three-year rolling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

The guidance of FIT is indispensable in solidifying the 2017 budget resources. Deliberating on the monetary needs of the 2016 strategies acutely demonstrates how we must work together, seek outside counsel, and develop innovative policy to accomplish our goals.



Breaking Expectations Strategies

The most important change to this year's strategies is concise direction, measurable results, and specific budgetary needs. A focal point of the 2015 retreat and constant hindrance to the principles of inTeracTion Troy, the east entrance of City Hall has been a thorn in the side of customer service.



*If City Hall is the face
of our community,
then the website is
our front door.*

Strategy one dictates the need to create a space for a customer service welcome center at the east entrance of City Hall. This would include a desk, and for the first time ever, a friendly face to greet you when you walk in. No more will our visitors enter and blankly stare at an abundance of arrows, trying to guess which way they go to buy a dog licenses (hint, it's not even in this building!). By allocating \$800,000 in building improvements and \$65,000 for staff, we prove more strongly than ever how important quality service is.

If City Hall is the face of our community, then the website is our front door. Much like the east entrance our website was not built with the user in mind. Under strategy two \$80,000 has been earmarked to redesign the City of Troy website. This redesign will put resident's needs first. A cohesive look for the city, police department, and community center will result in simple navigation that better serves digital needs. Content will reflect real-time changes as staff will be included in website management to prioritize individual department needs.

A strategy that reflects both financial and environmental efficiencies is laid out in strategy four, install recycling

elements in city facilities. Toggled LED Lighting, a Troy-based Automation Alley business, will install \$30,000 worth of LED light bulbs in City Hall. Converting from the energy wasting fluorescent bulbs will result in a savings of \$8,068 annually with a return on investment payback in 2.95 years. Have you been to a Troy park lately? Maybe this summer you'll go to Boulan Park to enjoy a summer concert and for the first time ever, you'll be able to recycle your water bottles! \$20,000 from the parks operating budget will be used to add recycling receptacles at parks while other city facilities will see added recycling options.

In 2015 we routed around roadblocks while pursuing our strategy to implement a trails and pathways plan and increase walkability. Still a major priority for both City Council and staff, we feel it is important to include it as a strategy again in 2016. A more direct task, strategy number five will link civic center campus with a trail and pathway system. By breaking the trail and pathway into smaller subsections, we can more realistically achieve regional connectivity by reacting to unique needs and addressing individual concerns. A multi-year strategy, in 2017 the city has funded \$1,000,000 of this project and will seek \$750,000 in matching grants for a total cost of \$1,750,000.



But what will that civic center campus look like? The first night of the retreat was about breaking identity, specifically the preconceived notions of what the civic center property could be. City Council members, Planning Commissioners, Downtown Development Authority advisors, and staff gained new perspective on the true size and potential of civic center. Special guest speaker, New Urbanist Planner Robert Gibbs, touted the massive development potential of the site and implored us to explore the development of civic center property by conducting a market study and developing a concept plan, strategy seven. This budget year we will invest \$200,000 to accomplish these critical first steps.

This fiscal year we will complete a second major initiative from last year's strategies, Move Across Troy. Strategy nine, enhance the pedestrian crosswalk and transportation shelters at Automation Alley, is a \$550,000 financial commitment to a project that has undergone nearly two years of extensive studying, planning, and collaborating. As we move into the final stages with our community partner's support, we will be able to make an impactful and transformative change to the Big Beaver Road. If successful, this model could be used along the Golden Corridor and connect business, retail, and restaurant clients like never before!

The remaining four strategies - review city ordinances to address outdated policies and explore the need for new ordinances, establish site development design standards to ensure quality, launch the Global Troy Advisory Committee, and partner to establish a Big Beaver transportation service, break bad process and embrace our best identity. Staff will partner with our boards and committees to remove antiquated policy that burden progress. The Planning Commission will consult with experts and recommend to City Council design standards that protect the integrity and quality, not quantity, of our business community.

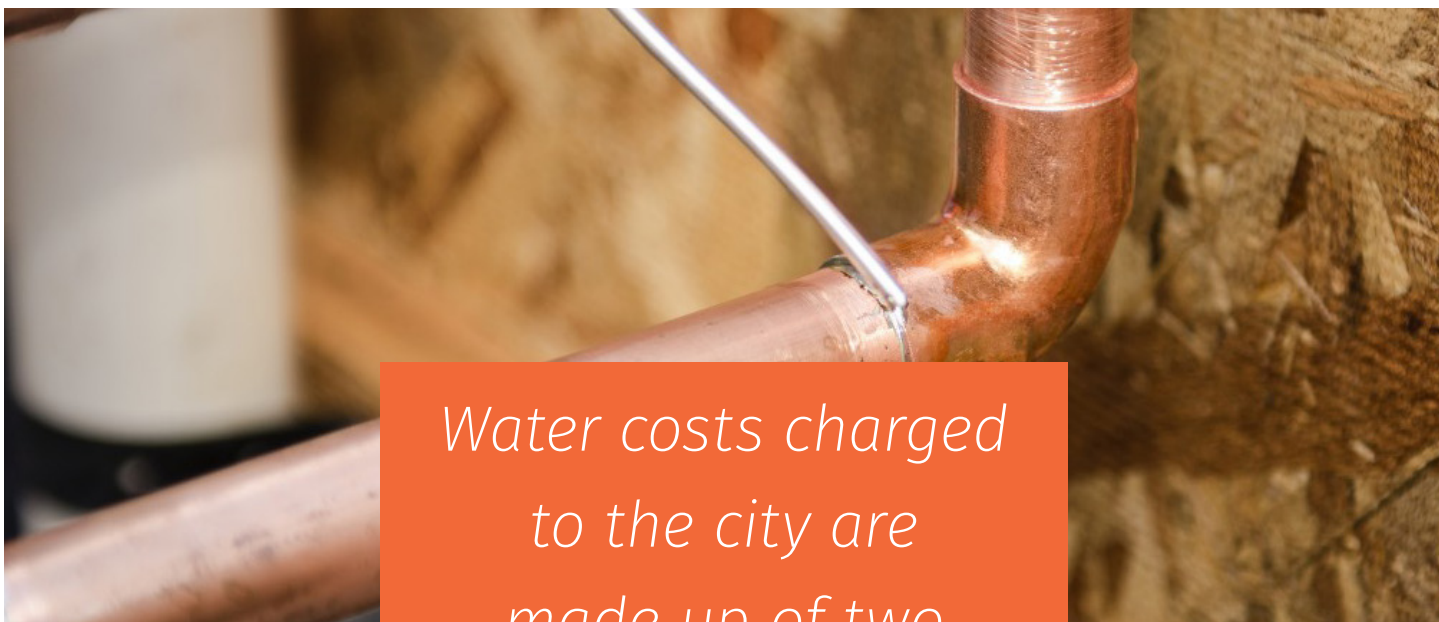
As announced by the Mayor at the 2015 State of the City, the diversity of Troy will be championed by the Global Troy Advisory Committee. This advisory committee, comprised of representative community members, will lead the way to a culturally competent Troy. Finally, finding partners for a transportation service along Big Beaver will explore a real concern and possibly result in a regionally unique asset for a premiere economic sector. These ten strategies represent important policy, direction, and program opportunities. Our innovation and progressive thinking will continue to propel Troy forward.



A close-up photograph of a hand pouring water from a glass pitcher into a glass. The water is captured mid-pour, creating a dynamic splash and bubbles. The hand is light-skinned, and the glass is clear. The background is blurred, focusing attention on the water and the hand.

Water and Sewer Rates

The formation of the Great Lakes Water Authority (GLWA) was a historic event for southeastern Michigan, presenting an extraordinary opportunity for regional collaboration.



*Water costs charged
to the city are
made up of two
components...*

On June 12, 2015, water and sewer service and lease agreements between the City of Detroit and the GLWA were approved. The new authority is yet one more piece of the Grand Bargain to not only position an emerging Detroit for long term success, but to give suburban water and sewer customers a powerful voice in the management and direction of one of the largest water and wastewater utilities in the nation.

In Troy, the Water and Sewer Fund are self-supporting from user fees and do not receive funding from property taxes or other city funds. The city purchases water and sewage disposal services from GLWA and although the authority directly influences the rates Troy charges, the suburban interests are represented on board under the new establishment.

Water costs charged to the city are made up of two components, a fixed rate and a variable rate per usage. The cost of water for the City of Troy is expected to increase approximately \$1.3 million or 10.8% based on increases to both the fixed and variable rates. We called upon the Financial Ideas Team to help us determine an appropriate water rate to cover the cost of this increase.

After an accelerated education in water rate policy, FIT was broken into three groups and asked to come up with a new water rate. They were able to change the assumed consumption volume and see what would happen if they under or oversold their estimate.

Each group found a balance between the consequences of underselling at a low rate and the challenge of overselling

at a high rate. The final average recommendation, based on an assumption of selling 460,000 mcf, was a water sales rate of \$39.00. After some refinement in the revenue requirements for this fiscal year, city administration is recommending a final sales rate of \$38.50. This is an increase of \$4.10, or 11.9% mcf, from \$34.40.

The Oakland County Water Resource Commission (OCWRC) establishes rates for the two sanitary sewer systems used in the City of Troy, although the majority of 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. Estimated increases to the two systems are expected to be approximately 2%. At this time, we recommend that sewer rates remain unchanged at \$25.30 per mcf to help offset the water rate increase and the overall combined rate. Current reserves in the sewer fund, around \$27.5 million, will cover the \$1.4 million shortfall.

The current combined water and sewer rate is \$59.70 per mcf and although we are recommending an 11.9% increase in the water rate, the 0% increase in the sewer rate will result in a final combined water and sewer rate of \$63.80, only a 6.9% increase. For the average residential customer at 3.9 mcf per quarter in the City of Troy, this equates to a quarterly bill of \$248.82 or an increase of \$15.99 per quarter. Compared regionally, Troy will retain the second lowest combined water and sewer rate only to Warren while continuing to maintain the highest standards of quality and service.



Breaking Environment

Our environment is built upon the foundation of our employees and the amenities of our community. To break bad here means to enhance and invest at the core of who we are.



*Offering premiere
services is ingrained in
Troy's environment.*

Adjustments in staffing aids the environment of both current employees and the residents who receive elevated service levels. In 2017, a new employee position has been added to staff the customer service space created at the east entrance of City Hall. Engineering, by reducing reliance on consultants, will be hiring a full-time inspector at a cost-savings to the city. Building Operations is executing their succession plan by consolidating part-time hours to create one new, full-time staff person.

The Library will continue to respond to the bustling needs of the community by adding a Teen Librarian, a cost covered by the Library Fund. A part-time Appraiser, converted to full-time in 2016, will also carry over into 2017.

Finally, the Police Department has developed a leadership succession plan based upon the impending retirement

of executive level officers over the next three years. The first retirement of a captain is anticipated in January of 2017. If that occurs, we will seek a budget amendment increase of approximately \$80,000 for implementation of the succession plan. This will create a third captain position temporarily and will allow for proper development of and a smooth transition of the next police leadership team.

Offering premiere services is ingrained in Troy's environment. The Troy Nature Society receives \$75,000 to support educational programming provided at the Lloyd A. Stage Nature Center. In 2017 we are proposing an increase in funding for the Troy Historical Society to an annual contribution of \$100,000 to combat rising expenses and plateauing revenues. Although the city owns both the Historic Village and Nature Center, these non-profits are experts in their fields and able to operate the facilities with maximum benefit to the community.



The 2017 budget process for developing the three-year spending plan was driven by our 2016 Strategies. We broke bad to find strategies that address the shared beliefs of the City Council, Planning Commission, Downtown Development Authority, and staff. The resulting ten strategies are specific calls to action that have measurable and achievable results that will best serve our residents.

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

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


I would also like to thank the community residents of the Financial Ideas Team for donating their time and for providing valuable insight into the water rates and 2016 strategies spending plan.

Finally, I wish to thank the Mayor and City Council members for their assistance in supporting the full budgeting process that began at the Breaking Bad Retreat. Together we can continue to fulfill our Why Statement and make Troy the gold standard in local government.

Respectfully submitted,

A handwritten signature in black ink, appearing to read 'B. K. L. K.', is written on the page.

Brian Kischnick,
City Manager



INTRODUCTORY INFORMATION

Elected Officials and Executive Management

City Council

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

Executive Management

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

Senior Staff

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

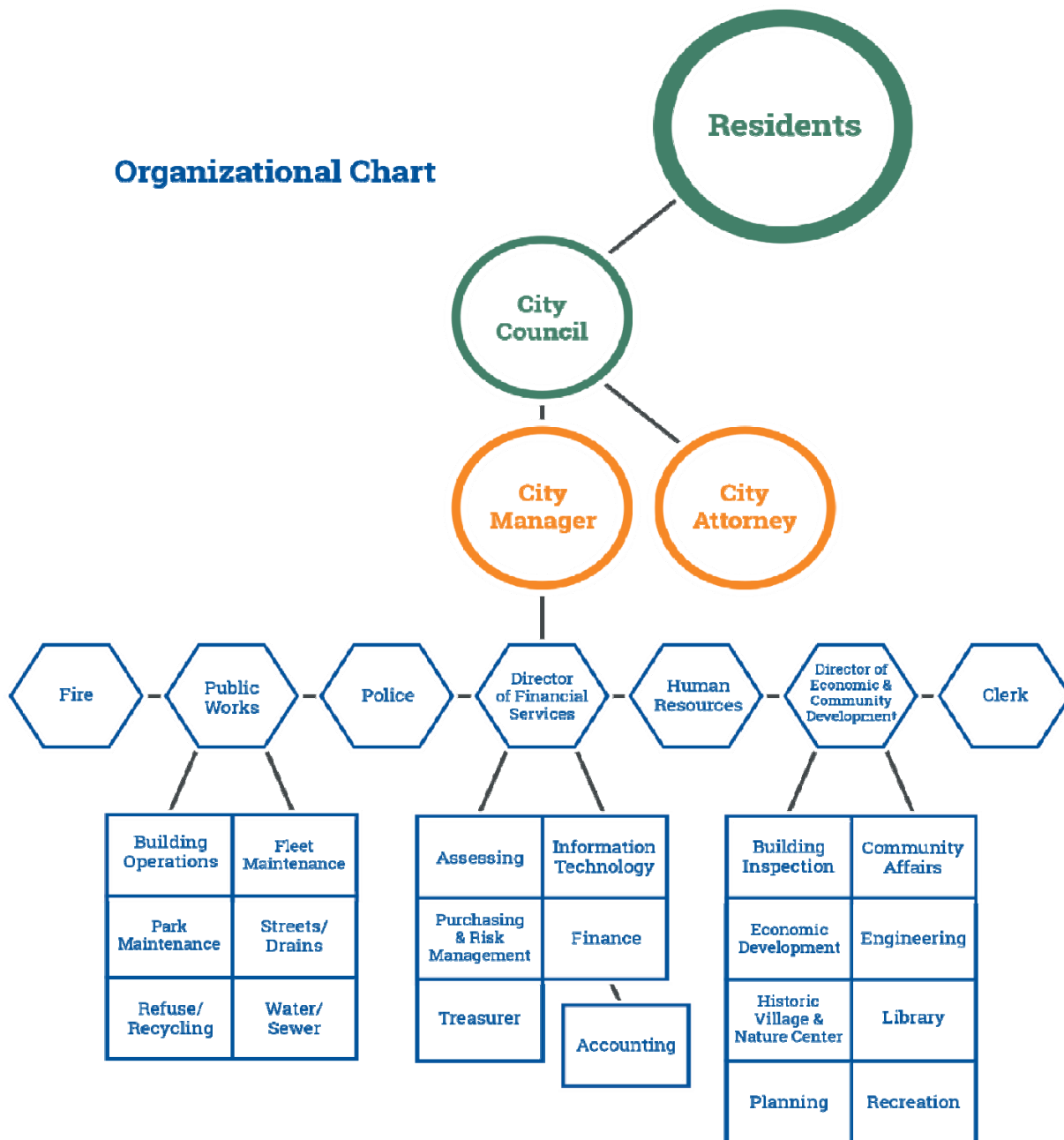
Brian M. Kischnick
Lori Grigg Bluhm
Mark F. Miller
Thomas Darling, CPA
Leger (Nino) Licari
Aileen Dickson
Steven J. Vandette
Sandra Kasperek
Lisa Burnham
Cindy Stewart
Steve Pallotta
Dave Roberts
Jeanette Menig
Gert Paraskevin
Cathleen A. Russ
Elaine S. Bo
R. Brent Savidant
Gary G. Mayer
Kurt Bovensiep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

City Seal

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



Organizational Chart



Fact Sheet**2016/17 Budget At A Glance**

Total City revenues (before transfers in) are budgeted at \$128.3 million. This shows a modest increase of \$3.6 million or 2.9% over estimated fiscal 2016 amounts.. Total tax revenues of \$48.3 million are down \$225 thousand or 0.4% due to a reduction in the millage rate for debt service requirements. Grants, including State Shared Revenue of \$16.3 million increased \$454 thousand or 3.5% primarily through expected reimbursement from the State of Michigan for lost personal property taxes on manufacturing equipment. Charges for services are budgeted at \$46.7 million. This is up \$2.8 million from estimated 2016 amounts primarily due an increase in water fees to cover charges to the City from suppliers. Operating transfers in represent reimbursements from other funds for costs incurred on their behalf.

The total City budget for expenditures (before transfers out) of \$138.4 million decreased \$13.7 million or 9.0% under the prior year budget and \$4.5 million or 3.2% under prior year estimated amounts. This reduction is directly related to capital outlay. Expenditures can be further defined by "Operating" costs and "Capital and Debt" related costs. The City's budgeted operating costs are \$109.9 million and are up \$3.2 million 2.99% from the prior year budget. This increase is primarily in personal services (\$1.4 million) and other services charges (\$1.5 million). Capital outlay is under the prior year budget by \$16.8 million or 41.8%.. Operating transfers out represent reimbursements to other funds for costs incurred on their behalf.

The City created five new employee positions and reduced two positions. The five new positions include a receptionist for the east entrance, an engineering inspector, a building operations technician, an appraiser, and a librarian for teen services. The two position reductions, which were unfilled, included a streets project manager and police service aid. These positions along with an overall 1.5% increase in wages and 3% increase in healthcare costs account for the increase in personal services.

Other service charges include the cost of water and sanitary sewer services. The City purchases both these services directly from and indirectly through Oakland County from the Great Lakes Water Authority (GLWA). Water costs have increased approximately \$1.3 million or 10.8% and sanitary sewer services increased \$644 thousand or 2.0%. The increased fees were incurred primarily from a rate change structure by the provider changing from a variable rate to fixed fee platform. The City charges consumers on a rate per volume used platform. The City has introduced new rates to consumers to offset the increased fees from the provider.

Capital Outlay totals \$23.3 million and although less than the prior year amounts, includes a significant investment in the City's infrastructure. This includes \$8.8 million in major and local street projects, \$3.1 million for the rebuilding of firestation #4, \$1.7 million in trails and pathway construction, and \$3.6 million in water and sanitary sewer improvements.

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 2015 estimated population for Troy is 83,339 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 13th largest city in Michigan and its total property value is the third highest in the state.

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

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

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

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

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

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

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

CITY OF TROY

2016 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** | Create space for a customer service welcome center at the east entrance of City Hall.
- 2** | Redesign the City of Troy website.
- 3** | Review city ordinances to address outdated policies and explore the need for new ordinances.
- 4** | Install recycling elements in city facilities.
- 5** | Link civic center campus with a trail and pathway system.
- 6** | Establish site development design standards to ensure quality.
- 7** | Explore the development of civic center property by conducting a market study and developing a concept plan.
- 8** | Launch the Global Troy Advisory Committee.
- 9** | Enhance the pedestrian crosswalk and transportation shelters at Automation Alley.
- 10** | Partner to establish a Big Beaver transportation service.

Adopted by City Council | March 14, 2016

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 compiled at the right 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 2015/16 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
2016/17 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 Friday, April 15, 2016

City Council workshops: Budget review, questions, and adjustments, Wednesday April 21, 2016 and Monday, April 25, 2016

May

Budget notice is published in local newspapers

City Manager prepares approved 2016/17 Three Year Budget document incorporating City Council adjustments

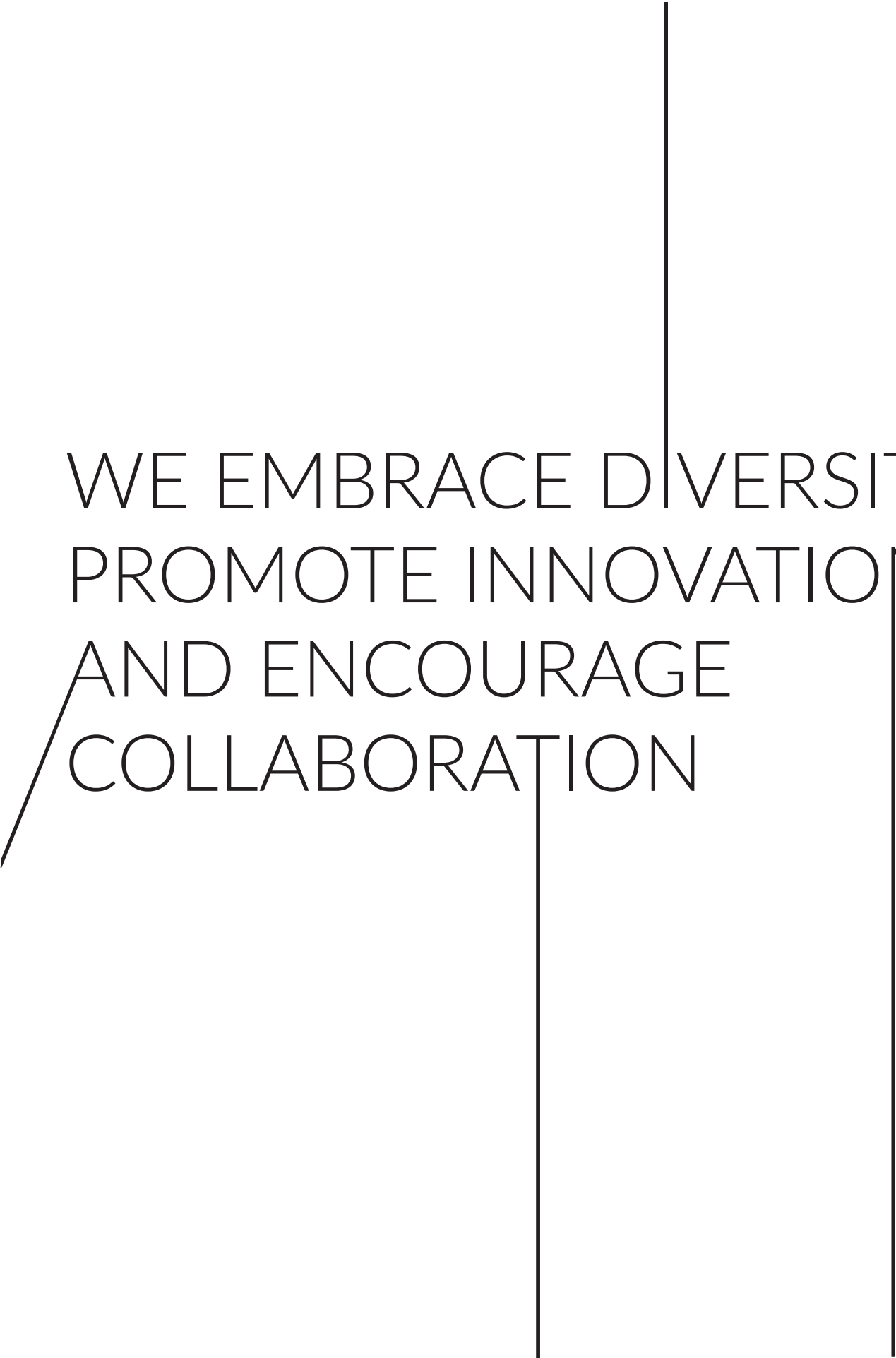
Quarterly financial performance report prepared

Public hearing for budget, Monday, May 9, 2016

City Council adopts taxation resolution and appropriations ordinance, Monday, May 9, 2016

June

Director of Financial Services prepares final current year budget amendment

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 text, and extends downwards. The vertical lines are positioned to the right of the text, with one line passing through the word 'DIVERSITY' and another passing through the word 'COLLABORATION'.

WE EMBRACE DIVERSITY,
PROMOTE INNOVATION
AND ENCOURAGE
COLLABORATION

The background is a solid teal color. Overlaid on this are several white, thin-lined hexagonal shapes. Some are complete hexagons, while others are partial, appearing as if they are cut off by the edges of the frame. These shapes are arranged in a somewhat random, overlapping pattern, creating a geometric, crystalline aesthetic.

TRENDS & SUMMARIES

Millage Rates for Troy Residents and Businesses

Taxing Entity	2009/10	2010/11	2011/12	2012/13	2013/14	2014/15	2015/16	Proposed 2016/17
Tax Rate Shown in Mills								
Troy School District	8.72	9.74	9.74	10.51	10.07	10.07	9.69	9.69
Oakland County Government	4.65	4.65	4.65	4.65	4.65	4.65	4.55	4.55
Oakland County Com. College	1.58	1.58	1.58	1.58	1.58	1.58	1.58	1.58
Intermediate School District	3.37	3.37	3.37	3.37	3.37	3.37	3.36	3.36
S.M.A.R.T.	0.59	0.59	0.59	0.59	0.59	0.59	1.00	1.00
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
Oakland County Art Institute	-	-	-	-	0.20	0.20	0.20	0.20
City of Troy	9.28	9.40	10.19	10.48	10.52	10.50	10.50	10.40
Total - Millage Rates	34.29	35.43	36.22	37.28	37.08	37.06	36.98	36.88

Millage rates are estimated for other taxing jurisdictions.

Average Residential								
Taxable Value	120,014	102,490	96,775	97,742	99,172	102,190	105,888	108,371

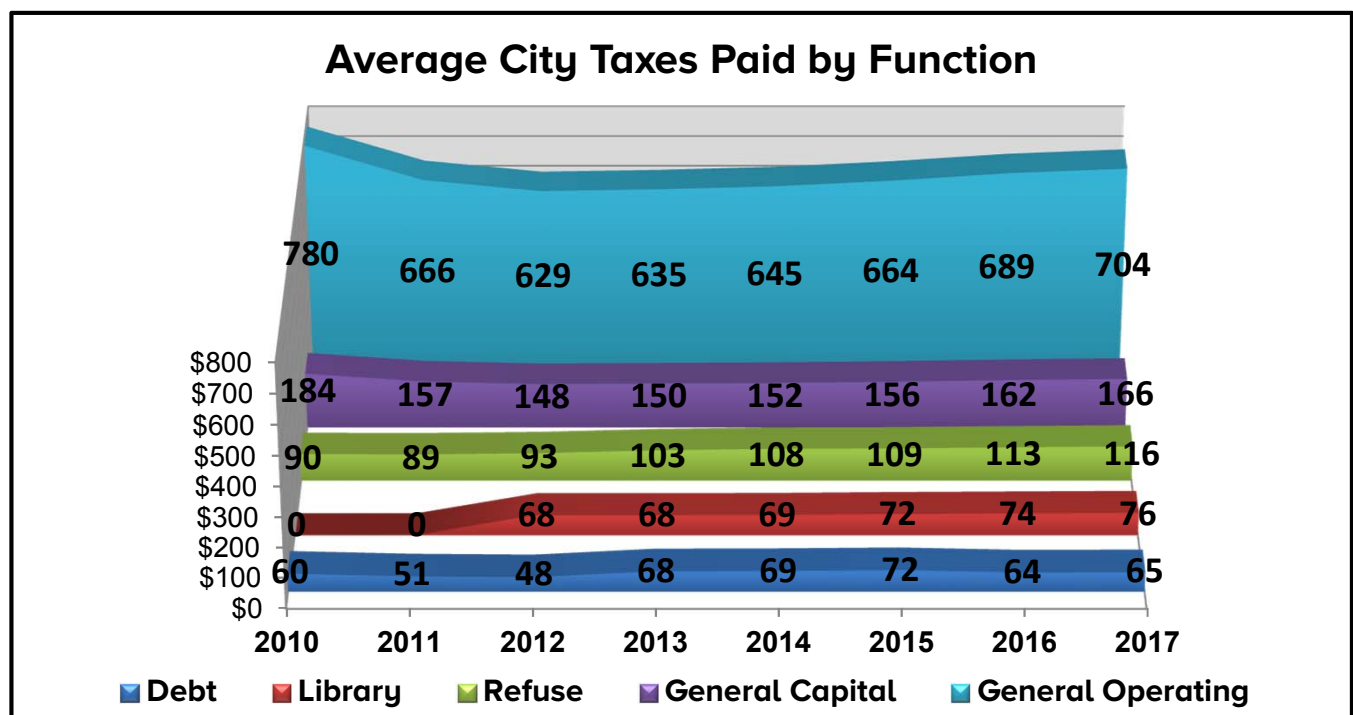
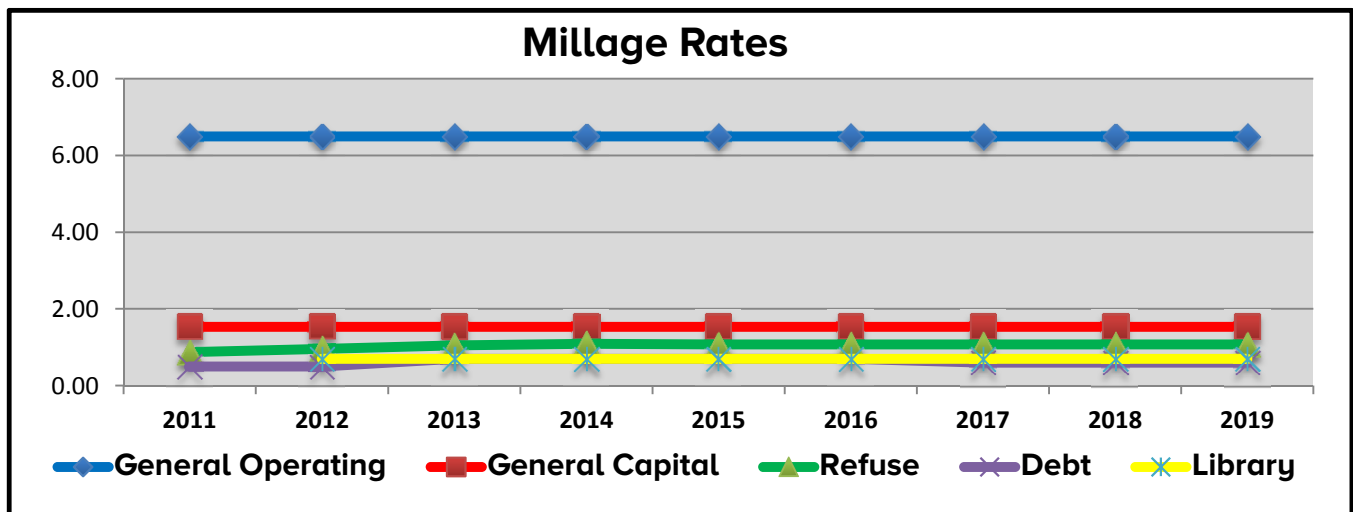
Taxing Entity	2009/10	2010/11	2011/12	2012/13	2013/14	2014/15	2015/16	Proposed 2016/17
Average Tax Rates Shown in Dollars								
Troy School District	\$ 1,047	\$998	\$943	\$952	\$999	\$1,029	\$1,026	\$1,050
Oakland County Government	558	477	450	455	\$461	\$475	\$482	\$493
Oakland County Comm. College	190	162	153	154	\$157	\$161	\$167	\$171
Intermediate School District	404	345	326	329	\$334	\$344	\$356	\$364
S.M.A.R.T.	71	60	57	58	\$59	\$60	\$106	\$108
State Education	720	615	581	586	\$595	\$613	\$635	\$650
Zoo	12	10	10	10	\$10	\$10	\$11	\$11
Oakland County Art Institute	-	-	-	-	\$20	\$20	\$21	\$22
City of Troy	1,114	963	986	1,024	\$1,043	\$1,073	\$1,112	\$1,127
Total - Dollars	\$ 4,116	\$ 3,630	\$ 3,506	\$ 3,568	\$ 3,678	\$ 3,785	\$ 3,916	\$ 3,996

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

In the 2016/2017 proposed budget, although there is a decrease in the proposed millage rate, the City portion of the total tax bill increased by \$15 or 1.3% due directly from the increase in average residential taxable value.

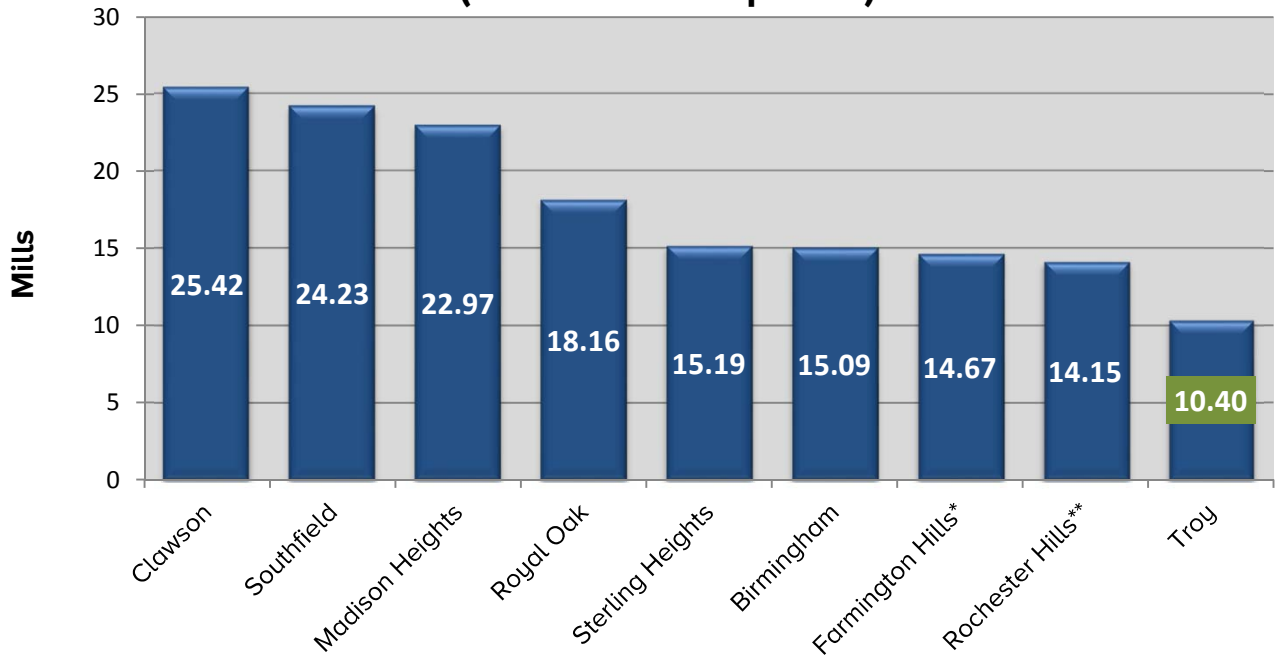
Millage Rates for Troy Residents and Businesses

	2011/12	2012/13	2013/14	2014/15	2015/16	Proposed 2016/17	Proposed 2017/18	Proposed 2017/19
General Operating	6.50	6.50	6.50	6.50	6.50	6.50	6.50	6.50
Capital	1.53	1.53	1.53	1.53	1.53	1.53	1.53	1.53
Refuse	0.96	1.05	1.09	1.07	1.07	1.07	1.07	1.07
Debt	0.50	0.70	0.70	0.70	0.70	0.60	0.60	0.60
Library	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70
Total	10.19	10.48	10.52	10.50	10.50	10.40	10.40	10.40



Millage Rates for Troy Residents and Businesses

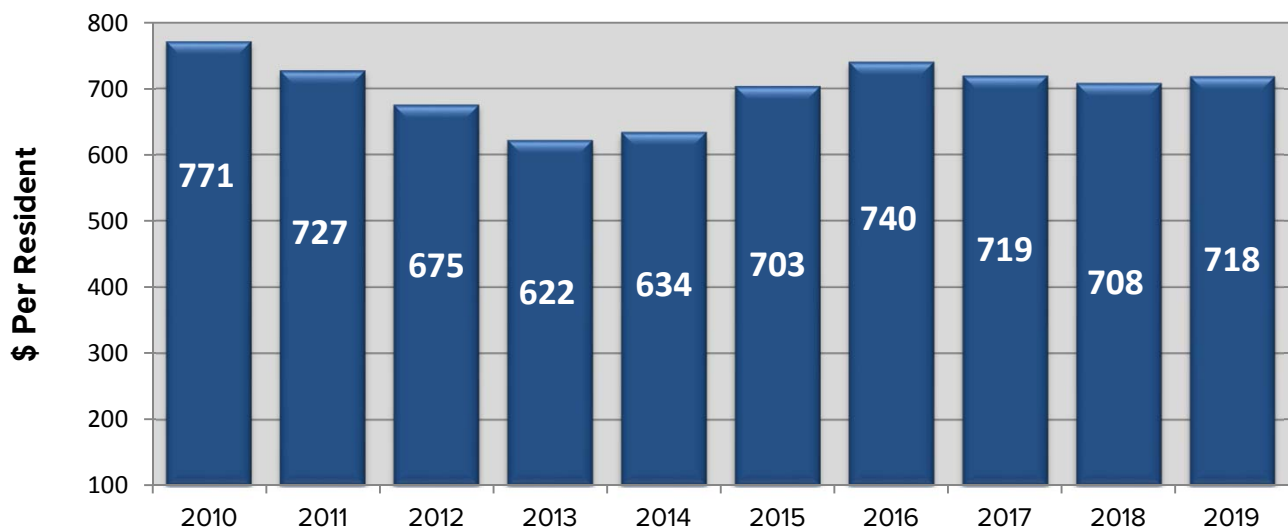
Comparison of Municipal Millage Rates For FY 2014 (Estimated/Proposed)



*Includes estimated millage rate for Library of 0.7 mill.

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

General Fund Budget Per Resident



Major Revenue Sources

GENERAL FUND

Property Taxes

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

In the 2016/17 budget, City property tax revenue of \$30.91 million represents 54.3% of total revenue and other sources, an increase of \$78 thousand or 0.25% 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 2016/17 taxable value was 0.3%. Taxable values were further restricted by the phase out of personal property tax on manufacturing equipment. In spite of these limitations, taxable value was \$4.45 billion representing an increase of \$28.8 million or 0.65%.

The general operations tax levy for the 2016/17 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 10.40 mills **decreased by 0.10 mills** from the prior year due to the amount required for debt service costs. The operating millage rate of 8.03 mills (general operating = 6.50 mills and Capital = 1.53 mills) continues to be below the 8.10 millage rate established by the approved (November 2008) City Charter amendment.

Licenses and Permits

The revenue source from licenses and permits is made up of business licenses and permits and non-business licenses and permits. This revenue source of \$2.6 million represents 4.59% of total revenue sources, and is generated by fees charged to individuals and businesses for the building of new structures as well as improvements made to existing structures. Building permits generate the largest source of revenue, accounting for \$1.8 million or 68% of the total from licenses and permits.

Charges for Services

Charges for services are broken into the following 4 categories:

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

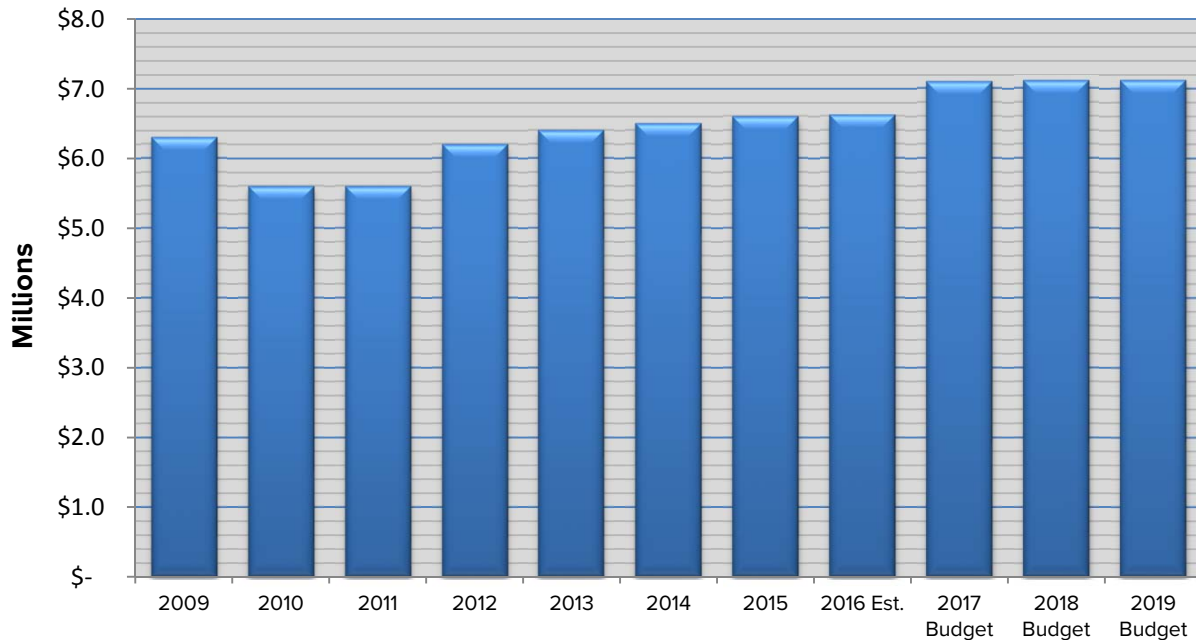
In total, this revenue source generates \$8.2 million or 14.3% of total General Fund revenue. The \$8.2 million compares to \$7.6 million estimated for the 2015/15 fiscal year. The major sources of revenue are CATV franchise fees, Parks and Recreation program fees, Community Center pass fees and Engineering 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

State Shared Revenue

[State Shared Revenues](#)

Another source of revenue to the City is federal, state and local funding. This source of revenue is comprised of grants from the federal, state, and county levels of government. The major source in this revenue category is state revenue sharing.

State revenue sharing estimates amount to \$7.1 million or 12.5% of total General Fund revenue. 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.

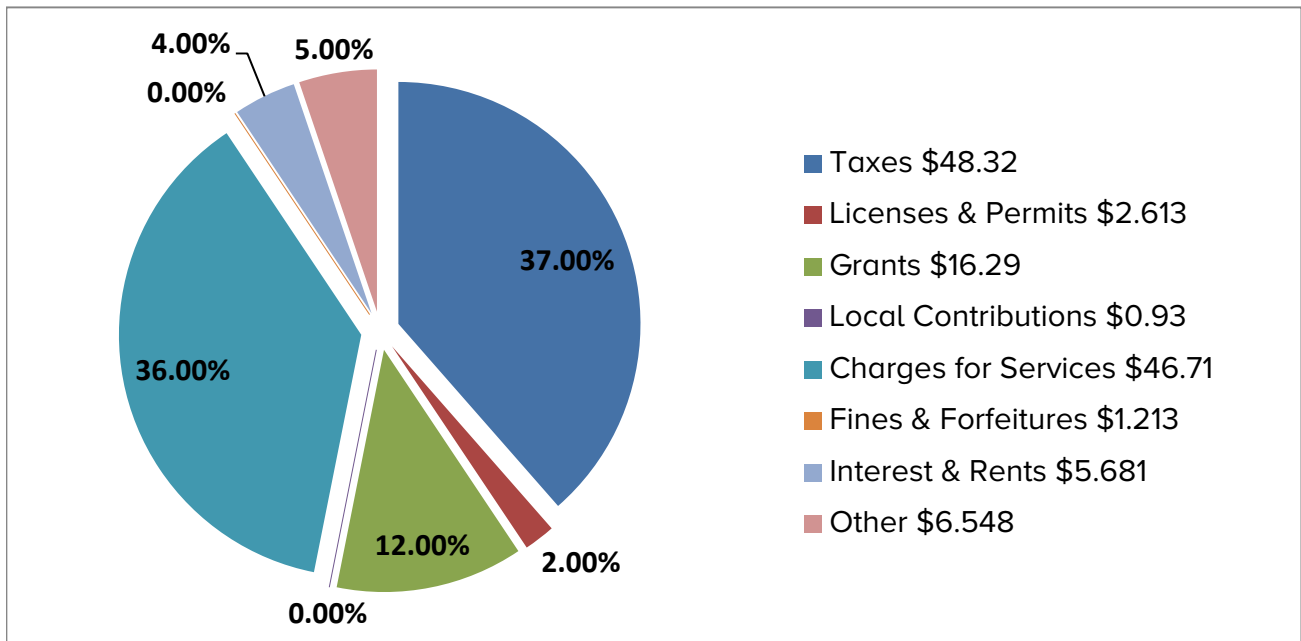
A trend of modest increases have been realized from State Shared Revenues since fiscal 2011. It should be noted however that these revenues were over \$8 million annually in early 2000. In addition, the increases expected in the 2016/17 fiscal year are reimbursements from the state for lost revenues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

Major Revenue Sources

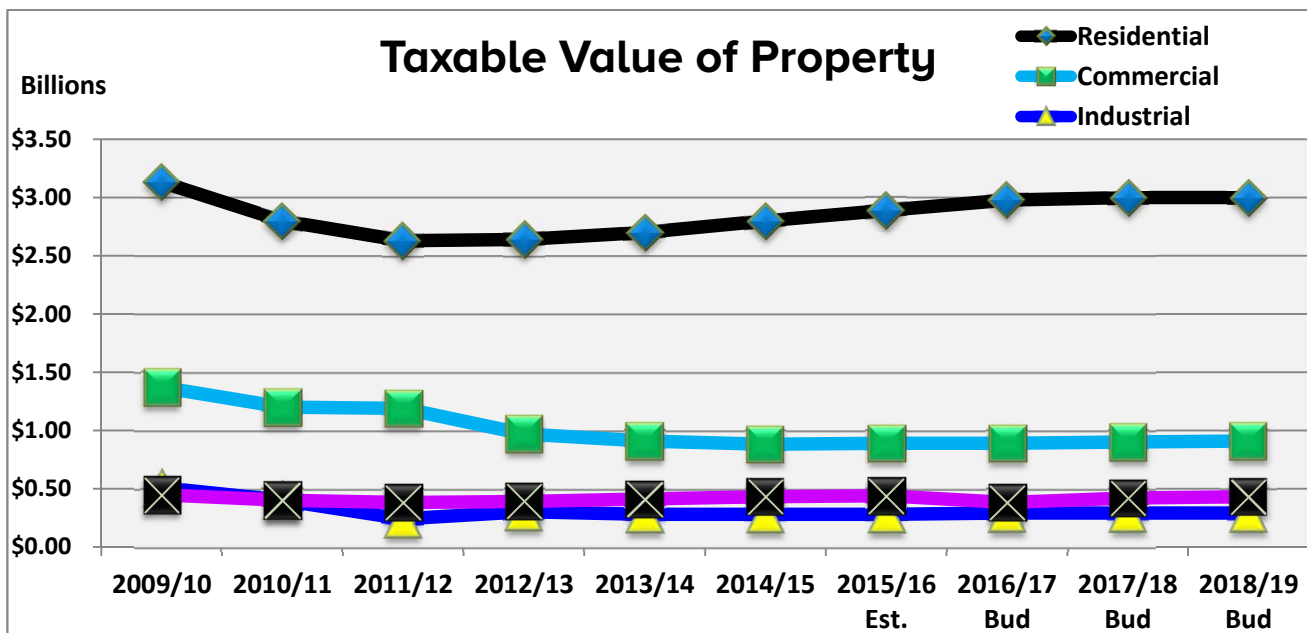
ALL FUNDS

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

(Millions)



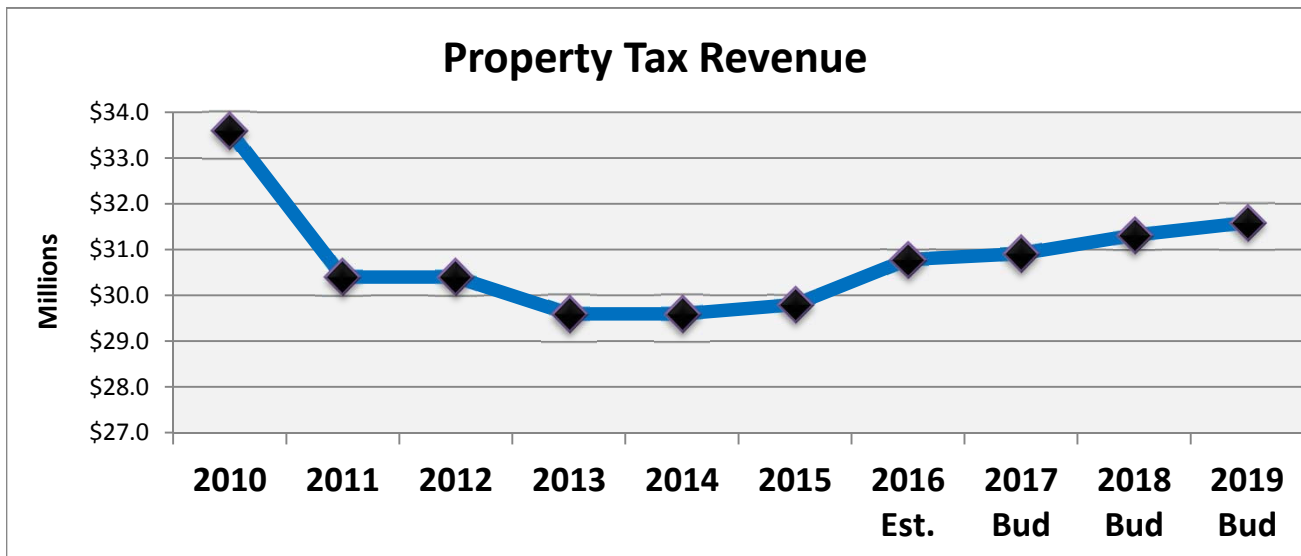
The following graph shows property value assessments by property type. The taxable value, along with the millage rate, determines the total property tax collected.



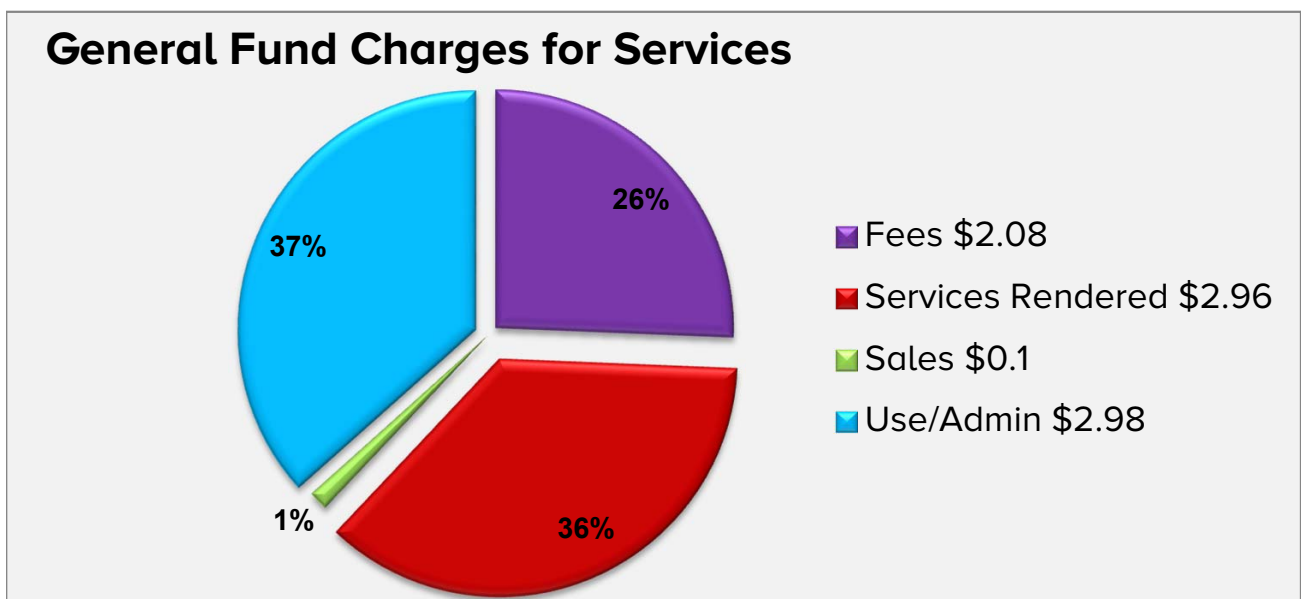
Major Revenue Sources

GENERAL FUND

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



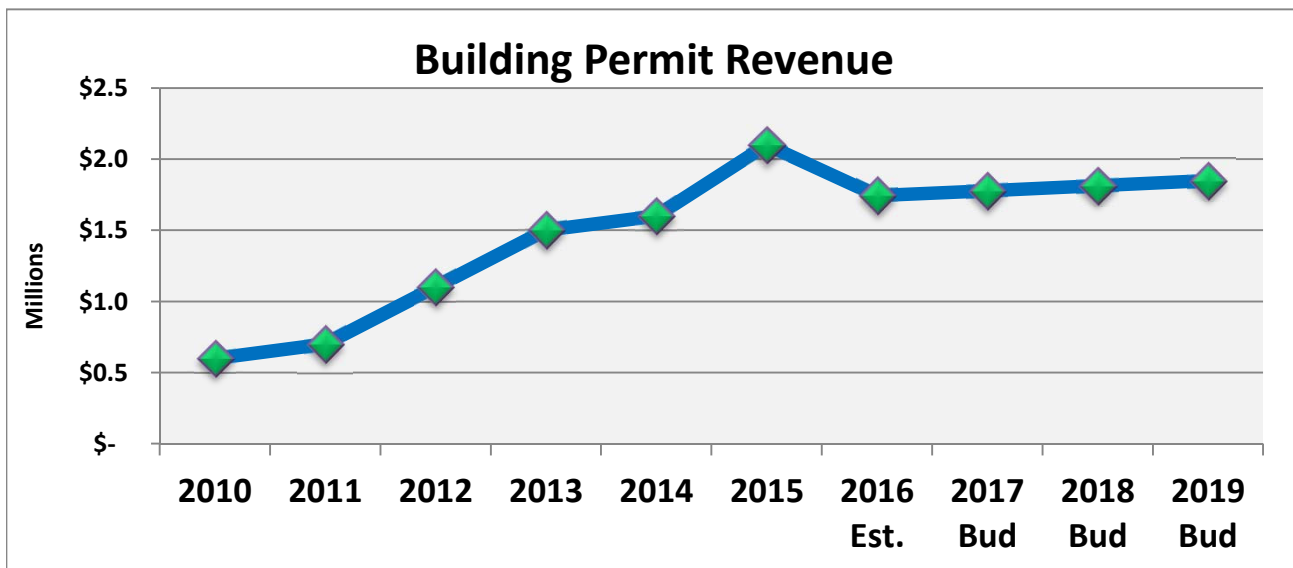
The major sources of revenues are CATV franchise fees, Parks and Recreation program fees, Community Center passes and Engineering fees (\$8.2 million)



Major Revenue Sources

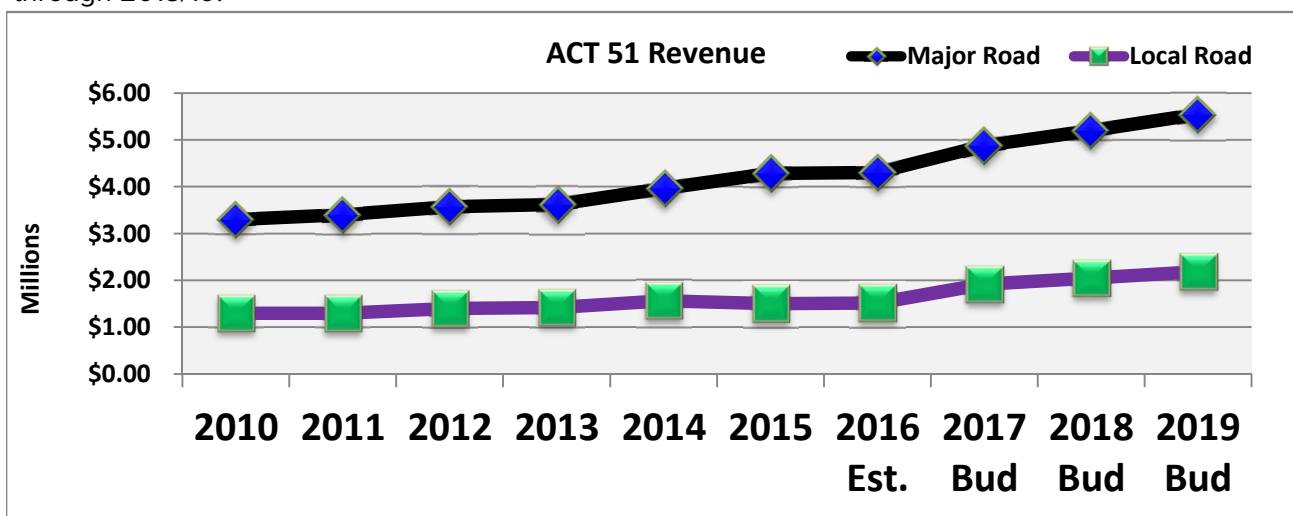
GENERAL FUND, continued

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



SPECIAL REVENUES FUNDS

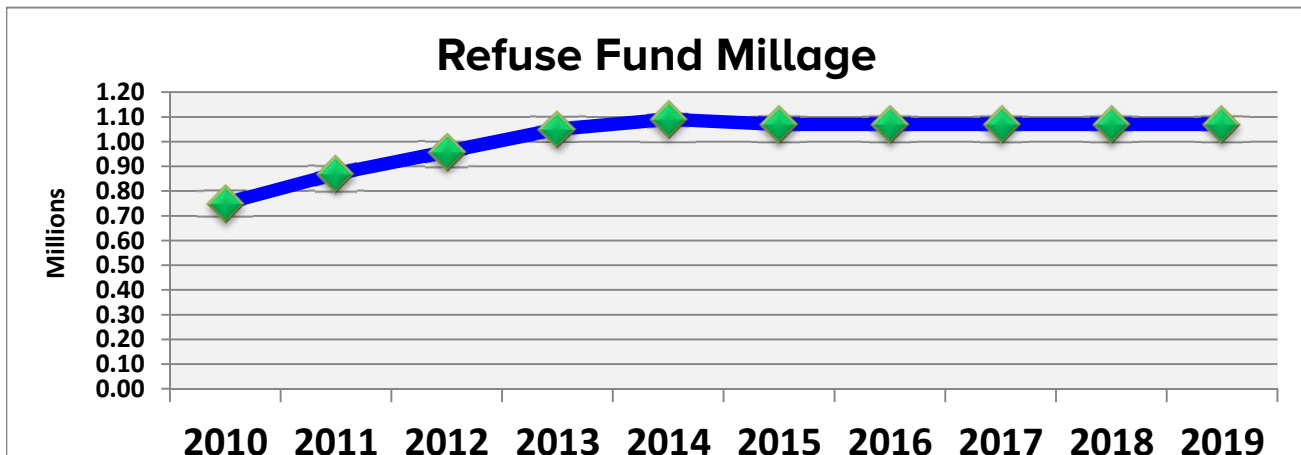
ACT 51 revenue is funded by the state and are based on a \$0.19 tax per gallon of gasoline sales, which is then returned to local units of government using a formula that includes population and number of miles of major and local roads. This source of revenue is tied directly to and affected by the price of gasoline, fuel efficiency and the number of miles driven. Recent legislation to increase the gasoline tax and vehicle registration fees "fuels" the increased budgeted revenues in fiscal 2016/17 through 2018/19.



Major Revenue Sources

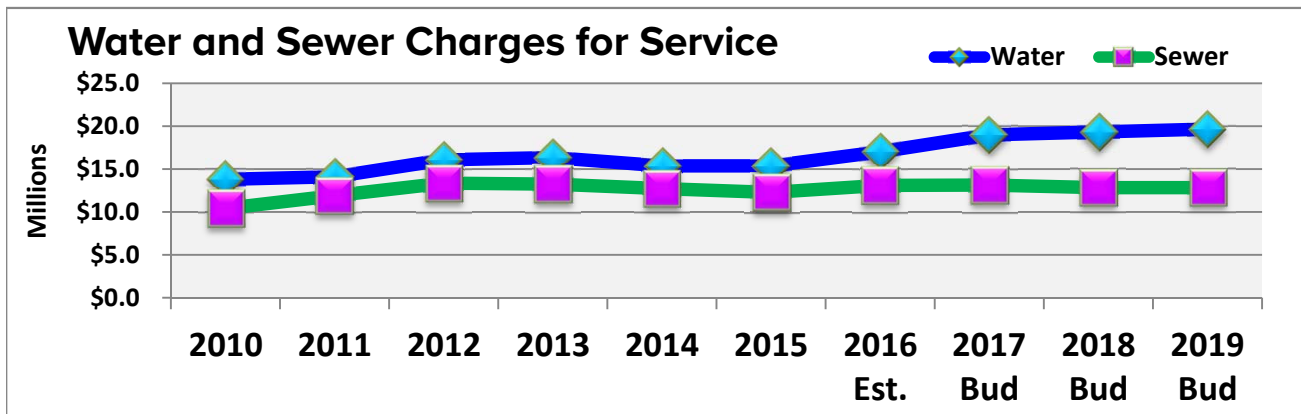
SPECIAL REVENUES FUNDS, continued

The Refuse Fund millage rate is determined by multiplying this rate (1.07) times the taxable value in order to generate sufficient revenue to cover the cost of refuse collection and disposal as well as the recycling collection. The 2008 rate was reduced by .15 mills due to the re-bidding of collection and disposal services by SOCRRA member communities. The 2011/12 budget reflected a need to increase this millage rate due to a decrease in taxable value and an increase in costs. The .07 mill increase in 2009/10 came from the Capital millage rate. Due to the further reduction in taxable value, there was a need to increase the Refuse millage rate .09 to .96 in 2012, .09 to 1.05 mills in 2013, .04 mills to 1.09 in 2014 and down .02 mills for 2015 through 2018 as a recognition of the stabilization and recovery of taxable values.



ENTERPRISE FUNDS

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



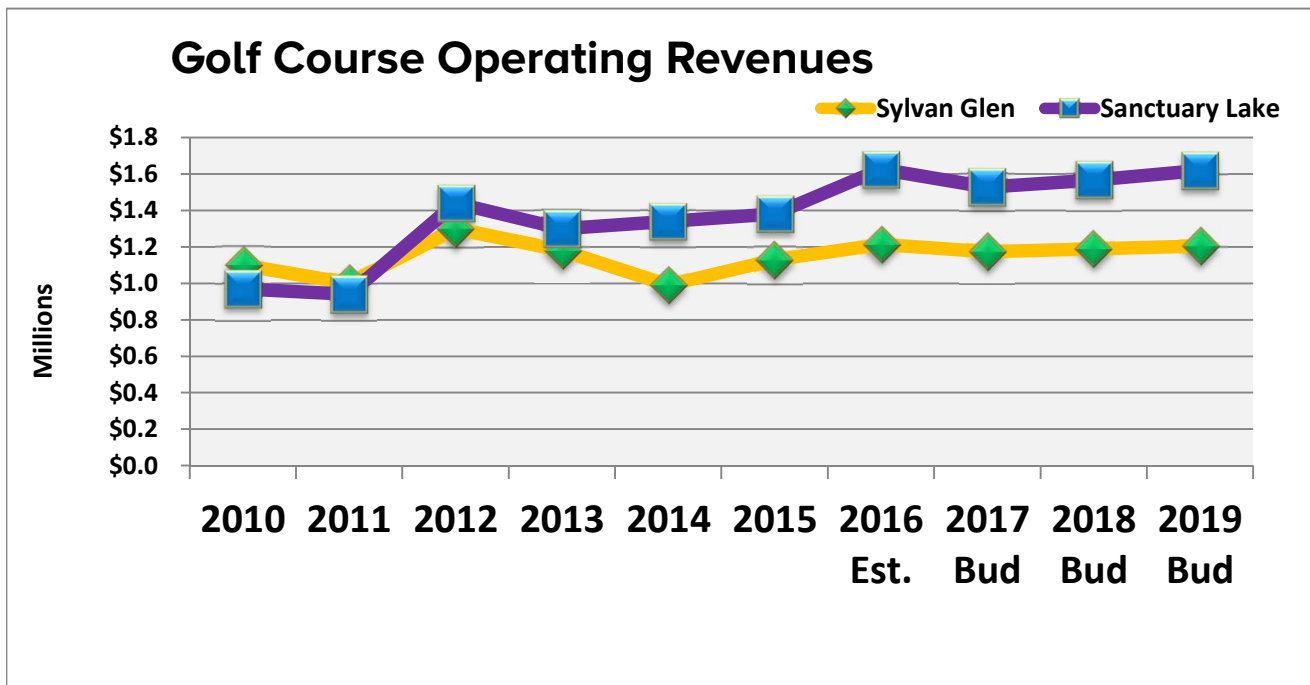
Major Revenue Sources

ENTERPRISE FUNDS, continued

The City of Troy owns two public golf courses which are now operated and maintained by Billy Casper Golf. Sylvan Glen Golf course is expected to produce 33,000 rounds of golf in 2015 and 2016.

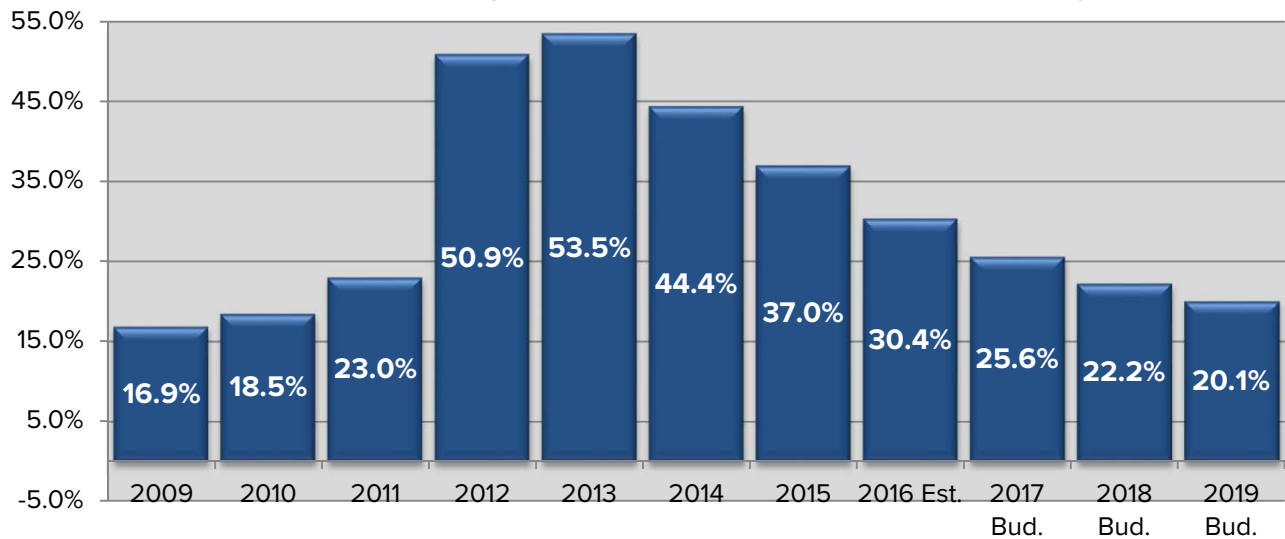
Sanctuary Lake, the newer links style public course is expected to produce 42,600 rounds in 2015 and over 44,000 in 2016. The greens fees are higher at Sanctuary Lake and golfers are required to take a cart due to the challenging terrain, which accounts for the difference in the amount of revenue and projected rounds. Sanctuary Lake also has a practice facility consisting of a driving range, chipping area and putting greens.

The decrease in 2013 and 2014 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.

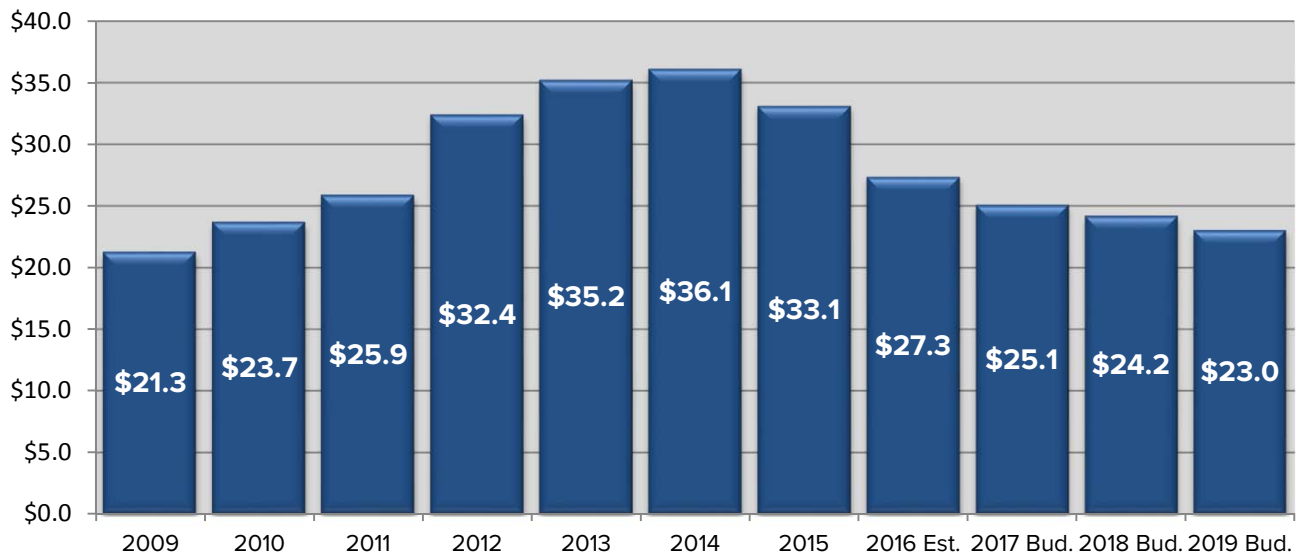


General Fund Fund Balance

General Fund Unassigned Fund Balance as a Percentage of the Budget



General Fund
Fund Balance
(Millions)



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

The background is a solid orange color. Overlaid on this are several white outlines of hexagons. Some hexagons are complete, while others are partially cut off by the edges of the frame. The hexagons are arranged in a somewhat irregular, honeycomb-like pattern.

ALL FUNDS

Executive Summary

The Executive Summary is prepared as an introduction to the 2016/17 through 2018/2019 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.

2016/2017 BUDGET YEAR***Total City Funds***

The 2016/17 budget for all City funds totals \$151.9 million. The City establishes a budget for 21 General Fund Departments as well as 29 separate funds; these 29 funds can be further paired down into 6 major fund groupings. The largest is the General Fund, which provides \$59.2 million in funding toward the majority of services available to residents through the City's 21 departments.

Special Revenues Funds provide a total of \$17.5 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 2016/17 budget include:

Maintain and repair major roads (\$5.4 million)

Maintain local roads (\$2.8 million)

Refuse collection and disposal and recycling activities (\$5.0 million). Millage rate of 1.07 mills well below the state maximum of 3 mills.

Library operations (\$3.7 million). Millage rate of 0.7 mills which expires July 1, 2021.

Debt Service Funds total \$6.9 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 Funds total \$18.8 million for 2016/17. These funds are used for capital equipment and vehicles, construction and improvement of municipal facilities and road construction. Notable capital projects in the 2015/16 budget include:

Major road construction and Improvements (\$5.7 million)

Local road reconstruction and improvements (\$3.1 million).

Executive Summary

Rebuilding of Fire Station #4 (\$3.1 million). The total cost of the project was budgeted at \$3.8 million and span's over fiscal years 2014/2015 and 2016/2017. The project has been and will be funded by a special transfer from the General Fund totaling \$3.8 million.

Trails and Pathways project estimated at \$1.7 million of which \$750 thousand is budgeted to be funded through federal grants.

Enterprise Funds total \$37.6 million and provide for \$4.1 million in recreational activities from the City golf courses and Aquatic Center along with \$33.5 million for public utilities of water and sanitary sewer services.

Internal Service Funds account for \$11.8 million in services to all departments including Fleet Maintenance of \$4.3 million, Information Technology of \$1.9 million and Compensated Absences of \$4.0 million.

General Fund

General Fund revenues and other sources are budgeted at \$57.0 million, an increase of \$288 thousand or 0.51% over the prior year budget. This modest increase is primarily in State Shared Revenue from reimbursements of lost personal property tax revenues due to the phase in of the exemption for manufacturing personal property. Property taxes, the General Funds primary funding source increased by only \$78 thousand or 0.25%. Although residential assessed values have seen significant increases and commercial assessed values have stabilized, taxable value can only increase the lesser of inflation or 5%. The CPI index used for the 2016/17 fiscal budget was 0.3%. In addition, the phase in of the exemption for manufacturing personal property has reduced the tax base.

The 2016/17 General Fund expenditure and other uses budget is \$59.2 million, a decrease of \$7.6 million or 11.4% under the 2015/16 General Fund budget. The primary contributor to the decrease are the one-time transfers to the Capital Project Fund. Prior year transfers included the "Troy Roads Rock" initiative, a fire station pumper truck and partial funding for the rebuilding of fire station #4. The 2016/17 budget includes only partial funding for the completion of fire station #4. Other notable changes in expenditures include an increase for website design (\$80 thousand), a market/feasibility study for the civic center campus and a "net" three addition to employee positions including a receptionist at the east entrance to provide customer service.

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 \$30.9 million, or 54.3% of the total General Fund budget for revenues and other sources.

Troy's proposed overall millage rate of 10.40 mills is a reduction of 0.1 mills compared to the prior year due to a reduction in the debt millage from 0.70 mills to 0.60 mills.

Executive Summary

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	\$ 2.614	4.59%
Federal, State and Local Grants	0.114	0.20%
State Shared Revenues	7.100	12.46%
Charges for Services	8.150	14.31%
Fines & Forfeitures	0.992	1.74%
Interest & Rents	1.188	2.09%
Other Revenues	1.070	1.88%
Transfers In	4.83	8.48%

Expenditures by Object

The \$59.2 million General Fund budget is comprised of 4 separate expenditure objects or categories as follows:

Categories	Amount (Millions)	% of Total
Personal Services	\$ 37.072	62.59%
Supplies	3.051	5.15%
Other Service Charges	17.880	30.19%
Operating Transfers Out	1.225	2.07%

The largest category of General Fund Expenditures is for Personal Services. The budget for Personal Services is \$37.1 million, an increase of \$1.1 million or 3.1% over the prior year budget. Major factors to the increase include:

- Increased retirement cost of \$634 thousand due to changes in actuarially determined contributions for the defined benefit pension and retiree healthcare systems. In addition, as new hires on the defined contribution system replace defined benefit members, costs are expected increase proportionately.
- Salary & Wage increase \$555 thousand or 2.7% due to projected annual increases of approximately 1.5% and the addition of a "net" one employee.

Executive Summary

Supplies are budgeted at \$3.1 million representing an increase of \$212 thousand or 7.5%. The increase is in the area of repairs and maintenance for one-time building repairs and supplies such as ruggedized laptops for police, traffic light generators, lighted cross-walk signs and general painting and carpet for departments. In addition, \$50 thousand for holiday decorations was budgeted to complete the Rochester up to Wattles road segment.

Other Services/Charges of \$17.9 million increased \$236 thousand or 1.3% due primarily to a budgeted market/feasibility study for the civic center campus in the amount of \$200 thousand.

Transfers out of \$1.2 million is the remaining amount to be transferred to Capital Project fund to complete the building of fire station #4.

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

Expenditures by Budgetary Center

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

Water and Sewer Fund

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

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

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

Water costs charged to the City of Troy are made of two components. These include a fixed rate component and a variable rate per usage component. The City of Troy cost of water is expected to increase approximately \$1.3 million or 10.8% based on increases to the combination of these two components.

The Great Lakes Water Authority will increase the water rate that it charges to the City of Troy effective July 1, 2016.

Executive Summary

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

Estimated increases to the George W. Kuhn (GWK) drain and the Evergreen-Farmington drain are expected to be approximately 4%.

The OCWRC will increase the sanitary sewer rates it charges the City of Troy effective July 1, 2016.

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

The water rate is recommended to increase from \$34.40 to \$38.50 per mcf an increase of \$4.10 or 11.9% per mcf.

The combined water/sewer rates are recommended to increase from \$59.70 to \$63.80 per mcf, an increase of \$4.10 or 6.9%. The average residential customer uses 3.9 MCF per quarter, which equates to a quarterly bill of \$248.82. This would be an increase of \$15.99 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 \$1.5 million for water and \$2.1 million for sanitary sewer. Sewer capital expenditures include State of Michigan funded SAW grant projects (\$400 thousand), Dequindre, Long Lake to Square Lake widening (\$600 thousand) and the Sturgis sewer drain bank stabilization project at \$600 thousand.

The system as a whole is expected to operate with an economic loss of \$1.2 million in the coming year and with a reduction in working capital of approximately \$1.4 million as the City meets the infrastructure needs of the system.

The budget was developed under the assumption of 460,000 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.

Executive Summary***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 2016/2017 budget calls for no change in the 1.07 mills. Based on the taxable value of the average residential home in the City of \$108,371, the average cost per resident is \$116 annually.

The 2016/17 budgeted expenditures of \$5.0 million have increased \$407 thousand or 8.9%. This is a direct result of "Single Stream Recycling" introduced by the Southeastern Oakland County Resource Recovery Authority (SOCRRA). SOCCRRA 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 most notably one-time transfers from the General Fund provide for the funding of \$18.9 million in capital projects. Significant projects include Major/County Streets of \$5.7 million, Local Streets of \$3.1 million, Fire Station #4 replacement at \$3.1 million, and Trails and Pathways at \$1.7 million (\$750 thousand grant funded).

Debt Service Funds

The Debt Service Funds generate their revenue by applying 0.60 mills times the taxable value. The 0.60 mills is a reduction from the previous year of 0.70 mills. Total debt service for voter approved millage is only \$3.0 million and will be paid by 2021. Series 2013 DDA Debt is financed by the DDA through transfers to the debt service fund.

Internal Service Funds

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

Major Funds

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

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

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

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

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

Executive Summary

The major funds are: General Fund, Capital Projects Fund, Water Fund, Sanitary Sewer Fund and Sanctuary Lake Golf Course Fund.

Non - Major Funds

The non-major funds are: Debt Service Funds, Special Revenue Funds, Aquatic Center Fund, Sylvan Glen Golf Course Fund 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).

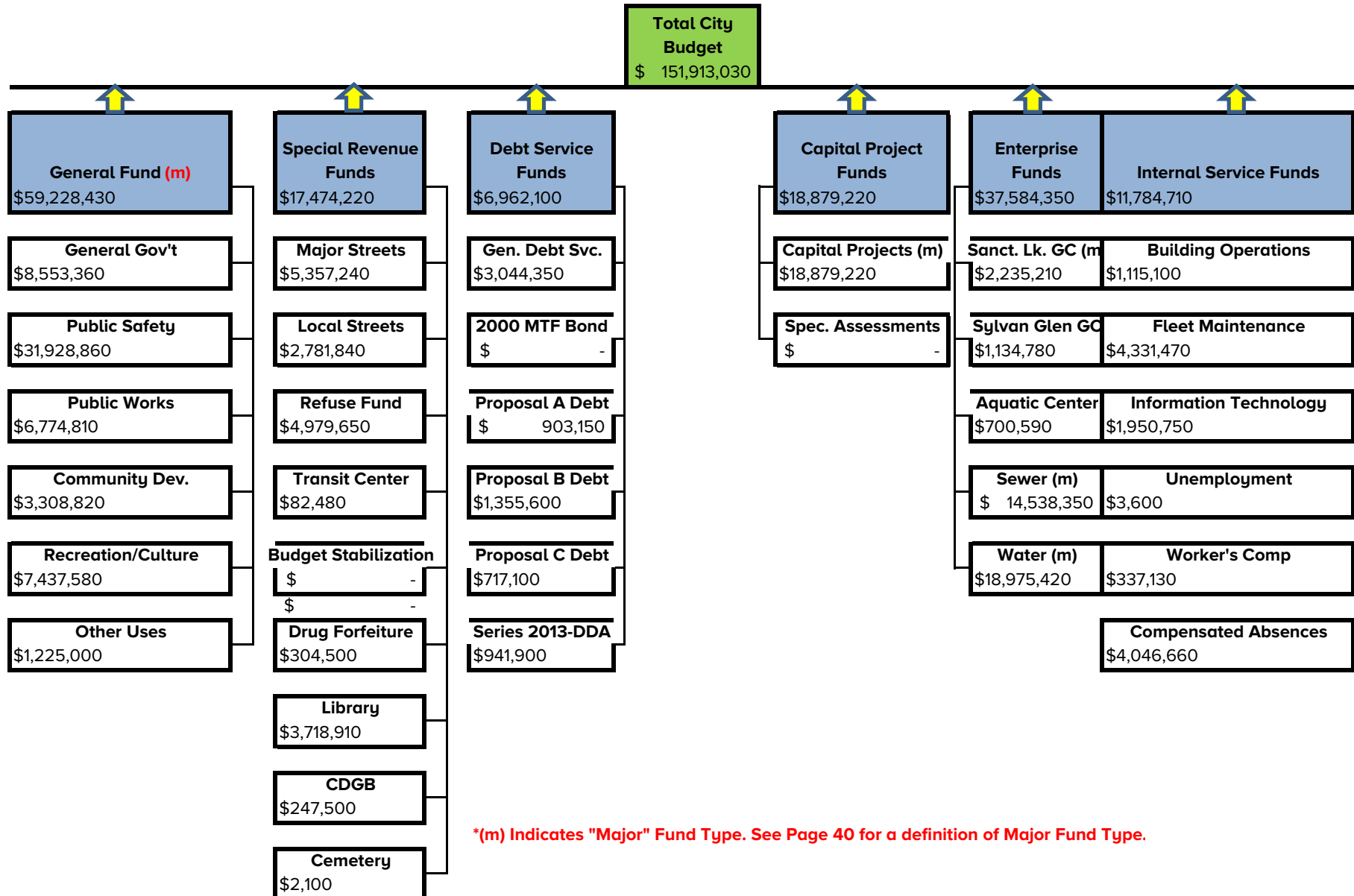
All Funds Consolidated Revenues and Expenditures

	2014 Actual Amount	2015 Actual Amount	2016 Estimated Amount	2016 Amended Budget	2017 Proposed	% Change	2018 Proposed	2019 Proposed
REVENUE								
Taxes	\$ 46,739,164	\$ 47,032,044	\$ 48,552,290	\$ 48,555,200	\$ 48,327,570	-0.47%	\$ 48,963,250	\$ 49,397,940
Licenses And Permits	2,429,459	2,896,531	2,563,450	2,587,150	2,613,750	1.03%	2,663,240	2,708,820
Grants	15,306,039	16,504,997	15,745,140	14,159,770	16,290,400	15.05%	16,700,550	17,196,680
Contributions - Local	148,390	265,391	434,950	339,500	930,900	174.20%	638,500	638,500
Charges For Services	41,382,108	41,582,388	43,951,310	45,225,270	46,718,120	3.30%	47,222,950	47,799,910
Fines And Forfeitures	1,396,240	1,418,353	1,203,250	1,089,000	1,213,250	11.41%	1,215,250	1,215,250
Interest & Rent	5,383,416	5,022,157	5,328,900	5,538,340	5,681,600	2.59%	5,718,250	5,755,650
Other Revenue	5,953,400	7,164,272	6,903,800	5,816,700	6,548,830	12.59%	6,492,270	6,623,840
Total Revenue	118,738,217	121,886,132	124,683,090	123,310,930	128,324,420	4.07%	129,614,260	131,336,590
OTHER FINANCING SOURCES								
Operating Transfers in	44,872,278	15,680,772	18,681,750	23,670,660	13,749,890	-41.91%	12,420,680	13,492,350
Total Revenues and Other Sources	163,610,495	137,566,905	143,364,840	146,981,590	142,074,310	-3.34%	142,034,940	144,828,940
EXPENDITURES								
Personal Services	43,826,846	46,028,521	47,906,254	51,034,810	52,442,770	2.76%	53,311,820	54,204,230
Supplies	5,118,498	5,810,431	5,553,020	5,806,265	6,080,830	4.73%	6,196,680	6,093,790
Other Services and Charges	43,174,124	46,731,277	48,060,770	49,922,325	51,432,860	3.03%	52,288,280	53,267,990
Depreciation	6,049,552	4,791,340	-	-	-	0.00%	-	-
Expenditures for Operations	98,169,019	103,361,569	101,520,044	106,763,400	109,956,460	2.99%	111,796,780	113,566,010
Debt Service	4,502,384	4,576,361	5,134,320	5,147,590	5,054,950	-1.80%	4,847,450	4,991,210
Capital Outlay	13,725,936	19,562,036	36,263,310	40,237,900	23,393,800	-41.86%	19,267,090	14,275,320
Total Expenditures	116,397,339	127,499,965	142,917,674	152,148,890	138,405,210	-9.03%	135,911,320	132,832,540
Operating Transfers out	47,051,000	15,422,693	18,448,750	22,461,380	13,507,820	-39.86%	12,177,980	13,249,020
Total Expenditures and Other Uses	163,448,339	142,922,659	161,366,424	174,610,270	151,913,030	-13.00%	148,089,300	146,081,560
Net Revenues Over/(Under) Expenditures	162,155	(5,355,754)	(18,001,584)	(27,628,680)	(9,838,720)	-64.39%	(6,054,360)	(1,252,620)

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

Financial Organization Chart

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

All Funds Financial Summaries

	2014 Actual Amount	2015 Actual Amount	2016 Estimated Amount	2016 Amended Budget	2017 Proposed	% Change	2018 Proposed	2019 Proposed
General Fund								
Revenues and Other Sources	\$ 53,585,810	\$ 55,572,619	\$ 55,228,050	\$ 56,682,910	\$ 56,971,160	0.51%	\$ 57,443,030	\$ 57,937,300
Expenditures By Function:								
General Government	6,583,549	6,917,419	7,406,690	7,769,950	8,553,360	10.08%	8,374,970	8,507,010
Public Safety	28,005,168	31,021,169	30,151,200	31,781,830	31,928,860	0.46%	32,425,190	32,901,660
Public Works	5,675,830	5,638,912	5,764,260	6,544,050	6,774,810	3.53%	6,661,450	6,692,460
Community Development	2,828,004	3,150,294	3,295,790	3,223,050	3,308,820	2.66%	3,354,290	3,400,140
Recreation and Culture	6,119,121	6,523,871	7,063,300	7,138,550	7,437,580	4.19%	7,521,950	7,606,350
Other Financing Uses	3,550,000	5,300,000	7,285,000	10,360,000	1,225,000	-88.18%	-	-
Total Expenditures and Other Uses	52,761,672	58,551,666	60,966,240	66,817,430	59,228,430	-11.36%	58,337,850	59,107,620
Net Surplus/(Shortfall)	824,138	(2,979,048)	(5,738,190)	(10,134,520)	(2,257,270)	-77.73%	(894,820)	(1,170,320)
Beginning Fund Balance	35,234,507	36,058,645	33,079,597	33,079,597	27,341,407	-17.35%	25,084,137	24,189,317
Ending Fund Balance	\$ 36,058,645	\$ 33,079,597	\$ 27,341,407	\$ 22,945,077	\$ 25,084,137	9.32%	\$ 24,189,317	\$ 23,018,997
Special Revenue Funds								
Major Streets Fund								
Revenues and Other Sources	\$ 3,982,760	\$ 4,284,062	\$ 4,324,940	\$ 3,816,400	\$ 4,897,980	28.34%	\$ 5,223,380	\$ 5,570,510
Expenditures - Public Works	4,046,600	4,366,155	4,378,250	4,514,670	5,357,240	18.66%	5,649,240	5,971,040
Net Surplus/(Shortfall)	(63,840)	(82,093)	(53,310)	(698,270)	(459,260)	-34.23%	(425,860)	(400,530)
Beginning Fund Balance	3,491,883	3,428,043	3,345,949	3,345,949	3,292,639	-1.59%	2,833,379	2,407,519
Ending Fund Balance	\$ 3,428,043	\$ 3,345,949	\$ 3,292,639	\$ 2,647,679	\$ 2,833,379	7.01%	\$ 2,407,519	\$ 2,006,989

All Funds Financial Summaries

	2014 Actual Amount	2015 Actual Amount	2016 Estimated Amount	2016 Amended Budget	2017 Proposed	% Change	2018 Proposed	2019 Proposed
Local Streets Fund								
Revenues and Other Sources	\$ 1,668,206	\$ 2,006,127	\$ 2,040,120	\$ 2,011,220	\$ 2,443,600	21.50%	\$ 2,571,700	\$ 3,408,300
Expenditures - Public Works	1,761,276	1,702,573	2,758,000	3,228,210	2,781,840	-13.83%	2,870,890	3,708,900
Net Surplus/(Shortfall)	(93,070)	303,554	(717,880)	(1,216,990)	(338,240)	-72.21%	(299,190)	(300,600)
Beginning Fund Balance	2,981,967	2,888,897	3,192,451	3,192,451	2,474,571	-22.49%	2,136,331	1,837,141
Ending Fund Balance	\$ 2,888,897	\$ 3,192,451	\$ 2,474,571	\$ 1,975,461	\$ 2,136,331	8.14%	\$ 1,837,141	\$ 1,536,541
Refuse Fund								
Revenues and Other Sources	\$ 4,665,613	\$ 4,756,597	\$ 4,774,870	\$ 4,768,000	\$ 4,797,540	0.62%	\$ 4,862,450	\$ 4,906,130
Expenditures - Sanitation	4,267,897	4,606,610	4,540,520	4,573,000	4,979,650	8.89%	5,056,290	5,131,920
Net Surplus/(Shortfall)	397,715	149,987	234,350	195,000	(182,110)	-193.39%	(193,840)	(225,790)
Beginning Fund Balance	182,869	580,584	730,571	730,571	964,921	32.08%	782,811	588,971
Ending Fund Balance	\$ 580,584	\$ 730,571	\$ 964,921	\$ 925,571	\$ 782,811	-15.42%	\$ 588,971	\$ 363,181
Transit Center								
Revenues and Other Sources	\$ 21,000	\$ 67,463	\$ 80,590	\$ 71,320	\$ 82,480	15.65%	\$ 83,590	\$ 85,300
Expenditures - Community Development	-	63,966	80,590	71,320	82,480	15.65%	83,590	85,300
Net Surplus/(Shortfall)	21,000	3,497	-	-	-	0.00%	-	-
Beginning Fund Balance	-	21,000	24,497	24,497	24,497	0.00%	24,497	24,497
Ending Fund Balance	\$ 21,000	\$ 24,497	\$ 24,497	\$ 24,497	\$ 24,497	0.00%	\$ 24,497	\$ 24,497

All Funds Financial Summaries

	2014 Actual Amount	2015 Actual Amount	2016 Estimated Amount	2016 Amended Budget	2017 Proposed	% Change	2018 Proposed	2019 Proposed
Budget Stabilization Fund								
Revenues and Other Sources	\$ 8,541	\$ 4,740	\$ 12,000	\$ 10,000	\$ 12,000	20.00%	\$ 12,000	\$ 12,000
Expenditures - General Government	-	-	-	-	-	0.00%	-	-
Net Surplus/(Shortfall)	8,541	4,740	12,000	10,000	12,000	20.00%	12,000	12,000
Beginning Fund Balance	1,525,598	1,534,139	1,538,879	1,538,879	1,550,879	0.78%	1,562,879	1,574,879
Ending Fund Balance	\$ 1,534,139	\$ 1,538,879	\$ 1,550,879	\$ 1,548,879	\$ 1,562,879	0.90%	\$ 1,574,879	\$ 1,586,879
Drug Forfeiture Fund								
Revenues and Other Sources	\$ 420,486	\$ 280,508	\$ 101,000	\$ 130,000	\$ 101,000	-22.31%	\$ 101,000	\$ 101,000
Expenditures - Public Safety	84,976	151,077	102,000	152,000	304,500	100.33%	274,500	109,900
Net Surplus/(Shortfall)	335,510	129,431	(1,000)	(22,000)	(203,500)	825.00%	(173,500)	(8,900)
Beginning Fund Balance	218,524	554,034	683,465	683,465	682,465	-0.15%	478,965	305,465
Ending Fund Balance	\$ 554,034	\$ 683,465	\$ 682,465	\$ 661,465	\$ 478,965	-27.59%	\$ 305,465	\$ 296,565
Library Fund								
Revenues and Other Sources	\$ 3,338,998	\$ 3,441,896	\$ 3,590,730	\$ 3,574,310	\$ 3,490,910	-2.33%	\$ 3,527,130	\$ 3,555,700
Expenditures - Recreation and Culture	3,075,723	3,439,306	3,621,500	3,836,590	3,718,910	-3.07%	3,547,420	3,582,020
Net Surplus/(Shortfall)	263,275	2,590	(30,770)	(262,280)	(228,000)	-13.07%	(20,290)	(26,320)
Beginning Fund Balance	1,191,951	1,455,226	1,457,816	1,457,816	1,427,046	-2.11%	1,199,046	1,178,756
Ending Fund Balance	\$ 1,455,226	\$ 1,457,816	\$ 1,427,046	\$ 1,195,536	\$ 1,199,046	0.29%	\$ 1,178,756	\$ 1,152,436

All Funds Financial Summaries

	2014 Actual Amount	2015 Actual Amount	2016 Estimated Amount	2016 Amended Budget	2017 Proposed	% Change	2018 Proposed	2019 Proposed
Community Development Block Grant								
Revenues and Other Sources	\$ 58,778	\$ 56,941	\$ 247,000	\$ 259,850	\$ 247,500	-4.75%	\$ 142,000	\$ 142,000
Expenditures - Community Development	58,778	56,941	247,000	259,850	247,500	-4.75%	142,000	142,000
Net Surplus/(Shortfall)	-	-	-	-	-	0.00%	-	-
Beginning Fund Balance	-	-	-	-	-	0.00%	-	-
Ending Fund Balance	\$ -	\$ -	\$ -	\$ -	\$ -	0.00%	\$ -	\$ -
Cemetery Fund								
Revenues and Other Sources	\$ 1,970	\$ 2,965	\$ 4,200	\$ 2,100	\$ 2,100	0.00%	\$ 2,100	\$ 2,100
Expenditures - Community Development	21,362	1,565	2,100	2,100	2,100	0.00%	2,100	2,100
Net Surplus/(Shortfall)	(19,392)	1,400	2,100	-	-	0.00%	-	-
Beginning Fund Balance	227,661	208,269	209,669	209,669	211,769	1.00%	211,769	211,769
Ending Fund Balance	\$ 208,269	\$ 209,669	\$ 211,769	\$ 209,669	\$ 211,769	1.00%	\$ 211,769	\$ 211,769
Debt Service Funds								
General Debt Service Fund								
Revenues and Other Sources	\$ 2,999,582	\$ 3,018,072	\$ 3,127,940	\$ 3,119,500	\$ 2,729,490	-12.50%	\$ 2,764,190	\$ 2,788,820
Expenditures - Debt Service	3,064,764	3,103,486	3,097,000	3,097,000	3,044,350	-1.70%	2,872,750	2,946,480
Net Surplus/(Shortfall)	(65,183)	(85,414)	30,940	22,500	(314,860)	-1499.38%	(108,560)	(157,660)
Beginning Fund Balance	1,459,237	1,394,054	1,308,640	1,308,640	1,339,580	2.36%	1,024,720	916,160
Ending Fund Balance	\$ 1,394,054	\$ 1,308,640	\$ 1,339,580	\$ 1,331,140	\$ 1,024,720	-23.02%	\$ 916,160	\$ 758,500

All Funds Financial Summaries

	2014 Actual Amount	2015 Actual Amount	2016 Estimated Amount	2016 Amended Budget	2017 Proposed	% Change	2018 Proposed	2019 Proposed
2000 MTF Bond Fund								
Revenues and Other Sources	\$ 264,025	\$ -	\$ -	\$ -	\$ -	0.00%	\$ -	\$ -
Expenditures - Debt Service	264,025	-	-	-	-	0.00%	-	-
Net Surplus/(Shortfall)	-	-	-	-	-	0.00%	-	-
Beginning Fund Balance	-	-	-	-	-	0.00%	-	-
Ending Fund Balance	\$ -	\$ -	\$ -	\$ -	\$ -	0.00%	\$ -	\$ -
Proposal A Bond Debt Fund								
Revenues and Other Sources	\$ 881,019	\$ 950,275	\$ 914,600	\$ 914,600	\$ 903,150	-1.25%	\$ 890,350	\$ 921,180
Expenditures - Debt Service	881,019	950,275	914,600	914,600	903,150	-1.25%	890,350	921,180
Net Surplus/(Shortfall)	-	-	-	-	-	0.00%	-	-
Beginning Fund Balance	-	-	-	-	-	0.00%	-	-
Ending Fund Balance	\$ -	\$ -	\$ -	\$ -	\$ -	0.00%	\$ -	\$ -
Proposal B Bond Debt Fund								
Revenues and Other Sources	\$ 1,375,225	\$ 1,334,225	\$ 1,391,300	\$ 1,391,300	\$ 1,355,600	-2.57%	\$ 1,216,600	\$ 1,266,800
Expenditures - Debt Service	1,375,225	1,334,225	1,391,300	1,391,300	1,355,600	-2.57%	1,216,600	1,266,800
Net Surplus/(Shortfall)	-	-	-	-	-	0.00%	-	-
Beginning Fund Balance	-	-	-	-	-	0.00%	-	-
Ending Fund Balance	\$ -	\$ -	\$ -	\$ -	\$ -	0.00%	\$ -	\$ -

All Funds Financial Summaries

	2014 Actual Amount	2015 Actual Amount	2016 Estimated Amount	2016 Amended Budget	2017 Proposed	% Change	2018 Proposed	2019 Proposed
Proposal C Bond Debt Fund								
Revenues and Other Sources	\$ 745,900	\$ 753,050	\$ 722,600	\$ 722,600	\$ 717,100	-0.76%	\$ 696,300	\$ 689,000
Expenditures - Debt Service	745,900	753,050	722,600	722,600	717,100	-0.76%	696,300	689,000
Net Surplus/(Shortfall)	-	-	-	-	-	0.00%	-	-
Beginning Fund Balance	-	-	-	-	-	0.00%	-	-
Ending Fund Balance	\$ -	\$ -	\$ -	\$ -	\$ -	0.00%	\$ -	\$ -
Series 2013-DDA								
Revenues and Other Sources	\$ 15,681,778	\$ 958,688	\$ 951,000	\$ 951,000	\$ 941,900	-0.96%	\$ 931,500	\$ 923,700
Expenditures - Debt Service	15,681,778	958,688	951,000	951,000	941,900	-0.96%	931,500	923,700
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	\$ 16,728,147	\$ 19,302,285	\$ 21,715,750	\$ 23,371,000	\$ 15,328,530	-34.41%	\$ 14,184,390	\$ 14,504,350
Expenditures - Capital Outlay	14,275,893	19,756,795	23,753,670	26,770,600	18,879,220	-29.48%	14,852,990	11,706,030
Net Surplus/(Shortfall)	2,452,254	(454,509)	(2,037,920)	(3,399,600)	(3,550,690)	4.44%	(668,600)	2,798,320
Beginning Fund Balance	11,978,530	14,430,784	13,976,275	13,976,275	11,938,355	-14.58%	8,387,665	7,719,065
Ending Fund Balance	\$ 14,430,784	\$ 13,976,275	\$ 11,938,355	\$ 10,576,675	\$ 8,387,665	-20.70%	\$ 7,719,065	\$ 10,517,385

All Funds Financial Summaries

	2014 Actual Amount	2015 Actual Amount	2016 Estimated Amount	2016 Amended Budget	2017 Proposed	% Change	2018 Proposed	2019 Proposed
Special Assessments Fund								
Revenues and Other Sources	\$ 64,079	\$ 51,758	\$ -	\$ -	\$ -	0.00%	\$ -	\$ -
Expenditures - Capital Outlay	-	115,837	-	-	-	0.00%	-	-
Net Surplus/(Shortfall)	64,079	(64,079)	-	-	-	0.00%	-	-
Beginning Fund Balance	-	64,079	-	-	-	0.00%	-	-
Ending Fund Balance	<u>\$ 64,079</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>0.00%</u>	<u>\$ -</u>	<u>\$ -</u>
Enterprise Funds								
Sanctuary Lake Golf Course Fund								
Operating Revenues	\$ 1,335,432	\$ 1,375,137	\$ 1,625,260	\$ 1,399,810	\$ 1,528,120	9.17%	\$ 1,566,820	\$ 1,618,110
Operating Expenses	1,076,087	1,119,466	1,194,030	1,124,180	1,329,930	18.30%	1,354,400	1,374,610
Income Before Cap/Dep	<u>259,345</u>	<u>255,671</u>	<u>431,230</u>	<u>275,630</u>	<u>198,190</u>	<u>-28.10%</u>	<u>212,420</u>	<u>243,500</u>
Capital/Depreciation Expense	331,580	315,690	145,200	150,000	50,000	-66.67%	50,000	-
Income from Operations	<u>(72,235)</u>	<u>(60,019)</u>	<u>286,030</u>	<u>125,630</u>	<u>148,190</u>	<u>17.96%</u>	<u>162,420</u>	<u>243,500</u>
Other Financing Uses	(324,354)	(298,686)	(879,640)	(886,390)	(855,280)	-3.51%	(831,300)	(909,600)
Net Income/(Loss)	<u>(396,589)</u>	<u>(358,705)</u>	<u>(593,610)</u>	<u>(760,760)</u>	<u>(707,090)</u>	<u>-7.05%</u>	<u>(668,880)</u>	<u>(666,100)</u>
Beginning Net Position	(5,337,513)	(5,734,102)	(6,092,807)	(6,092,807)	(6,686,417)	9.74%	(7,393,507)	(8,062,387)
Ending Net Position	<u>\$ (5,734,102)</u>	<u>\$ (6,092,807)</u>	<u>\$ (6,686,417)</u>	<u>\$ (6,853,567)</u>	<u>\$ (7,393,507)</u>	<u>7.88%</u>	<u>\$ (8,062,387)</u>	<u>\$ (8,728,487)</u>

All Funds Financial Summaries

	2014 Actual Amount	2015 Actual Amount	2016 Estimated Amount	2016 Amended Budget	2017 Proposed	% Change	2018 Proposed	2019 Proposed
Sylvan Glen Golf Course Fund								
Operating Revenues	\$ 989,207	\$ 1,130,360	\$ 1,213,270	\$ 1,223,700	\$ 1,172,320	-4.20%	\$ 1,188,440	\$ 1,204,820
Operating Expenses	945,627	999,475	1,069,640	1,043,450	989,280	-5.19%	1,002,440	1,015,070
Income Before Cap/Dep	43,580	130,885	143,630	180,250	183,040	1.55%	186,000	189,750
Capital/Depreciation Expense	145,228	125,887	58,780	68,000	139,000	104.41%	-	46,720
Income from Operations	(101,648)	4,999	84,850	112,250	44,040	-60.77%	186,000	143,030
Other Financing Uses	482	(4,715)	10,450	(6,500)	(6,500)	0.00%	(6,500)	(6,500)
Net Income/(Loss)	(101,166)	283	95,300	105,750	37,540	-64.50%	179,500	136,530
Beginning Net Position	5,666,853	5,565,687	5,565,970	5,565,970	5,661,270	1.71%	5,698,810	5,878,310
Ending Net Position	\$ 5,565,687	\$ 5,565,970	\$ 5,661,270	\$ 5,671,720	\$ 5,698,810	0.48%	\$ 5,878,310	\$ 6,014,840
Aquatic Center								
Operating Revenues	\$ 532,291	\$ 431,142	\$ 676,700	\$ 668,800	\$ 702,800	5.08%	\$ 704,800	\$ 706,800
Operating Expenses	366,528	423,099	546,890	440,730	531,590	20.62%	538,750	547,810
Income Before Cap/Dep	165,763	8,043	129,810	228,070	171,210	-24.93%	166,050	158,990
Capital/Depreciation Expense	159,759	158,303	248,060	75,000	169,000	125.33%	60,000	110,000
Income from Operations	6,004	(150,260)	(118,250)	153,070	2,210	-98.56%	106,050	48,990
Other Financing Uses	-	-	-	-	-	0.00%	-	-
Net Income/(Loss)	6,004	(150,260)	(118,250)	153,070	2,210	-98.56%	106,050	48,990
Beginning Net Position	1,216,600	1,222,604	1,072,344	1,072,344	954,094	-11.03%	956,304	1,062,354
Ending Net Position	\$ 1,222,604	\$ 1,072,344	\$ 954,094	\$ 1,225,414	\$ 956,304	-21.96%	\$ 1,062,354	\$ 1,111,344

All Funds Financial Summaries

	2014 Actual Amount	2015 Actual Amount	2016 Estimated Amount	2016 Amended Budget	2017 Proposed	% Change	2018 Proposed	2019 Proposed
Sewer Fund								
Operating Revenues	\$ 12,722,127	\$ 12,270,829	\$ 13,078,100	\$ 13,146,300	\$ 13,143,300	-0.02%	\$ 12,826,600	\$ 12,844,000
Operating Expenses	10,311,724	11,658,592	11,725,010	12,670,960	12,480,350	-1.50%	12,719,980	12,965,640
Income Before Cap/Dep	2,410,403	612,238	1,353,090	475,340	662,950	39.47%	106,620	(121,640)
Capital/Depreciation Expense	2,563,897	1,145,173	6,415,720	8,477,500	2,058,000	-75.72%	2,200,000	600,000
Income from Operations	(153,494)	(532,935)	(5,062,630)	(8,002,160)	(1,395,050)	-82.57%	(2,093,380)	(721,640)
Other Financing Uses	-	-	-	-	-	0.00%	-	-
Net Income/(Loss)	(153,494)	(532,935)	(5,062,630)	(8,002,160)	(1,395,050)	-82.57%	(2,093,380)	(721,640)
Beginning Net Position	66,044,122	65,890,628	65,357,693	65,357,693	60,295,063	-7.75%	58,900,013	56,806,633
Ending Net Position	\$ 65,890,628	\$ 65,357,693	\$ 60,295,063	\$ 57,355,533	\$ 58,900,013	2.69%	\$ 56,806,633	\$ 56,084,993
Water Fund								
Operating Revenues	\$ 15,371,508	\$ 14,690,689	\$ 17,021,230	\$ 16,852,200	\$ 18,977,170	12.61%	\$ 19,332,430	\$ 19,655,600
Operating Expenses	13,325,149	13,492,942	15,913,460	16,078,730	17,475,420	8.69%	18,062,390	18,665,850
Income Before Cap/Dep	2,046,359	1,197,746	1,107,770	773,470	1,501,750	94.16%	1,270,040	989,750
Capital/Depreciation Expense	2,178,539	2,267,079	4,160,000	3,400,000	1,500,000	-55.88%	1,300,000	1,500,000
Income from Operations	(132,180)	(1,069,332)	(3,052,230)	(2,626,530)	1,750	-100.07%	(29,960)	(510,250)
Other Financing Uses	-	-	-	-	-	0.00%	-	-
Net Income/(Loss)	(132,180)	(1,069,332)	(3,052,230)	(2,626,530)	1,750	-100.07%	(29,960)	(510,250)
Beginning Net Position	100,840,441	100,708,261	99,638,929	99,638,929	96,586,699	-3.06%	96,588,449	96,558,489
Ending Net Position	\$ 100,708,261	\$ 99,638,929	\$ 96,586,699	\$ 97,012,399	\$ 96,588,449	-0.44%	\$ 96,558,489	\$ 96,048,239

All Funds Financial Summaries

	2014 Actual Amount	2015 Actual Amount	2016 Estimated Amount	2016 Amended Budget	2017 Proposed	% Change	2018 Proposed	2019 Proposed
Internal Service Funds								
Building Operations Fund								
Operating Revenues	\$ 880,450	\$ 928,833	\$ 881,310	\$ 1,065,200	\$ 1,115,100	4.68%	\$ 1,133,150	\$ 1,151,840
Operating Expenses	879,974	928,833	981,310	1,065,200	1,115,100	4.68%	1,133,150	1,151,840
Income Before Cap/Dep	475	-	(100,000)	-	-	0.00%	-	-
Capital/Depreciation Expense	-	-	-	-	-	0.00%	-	-
Income from Operations	475	-	(100,000)	-	-	0.00%	-	-
Other Financing Uses	-	-	-	-	-	0.00%	-	-
Net Income/(Loss)	475	-	(100,000)	-	-	0.00%	-	-
Beginning Net Position	599,525	600,000	600,000	600,000	500,000	-16.67%	500,000	500,000
Ending Net Position	\$ 600,000	\$ 600,000	\$ 500,000	\$ 600,000	\$ 500,000	-16.67%	\$ 500,000	\$ 500,000
Fleet Maintenance Fund								
Operating Revenues	\$ 4,191,199	\$ 4,035,831	\$ 3,741,490	\$ 4,310,440	\$ 4,077,300	-5.41%	\$ 4,158,210	\$ 4,243,840
Operating Expenses	2,972,756	3,116,617	3,003,280	3,718,470	3,585,470	-3.58%	3,706,040	3,744,180
Income Before Cap/Dep	1,218,443	919,214	738,210	591,970	491,830	-16.92%	452,170	499,660
Capital/Depreciation Expense	600,796	676,411	1,639,060	1,589,000	746,000	-53.05%	956,000	544,000
Income from Operations	617,647	242,803	(900,850)	(997,030)	(254,170)	-74.51%	(503,830)	(44,340)
Other Financing Uses	(450,000)	-	-	-	-	0.00%	-	-
Net Income/(Loss)	167,647	242,803	(900,850)	(997,030)	(254,170)	-74.51%	(503,830)	(44,340)
Beginning Net Position	9,362,505	9,530,152	9,772,955	9,772,955	8,872,105	-9.22%	8,617,935	8,114,105
Ending Net Position	\$ 9,530,152	\$ 9,772,955	\$ 8,872,105	\$ 8,775,925	\$ 8,617,935	-1.80%	\$ 8,114,105	\$ 8,069,765

All Funds Financial Summaries

	2014 Actual Amount	2015 Actual Amount	2016 Estimated Amount	2016 Amended Budget	2017 Proposed	% Change	2018 Proposed	2019 Proposed
Information Technology Fund								
Operating Revenues	\$ 1,513,948	\$ 1,869,625	\$ 1,845,930	\$ 2,010,930	\$ 1,948,770	-3.09%	\$ 1,991,770	\$ 2,031,530
Operating Expenses	1,708,929	1,945,593	1,767,870	1,840,790	1,805,750	-1.90%	2,122,970	1,987,540
Income Before Cap/Dep	(194,981)	(75,968)	78,060	170,140	143,020	-15.94%	(131,200)	43,990
Capital/Depreciation Expense	69,752	110,661	135,000	165,000	145,000	-12.12%	140,000	60,000
Income from Operations	(264,734)	(186,630)	(56,940)	5,140	(1,980)	-138.52%	(271,200)	(16,010)
Other Financing Uses	-	-	-	-	-	0.00%	-	-
Net Income/(Loss)	(264,734)	(186,630)	(56,940)	5,140	(1,980)	-138.52%	(271,200)	(16,010)
Beginning Net Position	1,714,964	1,450,230	1,263,601	1,263,601	1,206,661	-4.51%	1,204,681	933,481
Ending Net Position	\$ 1,450,230	\$ 1,263,601	\$ 1,206,661	\$ 1,268,741	\$ 1,204,681	-5.05%	\$ 933,481	\$ 917,471
Unemployment Fund								
Operating Revenues	\$ 91,597	\$ 3,283	\$ 3,500	\$ 158,000	\$ 3,600	-97.72%	\$ 3,700	\$ 3,800
Operating Expenses	151,597	3,283	3,500	158,000	3,600	-97.72%	3,700	3,800
Income Before Cap/Dep	(59,999)	-	-	-	-	0.00%	-	-
Capital/Depreciation Expense	-	-	-	-	-	0.00%	-	-
Income from Operations	(59,999)	-	-	-	-	0.00%	-	-
Other Financing Uses	-	-	-	-	-	0.00%	-	-
Net Income/(Loss)	(59,999)	-	-	-	-	0.00%	-	-
Beginning Net Position	99,999	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**

	2014 Actual Amount	2015 Actual Amount	2016 Estimated Amount	2016 Amended Budget	2017 Proposed	% Change	2018 Proposed	2019 Proposed
Worker's Compensation Fund								
Operating Revenues	\$ 195,377	\$ 312,947	\$ 346,990	\$ 494,000	\$ 337,130	-31.76%	\$ 362,080	\$ 369,310
Operating Expenses	377,378	312,947	346,990	494,000	337,130	-31.76%	362,080	369,310
Income Before Cap/Dep	(182,000)	0	-	-	-	0.00%	-	-
Capital/Depreciation Expense	-	-	-	-	-	0.00%	-	-
Income from Operations	(182,000)	0	-	-	-	0.00%	-	-
Other Financing Uses	-	-	-	-	-	0.00%	-	-
Net Income/(Loss)	(182,000)	0	-	-	-	0.00%	-	-
Beginning Net Position	2,182,000	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
Compensated Absences Fund								
Operating Revenues	\$ 3,844,100	\$ 3,675,960	\$ 3,693,920	\$ 3,856,100	\$ 4,046,660	4.94%	\$ 4,115,230	\$ 4,185,100
Operating Expenses	3,851,050	3,763,267	3,606,614	3,856,100	4,046,660	4.94%	4,115,230	4,185,100
Income Before Cap/Dep	(6,950)	(87,307)	87,306	-	-	0.00%	-	-
Capital/Depreciation Expense	-	-	-	-	-	0.00%	-	-
Income from Operations	(6,950)	(87,307)	87,306	-	-	0.00%	-	-
Other Financing Uses	-	-	-	-	-	0.00%	-	-
Net Income/(Loss)	(6,950)	(87,307)	87,306	-	-	0.00%	-	-
Beginning Net Position	1,006,952	1,000,002	912,694	912,694	1,000,000	9.57%	1,000,000	1,000,000
Ending Net Position	\$ 1,000,002	\$ 912,694	\$ 1,000,000	\$ 912,694	\$ 1,000,000	9.57%	\$ 1,000,000	\$ 1,000,000

Personnel Summary

	Approved		Approved		Requested	
	2014/15		2015/16		2016/17	
	FT	PT	FT	PT	FT	PT
Accounting						
Account Clerk I	1.00		1.00			
Account Clerk II					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
Next Assistant		0.70		0.80		
Total for Accounting	6.00	1.50	6.00	1.60	6.00	1.60
Aquatic Center						
Aquatics Coordinator						
Assistant Pool Manager-TFAC		0.80		0.90		1.80
Cashier-Aquatic Center		1.10		1.30		2.10
Coordinator - Recreation TFAC						0.10
Instructor-Water Safety TFAC		1.60		1.00		1.00
Instructor-Water Safety-PrivTFAC		0.10		0.30		0.50
Lifeguard TFAC		6.60		7.60		7.30
Pool Manager-TFAC		0.40		0.30		0.70
Total for Aquatic Center	0.00	10.60	0.00	11.40	0.00	13.50
Assessing						
Account Clerk II	2.00		2.00		2.00	
Appraiser	2.00		2.00		3.00	
Appraiser PT		0.70		0.70		0.00
City Assessor	1.00		1.00		1.00	
Deputy City Assessor	1.00		1.00		1.00	
Total for Assessing	6.00	0.70	6.00	0.70	7.00	0.00

Personnel Summary

	Approved 2014/15		Approved 2015/16		Requested 2016/17	
	FT	PT	FT	PT	FT	PT
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
Building Operations						
Building Maint Specialist	4.00		4.00		4.00	
Building Maint Specialist II	1.00		1.00		1.00	
Building Maint Specialist PT		1.10		1.00		0.50
Building Maint Technician					1.00	
Building Operations Director	1.00		1.00		1.00	
Next Assistant	0.00	0.80	0.00	0.80	0.00	0.80
Secretary	1.00		1.00		1.00	
Total for Building Operations	7.00	1.90	7.00	1.80	8.00	1.30
City Attorney						
Attorney I	1.00		1.00		0.00	
Attorney II	2.00		2.00		3.00	
City Attorney	1.00		1.00		1.00	
Next Assistant				0.10		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	0.00	7.00	0.10	7.00	0.30
City Clerk						
Administrative Aide	1.00		1.00		1.00	
City Clerk	1.00		1.00		1.00	
Election Aide		0.10		0.20		1.20
Next Assistant				0.50		0.20
Office Assistant I	2.00		2.00		2.00	
Office Assistant PT		0.80		0.80		0.80
Total for City Clerk	4.00	0.90	4.00	1.50	4.00	2.20

Personnel Summary

	Approved		Approved		Requested	
	2014/15		2015/16		2016/17	
	FT	PT	FT	PT	FT	PT
Engineering						
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	0.25		0.20		0.20	
Inspector Supervisor	1.00		1.00		1.00	
Land Surveyor	1.00		1.00		1.00	
MSE-E Engineering Specialist II	2.00		2.00		3.00	
MSE-H Engineering Specialist III	1.00		1.00		1.00	
Secretary II	1.00		1.00		1.00	
Sr Right of Way Representative	1.00		1.00		1.00	
Sr Traffic Engineering Tech		0.30		0.00		
Total for Engineering	11.25	0.30	11.20	0.00	12.20	0.00
Fire						
Administrative Aide PT						0.50
Division Assistant Chief	1.00		1.00		1.00	
Fire Chief	1.00		1.00		1.00	
Fire Staff Assistant		1.70		1.80		1.70
Fire Staff Lieutenant	5.00		4.00		4.00	
Fire Staff Technician	3.00		5.00		5.00	
Next Assistant				0.30		0.00
Office Assistant PT		0.50		0.50		0.00
Secretary	1.00		1.00		1.00	
Total for Fire	11.00	2.20	12.00	2.60	12.00	2.20
Historic Village - Contracted with Non-Profit Entity 2011/12						
MSE-C Equipment Operator I	0.10		0.19	0.10	0.31	0.00
Total for Historic Village	0.10	0.00	0.19	0.10	0.31	0.00
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	
	2014/15		2015/16		2016/17	
	FT	PT	FT	PT	FT	PT
Human Resources						
Administrative Aide PT						
Administrative Aide PT - Shared						
Human Resource Coordinator	2.00		2.00		2.00	
Human Resources Director	1.00		1.00		1.00	
Human Resources Specialist						
Next Assistant		0.50		0.50		0.60
Office Leader					1.00	
Secretary II	1.00		1.00			
Total for Human Resources	4.00	0.50	4.00	0.50	4.00	0.60
Information Technology						
Application Specialist	2.00		2.00		2.00	
Application Specialist PT						
Data Proc Analyst/Programmer	1.00		1.00		1.00	
GIS Administrator	1.00		0.50		0.50	
GIS Analyst	0.25		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	10.25	0.00	9.70	0.00	9.70	0.00
Library						
Administrative Aide	1.00		1.00		1.00	
Administrative Aide PT				0.60		0.30
Assistant Library Director	1.00		1.00		1.00	
Circulation Supervisor	1.00		1.00		1.00	
Next Assistant		1.50		1.40		0.50
Librarian I	1.00		1.00		2.00	
Librarian II	2.00		2.00		2.00	
Librarian PT		6.90		8.70		7.70

Personnel Summary

	Approved		Approved		Requested	
	2014/15		2015/16		2016/17	
	FT	PT	FT	PT	FT	PT
Library Continued						
Librarian-Substitute		1.00		1.00		1.00
Library Aide PT		6.40		5.80		6.70
Library Aide-Substitute		0.50		0.40		0.10
Library Assistant		7.40		7.70		6.70
Library Assistant-Substitute		1.20		0.80		0.70
Library Director	1.00		1.00		1.00	
Library Page		5.30		4.90		4.90
Library Page-Substitute				0.40		0.20
Library System Specialist		0.50		0.50		0.50
Marketing & Development Coord	0.50		0.50		0.50	
Technical Services Supervisor		1.00		0.60		1.00
Technology Specialist	1.00		1.00		1.00	
Total for Library	8.50	31.70	8.50	32.80	9.50	30.30
Manager						
Acting Asst City Mgr-EconDevSrvs						
Administrative Aide						
Administrative Asst to City Mgr						
Asst City Mgr-Finance/Admin						
Asst to CM/Cont Improvement Coord	1.00		1.00		1.00	
Cable Production Specialist		0.40		0.40		0.40
Camera Operator		0.10		0.10		0.00
City Manager	1.00		1.00		1.00	
Community Affairs Director (Police/CMO)	0.50		0.50		1.00	
Customer Service/Reception					1.00	
Director of Financial Services	1.00		1.00		1.00	
Economic & Comm Development Dir	1.00		1.00		1.00	
Economic Dev Specialist	1.00		1.00		1.00	
Next Assistant		1.00		1.40		0.60
Management Analyst			1.00		1.00	
Marketing Coordinator (Lib/CMO)	0.50		0.50		1.00	

Personnel Summary

	Approved		Approved		Requested	
	2014/15		2015/16		2016/17	
	FT	PT	FT	PT	FT	PT
Manager Continued						
Office Coordinator	1.00		1.00		1.00	
Total for Manager	7.00	1.50	8.00	1.90	10.00	1.00
Fleet Maintenance						
Field Supervisor	2.00		2.00		2.00	
Inventory Control Assistant	1.00		1.00		1.00	
MSE-D Service Tech I-Fleet	3.00		3.00		3.00	
MSE-F Trade Specialist I	6.00		6.00		6.00	
MSE-G Trade Specialist II	4.00		4.00		4.00	
Public Works Assistant		1.00		1.00		1.00
Public Works Director	0.33		0.33		0.33	
Supt of Fleet Maintenance	1.00		1.00		1.00	
Total for Motor Pool	17.33	1.00	17.33	1.00	17.33	1.00
Nature Center - Contracted with Non-Profit Entity 2011/12						
Coordinator-Nature Center						
Total for Nature Center	0.00	0.00	0.00	0.00	0.00	0.00
Parks						
Field Supervisor	1.00		0.98		0.98	
MSE-C Equipment Operator I	1.90		1.95		1.95	
MSE-D Service Tech I-Parks	1.00					
MSE-F Park Maint.Trade Spec. I			1.00		0.88	
MSE-F Trade Specialist I	1.00		1.00		1.00	
MSE-G Leader	1.00		0.88		0.88	
Ordinance Enforcement Officer		0.40		0.10		0.10
Public Works Manager			0.33		0.33	
Seasonal Supervisor		1.20		1.10		1.10
Summer Laborer - Parks		7.20		8.00		8.10
Supt of Parks, Streets & Drains	0.33					
Total for Parks	6.23	8.80	6.14	9.20	6.02	9.30

Personnel Summary

	Approved		Approved		Requested	
	2014/15		2015/16		2016/17	
	FT	PT	FT	PT	FT	PT
Planning						
Building Official/Code Inspector	0.65		0.65		0.65	
Housing & Zoning Inspector PT		0.80		0.80		0.90
Housing & Zoning Inspector Temp		0.80		0.80		0.80
Planning Director	1.00		1.00		1.00	
Secretary II	1.00		1.00		1.00	
Zoning & Compliance Specialist	1.00		1.00		1.00	
Total for Planning	3.65	1.60	3.65	1.60	3.65	1.70
Police Department						
911 Operator		1.00		0.50		0.50
Administrative Assistant PT		0.40		0.20		
Background Investigator		1.40		1.40		1.30
Communications Supervisor	8.00		8.00		8.00	
Communications Support Spec.						0.50
Community Affairs Director	0.50		0.50			
Crime Data Analyst	1.00		1.00		1.00	
Crossing Guard		1.10		1.10		1.40
Emergency Manager Specialist			1.00		1.00	
Emergency Prep Planner	1.00					
Emergency Prep Planner PT						
Investigative Assistant						1.00
Investigative Assistant		0.90		0.90		0.90
Office Assistant PT		0.50		0.50		0.50
Office Coordinator	1.00		1.00		1.00	
Police Analyst/Planner	1.00		1.00		1.00	
Police Analyst/Programmer	1.00		1.00		1.00	
Next Assistant				0.20		
Police Captain	2.00		2.00		2.00	
Police Chief	1.00		1.00		1.00	
Police Computer Technician		0.50		0.50		0.50
Police Desk Attendant		2.90		2.90		2.40
Police Lieutenant	5.00		5.00		5.00	

Personnel Summary

	Approved		Approved		Requested	
	2014/15		2015/16		2016/17	
	FT	PT	FT	PT	FT	PT
Police Department-Continued						
Police Officer	78.00		79.00		79.00	
Police Records Supervisor	1.00		1.00		1.00	
Police Sergeant	15.00		15.00		15.00	
Police Service Aide	28.00		28.00		27.00	
Records Clerk	4.00		4.00		4.00	
Research & Tech Administrator	1.00		1.00		1.00	
Secretary II	4.00		4.00		4.00	
Student Enforcement Aide		0.10		0.10		0.10
Technical Support Specialist						
Total for Police Department	152.50	8.80	153.50	8.30	152.00	9.10
Purchasing						
Administrative Aide PT - Shared						
Buyer	1.00		1.00		1.00	
Next Assistant				0.70		0.70
Purchasing Manager	1.00		1.00		1.00	
Total for Purchasing	2.00	0.00	2.00	0.70	2.00	0.70
Recreation						
Account Clerk II	1.00		1.00		1.00	
Aide-Adaptive Program		0.70		0.80		0.80
Aide-Safety Town		0.10		0.10		
Aquatics & Fitness Coordinator						
Assistant Pool Manager-CC		2.40		1.70		2.20
Assistant Recreation Director	1.00		1.00		1.00	
Attendant-Community Center		3.40		3.30		3.30
Babysitter		1.50		1.60		1.40
Coordinator-Adaptive Program		0.40		0.40		0.40
Coordinator-Basketball Adult				0.10		0.10
Coordinator-Day Camp		0.30		0.30		0.30
Coordinator-Preschool		0.60		0.60		0.60
Coordinator-Recreation		5.60		4.90		5.90

Personnel Summary

	Approved		Approved		Requested	
	2014/15		2015/16		2016/17	
	FT	PT	FT	PT	FT	PT
Recreation - Continued						
Coordinator-Rentals		0.70				
Coordinator-Safety Town		0.10				0.10
Coordinator-Senior Program				0.20		0.20
Coordinator-Soccer-Adult		0.10		0.10		0.10
Coordinator-Softball-Adult		0.10		0.10		0.10
Coordinator-Softball-Youth		0.10				0.10
Coordinator-Volleyball-Adult		0.10				
Day Camp Leader		0.90		1.30		1.10
Fitness/Wellness Specialist-CC		0.30		0.40		0.40
Fitness/Wellness Specialist-REC		0.30		0.10		0.10
Fitness/Wellness Specialist-SEN		0.30				0.10
Instructor-Dance-Senior		0.10		0.10		0.10
Instructor-Preschool		2.40		2.30		2.70
Instructor-Safety Town		0.20		0.30		0.20
Instructor-Sports-Youth		0.20		0.10		0.10
Instructor-Water Safety CC				1.80		2.30
Instructor-Water Safety-Priv CC		0.30		0.80		0.70
Next Assistant				0.20		
Lifeguard CC		8.80		8.80		7.60
Marketing Coordinator (Lib/Rec)					0.50	
Office Leader			1.00		1.00	
Official-Basketball-Youth		0.20		0.20		0.30
Pool Manager-CC		0.40		0.70		0.70
Recreation Aide		5.20		6.20		7.00
Recreation Aide-Preschool		0.30		0.30		0.30
Recreation Aide-REC		1.10		0.80		0.50
Recreation Director	1.00		1.00		1.00	
Recreation Supervisor	2.00		2.00		2.00	
Recreation Supervisor-PT-REC		0.60		0.50		0.30
Recreation Supervisor-PT-SEN		0.50		1.20		1.10

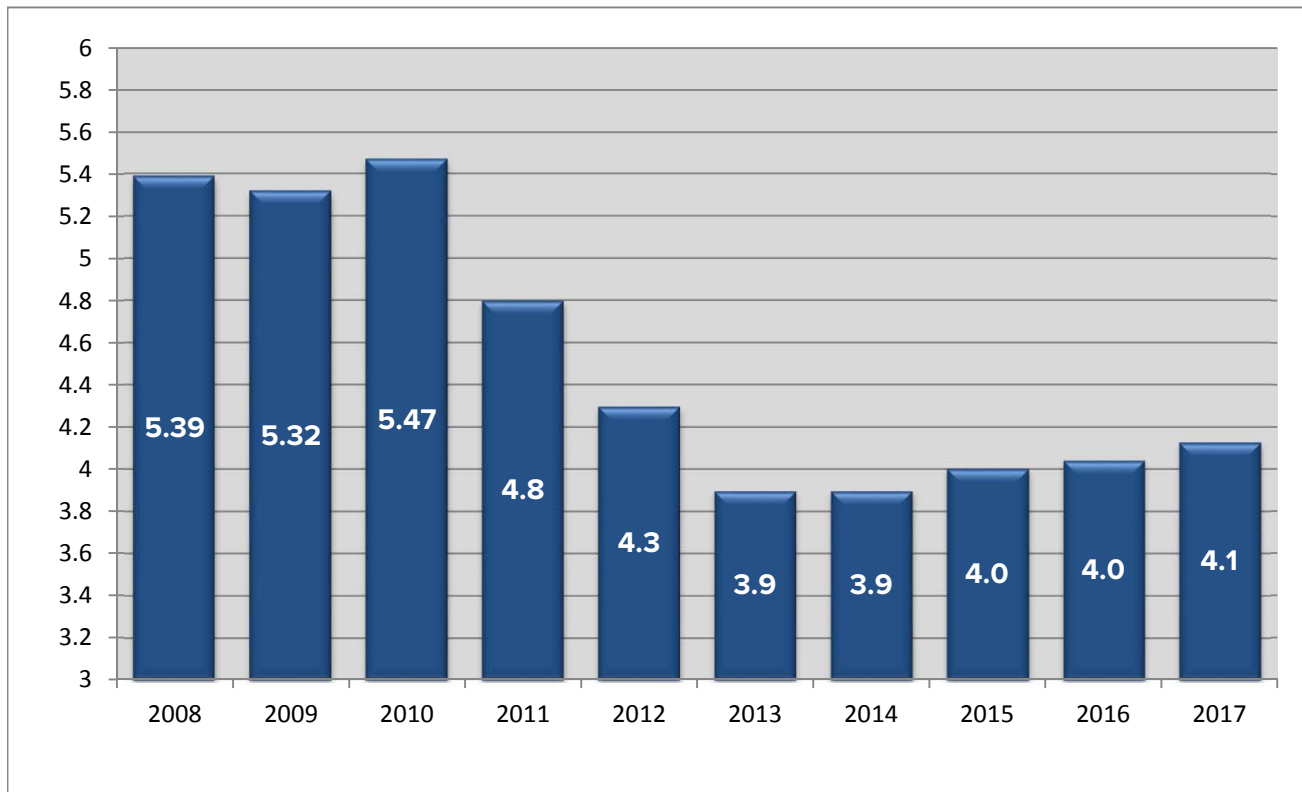
Personnel Summary

	Approved 2014/15		Approved 2015/16		Requested 2016/17	
	FT	PT	FT	PT	FT	PT
Recreation - Continued						
Scorekeeper						0.10
Secretary II	1.00					
Umpire		0.10		0.10		0.10
Total for Recreation	6.00	38.40	6.00	40.40	6.50	41.40
Refuse and Recycling						
Account Clerk I	0.34		0.05		0.05	
Administrative Aide			0.05			
Ordinance Enforcement Officer				0.20		0.30
Public Works Director	0.05		0.05		0.05	
Refuse/Recycling/Office Coord	0.10		0.10		0.10	
Total for Refuse and Recycling	0.49	0.00	0.25	0.20	0.20	0.30
Streets						
Account Clerk I	0.34		0.47		0.47	
Administrative Aide			0.47			
Division Supervisor	1.00		1.00		1.00	
Field Supervisor	1.00		1.00		1.00	
Next Assistant		1.40		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		0.30		0.10		0.10
Project Construction Manager	1.00		1.00			
Project Manager			1.00		1.00	
Public Works Director	0.28		0.28		0.28	
Public Works Manager			0.67		0.67	
Seasonal Supervisor				0.30		0.60
Summer Laborer - Streets		3.10		2.60		2.50
Supt of Parks, Streets & Drains	0.67					
Total for Streets	22.29	4.80	23.89	4.20	22.42	4.60

Personnel Summary

	Approved		Approved		Requested	
	2014/15		2015/16		2016/17	
	FT	PT	FT	PT	FT	PT
Treasurer						
Account Clerk I						
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	0.32		0.48		0.48	
Administrative Aide			0.48			
Cross Connection Inspector	1.00		1.00		1.00	
Division Supervisor	1.00		1.00		1.00	
GIS Administrator			0.50		0.50	
GIS Analyst	0.50		0.60		0.60	
MSE-C Equipment Operator I	11.00		11.00		11.00	
MSE-D Service Tech I-Water	7.00		7.00		7.00	
MSE-F Equipment Operator II	6.00		6.00		6.00	
MSE-G Leader	3.00		3.00		3.00	
Office Assistant I	3.00		3.00		3.00	
Public Works Director	0.34		0.34		0.34	
Refuse/Recycling/Office Coord	0.90		0.90		0.90	
Summer Laborer - Water		1.40		1.40		1.00
Supt of Water & Sewer Maint	1.00		1.00		1.00	
Total for Water & Sewer	35.06	1.40	36.30	1.40	35.82	1.00
Grand Total	332.00	116.60	337.00	122.00	340.00	122.10

New positions for 2016/2017 include:**City Manager** - Added 1 full-time east entrance receptionist**Assessing** - Added 1 full-time appraiser**Engineering** - Added 1 full-time inspector**Library** - Added 1 full-time teen librarian**Building Operations** - Added 1 full-time technician**Streets** - Reduced 1 full-time project manager**Police** - Reduced 1 full-time police service aide

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

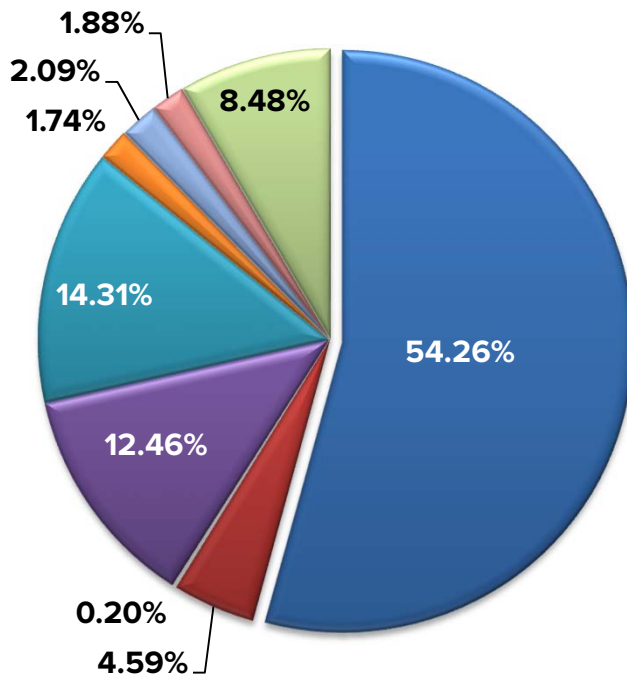
2017 is based on the population estimate provided by the Southeast Michigan Council of Governments (SEMCOG) for July 2015 of 82,339. The 2011 population count reflects the 2010 official U.S. census number of 80,980.

The background is a solid green color. Overlaid on this background is a complex, abstract pattern of thin white lines. These lines form a series of interconnected, irregular polygons and elongated shapes, creating a sense of depth and movement. The pattern is more dense in the center and fades slightly towards the edges.

GENERAL FUND

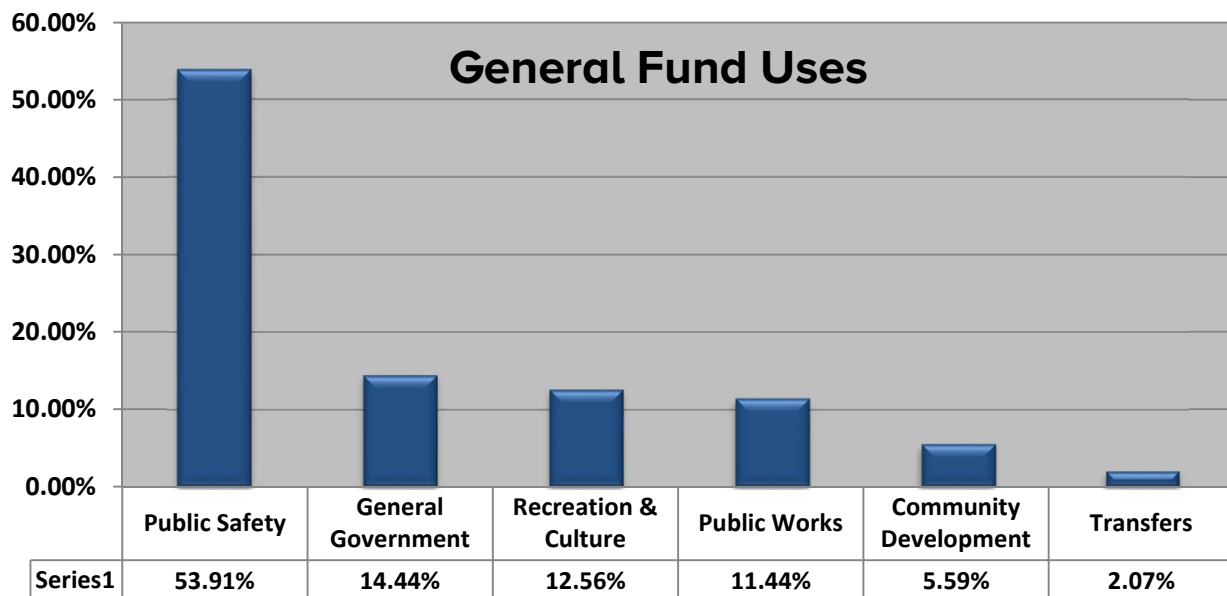
How the City Allocates General Fund Resources

General Fund Revenue Sources



Millions

Taxes	\$30.91
Licenses and Permits	\$2.613
Federal, State & Local Grants	\$0.114
State Shared Revenue	\$7.1
Charges for Services	\$8.15
Fines & Forfeitures	\$0.992
Interest & Rents	\$1.188
Other Revenues	\$1.069
Other Sources	\$4.83



General Fund Revenues Expenditures and Fund Balance

	2014 Actual Amount	2015 Actual Amount	2016 Estimated Amount	2016 Amended Budget	2017 Proposed	% Change	2018 Proposed	2019 Proposed
REVENUE								
Taxes	\$ 29,591,709	\$ 29,844,975	\$ 30,784,150	\$ 30,835,600	\$ 30,913,240	0.25%	\$ 31,313,030	\$ 31,588,380
Licenses And Permits	2,429,459	2,896,531	2,563,450	2,587,150	2,613,750	1.03%	2,663,240	2,708,820
Federal Grants	3,300	58,896	145,000	3,000	3,000	0.00%	3,000	3,000
State Grants	51,412	41,034	42,500	46,000	38,500	-16.30%	38,500	38,500
State Shared Revenue	6,502,877	6,604,085	6,622,170	6,867,300	7,100,080	3.39%	7,113,480	7,125,880
Contributions - Local	26,209	94,172	69,930	30,500	72,500	137.70%	72,500	72,500
Charges For Services	7,764,638	8,827,342	7,645,750	8,511,100	8,150,000	-4.24%	8,139,100	8,240,200
Fines And Forfeitures	861,348	1,015,803	987,250	844,000	992,250	17.57%	994,250	994,250
Interest & Rent	1,119,999	1,067,617	1,188,100	1,162,600	1,188,100	2.19%	1,193,100	1,198,100
Other Revenue	845,317	1,072,792	1,061,400	1,063,400	1,069,500	0.57%	1,080,900	1,095,300
Total Revenue	49,196,268	51,523,247	51,109,700	51,950,650	52,140,920	0.37%	52,611,100	53,064,930
OTHER FINANCING SOURCES								
Operating Transfers in	4,389,542	4,049,372	4,118,350	4,732,260	4,830,240	2.07%	4,831,930	4,872,370
Total Revenue & Other Financing Sources	53,585,810	55,572,619	55,228,050	56,682,910	56,971,160	0.51%	57,443,030	57,937,300
EXPENDITURES								
General Government								
Council/Executive Administration	3,318,943	3,696,693	3,848,780	4,029,320	4,677,040	16.08%	4,446,140	4,514,780
Financial Services	2,326,640	2,323,528	2,460,200	2,596,230	2,706,310	4.24%	2,737,900	2,778,260
Other General Government	937,966	897,199	1,097,710	1,144,400	1,170,010	2.24%	1,190,930	1,213,970
Total General Government	6,583,549	6,917,419	7,406,690	7,769,950	8,553,360	10.08%	8,374,970	8,507,010
Public Safety								
Police	21,248,637	22,045,814	23,141,620	24,237,560	24,715,740	1.97%	25,152,540	25,568,370
Fire	4,601,040	6,644,148	4,790,120	5,030,550	4,977,230	-1.06%	5,014,530	5,052,700
Building Inspections	2,155,491	2,331,208	2,219,460	2,513,720	2,235,890	-11.05%	2,258,120	2,280,590
Total Public Safety	28,005,168	31,021,169	30,151,200	31,781,830	31,928,860	0.46%	32,425,190	32,901,660
Public Works								
Streets	5,675,830	5,638,912	5,764,260	6,544,050	6,774,810	3.53%	6,661,450	6,692,460

General Fund Revenues Expenditures and Fund Balance

	2014 Actual Amount	2015 Actual Amount	2016 Estimated Amount	2016 Amended Budget	2017 Proposed	% Change	2018 Proposed	2019 Proposed
Community Development								
Engineering	2,054,912	2,319,942	2,430,350	2,341,890	2,418,530	3.27%	2,452,060	2,486,710
Planning	773,092	830,352	865,440	881,160	890,290	1.04%	902,230	913,430
Total Community Development	2,828,004	3,150,294	3,295,790	3,223,050	3,308,820	2.66%	3,354,290	3,400,140
Recreation and Culture								
Parks	2,209,632	2,372,723	2,646,550	2,756,310	2,894,340	5.01%	2,909,060	2,933,800
Recreation	3,669,418	3,887,644	4,124,410	4,082,990	4,199,110	2.84%	4,265,140	4,321,880
Nature Center	90,772	103,015	122,210	119,540	120,430	0.74%	121,320	122,150
Historic Village	149,298	160,490	170,130	179,710	223,700	24.48%	226,430	228,520
Total Recreation and Culture	6,119,121	6,523,871	7,063,300	7,138,550	7,437,580	4.19%	7,521,950	7,606,350
TOTAL - EXPENDITURES	49,211,672	53,251,666	53,681,240	56,457,430	58,003,430	2.74%	58,337,850	59,107,620
Surplus (Use) Before Other Uses	4,374,138	2,320,952	1,546,810	225,480	(1,032,270)	-557.81%	(894,820)	(1,170,320)
<u>OTHER FINANCING USES</u>								
Operating Transfers Out	3,550,000	5,300,000	7,285,000	10,360,000	1,225,000	-88.18%	-	-
TOTAL - EXPENDITURES/TRANS OUT	52,761,672	58,551,666	60,966,240	66,817,430	59,228,430	-11.36%	58,337,850	59,107,620
SURPLUS (USE) OF FUND BALANCE	824,138	(2,979,048)	(5,738,190)	(10,134,520)	(2,257,270)	-77.73%	(894,820)	(1,170,320)
BEGINNING FUND BALANCE	35,234,507	36,058,645	33,079,597	33,079,597	27,341,407	-17.35%	25,084,137	24,189,317
ENDING FUND BALANCE	\$ 36,058,645	\$ 33,079,597	\$ 27,341,407	\$ 22,945,077	\$ 25,084,137	9.32%	\$ 24,189,317	\$ 23,018,997

General Fund Revenue Detailed By Account

		2014 Actual Amount	2015 Actual Amount	2016 Estimated Amount	2016 Amended Budget	2017 Proposed	% Change	2018 Proposed	2019 Proposed
<u>REVENUE</u>									
<u>TAXES</u>									
4402	Property Taxes	\$ 27,759,372	\$ 28,033,534	\$ 28,891,150	\$ 28,811,600	\$ 29,019,740	0.72%	\$ 29,414,030	\$ 29,679,380
4423	Mobile Home Tax	1,047	985	1,000	1,500	1,000	-33.33%	1,000	1,000
4427	Senior Citizen Housing	37,027	36,970	37,000	37,000	37,500	1.35%	37,500	37,500
4445	Tax Penalties And Interest	467,384	413,740	450,000	550,000	450,000	-18.18%	450,000	450,000
4447	Administration Fee	1,326,878	1,359,747	1,405,000	1,435,500	1,405,000	-2.12%	1,410,500	1,420,500
TOTAL - TAXES		29,591,709	29,844,975	30,784,150	30,835,600	30,913,240	0.25%	31,313,030	31,588,380
<u>BUSINESS LICENSES AND PERMITS</u>									
4451.20	Electric, Plumbing, Heating	12,160	10,400	8,000	12,900	8,200	-36.43%	8,370	8,450
4451.30	Builders	385	3,055	3,500	1,600	3,600	125.00%	3,700	3,800
4451.40	Sign Erectors	195	150	200	200	200	0.00%	210	210
4451.50	Service Stations	175	200	200	200	200	0.00%	210	210
4451.60	Amusements	19,391	18,866	25,100	30,000	30,000	0.00%	30,000	30,000
4451.70	Other	27,453	17,828	21,500	32,000	22,000	-31.25%	22,500	23,000
TOTAL - LICENSES AND PERMITS		59,759	50,499	58,500	76,900	64,200	-16.51%	64,990	65,670
<u>NON-BUSINESS LICENSES AND PERMIT</u>									
4476.10	Refrig. And Air Cond	-	-	-	-	-	0.00%	-	-
4476.15	Building	1,647,012	2,071,964	1,743,200	1,743,200	1,778,000	2.00%	1,814,000	1,850,000
4476.20	Electrical	142,321	141,013	152,000	150,600	155,000	2.92%	159,000	162,000
4476.25	Mechanical Permits	146,636	148,251	152,000	155,200	152,000	-2.06%	155,000	155,000
4476.30	Plumbing	102,703	123,172	122,000	108,700	124,000	14.08%	127,000	130,000
4476.35	Animal	(3,926)	19,912	-	5,000	2,500	-50.00%	2,500	2,500
4476.40	Sidewalks	12,058	12,917	14,800	12,800	15,100	17.97%	15,400	15,700
4476.45	Fence	3,105	3,336	3,500	3,300	3,600	9.09%	3,700	3,800

General Fund Revenue Detailed By Account

		2014 Actual Amount	2015 Actual Amount	2016 Estimated Amount	2016 Amended Budget	2017 Proposed	% Change	2018 Proposed	2019 Proposed
4476.50	Sewer Inspection	17,769	15,500	13,500	18,800	13,800	-26.60%	14,000	14,400
4476.55	Right Of Way	25,840	25,900	20,000	30,000	25,000	-16.67%	25,500	26,000
4476.60	Mult. Dwelling Inspect.	41,000	35,620	45,000	30,000	45,000	50.00%	45,000	45,000
4476.65	Grading	9,475	11,790	8,000	13,000	8,100	-37.69%	8,200	8,300
4476.70	Fire Protection	107,495	112,489	115,000	110,000	115,000	4.55%	115,000	115,000
4476.75	Occupancy	69,239	83,177	65,000	80,000	66,000	-17.50%	67,000	68,000
4476.80	Sign	37,882	30,183	30,000	36,000	30,500	-15.28%	31,000	31,500
4476.85	Fireworks	250	250	350	250	350	40.00%	350	350
4476.90	Hazardous Materials	10,002	10,000	20,000	12,500	15,000	20.00%	15,000	15,000
4476.95	Miscellaneous	839	560	600	900	600	-33.33%	600	600
TOTAL - NON-BUS. LICENSE/PERMIT		2,369,700	2,846,032	2,504,950	2,510,250	2,549,550	1.57%	2,598,250	2,643,150
TOTAL - LICENSES AND PERMITS		2,429,459	2,896,531	2,563,450	2,587,150	2,613,750	1.03%	2,663,240	2,708,820

FEDERAL GRANTS

4507	Domestic Preparedness	-	-	-	-	-	0.00%	-	-
4510	Vest	3,300	11,496	3,000	3,000	3,000	0.00%	3,000	3,000
4516	Fire Act	-	-	-	-	-	0.00%	-	-
4519	Eecbg	-	-	-	-	-	0.00%	-	-
4520	Eecbg	-	31,716	-	-	-	0.00%	-	-
4569.200	FEMA Disaster	-	15,685	142,000	-	-	0.00%	-	-
TOTAL - FEDERAL GRANTS		\$ 3,300	\$ 58,896	\$ 145,000	\$ 3,000	\$ 3,000	0.00%	\$ 3,000	\$ 3,000

General Fund Revenue Detailed By Account

		2014 Actual Amount	2015 Actual Amount	2016 Estimated Amount	2016 Amended Budget	2017 Proposed	% Change	2018 Proposed	2019 Proposed
STATE GRANTS									
4512	Mcoles Police Academy	1,400	1,000	1,000	4,000	1,000	-75.00%	1,000	1,000
4543.100	Criminal Justice	22,400	17,378	15,000	22,000	15,000	-31.82%	15,000	15,000
4543.120	911 Training	22,612	22,656	20,000	20,000	20,000	0.00%	20,000	20,000
4543.130	Oakland County NET	-	-	2,500	-	2,500	100.00%	2,500	2,500
4569.110	Other Grants	5,000	-	4,000	-	-	0.00%	-	-
TOTAL - OTHER GRANTS		\$ 51,412	\$ 41,034	\$ 42,500	\$ 46,000	\$ 38,500	-16.30%	\$ 38,500	\$ 38,500
STATE REVENUE SHARING									
4574.010	Homestead Exemption Reimb	6,254	6,206	8,000	9,000	8,000	-11.11%	8,000	8,000
4574.020	Liquor Licenses	61,478	56,319	61,000	61,000	62,000	1.64%	63,000	63,000
4574.030	Sales Tax	6,074,713	6,170,125	6,181,740	6,426,300	6,194,100	-3.61%	6,206,500	6,218,900
4574.040	Evip	360,432	371,435	371,430	371,000	371,500	0.13%	371,500	371,500
4574.050	EMPP/PPEL Reimbursement	-	-	-	-	464,480	100.00%	464,480	464,480
TOTAL - STATE REVENUE SHARING		\$ 6,502,877	\$ 6,604,085	\$ 6,622,170	\$ 6,867,300	\$ 7,100,080	3.39%	\$ 7,113,480	\$ 7,125,880
TOTAL - STATE SOURCES		\$ 6,554,289	\$ 6,645,119	\$ 6,664,670	\$ 6,913,300	\$ 7,138,580	3.26%	\$ 7,151,980	\$ 7,164,380
CONTRIBUTIONS - LOCAL									
4581	RAP Grants/MMRMA	-	42,296	30,000	-	30,000	100.00%	30,000	30,000
4582	Public Safety	19,344	46,646	32,200	25,000	35,000	40.00%	35,000	35,000
4589	County-West Nile	6,865	5,230	7,730	5,500	7,500	36.36%	7,500	7,500
TOTAL - CONTRIBUTIONS - LOCAL		\$ 26,209	\$ 94,172	\$ 69,930	\$ 30,500	\$ 72,500	176.36%	\$ 72,500	\$ 72,500

General Fund Revenue Detailed By Account

	2014 Actual Amount	2015 Actual Amount	2016 Estimated Amount	2016 Amended Budget	2017 Proposed	% Change	2018 Proposed	2019 Proposed
CHARGES FOR SERVICES - FEES								
4607.015 Auto Crash Damage	-	-	1,350	-	-	0.00%	-	-
4607.020 Building B Of A	1,050	1,650	1,300	1,300	1,300	0.00%	1,300	1,300
4607.025 Bus. Occupancy Permit	6,830	3,700	5,000	5,000	5,000	0.00%	5,000	5,000
4607.030 Catv Franchise Fees	1,261,608	1,374,236	1,400,000	1,340,000	1,428,000	6.57%	1,456,000	1,485,000
4607.035 Ift Exemption Fee	836	1,073	1,000	1,000	1,000	0.00%	1,000	1,000
4607.050 Miscellaneous	6,715	(1,152)	2,000	6,800	2,000	-70.59%	2,000	2,000
4607.070 Plan Review	172,152	216,636	172,000	210,000	175,000	-16.67%	179,000	182,000
4607.085 Non-Sufficient Funds	8,122	8,450	10,000	10,000	10,000	0.00%	10,000	10,000
4607.090 Planned Unit Develop App.	-	3,000	-	-	-	0.00%	-	-
4607.110 Site Plans	28,895	18,635	15,000	25,000	25,000	0.00%	25,000	25,000
4607.135 Telecom - Metro	231,892	207,294	240,000	240,000	240,000	0.00%	240,000	240,000
4607.140 Towing	63,570	32,490	32,000	32,000	32,000	0.00%	32,000	32,000
4607.150 Vital Statistics	145,813	159,302	160,000	146,000	163,000	11.64%	166,000	169,000
4607.170 Zoning Board Of Appeals	2,850	1,350	1,600	3,000	1,600	-46.67%	1,600	1,600
4607.180 Zoning	9,300	7,700	5,000	10,000	5,000	-50.00%	5,000	5,000
TOTAL - CHARGES FOR FEES	\$ 1,939,634	\$ 2,034,364	\$ 2,046,250	\$ 2,030,100	\$ 2,088,900	2.90%	\$ 2,123,900	\$ 2,158,900

General Fund Revenue Detailed By Account

		2014 Actual Amount	2015 Actual Amount	2016 Estimated Amount	2016 Amended Budget	2017 Proposed	% Change	2018 Proposed	2019 Proposed
<u>CHARGES/SERVICES RENDERED</u>									
4626.010	Open And Close Cemetery	2,550	4,640	3,000	3,000	3,000	0.00%	3,000	3,000
4626.020	Court Ordered Pmt & Ins	555	8,761	500	500	500	0.00%	500	500
4626.030	County Road Maintenance	298,832	269,667	274,700	269,600	275,000	2.00%	275,000	275,000
4626.060	Department Of Public Works	45,728	134,666	40,000	80,000	60,000	-25.00%	60,000	60,000
4626.070	Duplicating And Photostats	10,203	9,560	7,000	10,000	7,100	-29.00%	7,200	7,300
4626.080	Election Services	110	46,037	46,000	40,000	300	-99.25%	300	300
4626.085	Special School Election Svcs	-	-	4,000	-	-	0.00%	-	-
4626.090	Engineering Fees	1,824,759	2,644,614	1,500,000	2,200,000	1,900,000	-13.64%	1,800,000	1,800,000
4626.100	Landscaping/Tree Pres Plan	-	-	-	-	-	0.00%	-	-
4626.110	Microfilming	5,077	5,693	5,000	5,000	5,000	0.00%	5,000	5,000
4626.120	Miscellaneous	3,190	2,402	3,000	3,000	3,000	0.00%	3,000	3,000
4626.125	Passports	51,254	64,587	60,000	45,000	60,000	33.33%	60,000	60,000
4626.130	Police Services - Contract	148,674	131,265	110,000	120,000	110,000	-8.33%	110,000	110,000
4626.132	Police Services - Somerset	165,000	168,675	240,000	240,000	245,000	2.08%	250,000	255,000
4626.135	Police Services - Clawson	172,514	179,412	186,600	186,500	194,000	4.02%	196,000	198,000
4626.140	Police Reports	64,264	56,424	55,000	55,000	55,000	0.00%	55,000	55,000
4626.141	Police Pbt	120	85	200	200	200	0.00%	200	200
4626.142	Police Training/Seminars	-	16,410	-	-	-	0.00%	-	-
4626.170	Row	6,960	6,120	10,000	10,000	10,000	0.00%	10,000	10,000
4626.210	Soil Erosion	34,750	39,770	30,000	30,000	30,000	0.00%	30,000	30,000
4626.220	Special Row Maintenance	-	-	-	-	-	0.00%	-	-
4626.230	Weed Cutting	3,758	3,681	10,000	10,000	10,000	0.00%	10,000	10,000
4626.270	Snow Removal	6,484	1,672	-	-	-	0.00%	-	-
TOTAL-CHARGE SERVICE RENDERED		\$ 2,844,781	\$ 3,794,139	\$ 2,585,000	\$ 3,307,800	\$ 2,968,100	-10.27%	\$ 2,875,200	\$ 2,882,300

General Fund Revenue Detailed By Account

	2014 Actual Amount	2015 Actual Amount	2016 Estimated Amount	2016 Amended Budget	2017 Proposed	% Change	2018 Proposed	2019 Proposed
<u>CHARGES/SERVICE - SALES</u>								
4642.010 Abandoned Vehicles	44,269	45,755	37,000	37,000	37,000	0.00%	37,000	37,000
4642.020 Auction- Property	-	8,055	6,000	5,000	5,000	0.00%	5,000	5,000
4642.070 Miscellaneous	15,754	17,751	15,000	15,000	15,000	0.00%	15,000	15,000
4642.080 Printed Materials	5,600	2,939	3,000	5,700	3,000	-47.37%	3,000	3,000
4642.100 Outdoor Edu. Center	506	200	1,000	-	500	100.00%	500	500
4642.115 Senior Store	12,287	26,913	28,000	18,000	28,000	55.56%	29,000	29,000
4642.120 Sign Installation	2,519	4,946	2,500	4,500	2,500	-44.44%	2,500	2,500
4642.150 Tree Planting	17,580	16,220	15,000	15,000	16,000	6.67%	-	-
TOTAL - CHARGES/SERVICE - SALES	\$ 98,515	\$ 122,777	\$ 107,500	\$ 100,200	\$ 107,000	6.79%	\$ 92,000	\$ 92,000
<u>CHARGES/SERVICE - USE/ADMIN</u>								
4651.050 Nature Center	-	-	-	-	-	0.00%	-	-
4651.074 Senior Citizen Activity	215,356	225,629	230,000	254,000	235,000	-7.48%	241,000	243,000
4651.075 Community Center Passes	1,592,933	1,634,343	1,680,000	1,680,000	1,716,000	2.14%	1,749,000	1,782,000
4651.076 Community Center Swim	237,155	218,464	210,000	245,000	230,000	-6.12%	235,000	240,000
4651.077 Community Center Fitness	56,456	33,279	35,000	40,000	35,000	-12.50%	38,000	40,000
4651.078 Comm. Prog./Events	12,528	9,594	22,000	14,000	25,000	78.57%	25,000	27,000
4651.080 Recreation	767,279	754,753	730,000	840,000	745,000	-11.31%	760,000	775,000
4651.090 Winter Program	-	-	-	-	-	0.00%	-	-
TOTAL - CHARGES FOR USE/ADMIN	\$ 2,881,708	\$ 2,876,061	\$ 2,907,000	\$ 3,073,000	\$ 2,986,000	-2.83%	\$ 3,048,000	\$ 3,107,000
TOTAL - CHARGES FOR SERVICES	\$ 7,764,638	\$ 8,827,342	\$ 7,645,750	\$ 8,511,100	\$ 8,150,000	-4.24%	\$ 8,139,100	\$ 8,240,200

General Fund Revenue Detailed By Account

		2014 Actual Amount	2015 Actual Amount	2016 Estimated Amount	2016 Amended Budget	2017 Proposed	% Change	2018 Proposed	2019 Proposed
<u>FINES AND FORFEITS</u>									
4655.010	County -Court	473,798	607,166	600,000	450,000	600,000	33.33%	600,000	600,000
4655.020	Drug Forfeiture Proceeds	-	-	-	-	-	0.00%	-	-
4655.022	Police Investigations	44,334	43,650	35,000	36,000	35,000	-2.78%	35,000	35,000
4655.030	False Alarms - Fire Dept	45,913	48,888	46,000	46,000	46,000	0.00%	46,000	46,000
4655.040	False Alarms - Police	207,713	222,313	220,000	220,000	220,000	0.00%	220,000	220,000
4655.046	Federal Drug Forfeiture	-	-	-	-	-	0.00%	-	-
4655.060	Ouil Reimbursement	87,661	91,720	85,000	90,000	90,000	0.00%	92,000	92,000
4655.062	Owi Forfeiture	-	-	-	-	-	0.00%	-	-
4655.065	Civil Infractions	700	515	250	1,000	250	-75.00%	250	250
4655.066	State Drug Forfeiture	-	-	-	-	-	0.00%	-	-
4655.070	Bond Processing Fees	1,230	1,552	1,000	1,000	1,000	0.00%	1,000	1,000
TOTAL - FINES AND FORFEITS		\$ 861,348	\$ 1,015,803	\$ 987,250	\$ 844,000	\$ 992,250	17.57%	\$ 994,250	\$ 994,250
<u>RENT INCOME</u>									
4667.010	Building Rent	268,528	273,707	261,500	255,000	261,500	2.55%	261,500	261,500
4667.015	Communication Tower	57,600	43,200	57,600	57,600	57,600	0.00%	57,600	57,600
4667.020	Concession Stand	2,400	2,400	-	-	-	0.00%	-	-
4667.025	Community Center Rent	308,078	294,300	315,000	315,000	315,000	0.00%	320,000	325,000
4667.028	Flynn Park - Beaumont	15,000	15,000	15,000	15,000	15,000	0.00%	15,000	15,000
4667.075	Field Maintenance	76,749	106,590	100,000	75,000	100,000	33.33%	100,000	100,000
4667.085	Parking Lot (Smart)	163,449	176,984	170,000	170,000	170,000	0.00%	170,000	170,000
4667.095	Tennis Bubble	35,961	26,562	29,000	29,000	29,000	0.00%	29,000	29,000
4667.268	Transit Center Sponsorship	-	-	-	6,000	-	-100.00%	-	-
TOTAL - RENT INCOME		\$ 927,764	\$ 938,744	\$ 948,100	\$ 922,600	\$ 948,100	2.76%	\$ 953,100	\$ 958,100

General Fund Revenue Detailed By Account

	2014 Actual Amount	2015 Actual Amount	2016 Estimated Amount	2016 Amended Budget	2017 Proposed	% Change	2018 Proposed	2019 Proposed
<u>INVESTMENT INCOME</u>								
4669.020 Investment Income	192,235	128,874	240,000	240,000	240,000	0.00%	240,000	240,000
TOTAL - INVESTMENT INCOME	\$ 192,235	\$ 128,874	\$ 240,000	\$ 240,000	\$ 240,000	0.00%	\$ 240,000	\$ 240,000
TOTAL - INTEREST AND RENTS	\$ 1,119,999	\$ 1,067,617	\$ 1,188,100	\$ 1,162,600	\$ 1,188,100	2.19%	\$ 1,193,100	\$ 1,198,100
<u>MISCELLANEOUS</u>								
4694 Cash Over/(Short)	(51)	122	-	-	-	0.00%	-	-
4671 Miscellaneous	51,961	17,726	25,000	25,000	25,000	0.00%	25,000	25,000
TOTAL - MISCELLANEOUS	\$ 51,910	\$ 17,849	\$ 25,000	\$ 25,000	\$ 25,000	\$ -	\$ 25,000	\$ 25,000
<u>PRIVATE CONTRIBUTIONS</u>								
4675.050 Fire Department	2,000	-	-	-	-	0.00%	-	-
4675.060 Miscellaneous	-	6,400	-	-	-	0.00%	-	-
4675.070 Museum	-	-	-	-	-	0.00%	-	-
4675.080 Police	-	-	-	-	-	0.00%	-	-
4675.100 Other	-	407	-	-	-	0.00%	-	-
4675.110 Parks And Recreation	9,525	11,550	10,000	7,000	10,000	42.86%	10,000	10,000
TOTAL - PRIVATE CONTRIBUTIONS	\$ 11,525	\$ 18,357	\$ 10,000	\$ 7,000	\$ 10,000	42.86%	\$ 10,000	\$ 10,000
<u>REIMBURSEMENTS</u>								
4676.010 Reimbursements	(25,036)	5,135	5,000	10,000	5,000	-50.00%	5,000	5,000
4676.268 Multimodal Transit Center	-	-	-	-	-	0.00%	-	-
TOTAL - REIMBURSEMENTS	\$ (25,036)	\$ 5,135	\$ 5,000	\$ 10,000	\$ 5,000	-50.00%	\$ 5,000	\$ 5,000

General Fund Revenue Detailed By Account

	2014 Actual Amount	2015 Actual Amount	2016 Estimated Amount	2016 Amended Budget	2017 Proposed	% Change	2018 Proposed	2019 Proposed
<u>ADMINISTRATIVE CHARGES</u>								
4677.226 Refuse	67,000	93,000	94,000	94,000	94,000	0.00%	95,000	96,000
4677.271 Library	45,000	45,000	45,500	45,500	45,500	0.00%	46,500	47,000
4677.301 Debt Service	46,000	59,900	60,500	60,500	60,500	0.00%	61,500	62,500
4677.584 Golf Course	10,000	10,000	10,100	10,100	10,200	0.99%	10,300	10,400
4677.590 Sewer	204,000	290,200	293,100	293,100	296,000	0.99%	299,000	303,000
4677.591 Water	283,000	358,300	361,900	361,900	365,500	0.99%	369,200	375,000
4677.661 Motor Pool	74,000	75,000	75,800	75,800	76,500	0.92%	77,300	78,500
4677.731 Retirement System	75,000	76,000	76,500	76,500	77,300	1.05%	78,100	78,900
TOTAL - ADMINISTRATIVE CHARGES	\$ 804,000	\$ 1,007,400	\$ 1,017,400	\$ 1,017,400	\$ 1,025,500	0.80%	\$ 1,036,900	\$ 1,051,300
<u>REFUNDS AND REBATES</u>								
4687.040 Rebates	2,918	24,052	4,000	4,000	4,000	0.00%	4,000	4,000
TOTAL - REFUNDS AND REBATES	\$ 2,918	\$ 24,052	\$ 4,000	\$ 4,000	\$ 4,000	0.00%	\$ 4,000	\$ 4,000
TOTAL - OTHER REVENUE	\$ 845,317	\$ 1,072,792	\$ 1,061,400	\$ 1,063,400	\$ 1,069,500	0.57%	\$ 1,080,900	\$ 1,095,300
TOTAL - REVENUE	\$ 49,196,268	\$ 51,523,247	\$ 51,109,700	\$ 51,950,650	\$ 52,140,920	0.37%	\$ 52,611,100	\$ 53,064,930

General Fund Revenue Detailed By Account

	2014 Actual Amount	2015 Actual Amount	2016 Estimated Amount	2016 Amended Budget	2017 Proposed	% Change	2018 Proposed	2019 Proposed
<u>OTHER FINANCING SOURCES</u>								
<u>OPERATING TRANSFERS IN</u>								
4699.101 General	-	-	-	-	-	0.00%	-	-
4699.150 Cemetery Fund	21,362	1,565	2,100	-	2,100	100.00%	2,100	2,100
4699.202 Major Street Fund	2,149,404	2,193,155	2,178,250	2,314,670	2,357,240	1.84%	2,349,240	2,371,040
4699.203 Local Streets Fund	1,761,276	1,702,573	1,758,000	2,228,210	2,281,840	2.41%	2,290,890	2,308,900
4699.243 LDFA	5,000	5,000	5,000	5,000	5,000	0.00%	5,000	5,000
4699.248 DDA	-	142,079	170,000	179,380	179,060	-0.18%	179,700	180,330
4699.250 Brownfield	2,500	5,000	5,000	5,000	5,000	0.00%	5,000	5,000
4699.403 Special Assessment	-	-	-	-	-	0.00%	-	-
4699.590 Sewer	-	-	-	-	-	0.00%	-	-
4699.661 Motor Pool	450,000	-	-	-	-	0.00%	-	-
TOTAL - OPERATING TRANSFERS IN	\$ 4,389,542	\$ 4,049,372	\$ 4,118,350	\$ 4,732,260	\$ 4,830,240	2.07%	\$ 4,831,930	\$ 4,872,370
TOTAL - OTHER FINANCING SOURCES	\$ 4,389,542	\$ 4,049,372	\$ 4,118,350	\$ 4,732,260	\$ 4,830,240	2.07%	\$ 4,831,930	\$ 4,872,370
1010 TOTAL - GENERAL FUND REVENUE	\$ 53,585,810	\$ 55,572,619	\$ 55,228,050	\$ 56,682,910	\$ 56,971,160	0.51%	\$ 57,443,030	\$ 57,937,300

General Fund Expenditure Details By Department

	2014 Actual Amount	2015 Actual Amount	2016 Estimated Amount	2016 Amended Budget	2017 Proposed	% Change	2018 Proposed	2019 Proposed
GENERAL GOVERNMENT								
<u>Council/Executive Administration</u>								
102 Council	\$ 49,703	\$ 88,390	\$ 88,090	\$ 85,810	\$ 84,750	-1.24%	\$ 86,050	\$ 87,360
172 City Manager	1,286,348	1,432,654	1,544,570	1,530,470	2,077,600	35.75%	1,826,800	1,856,300
215 Clerks Office								
215 Clerk	342,466	386,520	380,690	417,300	414,550	-0.66%	421,350	427,190
262 Elections	151,235	248,487	200,930	225,110	302,560	34.41%	301,950	305,280
266 City Attorney	1,019,157	1,042,015	1,104,320	1,184,630	1,193,160	0.72%	1,197,840	1,217,880
270 Human Resources	470,034	498,627	530,180	586,000	604,420	3.14%	612,150	620,770
Total Council/Executive Administration	\$ 3,318,943	\$ 3,696,693	\$ 3,848,780	\$ 4,029,320	\$ 4,677,040	16.08%	\$ 4,446,140	\$ 4,514,780
<u>Financial Services</u>								
191 Finance Department								
191 Accounting	\$ 624,346	\$ 662,732	\$ 723,780	\$ 762,310	\$ 797,930	4.67%	\$ 801,230	\$ 813,750
192 Risk Management	5,711	827	-	-	-	0.00%	-	-
223 Independent Auditor	57,000	57,000	-	57,000	57,000	0.00%	57,000	57,000
233 Treasurer's Office	569,086	500,008	528,650	565,040	557,600	-1.32%	565,060	572,640
247 Purchasing	212,174	232,836	246,530	252,020	256,860	1.92%	261,130	265,400
253 Assessing								
253 Board of Review	1,298	1,328	2,920	2,970	2,490	-16.16%	2,520	2,540
257 Assessor's Office	857,025	868,797	958,320	956,890	1,034,430	8.10%	1,050,960	1,066,930
Total Financial Services	\$ 2,326,640	\$ 2,323,528	\$ 2,460,200	\$ 2,596,230	\$ 2,706,310	4.24%	\$ 2,737,900	\$ 2,778,260
<u>Other General Government</u>								
264 Building Operations								
261 Fire/Police Training Center	\$ 73,022	\$ 79,251	\$ 91,280	\$ 102,710	\$ 105,250	2.47%	\$ 107,170	\$ 109,190
265 City Hall	666,590	606,472	772,080	787,680	805,770	2.30%	821,530	837,830
277 District Court	198,353	211,475	234,350	254,010	258,990	1.96%	262,230	266,950
Total Other General Government	\$ 937,966	\$ 897,199	\$ 1,097,710	\$ 1,144,400	\$ 1,170,010	2.24%	\$ 1,190,930	\$ 1,213,970
TOTAL GENERAL GOVERNMENT	\$ 6,583,549	\$ 6,917,419	\$ 7,406,690	\$ 7,769,950	\$ 8,553,360	10.08%	\$ 8,374,970	\$ 8,507,010

General Fund Expenditure Details By Department

	2014 Actual Amount	2015 Actual Amount	2016 Estimated Amount	2016 Amended Budget	2017 Proposed	% Change	2018 Proposed	2019 Proposed
PUBLIC SAFETY								
Police								
10 Executive Administration								
305 Police Administration	\$ 1,619,054	\$ 1,537,854	\$ 1,612,000	\$ 1,626,905	\$ 1,631,710	0.30%	\$ 1,659,200	\$ 1,690,320
320 Professional Standards	598,791	659,248	713,880	702,320	749,930	6.78%	761,980	775,460
Total Executive Administration	2,217,846	2,197,102	2,325,880	2,329,225	2,381,640	2.25%	2,421,180	2,465,780
11 Investigative/Admin Services								
307 Investigations Services	2,046,760	2,012,463	2,043,260	2,050,565	2,159,590	5.32%	2,197,740	2,232,470
308 Crime Information Unit	491,366	489,928	496,500	545,940	502,090	-8.03%	511,340	519,050
309 Special Investigations Unit	507,298	528,897	561,240	564,260	594,160	5.30%	586,150	595,820
311 Drug Enforcement (DEA)	196,573	187,426	205,710	200,530	204,280	1.87%	207,800	211,380
321 Criminal Justice Training	21,844	22,429	20,800	20,800	21,300	2.40%	21,730	22,170
322 Training Section	416,000	424,005	405,900	397,710	418,670	5.27%	426,440	433,210
324 Emergency Response/Preparedness	67,232	108,932	141,910	138,080	146,730	6.26%	149,430	152,160
326 Records Section	468,380	564,406	562,960	594,310	639,110	7.54%	649,650	661,070
329 Lockup Section	1,194,680	1,308,878	1,293,050	1,473,560	1,358,610	-7.80%	1,381,630	1,405,670
333 Property Section	104,053	115,018	101,680	106,820	115,700	8.31%	117,740	119,850
334 Research & Technology	814,056	899,601	905,330	971,720	984,540	1.32%	1,023,200	1,042,860
Total Investigative/Admin Services	6,328,242	6,661,984	6,738,340	7,064,295	7,144,780	1.14%	7,272,850	7,395,710
12 Operations								
315 Road Patrol	8,897,842	9,192,150	9,430,270	10,052,990	10,424,110	3.69%	10,609,370	10,777,200
316 K-Nine Unit	542,914	517,037	532,660	577,430	541,420	-6.24%	551,220	559,580
317 Directed Patrol Unit	452,843	618,245	691,250	728,370	700,150	-3.87%	712,800	724,750
318 Traffic Unit	-	54,638	343,920	327,380	308,140	-5.88%	313,320	318,560
319 Crossing Guards	26,508	26,864	27,150	27,530	32,900	19.51%	33,390	33,900
325 Communications Section	1,959,912	1,895,827	2,012,350	1,987,540	2,206,590	11.02%	2,244,550	2,283,510
335 Community Services Section	822,530	881,965	1,039,800	1,142,800	976,010	-14.59%	993,860	1,009,380
Total Operations	12,702,549	13,186,728	14,077,400	14,844,040	15,189,320	2.33%	15,458,510	15,706,880
Total Police	\$ 21,248,637	\$ 22,045,814	\$ 23,141,620	\$ 24,237,560	\$ 24,715,740	1.97%	\$ 25,152,540	\$ 25,568,370

General Fund Expenditure Details By Department

	2014 Actual Amount	2015 Actual Amount	2016 Estimated Amount	2016 Amended Budget	2017 Proposed	% Change	2018 Proposed	2019 Proposed
Fire Department								
337 Fire Administration	\$ 320,461	\$ 360,049	\$ 358,230	\$ 374,860	\$ 391,480	4.43%	\$ 397,320	\$ 403,040
338 Fire Operations	1,110,660	1,199,430	1,230,930	1,227,730	1,332,680	8.55%	1,340,830	1,349,300
340 Fire Companies	1,504,876	3,498,326	1,546,270	1,536,730	1,549,820	0.85%	1,549,820	1,549,820
341 Fire Prevention	1,005,374	973,200	1,020,110	1,174,140	1,025,770	-12.64%	1,042,910	1,060,620
343 Fire Communications	201,693	223,424	228,950	223,560	219,610	-1.77%	223,080	226,620
344 Fire Halls	457,976	389,719	405,630	493,530	457,870	-7.23%	460,570	463,300
Total Fire Department	\$ 4,601,040	\$ 6,644,148	\$ 4,790,120	\$ 5,030,550	\$ 4,977,230	-1.06%	\$ 5,014,530	\$ 5,052,700
Building Inspections								
371 Building Inspections	\$ 2,155,491	\$ 2,331,208	\$ 2,219,460	\$ 2,513,720	\$ 2,235,890	-11.05%	\$ 2,258,120	\$ 2,280,590
TOTAL PUBLIC SAFETY	\$ 28,005,168	\$ 31,021,169	\$ 30,151,200	\$ 31,781,830	\$ 31,928,860	0.46%	\$ 32,425,190	\$ 32,901,660
DEPARTMENT OF PUBLIC WORKS								
Streets Department								
20 Local Streets								
481 Local Surface Maint - Gravel	\$ 41,833	\$ 73,852	\$ 72,260	\$ 94,610	\$ 95,660	1.11%	\$ 96,760	\$ 97,910
482 Local Surface Maint	280,338	476,816	475,240	477,980	534,890	11.91%	530,700	535,750
483 Local Surf Maint - Concrete	-	-	-	-	-	0.00%	-	-
485 Local Guard Rails & Posts	6,806	3,015	7,440	13,760	10,310	-25.07%	10,400	10,490
486 Local Sweeping	64,538	65,072	74,840	106,360	107,350	0.93%	108,330	109,360
489 Local Drain Structures	209,967	334,934	423,860	347,160	389,650	12.24%	392,940	396,360
490 Local Roadside Cleanup	3,925	3,494	14,430	4,220	4,070	-3.55%	4,110	4,150
491 Local Grass & Weed Control	1,460	3,095	5,090	1,080	950	-12.04%	950	950
492 Local Dust Control	-	-	-	-	-	0.00%	-	-
495 Local Signs	121,057	95,000	104,450	150,510	153,560	2.03%	155,140	156,800
497 Local Markings	15,681	23,296	26,880	43,390	27,110	-37.52%	27,180	27,280
498 Local Snow & Ice Control	888,930	483,806	356,790	737,250	754,260	2.31%	758,460	762,860
499 Local Administration	126,740	140,195	196,720	252,150	204,030	-19.08%	205,920	206,990
Total Local Streets	1,761,274	1,702,573	1,758,000	2,228,470	2,281,840	2.39%	2,290,890	2,308,900

General Fund Expenditure Details By Department

	2014 Actual Amount	2015 Actual Amount	2016 Estimated Amount	2016 Amended Budget	2017 Proposed	% Change	2018 Proposed	2019 Proposed
21 County Roads								
500 County Surface Maintenance	32,645	11,709	6,960	12,450	3,290	-73.57%	3,320	3,360
501 County Drain Structures	-	-	-	-	-	0.00%	-	-
502 County Snow & Ice Control	639,911	474,363	368,470	521,670	503,520	-3.48%	506,690	510,030
503 County Administration	9,393	10,069	9,800	14,290	35,630	149.34%	10,700	10,790
504 County Signs	1,334	1,163	16,570	29,070	24,370	-16.17%	24,620	24,860
507 County Sweeping	8,524	5,151	4,960	-	1,000	100.00%	1,000	1,000
Total County Roads	691,806	502,455	406,760	577,480	567,810	-1.67%	546,330	550,040
22 Major Streets								
464 Major Surface Maintenance	428,651	489,448	482,310	567,710	571,590	0.68%	578,310	585,340
465 Major Guard Rails And Posts	11,268	4,729	12,540	12,240	13,210	7.92%	13,230	13,260
466 Major Sweeping	80,871	81,436	94,350	107,630	106,210	-1.32%	106,980	107,780
469 Major Drain Structures	108,913	125,515	196,050	175,980	215,700	22.57%	218,030	220,470
470 Major Roadside Cleanup	21,594	24,439	36,070	42,540	37,330	-12.25%	37,870	38,420
471 Major Grass & Weed Control	4,555	4,889	6,730	18,880	6,120	-67.58%	6,190	6,270
475 Major Signs	112,368	171,493	163,070	141,720	175,040	23.51%	146,630	148,280
477 Major Markings	95,983	70,952	92,710	110,650	106,190	-4.03%	106,430	106,680
478 Major Snow & Ice Control	664,140	546,114	409,950	561,860	561,180	-0.12%	566,010	571,070
479 Major Administration	621,050	674,140	684,470	575,890	564,670	-1.95%	569,560	573,470
Total Major Streets	2,149,393	2,193,155	2,178,250	2,315,100	2,357,240	1.82%	2,349,240	2,371,040
23 Drains								
514 Retention Ponds	122,568	151,309	230,980	179,810	269,140	49.68%	270,510	271,960
515 Open Drain Maintenance	77,795	96,982	136,130	139,350	130,100	-6.64%	131,250	132,470
516 Drains Administration	114,430	155,469	150,230	118,920	69,410	-41.63%	69,620	69,870
517 Storm Sewer & Ryd	93,575	114,997	165,670	181,540	178,560	-1.64%	180,690	182,920
Total Drains	408,368	518,757	683,010	619,620	647,210	4.45%	652,070	657,220
24 Sidewalks								
444 Sidewalk Administration	12,153	12,778	39,280	39,560	40,490	2.35%	41,100	41,730
511 Sidewalk Maint - Snow Control	33,768	16,189	17,820	45,990	45,990	0.00%	46,050	46,130
512 Sidewalk Maint - General	101,923	132,931	121,680	157,740	152,180	-3.52%	153,460	154,810
Total Sidewalks	147,844	161,898	178,780	243,290	238,660	-1.90%	240,610	242,670

General Fund Expenditure Details By Department

	2014 Actual Amount	2015 Actual Amount	2016 Estimated Amount	2016 Amended Budget	2017 Proposed	% Change	2018 Proposed	2019 Proposed
25 Street Lighting								
448 Street Lighting	477,314	521,635	508,530	515,320	635,790	23.38%	535,990	516,190
26 Weeds/Snow & Ice								
519 Weeds/Snow And Ice	39,831	38,439	50,930	44,770	46,260	3.33%	46,320	46,400
Total Streets Department	\$ 5,675,830	\$ 5,638,912	\$ 5,764,260	\$ 6,544,050	\$ 6,774,810	3.53%	\$ 6,661,450	\$ 6,692,460
TOTAL DEPARTMENT OF PUBLIC WORKS	\$ 5,675,830	\$ 5,638,912	\$ 5,764,260	\$ 6,544,050	\$ 6,774,810	3.53%	\$ 6,661,450	\$ 6,692,460
COMMUNITY DEVELOPMENT								
Engineering								
442 Engineering	\$ 2,022,184	\$ 2,311,152	\$ 2,430,050	\$ 2,341,890	\$ 2,418,530	3.27%	\$ 2,452,060	\$ 2,486,710
443 Traffic Engineering	32,728	8,790	300	-	-	0.00%	-	-
Total Engineering Department	\$ 2,054,912	\$ 2,319,942	\$ 2,430,350	\$ 2,341,890	\$ 2,418,530	3.27%	\$ 2,452,060	\$ 2,486,710
Planning								
721 Planning	\$ 755,251	\$ 817,457	\$ 845,210	\$ 860,590	\$ 869,720	1.06%	\$ 881,520	\$ 892,580
723 Planning Commission	14,823	10,544	15,130	15,370	15,370		15,480	15,590
726 Board of Zoning Appeals	3,018	2,351	5,100	5,200	5,200	0.00%	5,230	5,260
Total Planning Department	\$ 773,092	\$ 830,352	\$ 865,440	\$ 881,160	\$ 890,290	1.04%	\$ 902,230	\$ 913,430
TOTAL COMMUNITY DEVELOPMENT	\$ 2,828,004	\$ 3,150,294	\$ 3,295,790	\$ 3,223,050	\$ 3,308,820	2.66%	\$ 3,354,290	\$ 3,400,140

General Fund Expenditure Details By Department

		2014 Actual Amount	2015 Actual Amount	2016 Estimated Amount	2016 Amended Budget	2017 Proposed	% Change	2018 Proposed	2019 Proposed
RECREATION AND CULTURE									
<u>Parks</u>									
751	Parks Administration	\$ 133,741	\$ 130,628	\$ 84,010	\$ 80,320	\$ 87,770	9.28%	\$ 89,040	\$ 90,100
756	Civic Center Maintenance	248,198	293,071	199,040	273,360	322,780	18.08%	313,890	315,030
757	Cemetery Maintenance	10,978	13,633	44,430	17,700	18,220	2.94%	18,380	18,520
758	Parks Garage	53,832	49,023	53,210	64,210	63,910	-0.47%	65,000	65,000
759	Athletic Field Maintenance	215,679	224,415	294,310	338,860	362,120	6.86%	364,220	366,390
770	Parks Maintenance	669,752	683,637	799,880	790,460	838,170	6.04%	846,030	855,060
772	Park Equipment Repair	76,091	90,384	77,420	100,660	70,480	-29.98%	71,620	72,790
773	Parks-Special Events	12,998	34,454	72,680	22,210	36,320	63.53%	36,630	36,940
774	Major Tree Maintenance	18,914	2,243	7,280	23,000	24,420	6.17%	24,830	25,230
775	Major Tree Planting	2,940	1,559	-	3,000	3,000	0.00%	3,000	3,000
776	Major Tree Storm Damage	300	703	-	200	200	0.00%	200	200
777	Local Tree Maintenance	455,776	563,043	606,520	606,560	643,130	6.03%	645,820	648,580
778	Local Tree Planting	19,132	15,066	113,000	93,110	94,310	1.29%	95,410	95,410
779	Local Tree Storm Damage	54,368	32,778	26,050	61,600	53,770	-12.71%	54,570	55,430
780	Street Island Maintenance-Major	90,046	87,186	99,220	101,410	97,920	-3.44%	98,980	100,060
781	Street Island Maintenance-Local	446	8,822	-	270	270	0.00%	270	270
782	Street Island Maint-Northfield	-	-	-	-	-	0.00%	-	-
783	Street Island Maintenance-DDA	146,443	142,079	169,500	179,380	177,550	-1.02%	181,170	185,790
Total Parks Department		\$ 2,209,632	\$ 2,372,723	\$ 2,646,550	\$ 2,756,310	\$ 2,894,340	5.01%	\$ 2,909,060	\$ 2,933,800
<u>Recreation</u>									
752	Recreation Administration	\$ 625,348	\$ 739,230	\$ 838,230	\$ 780,180	\$ 834,020	6.90%	\$ 844,580	\$ 849,330
753	Recreation	838,888	816,839	859,900	840,450	855,930	1.84%	872,370	883,870
754	Senior Programs	167,037	213,466	217,440	209,460	239,040	14.12%	243,710	244,440
755	Community Center	2,038,145	2,118,110	2,208,840	2,252,900	2,270,120	0.76%	2,304,480	2,344,240
Total Recreation Department		\$ 3,669,418	\$ 3,887,644	\$ 4,124,410	\$ 4,082,990	\$ 4,199,110	2.84%	\$ 4,265,140	\$ 4,321,880
<u>Nature Center</u>									
771	Nature Center	\$ 90,772	\$ 103,015	\$ 122,210	\$ 119,540	\$ 120,430	0.74%	\$ 121,320	\$ 122,150

General Fund Expenditure Details By Department

	2014 Actual Amount	2015 Actual Amount	2016 Estimated Amount	2016 Amended Budget	2017 Proposed	% Change	2018 Proposed	2019 Proposed
Historic Village								
802 Village Operations	\$ 75,000	\$ 75,000	\$ 75,000	\$ 75,000	\$ 100,000	33.33%	\$ 100,000	\$ 100,000
804 Village Buildings	54,857	67,472	62,460	64,440	71,010		73,090	74,500
807 Village Grounds	19,441	18,018	32,670	40,270	52,690	30.84%	53,340	54,020
Total Historic Village	\$ 149,298	\$ 160,490	\$ 170,130	\$ 179,710	\$ 223,700	24.48%	\$ 226,430	\$ 228,520
TOTAL RECREATION AND CULTURE	\$ 6,119,121	\$ 6,523,871	\$ 7,063,300	\$ 7,138,550	\$ 7,437,580	4.19%	\$ 7,521,950	\$ 7,606,350
OTHER USES								
966 Transfers Out	\$ -	\$ -	\$ -	\$ -	\$ -	0.00%	\$ -	\$ -
966 Capital - Streets	1,000,000	-	-	-	-	0.00%	-	-
966 Capital - Enhanced Streets	2,550,000	3,450,000	6,200,000	6,200,000	-	-100.00%	-	-
966 Capital - Fire Station #4	-	1,850,000	500,000	3,575,000	1,225,000	-65.73%	-	-
966 Capital - Fire Pumper Truck	-	-	585,000	585,000	-	-100.00%	-	-
966 Other	-	-	-	-	-	0.00%	-	-
TOTAL OTHER USES	3,550,000	5,300,000	7,285,000	10,360,000	1,225,000	-88.18%	-	-
TOTAL - GENERAL FUND	\$ 52,761,672	\$ 58,551,666	\$ 60,966,240	\$ 66,817,430	\$ 59,228,430	-11.36%	\$ 58,337,850	\$ 59,107,620

General Fund Expenditure Details By Account

	2014 Actual Amount	2015 Actual Amount	2016 Estimated Amount	2016 Amended Budget	2017 Proposed	% Change	2018 Proposed	2019 Proposed
EXPENSE								
PERSONAL SERVICES								
Personal Service	\$ 17,942,665.22	\$ 18,778,670.04	\$ 20,304,850.00	\$ 20,841,020.00	\$ 21,396,170.00	2.66%	\$ 21,717,120	\$ 22,042,900
Elected And Appointed	21,400	21,750	25,240	25,800	25,350	-1.74%	25,730	26,100
Election Inspectors	19,929	96,169	48,150	56,800	122,580	115.81%	124,420	126,280
Fica	1,373,758	1,421,015	1,499,350	1,600,590	1,642,760	2.63%	1,667,410	1,692,400
Disability Pay - Volunteer Fire	20,473	1,154	14,280	-	0	0.00%	-	-
Workers Comp & Unemployment	167,254	7,317	229,490	518,840	251,720	-51.48%	251,380	257,000
Sick Pay Allowance	1,150,480	1,122,465	1,119,390	1,172,660	1,205,610	2.81%	1,223,700	1,242,040
Hospital And Life Insurance	2,200,748	3,391,740	3,554,410	4,209,870	4,114,350	-2.27%	4,237,780	4,364,880
Vacation	1,926,524	1,801,682	1,817,560	1,851,010	1,982,310	7.09%	2,012,020	2,042,220
Retirement	6,288,357	6,143,077	5,756,840	5,697,630	6,331,350	11.12%	6,426,340	6,522,720
Total - Personal Services	31,111,589	32,785,038	34,369,560	35,974,220	37,072,200	3.05%	37,685,900	38,316,540
SUPPLIES								
Office Supplies	134,427	146,593	143,300	140,615	145,950	3.79%	147,560	143,950
Postage	103,092	97,497	127,750	133,180	137,140	2.97%	134,120	135,100
Supplies For Resale	-	-	-	-	0	0.00%	-	-
Operating Supplies	832,752	1,016,920	1,113,770	1,103,930	1,131,920	2.54%	1,142,390	1,144,520
Fuel	56,087	24,584	27,710	35,210	33,440	-5.03%	33,690	33,930
Tools	8,740	7,070	18,400	20,500	20,500	0.00%	20,500	20,500
Uniforms	146,074	161,777	199,200	202,440	205,010	1.27%	206,820	209,940
Repair/Mtnce Supplies	848,044	1,027,610	869,340	1,035,150	1,177,030	13.71%	1,079,160	1,061,310
Holiday Decorations	-	-	14,700	-	50,000	100.00%	15,000	15,000
Expendable Building/Equipment	-	161,573	151,380	168,630	150,260	-10.89%	44,000	44,040
Total - Supplies	2,129,217	2,643,624	2,665,550	2,839,655	3,051,250	7.45%	2,823,240	2,808,290

General Fund Expenditure Details By Account

	2014 Actual Amount	2015 Actual Amount	2016 Estimated Amount	2016 Amended Budget	2017 Proposed	% Change	2018 Proposed	2019 Proposed
<u>OTHER SERVICE CHARGES</u>								
Professional Services	713,392	750,558	802,740	859,500	1,085,120	26.25%	901,540	918,170
Contractual Services	5,938,540	5,978,858	6,281,380	6,841,680	6,794,090	-0.70%	6,783,580	6,836,680
Computer Services	965,969	1,167,736	1,219,780	1,227,780	1,266,540	3.16%	1,313,260	1,335,550
Consultant Services	548,535	535,644	601,000	527,500	442,500	-16.11%	442,500	442,500
Community Policing	6,248	6,314	6,300	6,350	6,470	1.89%	6,600	6,740
Health Services	20,122	17,792	38,850	57,040	42,970	-24.67%	59,110	43,150
Communications	83,945	89,136	78,800	78,700	79,420	0.91%	80,390	81,270
Travel & Mileage	61,148	61,154	69,780	69,130	66,850	-3.30%	66,900	66,900
Community Promotion	1,161	45,524	50,500	51,000	51,000	0.00%	51,000	51,000
Appreciation Banquet	10,872	13,239	10,000	10,000	10,000	0.00%	10,000	10,000
Firefighters Banquet	15,252	13,446	21,000	20,800	21,000	0.96%	21,000	21,000
Printing & Publishing	126,661	109,074	133,460	153,730	156,540	1.83%	157,840	159,150
Books & Magazines	7,136	10,998	13,875	13,785	14,985	8.71%	15,105	15,585
Other Fees	98,098	119,427	125,000	115,000	125,000	8.70%	129,000	130,000
Public Utilities	2,072,937	1,781,148	2,043,260	2,180,650	2,163,750	-0.77%	2,194,810	2,228,580
Rentals	26,845	7,282	3,240	29,000	18,000	-37.93%	19,000	19,000
Rentals-Internal	2,766,358	2,752,227	2,725,750	2,917,460	3,003,620	2.95%	3,034,260	3,065,130
Miscellaneous	1,898,382	3,750,156	1,734,875	1,774,580	1,789,365	0.83%	1,792,475	1,795,285
Membership & Dues	114,663	115,984	126,210	124,810	131,440	5.31%	132,790	134,250
Education & Training	189,377	234,582	278,190	260,100	305,310	17.38%	308,530	311,830
Other	72,795	96,361	121,140	159,860	140,910	-11.85%	141,920	142,920
Legal Notices	4,297	2,238	3,700	4,100	4,100	0.00%	4,100	4,100
Banking fees	69,676	71,091	82,300	86,000	86,000	0.00%	88,000	89,000
Tax Refunds	158,457	68,115	75,000	75,000	75,000	0.00%	75,000	75,000
Total - Other Service Charges	15,970,867	17,798,086	16,646,130	17,643,555	17,879,980	1.34%	17,828,710	17,982,790
<u>CAPITAL OUTLAY</u>								
Office Equipment	60	-	-	-	0	0.00%	-	-
TOTAL EXPENDITURES	49,211,732	53,226,748	53,681,240	56,457,430	58,003,430	2.74%	58,337,850	59,107,620
<u>OTHER FINANCING USES</u>								
Operating Transfers Out	3,550,000	5,300,000	7,285,000	10,360,000	1,225,000	-88.18%	-	-
TOTAL - GENERAL FUND	\$ 52,761,732	\$ 58,526,748	\$ 60,966,240	\$ 66,817,430	\$ 59,228,430	-11.36%	\$ 58,337,850	\$ 59,107,620

An abstract graphic design featuring a white background with several thin black lines. A vertical line descends from the top left, and another vertical line descends from the top right. A diagonal line connects the top left vertical line to the top right vertical line. The text "WE LEAD BY EXAMPLE" is positioned in the upper half, and "WITHIN THE REGION" is positioned in the lower half, both in a clean, sans-serif font.

WE LEAD BY EXAMPLE
WITHIN THE REGION



*COUNCIL AND
EXECUTIVE
ADMINISTRATION*

CITY COUNCIL

Mayor | Dane Slater

Mayor Pro Tem | Ed Pennington

Council Member | Edna Abraham

Council Member | Ethan Baker

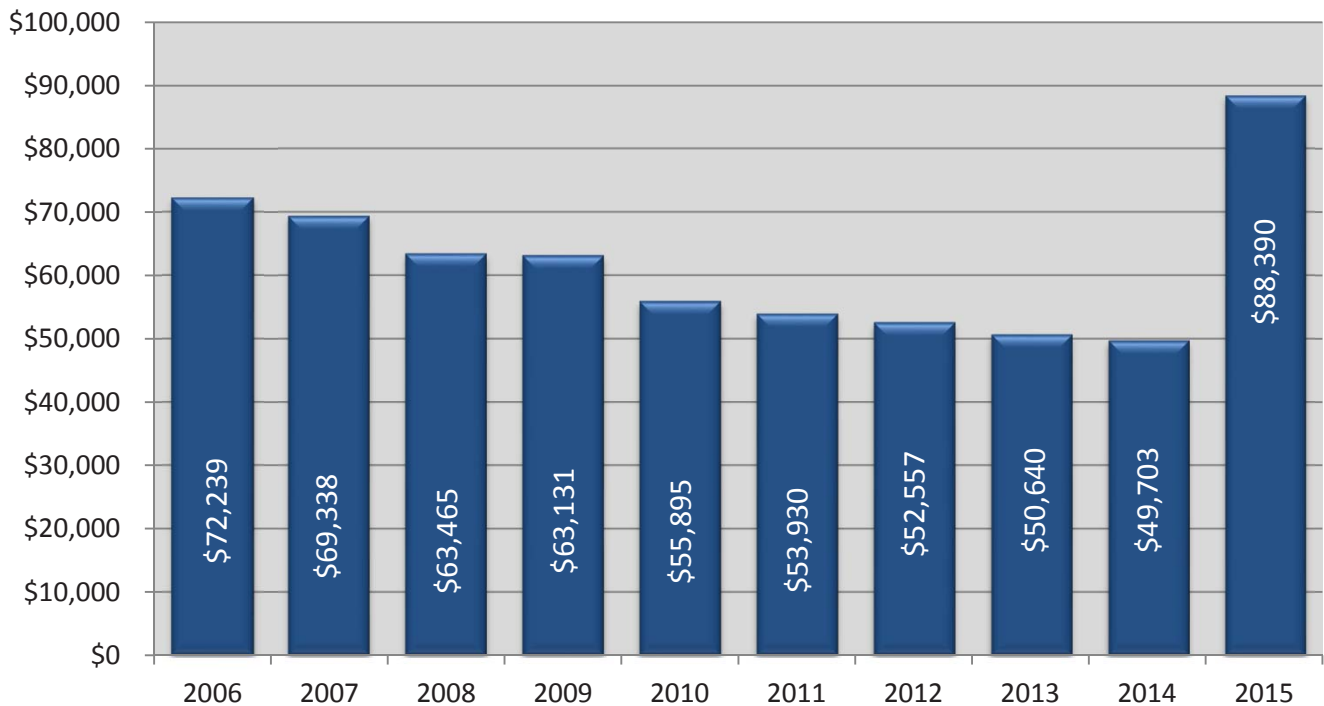
Council Member | Jim Campbell

Council Member | Dave Henderson

Council Member | Ellen Hodorek

Operating Budget History

2015 increase due to the establishment of computer fees for service.



General Fund
General Government/Council & Exec Admin

City Council

	2014 Actual Amount	2015 Actual Amount	2016 Estimated Amount	2016 Amended Budget	2017 Proposed	% Change	2018 Proposed	2019 Proposed
Fund: 101 GENERAL FUND								
Expenditures								
Department: 102 Council								
101.102.00.102								
PERSONAL SERVICES	\$ 15,833	\$ 15,825	\$ 15,230	\$ 15,850	\$ 15,830	-0.13%	\$ 16,070	\$ 16,300
SUPPLIES	2,403	1,823	7,500	2,500	2,500	0.00%	2,500	2,500
OTHER SERVICE CHARGES	31,466	70,742	65,360	67,460	66,420	-1.54%	67,480	68,560
Department Total: Council	\$ 49,703	\$ 88,390	\$ 88,090	\$ 85,810	\$ 84,750	-1.24%	\$ 86,050	\$ 87,360

CITY MANAGER

City Manager | Brian Kischnick

Director of Economic and Community Development | Mark F. Miller

Director of Financial Services | Thomas Darling, CPA

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

DEPARTMENT FUNCTION

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

City Management

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

Economic Development Services

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

Economic Development Services (cont.)

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

Employee Retirement System

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

PERFORMANCE INDICATORS

Performance Indicators	2013/14 Actual	2014/15 Actual	2015/16 Projected	2016/17 Budget
# of Regular Council Meetings	26	26	26	26
# of Agenda Items Prepared	601	678	644	650
# of Employees' Retirement System Board Meetings	12	12	12	12
# of Downtown Development Authority Meetings	5	3	3	3
# of Brownfield Redevelopment Authority Meetings	3	3	3	3
# of Local Development Finance Authority Meetings	2	2	2	2
# of Labor Contracts Settled	2	0	3	1
# of Business Contacts	157	164	170	170
# of Business Attraction Contacts	81	75	65	65
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

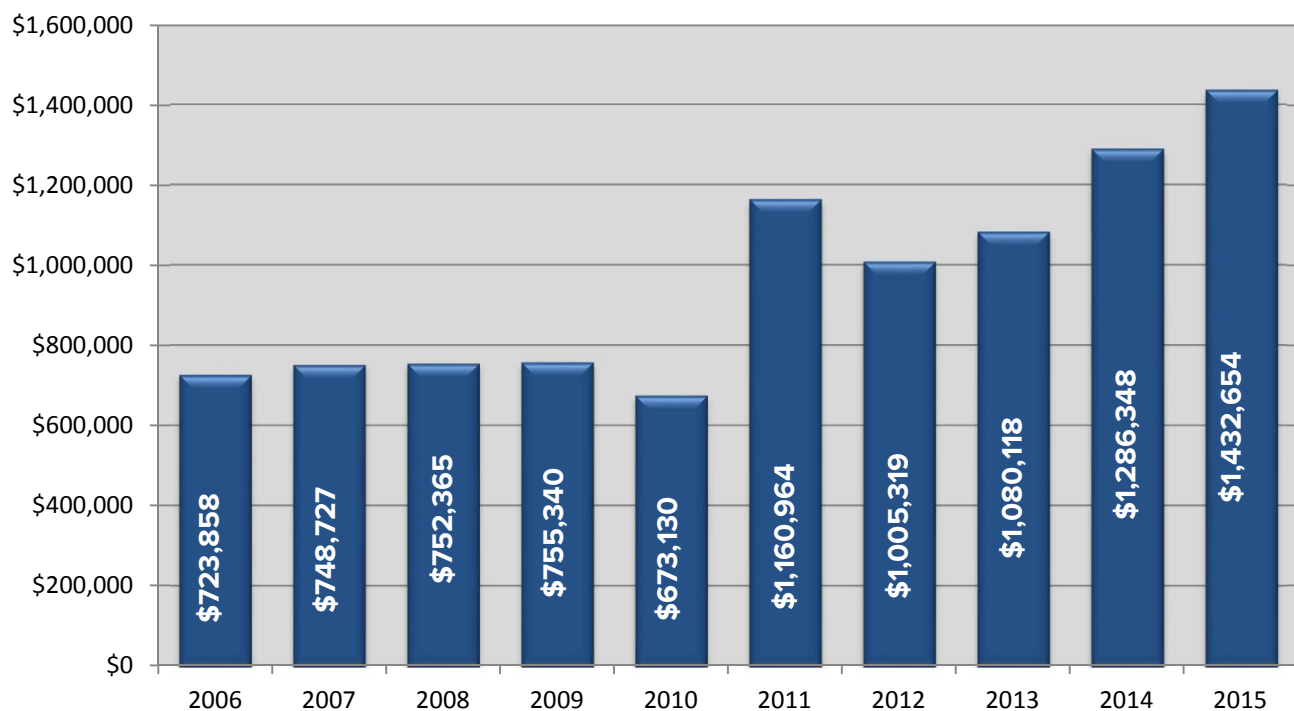
Significant Notes - 2016/17 Budget Compared to 2015/16 Budget

Expenditures increased \$547 thousand (35.8%) due to 1.) personal services increased \$245 thousand due to both the Community Affairs Director and Marketing Coordinator being expended to the City Managers Office as opposed to being split between other departments. It should be noted that this is a net zero increase City-Wide. In addition a full-time position was created for a receptionist at the East-End entrance. 2.) A Marketing/Feasibility Study for the Civic Center Campus was budgeted in the amount of \$200 thousand. 3.) Contracted Services were budgeted in the amount of \$80,000 for professional web site design and service.

Positions	2014 Budget		2015 Budget		2016 Budget		2017 Budget	
	Full Time	Part Time	Full Time	Part Time	Full Time	Part Time	Full Time	Part Time
City Manager's Office	6.5	1	7	1.5	8	1.9	10	1
Total Department	6.5	1	7	1.5	8	1.9	10	1

Operating Budget History

* 2011 Incorporated Community Affairs Department



General Fund
General Government/Council & Exec Admin

City Manager

	2014 Actual Amount	2015 Actual Amount	2016 Estimated Amount	2016 Amended Budget	2017 Proposed	% Change	2018 Proposed	2019 Proposed
Fund: 101 GENERAL FUND								
Expenditures								
Department: 172 City Manager								
101.172.00.172								
Personal Services	\$ 1,069,740	\$ 1,152,642	\$ 1,244,940	\$ 1,225,520	\$ 1,471,260	20.05%	\$ 1,495,510	\$ 1,520,420
Supplies	27,911	30,593	28,700	32,400	29,300	-9.57%	30,000	30,500
Other Service Charges	188,698	249,420	270,930	272,550	577,040	111.72%	301,290	305,380
Department Total: City Manager	\$ 1,286,348	\$ 1,432,654	\$ 1,544,570	\$ 1,530,470	\$ 2,077,600	35.75%	\$ 1,826,800	\$ 1,856,300

Note: The Community Affairs Department Merged with the City Manager Department in 2013 as part of the consolidation and cost reduction measures.

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	2013/14 Actual	2014/15 Actual	2015/16 Projected	2016/17 Budget
Birth Certificate Requests Processed	3,896	3,864	4,140	4,000
Death Certificate Requests Processed	1,250	1,462	1,450	1,450
Elections Conducted	1	3	3	2
Voter Transactions Processed	10,921	11,093	12,340	14,000
Absent Voter Ballots Processed	6,264	20,265	11,450	20,100
Business Licenses Issued	227	201	180	200
Freedom of Information Act Requests Processed	269	265	265	265
Passport Photos Taken	628	788	580	600
Mail Room and Duplicating-All Operations (copies, business cards, laminating, mail)	270,937	214,849	204,970	205,000
City Council Agenda Packets Prepared	47	43	46	45
Legal Notices Prepared	92	69	90	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)	27%	51%	21%	80%

Notes on Performance Indicators

- Election services are anticipated to increase 43% in 2016/17 due to the Presidential Election
- Freedom of Information Act requests remained stable through the implementation of new FOIA law; there was not a significant uptick in requests due to lower fees
- Duplicating operations decreased due to many departments handling their own duplicating functions within their departments as opposed to a centralized duplicating department

City Clerk's Office & Elections

SUMMARY OF BUDGET CHANGES

- Significant Notes - 2016/17 Budget Compared to 2015/16 Budget***

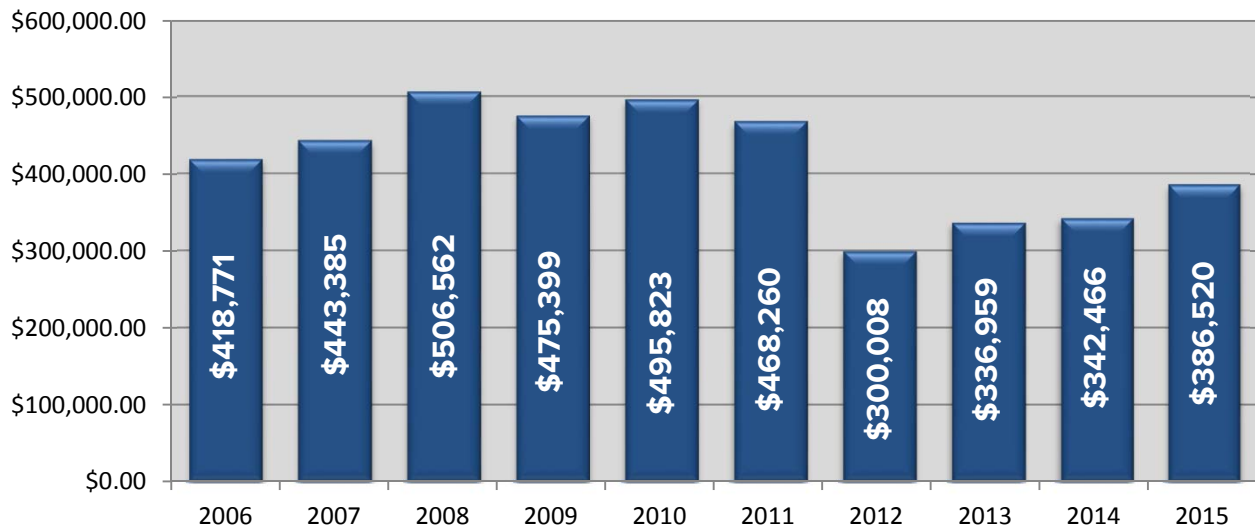
Personal Services:

In 2017, the State of Michigan Bureau of Elections in conjunction with county and local clerks will choose new voting systems on a county-by-county basis. Troy, along with the rest of Oakland County, is expected to receive a new system in 2017. The Clerk's Office will attend extensive training classes, and will conduct extensive training classes for Election Inspectors. The Clerk's Office will also provide public interaction opportunities leading up elections in 2017. 2016/17 Personal Services reflects the increase needed in part-time and overtime hours to accomplish the rollout of new voting equipment as well as the 2016 August Primary and Presidential elections.

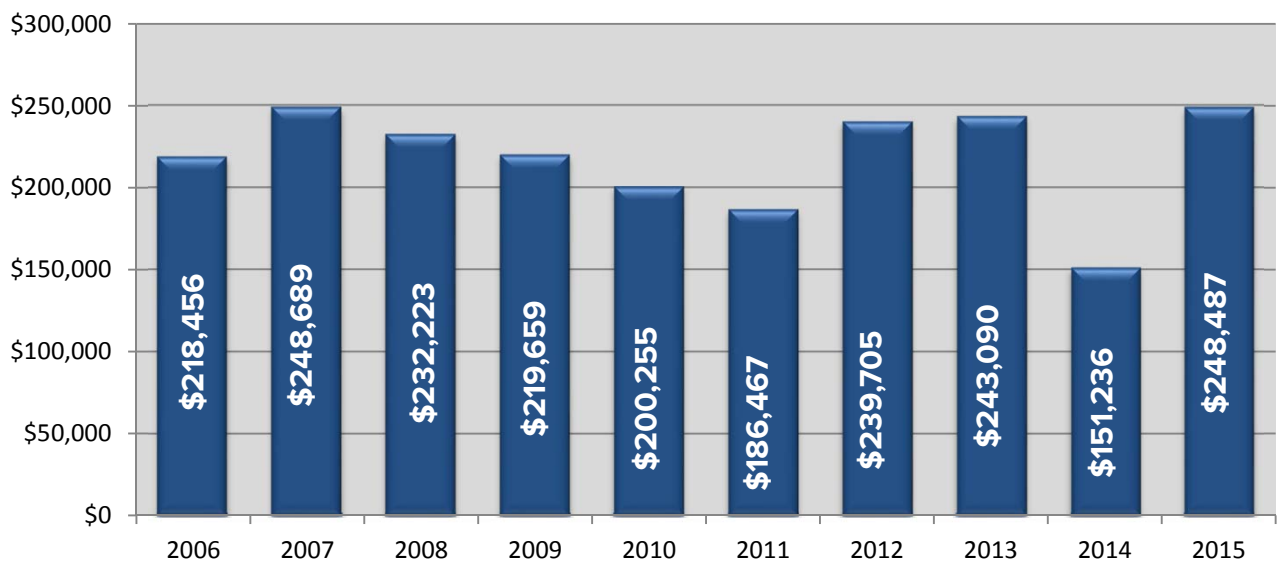
Personnel Summary	2014 Budget		2015 Budget		2016 Budget		2017 Budget	
	Full Time	Part Time	Full Time	Part Time	Full Time	Part Time	Full Time	Part Time
City Clerks Office	3	0.9	3	0.9	3	1.5	3	1
Elections	1		1		1		1	1.2
Total Department	4	0.9	4	0.9	4	1.5	4	2.2

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

	2014 Actual Amount	2015 Actual Amount	2016 Estimated Amount	2016 Amended Budget	2017 Proposed	% Change	2018 Proposed	2019 Proposed
Fund: 101 GENERAL FUND								
Expenditures								
Department: 215 City Clerk								
Business Unit: 215 City Clerk								
101.215.00.215								
Personal Services	\$ 294,775	\$ 324,021	\$ 322,550	\$ 351,110	\$ 354,790	1.05%	\$ 360,500	\$ 366,340
Supplies	10,839	10,868	8,720	11,800	8,800	-25.42%	8,800	8,800
Other Service Charges	36,853	51,631	49,420	54,390	50,960	-6.31%	52,050	52,050
Business Unit Total: City Clerk	342,466	386,520	380,690	417,300	414,550	-0.66%	421,350	427,190
Business Unit: 262 Elections								
101.215.00.262								
Personal Services	107,698	200,459	145,490	148,110	216,160	45.95%	219,450	222,780
Supplies	8,923	16,858	14,200	15,200	24,200	59.21%	20,200	20,200
Other Service Charges	34,614	31,170	41,240	61,800	62,200	0.65%	62,300	62,300
Business Unit Total: Elections	151,235	248,487	200,930	225,110	302,560	34.41%	301,950	305,280
Department Total: City Clerk	\$ 493,701	\$ 635,007	\$ 581,620	\$ 642,410	\$ 717,110	11.63%	\$ 723,300	\$ 732,470

CITY ATTORNEY

City Attorney | Lori Grigg Bluhm

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

DEPARTMENT FUNCTION

Administration

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

City as Plaintiff

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

Defense of the City

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

Prosecution

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

Other Activities

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

PERFORMANCE INDICATORS

Performance Indicators	2013/14 Actual	2014/15 Actual	2015/16 Projected	2016/17 Budget
District Court Appearances	7,871	7,621	7,000	7,000
Formal Citizen Complaints of Criminal Activities	52	48	50	50
Cost Recovery for City *	\$86,006	\$91,170	\$70,000	\$75,000
Warrants Issued	258	252	225	225
City Council Agenda Items	167	143	150	150

Notes on Performance Indicators

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

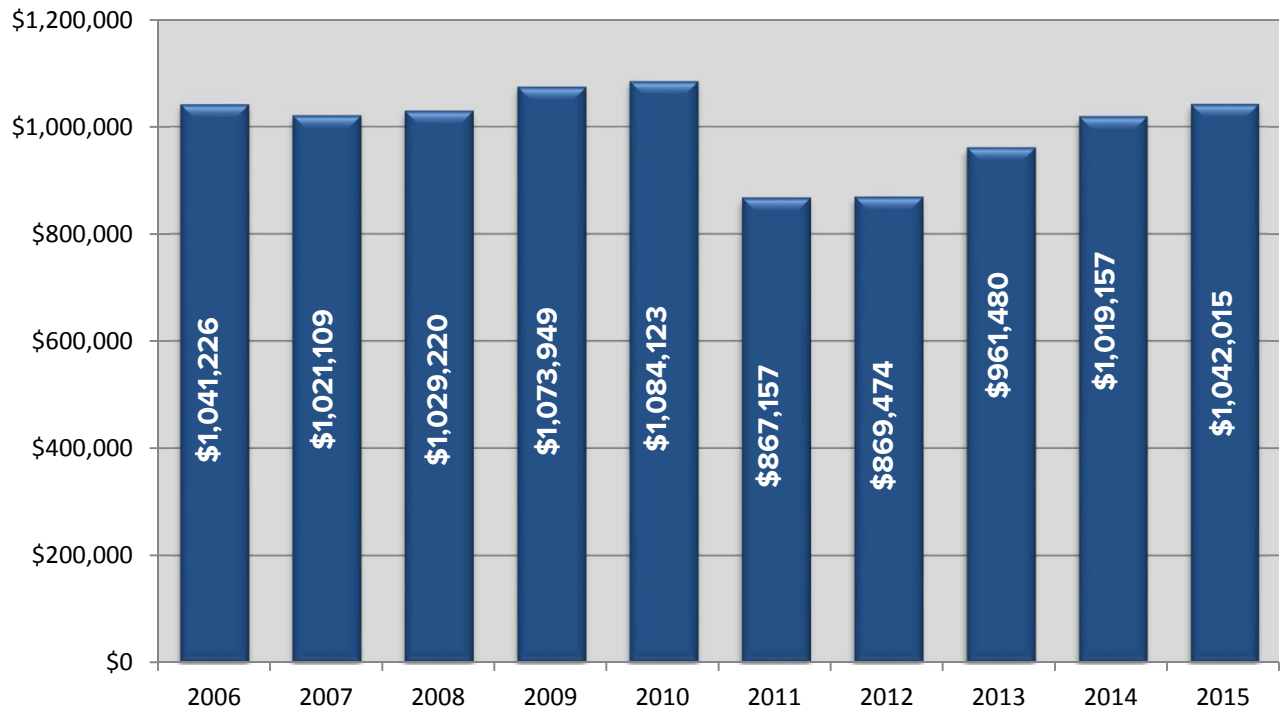
City Attorney

SUMMARY OF BUDGET CHANGES

- Significant Notes - 2016/17 Budget Compared to 2015/16 Budget*

Personnel Summary	2014 Budget		2015 Budget		2016 Budget		2017 Budget	
	Full Time	Part Time	Full Time	Part Time	Full Time	Part Time	Full Time	Part Time
City Attorney's Office	7	0	7	0	7	0.1	7	0.3
Total Department	7	0	7	0	7	0.1	7	0.3

- Operating Budget History*



General Fund
General Government/Council & Exec Admin

City Attorney

	2014 Actual Amount	2015 Actual Amount	2016 Estimated Amount	2016 Amended Budget	2017 Proposed	% Change	2018 Proposed	2019 Proposed
Fund: 101 GENERAL FUND								
Expenditures								
Department: 266 City Attorney								
101.266.00.266								
Personal Services	\$ 875,949	\$ 935,422	\$ 976,910	\$ 1,000,170	\$ 1,001,930	0.18%	\$ 1,018,650	\$ 1,035,710
Supplies	8,308	11,301	8,600	10,000	23,300	133.00%	8,970	9,150
Other Service Charges	134,899	95,292	118,810	174,460	167,930	-3.74%	170,220	173,020
Department Total: City Attorney	\$ 1,019,157	\$ 1,042,015	\$ 1,104,320	\$ 1,184,630	\$ 1,193,160	0.72%	\$ 1,197,840	\$ 1,217,880

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	2013/14 Actual	2014/15 Actual	2015/16 Projected	2016/17 Budget
Full-time New Hires	23	23	20	25
Full-time Promotions	18	20	20	15
Part-time/Temporary New Hires	149	133	165	165
Part-time/Temporary Rehires	72	62	75	75
Full-time Separations (not Retirement)	12	3	6	6
Full-time Retirements	9	6	10	8
Part-time/Temporary Separations	189	184	200	200
Other Employment Record Changes	805	1206	1200	1200
Employment Applications	1409	625	1000	1000
Occupational Injury or Illness Claims	39	39	35	35
Average Number of Work Days to Complete Internal Recruitment	34	26	30	28
Average Number of Work Days to Complete External Recruitment	45	46	45	42
Full-time Employee Turnover Rate (Excluding Retirements)	3.9%	1.0%	2.0%	2.0%
Workplace Safety/Training Programs	2	15	10	15
Employee Involvement Activities	5	8	10	10
Employee Wellness Activities/Events	3	18	15	15

Human Resources

SUMMARY OF BUDGET CHANGES

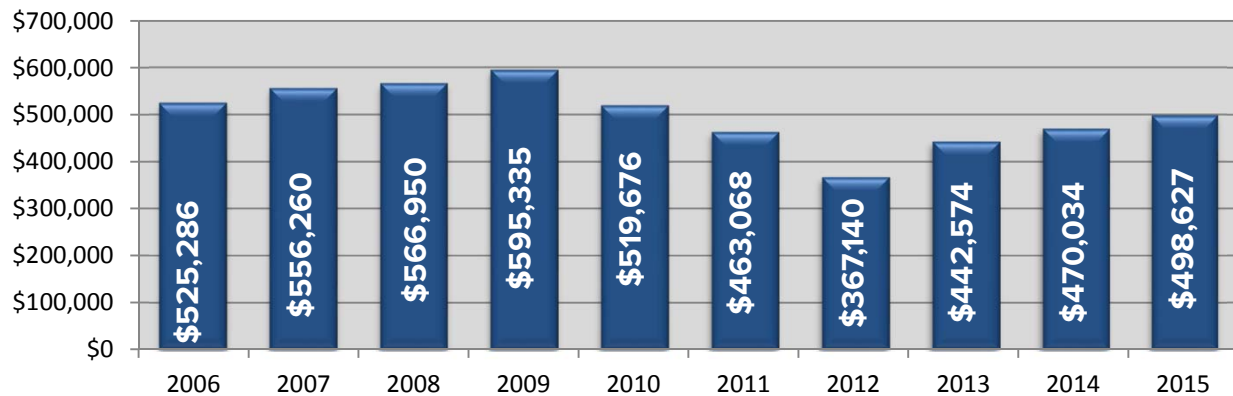
- Significant Notes - 2016/17 Budget Compared to 2015/16 Budget***

Other Service Charges:

There is an 11% increase due to the addition of a full-service Employee Assistance Program as part of our comprehensive employee wellness initiative.

Personnel Summary	2014 Budget		2015 Budget		2016 Budget		2017 Budget	
	Full Time	Part Time	Full Time	Part Time	Full Time	Part Time	Full Time	Part Time
Human Resources	3	0.8	4	0.5	4	0.5	4	0.6
Total Department	3	0.8	4	0.5	4	0.5	4	0.6

- Operating Budget History***



General Fund

Human Resources

	2014 Actual Amount	2015 Actual Amount	2016 Estimated Amount	2016 Amended Budget	2017 Proposed	% Change	2018 Proposed	2019 Proposed
Fund: 101 GENERAL FUND								
Expenditures								
Department: 270 Human Resources								
101.270.00.270								
Personal Services	\$ 372,260	\$ 418,997	\$ 440,800	\$ 457,970	\$ 487,830	6.52%	\$ 496,090	\$ 504,490
Supplies	3,426	3,689	6,010	6,800	5,600	-17.65%	4,200	4,200
Other Service Charges	94,349	75,941	83,370	121,230	110,990	-8.45%	111,860	112,080
Department Total: Human Resources	\$ 470,034	\$ 498,627	\$ 530,180	\$ 586,000	\$ 604,420	3.14%	\$ 612,150	\$ 620,770

The background is a solid teal color. Overlaid on this are several white, thin-lined geometric shapes. These shapes are composed of interconnected lines forming a network of polygons, primarily hexagons and pentagons, some of which are partially cut off by the edges of the frame. The lines are thin and white, creating a subtle, modern pattern.

FINANCIAL SERVICES

FINANCE/ACCOUNTING

Director of Financial Services | Thomas Darling

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	2013/14 Actual	2014/15 Actual	2015/16 Projected	2016/17 Budget
Payroll and Retiree Checks Processed	25,392	26,497	27,557	28,659
Bank Statements and Investments Reconciled	42	47	47	47
P-Card Statements Processed Per Year	484	609	615	625
Invoices Issued	10,635	10,121	10,200	10,350
Accounts Payable Invoices Processed	18,304	21,079	22,500	23,000

Notes on Performance Indicators

None

Finance and Accounting

SUMMARY OF BUDGET CHANGES

- Significant Notes - 2016/17 Budget Compared to 2015/16 Budget**

Other Service Charges:

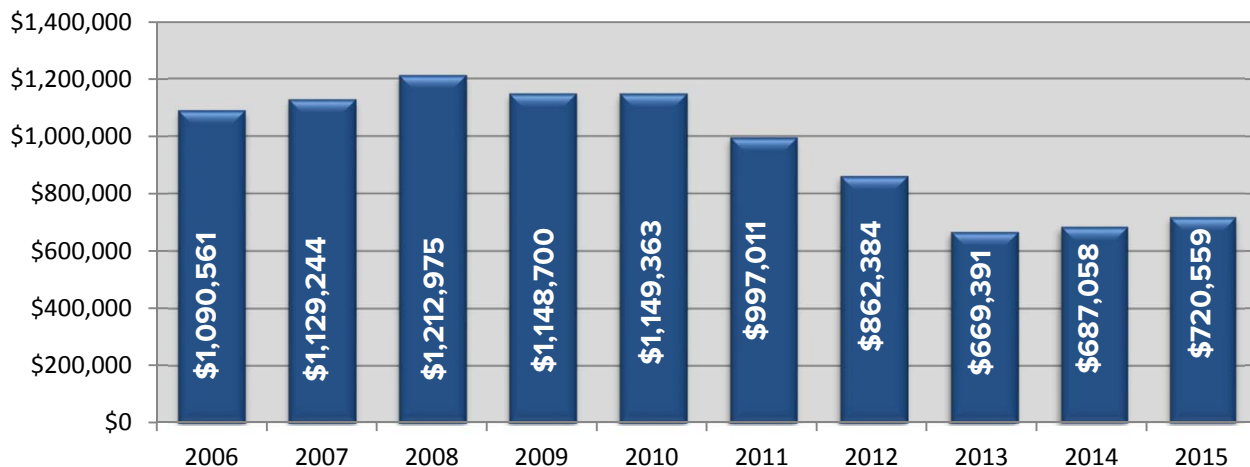
Repair and Maintenance Expendable - Increase \$9,000 for paint and carpet of department.

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

Note: Audit service fees secured at no increased cost through fiscal year 2017.

Personnel Summary	2014 Budget		2015 Budget		2016 Budget		2017 Budget	
	Full Time	Part Time	Full Time	Part Time	Full Time	Part Time	Full Time	Part Time
Accounting	6	0.7	6	1.5	6	1.6	6	1.6
Total Department	6	0.7	6	1.5	6	1.6	6	1.6

- Operating Budget History**



General Fund
General Government/Financial Services

Finance Department

	2014 Actual Amount	2015 Actual Amount	2016 Estimated Amount	2016 Amended Budget	2017 Proposed	% Change	2018 Proposed	2019 Proposed
Fund: 101 GENERAL FUND								
Expenditures								
Department: 191 Finance								
Business Unit: 191 Accounting								
Department								
101.191.00.191								
Personal Services	\$ 579,320	\$ 613,698	\$ 660,420	\$ 693,530	\$ 715,580	3.18%	\$ 727,200	\$ 739,010
Supplies	10,764	9,370	14,000	14,220	23,020	61.88%	14,020	14,020
Other Service Charges	34,263	39,663	49,360	54,560	59,330	8.74%	60,010	60,720
Business Unit Total: Accounting								
Department	624,346	662,732	723,780	762,310	797,930	4.67%	801,230	813,750
Business Unit: 192 Risk Management								
101.191.00.192								
Personal Services	-	-	-	-	-	0.00%	-	-
Supplies	145	-	-	-	-	0.00%	-	-
Other Service Charges	5,567	827	-	-	-	0.00%	-	-
Business Unit Total: Risk Management	5,711	827	-	-	-	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	-	57,000	57,000	0.00%	57,000	57,000
Business Unit Total: Independent Auditor	57,000	57,000	-	57,000	57,000	0.00%	57,000	57,000
Department Total: Finance Department	\$ 687,058	\$ 720,559	\$ 723,780	\$ 819,310	\$ 854,930	4.35%	\$ 858,230	\$ 870,750

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	2013/14 Actual	2014/15 Actual	2015/16 Projected	2016/17 Budget
Tax Bill Payments Taken in the Treasurer's Office	21,496	21,409	21,400	21,400
Tax Bill Payments Processed Electronically and at the Lockbox	44,390	40,466	41,000	41,000
Tax Bill Payments Processed Online/IVR Credit Card	314	810	900	900
Tax Adjustments Processed	530	361	400	400
Total % of Tax Roll Collected	99.30	99.85	99.80	99.80
Water Bill Payments Taken in the Treasurer's Office	17,199	17,234	17,200	17,200
Water Bill Payments Processed at the Lockbox	66,167	65,876	66,000	66,000
Water Bill Payments Processed through Auto Pay	18,828	19,697	19,700	19,700
Customers Enrolled in Auto Pay	4,700	4,900	5,000	5,000
Special Assessment Billed	26	24	22	22
Number of Invoices Processed	9,500	11,500	12,000	12,000
Number of Pieces of Outgoing City Mail Processed	86,840	92,386	92,000	92,000
Passport Application Accepted	1,745	2,420	2,400	2,400

Notes on Performance Indicators

None

City Treasurer's Office

SUMMARY OF BUDGET CHANGES

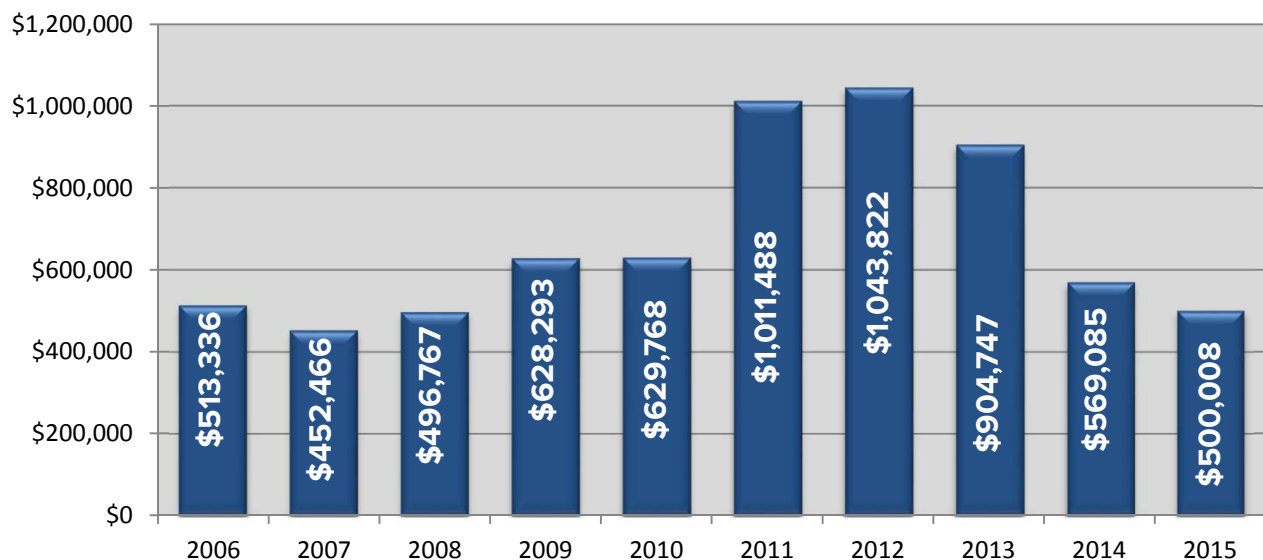
- Significant Notes - 2016/17 Budget Compared to 2015/16 Budget**

Other Service Charges:

Focus over the next 3 years is on staff development - earning the CPFA and MiCPT professional treasury credentials. Membership in the sponsoring organizations MMTA and APT US&C is required.

Personnel Summary	2014 Budget		2015 Budget		2016 Budget		2017 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

	2014 Actual Amount	2015 Actual Amount	2016 Estimated Amount	2016 Amended Budget	2017 Proposed	% Change	2018 Proposed	2019 Proposed
Fund: 101 GENERAL FUND								
Expenditures								
Department: 191 Finance/Treasury								
Business Unit: 253 Treasurer's Office								
101.191.00.253								
Personal Services	\$ 346,269	\$ 369,887	\$ 360,990	\$ 397,290	\$ 392,850	-1.12%	\$ 399,810	\$ 406,890
Supplies	30,931	21,899	40,800	40,800	37,500	-8.09%	38,000	38,500
Other Service Charges	191,886	108,222	126,860	126,950	127,250	0.24%	127,250	127,250
Department Total: Treasurer's Office	\$ 569,086	\$ 500,008	\$ 528,650	\$ 565,040	\$ 557,600	-1.32%	\$ 565,060	\$ 572,640

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	2013/14 Actual	2014/15 Actual	2015/16 Projected	2016/17 Budget
Bid/Proposals Processed	42	47	48	45
Value of Contracted Expenditures	\$9,780,078	\$9,958,085	\$10,025,000	\$11,400,000
Value of Goods/Services Purchased	\$34,281,775	\$35,995,863	\$36,000,000	\$36,000,000
P-Card Transactions per Year	3,479	5,397	5,400	5,500
Total P-Card Spending	\$1,046,765	\$1,249,183	\$1,250,000	\$1,300,000
Bid Process Savings	\$425,685	\$435,687	\$500K-\$1M	\$500K-\$1M
% of Awards Without Dispute	100%	100%	100%	100%
Average Amount of P-Card Transactions	\$300	\$235	\$260	\$275
Vending Commissions	\$12,170	\$11,795	\$12,000	\$12,000
Office Supply Rebates	\$6,452	\$5,310	\$2,400	\$2,000

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 \$13,390. 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

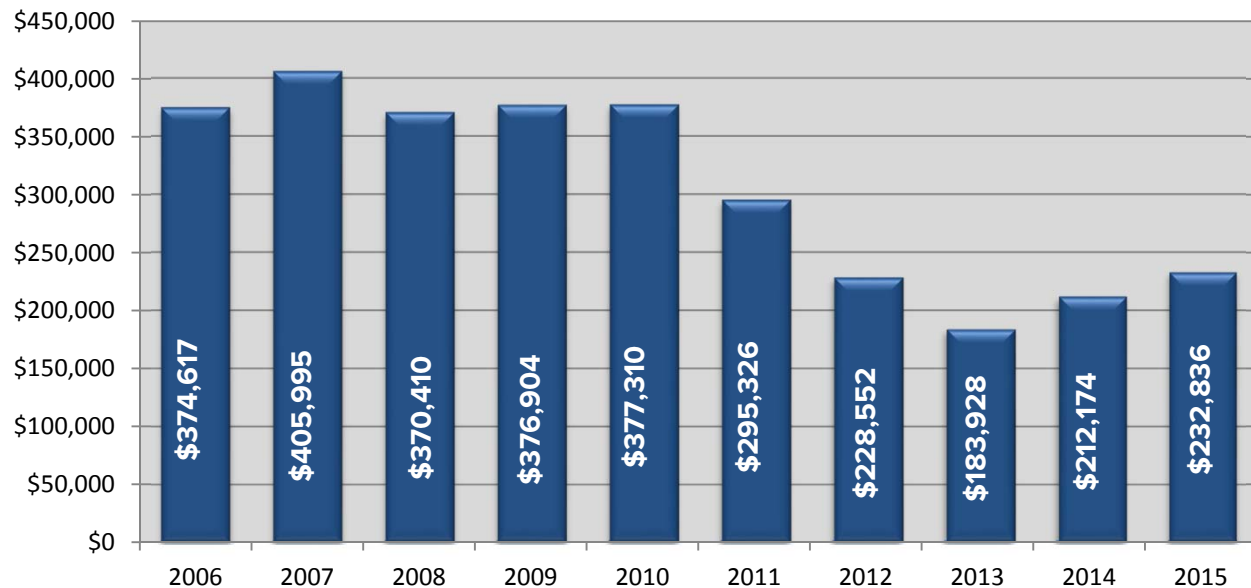
SUMMARY OF BUDGET CHANGES

- Significant Notes - 2016/17 Budget Compared to 2015/16 Budget*

Personal Services:

Personnel Summary	2014 Budget		2015 Budget		2016 Budget		2017 Budget	
	Full Time	Part Time	Full Time	Part Time	Full Time	Part Time	Full Time	Part Time
Purchasing Department	2	0	2	0	2	0.7	2	0.7
Total Department	2	0	2	0	2	0.7	2	0.7

- Operating Budget History*



General Fund
General Government/Financial Services

Purchasing Department

	2014 Actual Amount	2015 Actual Amount	2016 Estimated Amount	2016 Amended Budget	2017 Proposed	% Change	2018 Proposed	2019 Proposed
Fund: 101 GENERAL FUND								
Expenditures								
Department: 233 Purchasing								
Business Unit: 233 Purchasing								
101.233.00.233								
Personal Services	\$ 198,783	\$ 215,634	\$ 229,440	\$ 230,340	\$ 235,140	2.08%	\$ 239,010	\$ 242,980
Supplies	5,507	2,993	3,700	3,700	3,700	0.00%	3,800	3,900
Other Service Charges	7,884	14,209	13,390	17,980	18,020	0.22%	18,320	18,520
Department Total: Purchasing Department	\$ 212,174	\$ 232,836	\$ 246,530	\$ 252,020	\$ 256,860	1.92%	\$ 261,130	\$ 265,400

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	2013/14 Actual	2014/15 Actual	2015/16 Projected	2016/17 Budget
Board of Review Appointments	518	127	122	100
Assessor Review Changes	25	10	20	15
Personal Property Audits	150	150	150	150
Principal Residence Exemptions	2,648	2,774	2,648	3,600
Transfer Affidavits and Deeds	4,414	4,624	4,414	4,400
Property Description Changes	327	300	200	300
Total State Equalized Value	\$4,491,432,340	\$4,827,541,740	\$5,313,611,700	\$5,680,560,111
Small Claims Tribunal Appeals	51	55	40	40
Full Tribunal Appeals	138	64	60	55
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 will also decrease with rising values.
- Principal Residence Exemption and Deed processing will increase with more sales.
- Property Descriptions Changes will increase with more new construction.
- Small Claims Tribunal Appeals will flatten with rising residential values.
- Full Tribunal Appeals may increase as the Commercial/Industrial values rise.
- The Sales Ratio percent and Equalization Factor should not change.

City Assessor's Office

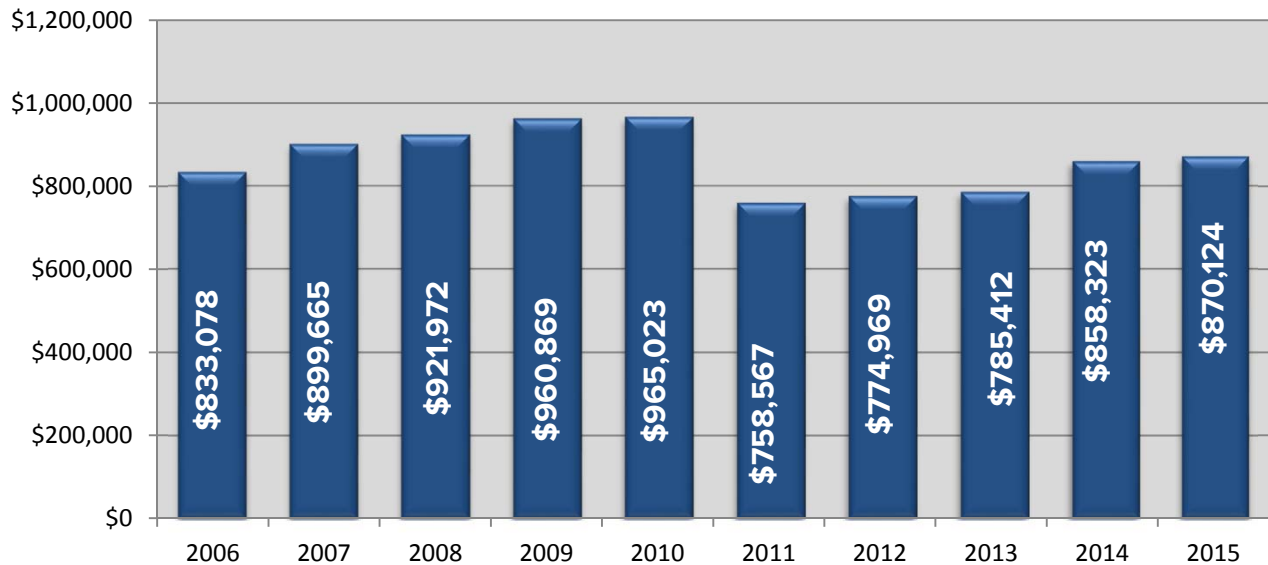
SUMMARY OF BUDGET CHANGES

- Significant Notes - 2016/17 Budget Compared to 2015/16 Budget*

The former part time Appraiser position is now Full Time

Personnel Summary	2014 Budget		2015 Budget		2016 Budget		2017 Budget	
	Full Time	Part Time	Full Time	Part Time	Full Time	Part Time	Full Time	Part Time
City Assessor's Office	6	0.8	6	0.7	6	0.7	7	0
Total Department	6	0.8	6	0.7	6	0.7	7	0

- Operating Budget History*



General Fund
General Government/Financial Services

Assessing Department

	2014 Actual Amount	2015 Actual Amount	2016 Estimated Amount	2016 Amended Budget	2017 Proposed	% Change	2018 Proposed	2019 Proposed
Fund: 101 GENERAL FUND								
Expenditures								
Department: 257 Assessing Department								
Business Unit: 247 Board of Review								
101.257.00.247								
Personal Services	\$ 970	\$ 969	\$ 2,420	\$ 2,420	\$ 1,940	-19.83%	\$ 1,970	\$ 1,990
Supplies	-	-	-	-	-	0.00%	-	-
Other Service Charges	328	359	500	550	550	0.00%	550	550
Business Unit Total: Board of Review	1,298	1,328	2,920	2,970	2,490	-16.16%	2,520	2,540
Business Unit: 257 Assessor's Office								
101.257.00.257								
Personal Services	766,712	775,753	855,640	854,390	929,140	8.75%	944,780	960,750
Supplies	19,070	19,508	21,700	21,700	22,150	2.07%	22,100	22,100
Other Service Charges	71,243	73,535	80,980	80,800	83,140	2.90%	84,080	84,080
Business Unit Total: Assessor's Office	857,025	868,797	958,320	956,890	1,034,430	8.10%	1,050,960	1,066,930
Department Total: Assessing Department	\$ 858,323	\$ 870,124	\$ 961,240	\$ 959,860	\$ 1,036,920	8.03%	\$ 1,053,480	\$ 1,069,470



WE WANT EVERYONE
TO CHOOSE TROY

The background is a solid orange color. Overlaid on this background is a pattern of white, thin-lined hexagons. Some hexagons are complete, while others are partially cut off by the edges of the frame, creating a honeycomb-like texture.

OTHER GENERAL GOVERNMENT

CITY BUILDINGS

Director of Building Operations | Steve Pallotta

Personnel Summary	2014 Budget		2015 Budget		2016 Budget		2017 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 Government

Building Operations

	2014 Actual Amount	2015 Actual Amount	2016 Estimated Amount	2016 Amended Budget	2017 Proposed	% Change	2018 Proposed	2019 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	2,876	4,579	4,820	5,110	5,210	1.96%	5,320	5,430
Other Service Charges	70,146	74,673	86,460	97,600	100,040	2.50%	101,850	103,760
Business Unit Total: Fire/Police Training Ctr.	73,022	79,251	91,280	102,710	105,250	2.47%	107,170	109,190
Business Unit: 265 City Hall								
101.264.00.265								
Personal Services	-	-	-	-	-	0.00%	-	-
Supplies	828	-	400	850	870	2.35%	890	900
Other Service Charges	665,762	606,472	771,680	786,830	804,900	2.30%	820,640	836,930
Business Unit Total: City Hall	666,590	606,472	772,080	787,680	805,770	2.30%	821,530	837,830

General Fund
General Government/Other General Government

Building Operations

	2014 Actual Amount	2015 Actual Amount	2016 Estimated Amount	2016 Amended Budget	2017 Proposed	% Change	2018 Proposed	2019 Proposed
Business Unit: 277 District Court								
101.264.00.277								
Personal Services	-	-	-	-	-	0.00%	-	-
Supplies	10,432	17,552	21,500	21,500	21,500	0.00%	21,500	21,500
Other Service Charges	187,922	193,923	212,850	232,510	237,490	2.14%	240,730	245,450
Business Unit Total: District Court	198,353	211,475	234,350	254,010	258,990	1.96%	262,230	266,950
Department Total: Building Operations	\$ 937,966	\$ 897,199	\$ 1,097,710	\$ 1,144,400	\$ 1,170,010	2.24%	\$ 1,190,930	\$ 1,213,970



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
- » Manages the function of Crime Data Analyst

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

- » 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
- » Administers criminal and narcotics forfeiture actions

POLICE (CONT.)

Police Chief | Gary G. Mayer

DEPARTMENT FUNCTION (CONT.)

Investigative/Administrative Services Continued

- » 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

Operations Division (cont.)

- » 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	2013/14 Actual	2014/15 Actual	2015/16 Projected	2016/17 Budget
OWI Arrests	476	413	338	375
Underage Alcohol Enforcement	79	59	46	50
Liquor Law Violations	4	13	5	5
Alcohol Compliance Inspections Resulting in Violations	1	4	4	4
Group A Crimes Occurring	3,067	2,933	3,412	3,400
Group A Crimes Arrests	1,115	1,251	1,216	1,210
Group A Crime Clearance Rate	42.1%	43.7%	43.0%	43.0%
Directed/Selective Traffic Enforcement Details	4	1	20	30
Hazardous Traffic Citations	5,526	5,283	4,914	5,000
Non-Hazardous Traffic Citations	697	1,221	758	775
License, Title, Registration Citations	2,473	3,528	3,192	3,200
Obligated Time	68.1%	69.8%	70.0%	70.0%
Traffic Crashes (Reportable)	3,199	3,174	3,420	3,420
Request for Ambulance With Officer	1,723	2,765	1,830	1,830
Volunteer Hours	1,536.50	4,275.00	5,782.00	5,800.00
Online (Web Based Reports Taken)	229	432	412	437

Notes on Performance Indicators

- Because of a NIBRS change in classification for Identity Fraud cases, they are now being counted as crimes in the jurisdiction the victim resides. This will cause an increase in the number of Group A Crimes.
- 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

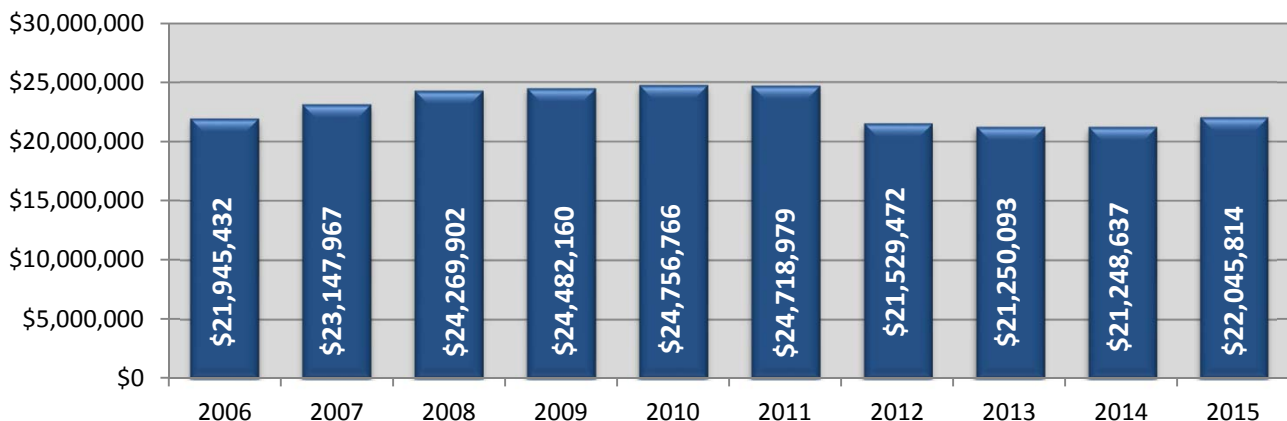
SUMMARY OF BUDGET CHANGES

• Significant Notes - 2016/17 Budget Compared to 2015/16 Budget

- * The total Police Department Operating Budget is \$24,715,740. This is a \$478,180 or 1.97% increase over the prior year. The capital budget is located in the Capital Projects Fund and is \$597,500. This is an increase over the prior year budget by \$302,500 or 102.5%.
- * Full-time personnel have decreased by 1.5 positions to remove a 1/2 Community Affairs Director which is now charged 100% to the City Manager Office and 1 police service aid unfilled position. Personal Services continue to be the largest portion of the Police Department budget, comprising 87% of the entire department budget.
- * The Capital Budget saw a significant increase because of a number of large projects including the replacement of the in-car video cameras, the upgrade to the Next Generation 911 System, and the shift of the new Emergency Police Dispatch software to the 2016/17 budget..

Personnel Summary	2014 Budget		2015 Budget		2016 Budget		2017 Budget	
	Full Time	Part Time	Full Time	Part Time	Full Time	Part Time	Full Time	Part Time
Police Department	148.5	8.6	152.5	8.8	153.5	8.3	152	9.1
Total Department	148.5	8.6	152.5	8.8	153.5	8.3	152	9.1

• Operating Budget History



**General Fund
Public Safety**

Police Department

	2014 Actual Amount	2015 Actual Amount	2016 Estimated Amount	2016 Amended Budget	2017 Proposed	% Change	2018 Proposed	2019 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	\$ 1,051,078	\$ 899,164	\$ 939,960	\$ 925,700	\$ 939,130	1.45%	\$ 954,210	\$ 969,700
Supplies	102,009	125,536	125,700	128,585	105,610	-17.87%	107,690	109,930
Other Service Charges	465,967	513,154	546,340	572,620	586,970	2.51%	597,300	610,690
Business Unit Total: Police Administration	1,619,054	1,537,854	1,612,000	1,626,905	1,631,710	0.30%	1,659,200	1,690,320

**General Fund
Public Safety**

Police Department

	2014 Actual Amount	2015 Actual Amount	2016 Estimated Amount	2016 Amended Budget	2017 Proposed	% Change	2018 Proposed	2019 Proposed
Business Unit: 320								
Professional Standards								
101.301.10.320								
Personal Services	597,024	648,618	694,020	682,480	729,110	6.83%	741,350	753,890
Supplies	1,768	1,790	1,800	1,800	1,800	0.00%	1,840	1,800
Other Service Charges	-	8,840	18,060	18,040	19,020	5.43%	18,790	19,770
Business Unit Total:								
Professional Standards	598,791	659,248	713,880	702,320	749,930	6.78%	761,980	775,460
Division Total:								
Executive								
Administration	2,217,846	2,197,102	2,325,880	2,329,225	2,381,640	2.25%	2,421,180	2,465,780
Division: 11								
Investigative/Admin								
Services								
Business Unit: 307								
Investigations Services								
101.301.11.307								
Personal Services	1,902,616	1,881,902	1,885,990	1,906,040	1,999,240	4.89%	2,032,250	2,066,280
Supplies	13,275	9,399	16,110	16,230	16,360	0.80%	16,500	16,370
Other Service Charges	130,869	121,163	141,160	128,295	143,990	12.23%	148,990	149,820
Business Unit Total:								
Investigations Services	2,046,760	2,012,463	2,043,260	2,050,565	2,159,590	5.32%	2,197,740	2,232,470

**General Fund
Public Safety**

Police Department

	2014 Actual Amount	2015 Actual Amount	2016 Estimated Amount	2016 Amended Budget	2017 Proposed	% Change	2018 Proposed	2019 Proposed
Business Unit: 308								
Crime Information Unit								
101.301.11.308								
Personal Services	478,937	464,960	468,140	503,780	473,940	-5.92%	481,710	489,730
Supplies	3,088	1,692	4,200	4,230	4,260	0.71%	4,360	4,460
Other Service Charges	9,342	23,277	24,160	37,930	23,890	-37.02%	25,270	24,860
Business Unit Total:								
Crime Information Unit	491,366	489,928	496,500	545,940	502,090	-8.03%	511,340	519,050
Business Unit: 309								
Special Investigations Unit								
101.301.11.309								
Personal Services	451,740	482,030	518,650	513,280	532,750	3.79%	541,600	550,730
Supplies	3,862	3,223	3,700	3,720	21,740	484.41%	3,770	3,800
Other Service Charges	51,696	43,644	38,890	47,260	39,670	-16.06%	40,780	41,290
Business Unit Total:								
Special Investigations Unit	507,298	528,897	561,240	564,260	594,160	5.30%	586,150	595,820

**General Fund
Public Safety**

Police Department

	2014 Actual Amount	2015 Actual Amount	2016 Estimated Amount	2016 Amended Budget	2017 Proposed	% Change	2018 Proposed	2019 Proposed
Business Unit: 311 Drug Enforcement (DEA)								
101.301.11.311								
Personal Services	169,517	161,263	177,450	170,040	173,500	2.03%	176,400	179,360
Supplies	6,103	5,507	6,900	8,940	9,100	1.79%	9,280	9,460
Other Service Charges	20,953	20,656	21,360	21,550	21,680	0.60%	22,120	22,560
Business Unit Total: Drug Enforcement (DEA)	196,573	187,426	205,710	200,530	204,280	1.87%	207,800	211,380
Business Unit: 321 Criminal Justice Training								
101.301.11.321								
Personal Services	-	-	-	-	-	0.00%	-	-
Supplies	-	-	-	-	-	0.00%	-	-
Other Service Charges	21,844	22,429	20,800	20,800	21,300	2.40%	21,730	22,170
Business Unit Total: Criminal Justice Training	21,844	22,429	20,800	20,800	21,300	2.40%	21,730	22,170

**General Fund
Public Safety**

Police Department

	2014 Actual Amount	2015 Actual Amount	2016 Estimated Amount	2016 Amended Budget	2017 Proposed	% Change	2018 Proposed	2019 Proposed
Business Unit: 322								
Training Section								
101.301.11.322								
Personal Services	325,812	302,935	300,590	282,560	311,060	10.09%	316,080	321,260
Supplies	73,164	96,896	84,400	84,800	86,450	1.95%	88,150	89,890
Other Service Charges	17,025	24,174	20,910	30,350	21,160	-30.28%	22,210	22,060
Business Unit Total:								
Training Section	416,000	424,005	405,900	397,710	418,670	5.27%	426,440	433,210
Business Unit: 324								
Emergency Response/Preparedness								
101.301.11.324								
Personal Services	11,777	69,619	78,680	74,490	81,830	9.85%	83,210	84,600
Supplies	51,617	34,776	53,200	53,240	54,310	2.01%	55,400	56,510
Other Service Charges	3,838	4,538	10,030	10,350	10,590	2.32%	10,820	11,050
Business Unit Total:								
Emergency Response/Preparedness	67,232	108,932	141,910	138,080	146,730	6.26%	149,430	152,160

**General Fund
Public Safety**

Police Department

	2014 Actual Amount	2015 Actual Amount	2016 Estimated Amount	2016 Amended Budget	2017 Proposed	% Change	2018 Proposed	2019 Proposed
Business Unit: 326								
Records Section								
101.301.11.326								
Personal Services	445,954	540,715	550,370	579,730	623,960	7.63%	634,490	645,320
Supplies	1,224	1,189	1,300	1,300	1,310	0.77%	1,320	1,330
Other Service Charges	21,202	22,502	11,290	13,280	13,840	4.22%	13,840	14,420
Business Unit Total:								
Records Section	468,380	564,406	562,960	594,310	639,110	7.54%	649,650	661,070
Business Unit: 329								
Lockup Section								
101.301.11.329								
Personal Services	1,158,403	1,273,681	1,257,160	1,437,380	1,321,620	-8.05%	1,344,190	1,367,460
Supplies	22,809	19,317	20,500	20,700	20,900	0.97%	21,330	21,770
Other Service Charges	13,468	15,879	15,390	15,480	16,090	3.94%	16,110	16,440
Business Unit Total:								
Lockup Section	1,194,680	1,308,878	1,293,050	1,473,560	1,358,610	-7.80%	1,381,630	1,405,670
Business Unit: 333								
Property Section								
101.301.11.333								
Personal Services	102,882	112,189	99,450	104,570	113,420	8.46%	115,420	117,490
Supplies	1,004	2,303	1,800	1,820	1,840	1.10%	1,870	1,900
Other Service Charges	166	526	430	430	440	2.33%	450	460
Business Unit Total:								
Property Section	104,053	115,018	101,680	106,820	115,700	8.31%	117,740	119,850

**General Fund
Public Safety**

Police Department

	2014 Actual Amount	2015 Actual Amount	2016 Estimated Amount	2016 Amended Budget	2017 Proposed	% Change	2018 Proposed	2019 Proposed
Business Unit: 334								
Research & Technology								
101.301.11.334								
Personal Services	256,339	284,585	239,960	306,180	303,150	-0.99%	308,370	313,720
Supplies	22,801	21,720	24,600	24,670	24,350	-1.30%	24,840	25,340
Other Service Charges	534,916	593,295	640,770	640,870	657,040	2.52%	689,990	703,800
Business Unit Total:								
Research & Technology	814,056	899,601	905,330	971,720	984,540	1.32%	1,023,200	1,042,860
Division Total:								
Investigative/Admin								
Services	6,328,242	6,661,984	6,738,340	7,064,295	7,144,780	1.14%	7,272,850	7,395,710
Division: 12 Operations								
Business Unit: 315 Road								
Patrol								
101.301.12.315								
Personal Services	7,570,331	8,102,991	8,409,110	8,942,460	9,414,810	5.28%	9,568,630	9,727,300
Supplies	155,381	214,326	224,800	226,870	167,300	-26.26%	170,540	173,980
Other Service Charges	1,172,130	874,833	796,360	883,660	842,000	-4.71%	870,200	875,920
Business Unit Total:								
Road Patrol	8,897,842	9,192,150	9,430,270	10,052,990	10,424,110	3.69%	10,609,370	10,777,200

**General Fund
Public Safety**

Police Department

	2014 Actual Amount	2015 Actual Amount	2016 Estimated Amount	2016 Amended Budget	2017 Proposed	% Change	2018 Proposed	2019 Proposed
Business Unit: 316 K Nine								
101.301.12.316								
Personal Services	482,106	453,206	464,750	512,780	472,910	-7.78%	480,470	488,250
Supplies	4,650	3,282	4,940	4,700	4,750	1.06%	4,800	4,970
Other Service Charges	56,158	60,549	62,970	59,950	63,760	6.36%	65,950	66,360
Business Unit Total: K Nine	542,914	517,037	532,660	577,430	541,420	-6.24%	551,220	559,580
Business Unit: 317 Directed Patrol Unit								
101.301.12.317								
Personal Services	411,689	558,739	599,380	680,420	606,680	-10.84%	616,930	627,500
Supplies	3,662	3,381	5,640	5,640	5,680	0.71%	5,720	5,920
Other Service Charges	37,492	56,125	86,230	42,310	87,790	107.49%	90,150	91,330
Business Unit Total: Directed Patrol Unit	452,843	618,245	691,250	728,370	700,150	-3.87%	712,800	724,750
Business Unit: 318 Traffic Unit								
101.301.12.318								
Personal Services	-	36,023	302,850	282,490	266,590	-5.63%	270,970	275,470
Supplies	-	3,152	3,640	3,680	3,670	-0.27%	3,710	3,670
Other Service Charges	-	15,463	37,430	41,210	37,880	-8.08%	38,640	39,420
Business Unit Total: Traffic Unit	-	54,638	343,920	327,380	308,140	-5.88%	313,320	318,560

**General Fund
Public Safety**

Police Department

	2014 Actual Amount	2015 Actual Amount	2016 Estimated Amount	2016 Amended Budget	2017 Proposed	% Change	2018 Proposed	2019 Proposed
Business Unit: 319								
Crossing Guards								
101.301.12.319								
Personal Services	26,203	26,216	26,570	26,950	32,320	19.93%	32,790	33,280
Supplies	188	285	300	300	300	0.00%	310	320
Other Service Charges	118	363	280	280	280	0.00%	290	300
Business Unit Total:								
Crossing Guards	26,508	26,864	27,150	27,530	32,900	19.51%	33,390	33,900
Business Unit: 325								
Communications Section								
101.301.12.325								
Personal Services	1,863,672	1,767,245	1,904,200	1,885,850	2,102,860	11.51%	2,138,700	2,175,530
Supplies	29,316	51,025	47,690	41,160	41,980	1.99%	42,840	43,700
Other Service Charges	66,925	77,557	60,460	60,530	61,750	2.02%	63,010	64,280
Business Unit Total:								
Communications Section	1,959,912	1,895,827	2,012,350	1,987,540	2,206,590	11.02%	2,244,550	2,283,510

**General Fund
Public Safety**

Police Department

	2014 Actual Amount	2015 Actual Amount	2016 Estimated Amount	2016 Amended Budget	2017 Proposed	% Change	2018 Proposed	2019 Proposed
Business Unit: 335								
Community Services								
Section								
101.301.12.335								
Personal Services	762,960	818,977	966,180	1,068,330	900,590	-15.70%	916,540	931,710
Supplies	6,403	6,506	8,770	8,770	9,650	10.03%	9,030	9,230
Other Service Charges	53,167	56,483	64,850	65,700	65,770	0.11%	68,290	68,440
Business Unit Total:								
Community Services								
Section	822,530	881,965	1,039,800	1,142,800	976,010	-14.59%	993,860	1,009,380
Operations	12,702,549	13,186,728	14,077,400	14,844,040	15,189,320	2.33%	15,458,510	15,706,880
Department Total:								
Police Department	\$ 21,248,637	\$ 22,045,814	\$ 23,141,620	\$ 24,237,560	\$ 24,715,740	1.97%	\$ 25,152,540	\$ 25,568,370

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
- » 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	2013/14 Actual	2014/15 Actual	2015/16 Projected	2016/17 Budget
Fire Department Responses	1,161	1,076	1,100	1,100
All Fires	158	154	150	150
Structure Fires	62	41	50	50
Property Endangered	\$143,224,998	\$124,787,496	\$130,000,000	\$140,000,000
Fire Loss	\$2,076,872	\$2,198,859	\$2,600,000	\$2,800,000
# of Volunteer Firefighters	159	155	160	165
Firefighter Training Hours	16,506	18,100	18,000	18,000
Public Education Programs	118	95	100	100
Public Education Attendance	8,218	8,470	8,000	8,000
Inspections Performed	2,988	2,766	2,600	2,600
Violations Issued	1,393	1,775	1,500	1,500
Violations Cleared	822	1,167	1,000	1,000
Fees Earned	\$155,597	\$155,200	\$155,000	\$155,000
Permits Issued	585	598	600	600
Plans Reviewed	965	845	800	800
Fire Loss Per Capita*	\$25.65	\$27.15	\$32.11	\$34.58
Dept. Operating Cost Per Capita**	\$56.82	\$82.22	\$60.60	\$62.29
Firefighting Efficiency***	99%	98%	98%	98%
Civilian fire related deaths/injuries	2/6	0/2	0/0	0/0
Firefighter death/injuries	0/3	0/6	0/0	0/0

Notes on Performance Indicators

- *Based on the 2010 Census population of 80,980 residents
- **2014/15 Actual represents a one time increase to the Volunteer Firefighter Incentive Plan
- ***Based on Fire Loss vs. Endangered Property value

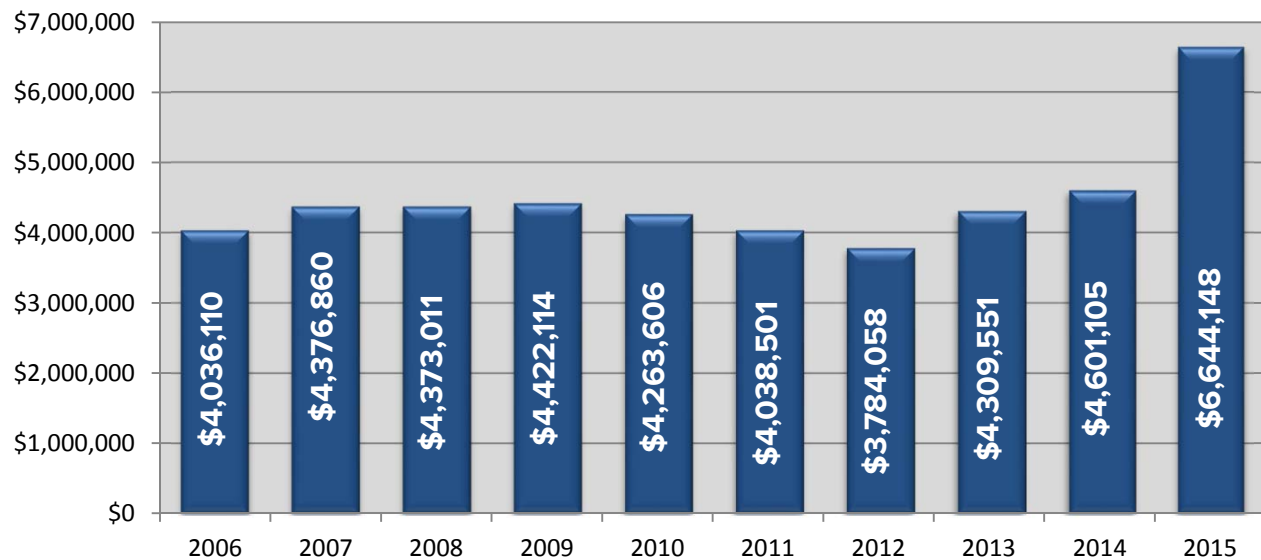
Fire

SUMMARY OF BUDGET CHANGES

- *Significant Notes - 2016/17 Budget Compared to 2015/16 Budget*

Personnel Summary	2014 Budget		2015 Budget		2016 Budget		2017 Budget	
	Full Time	Part Time	Full Time	Part Time	Full Time	Part Time	Full Time	Part Time
Fire Department	11	2.1	11	2.2	12	2.6	12	2.2
Total Department	11	2.1	11	2.2	12	2.6	12	2.2

- *Operating Budget History*



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

**General Fund
Public Safety**

Fire Department

	2014 Actual Amount	2015 Actual Amount	2016 Estimated Amount	2016 Amended Budget	2017 Proposed	% Change	2018 Proposed	2019 Proposed
Fund: 101 GENERAL FUND								
Expenditures								
Department: 336 Fire Department								
Business Unit: 337 Fire Administration								
101.336.00.337								
Personal Services	\$ 278,777	\$ 314,845	\$ 304,440	\$ 320,120	\$ 336,230	5.03%	\$ 341,800	\$ 347,520
Supplies	6,466	8,618	6,500	7,500	7,500	0.00%	7,500	7,500
Other Service Charges	35,218	36,586	47,290	47,240	47,750	1.08%	48,020	48,020
Business Unit Total: Fire Administration	320,461	360,049	358,230	374,860	391,480	4.43%	397,320	403,040
Business Unit: 338 Fire Operations								
101.336.00.338								
Personal Services	318,490	337,147	350,840	353,990	431,890	22.01%	439,220	446,850
Supplies	240,814	278,564	282,520	289,530	292,000	0.85%	292,000	292,000
Other Service Charges	551,356	583,719	597,570	584,210	608,790	4.21%	609,610	610,450
Business Unit Total: Fire Operations	1,110,660	1,199,430	1,230,930	1,227,730	1,332,680	8.55%	1,340,830	1,349,300

**General Fund
Public Safety**

Fire Department

	2014 Actual Amount	2015 Actual Amount	2016 Estimated Amount	2016 Amended Budget	2017 Proposed	% Change	2018 Proposed	2019 Proposed
Business Unit: 340 Fire Companies								
101.336.00.340								
Personal Services	20,473	1,154	14,280	-	-	0.00%	-	-
Supplies	7,646	12,701	11,000	11,440	11,660	1.92%	11,660	11,660
Other Service Charges	1,476,757	3,484,472	1,520,990	1,525,290	1,538,160	0.84%	1,538,160	1,538,160
Business Unit Total: Fire Companies	1,504,876	3,498,326	1,546,270	1,536,730	1,549,820	0.85%	1,549,820	1,549,820
Business Unit: 341 Fire Prevention								
101.336.00.341								
Personal Services	909,752	864,774	895,390	1,037,650	899,310	-13.33%	914,530	930,280
Supplies	8,661	12,631	14,000	14,000	14,000	0.00%	14,000	14,000
Other Service Charges	86,961	95,795	110,720	122,490	112,460	-8.19%	114,380	116,340
Business Unit Total: Fire Prevention	1,005,374	973,200	1,020,110	1,174,140	1,025,770	-12.64%	1,042,910	1,060,620
Business Unit: 343 Fire Communications								
101.336.00.343								
Personal Services	-	-	-	-	-	0.00%	-	-
Supplies	2,589	2,640	3,840	3,840	4,100	6.77%	4,100	4,100
Other Service Charges	199,104	220,784	225,110	219,720	215,510	-1.92%	218,980	222,520
Business Unit Total: Fire Communications	201,693	223,424	228,950	223,560	219,610	-1.77%	223,080	226,620

**General Fund
Public Safety**

Fire Department

	2014 Actual Amount	2015 Actual Amount	2016 Estimated Amount	2016 Amended Budget	2017 Proposed	% Change	2018 Proposed	2019 Proposed
Business Unit: 344 Fire Halls								
101.336.00.344								
Personal Services	-	-	-	-	-	0.00%	-	-
Supplies	50,576	64,989	72,500	76,500	70,500	-7.84%	70,500	70,500
Other Service Charges	407,399	324,731	333,130	417,030	387,370	-7.11%	390,070	392,800
Business Unit Total: Fire Halls	457,976	389,719	405,630	493,530	457,870	-7.23%	460,570	463,300
Department Total: Fire Department	\$ 4,601,040	\$ 6,644,148	\$ 4,790,120	\$ 5,030,550	\$ 4,977,230	-1.06%	\$ 5,014,530	\$ 5,052,700

BUILDING INSPECTION

SAFEbuilt Building Official | Paul N. Featherston

Building Official/Code Inspector | Mitchell Grusnick

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

DEPARTMENT FUNCTION

Administration

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

Clerical

- » Processes and issues permits
- » Collects fees for permits and conducts daily accounting of fees
- » Maintains and updates permit and inspection records
- » Prepares and processes written communications from the department
- » Prepares monthly and annual reports
- » Assists the public in locating record on existing buildings
- » Recommends strategic planning initiatives
- » Facilitates Council-community relationships completion of assure compliance with all codes and ordinances
- » 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	2013/14 Actual	2014/15 Actual	2015/16 Projected	2016/17 Budget
Permits issued	9,846	9,433	10,000	10000
Plans Reviewed	2,764	3,051	3,200	3200
Total Value of Construction	\$153,458,707	\$98,903,615	\$115,000,000	\$120,000,000
Number of Inspections	17,297	17,785	18,000	18000

Notes on Performance Indicators

- There is a trend of increasing permit and inspection activity

Building Inspection

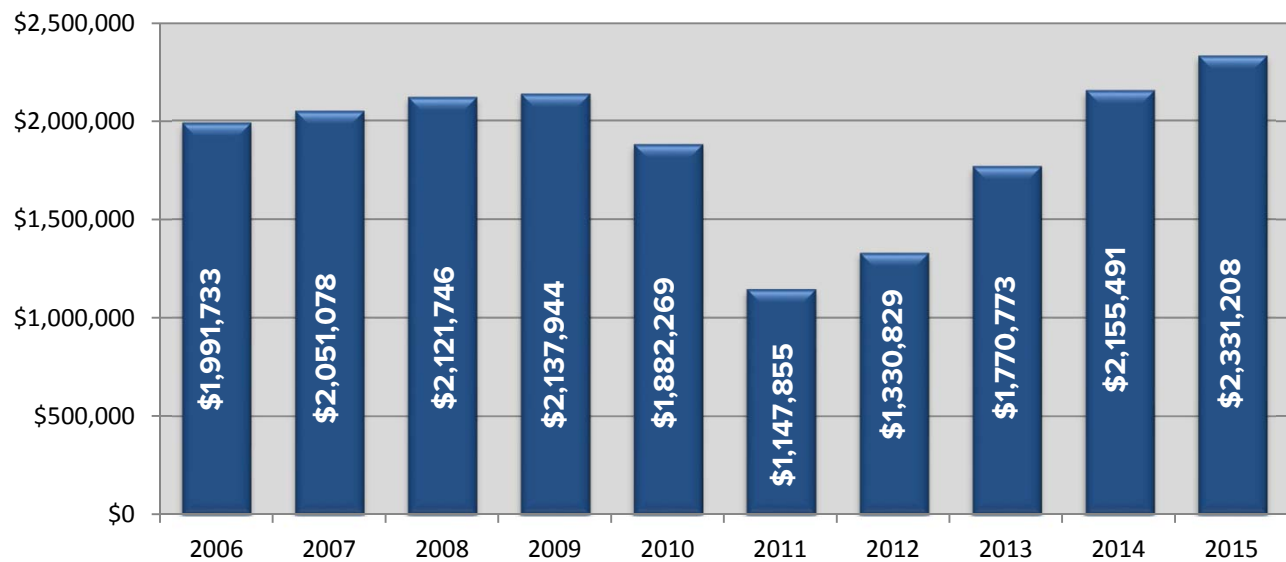
SUMMARY OF BUDGET CHANGES

- Significant Notes - 2016/17 Budget Compared to 2015/16 Budget*

Personnel Summary	2014 Budget		2015 Budget		2016 Budget		2017 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	
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*



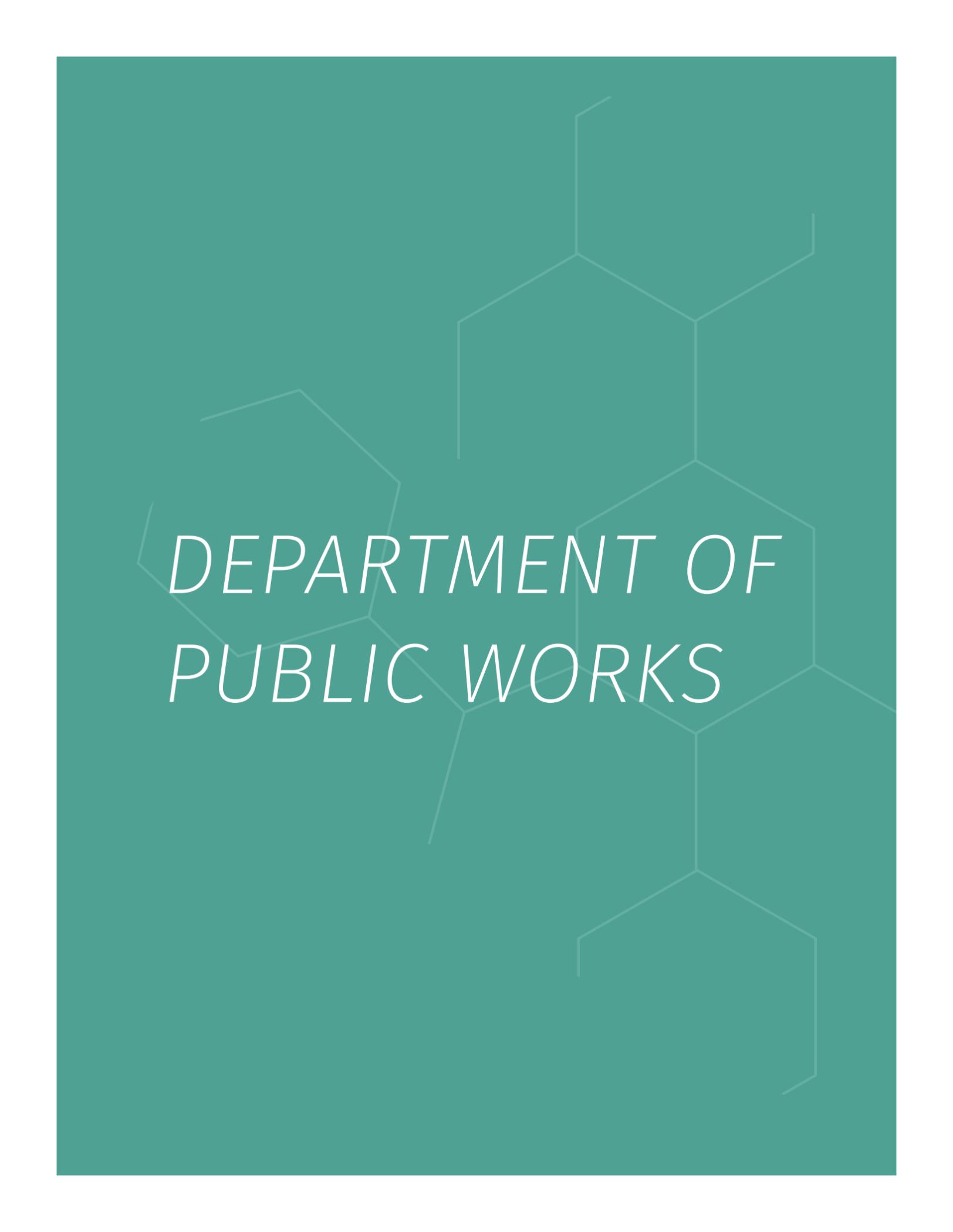
**General Fund
Public Safety**

Building Inspections

	2014 Actual Amount	2015 Actual Amount	2016 Estimated Amount	2016 Amended Budget	2017 Proposed	% Change	2018 Proposed	2019 Proposed
Fund: 101 GENERAL FUND								
Expenditures								
Department: 371 Building Inspections								
Business Unit: 371 Building Inspections								
101.371.00.371								
Personal Services	\$ 49,432	\$ 50,860	\$ 52,360	\$ 52,900	\$ 53,850	1.80%	\$ 54,750	\$ 55,660
Supplies	-	12,294	4,200	300	2,000	566.67%	2,000	2,000
Other Service Charges	2,106,059	2,268,053	2,162,900	2,460,520	2,180,040	-11.40%	2,201,370	2,222,930
Business Unit Total: Building Inspections	2,155,491	2,331,208	2,219,460	2,513,720	2,235,890	-11.05%	2,258,120	2,280,590
Department Total: Building Inspections	\$ 2,155,491	\$ 2,331,208	\$ 2,219,460	\$ 2,513,720	\$ 2,235,890	-11.05%	\$ 2,258,120	\$ 2,280,590



WE BELIEVE IN DOING
GOVERNMENT THE BEST

The background is a solid teal color. Overlaid on this are several white, thin-lined geometric shapes. These shapes are composed of interconnected lines forming a network of polygons, primarily hexagons and pentagons, some of which are open on one side, resembling a stylized molecular structure or a honeycomb pattern. The text is centered within this pattern.

*DEPARTMENT OF
PUBLIC WORKS*

PUBLIC WORKS

Public Works Director | Kurt Bovensiepe

The mission of the Public Works Department is to continuously provide excellent services using the most up-to-date equipment, and to protect the safe, clean, and healthy environment that the taxpayers of Troy have come to enjoy.

The mission of the Streets and Drains Division 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	2013/14 Actual	2014/15 Actual	2015/16 Projected	2016/17 Budget
Sidewalks-New Installation	\$50,000	\$26,864	\$50,000	\$50,000
Concrete Pavement Repair	\$5,655,000	\$12,923,674	\$11,200,000	\$5,000,000
Crack and Joint Sealing	\$100,000	\$160,000	\$140,000	\$150,000
Street Light Maintenance	\$477,314	\$597,523	\$550,000	\$635,000
Streets and Drains				
Performance Indicator	2013/14 Actual	2014/15 Actual	2015/16 Projected	2016/17 Budget
Snow Removal and Plowing Occurrences	11	4	1	6
Snow and Ice Control and Salting Occurrences	73	32	29	35
Salt Usages in Tons	11,910	9,530	7,500	10,500
Chloride Sand Usage in Tons	35	35	33	35
Asphalt Placed (Hot)	380	353	400	450
Asphalt Placed (Cold)	256	152	104	150
Concrete Redi-Mix Placed	614	626	650	650
Traffic Sign Repairs or Replacements	201	181	250	250
Street Sweeping Local Roads (4 times per year)	25%	25%	25%	25%
Requests for Service	1,935	1,754	1,800	1,800

Notes on Performance Indicators

- Significant concrete pavement repair in 2014/15 and 2015/16 due to "Troy Roads Rock" project.

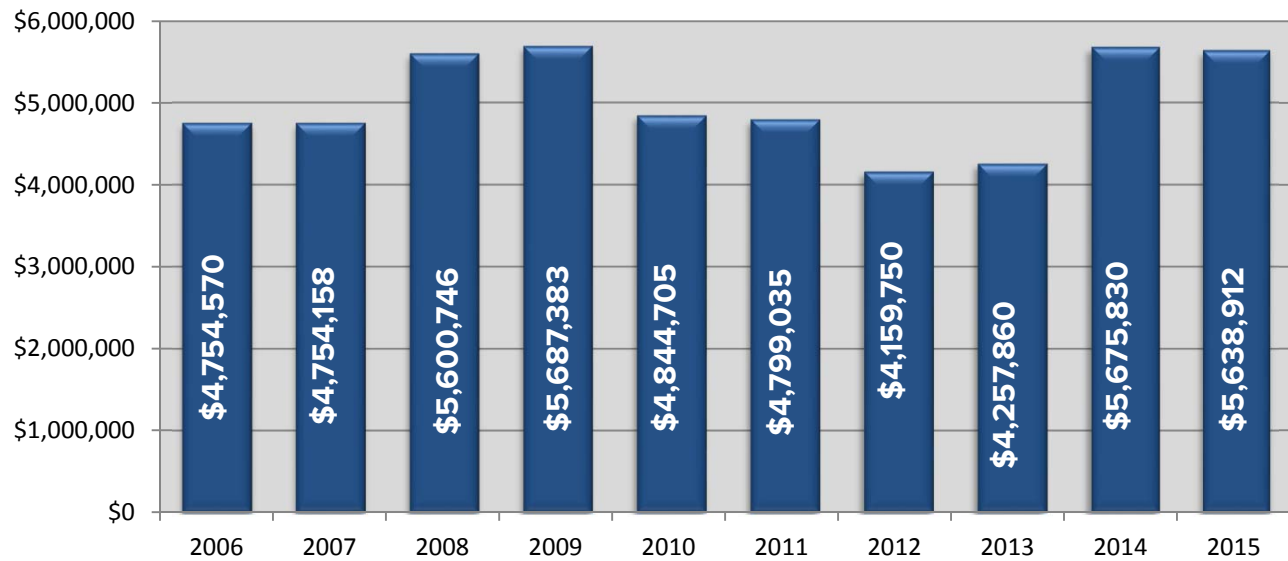
Public Works

SUMMARY OF BUDGET CHANGES

- *Significant Notes - 2016/17 Budget Compared to 2015/16 Budget*

Personnel Summary	2014 Budget		2015 Budget		2016 Budget		2017 Budget	
	Full Time	Part Time	Full Time	Part Time	Full Time	Part Time	Full Time	Part Time
Streets and Drains	20.29	4.3	22.29	4.8	23.89	4.2	22.42	4.6
Total Department	20.29	4.3	22.29	4.8	23.89	4.2	22.42	4.6

- *Operating Budget History*



**General Fund
Public Works**

Streets Department

	2014 Actual Amount	2015 Actual Amount	2016 Estimated Amount	2016 Amended Budget	2017 Proposed	% Change	2018 Proposed	2019 Proposed
Fund: 101 GENERAL FUND								
Expenditures								
Department: 447 Streets								
Department								
Division: 20 - Local Streets								
Business Unit: 481 Local								
Surface Maint-Gravel								
101.447.20.481								
Personal Services	\$ 26,463	\$ 37,761	\$ 39,760	\$ 66,110	\$ 65,760	-0.53%	\$ 66,860	\$ 68,010
Supplies	1,985	11,062	10,500	9,000	11,500	27.78%	11,500	11,500
Other Service Charges	13,385	25,028	22,000	19,500	18,400	-5.64%	18,400	18,400
Business Unit Total: Local								
Surface Maint-Gravel	41,833	73,852	72,260	94,610	95,660	1.11%	96,760	97,910
Business Unit: 482 Local								
Surface Maintenance								
101.447.20.482								
Personal Services	171,746	313,138	303,240	288,880	290,090	0.42%	294,900	299,950
Supplies	52,863	79,571	82,000	87,500	96,500	10.29%	87,500	87,500
Other Service Charges	55,730	84,107	90,000	101,600	148,300	45.96%	148,300	148,300
Business Unit Total: Local								
Surface Maintenance	280,338	476,816	475,240	477,980	534,890	11.91%	530,700	535,750

**General Fund
Public Works**

Streets Department

	2014 Actual Amount	2015 Actual Amount	2016 Estimated Amount	2016 Amended Budget	2017 Proposed	% Change	2018 Proposed	2019 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	5,666	2,394	3,340	7,190	6,240	-13.21%	6,330	6,420
Supplies	-	-	2,500	5,000	2,500	-50.00%	2,500	2,500
Other Service Charges	1,141	620	1,600	1,570	1,570	0.00%	1,570	1,570
Business Unit Total: Local Guard Rails & Posts	6,806	3,015	7,440	13,760	10,310	-25.07%	10,400	10,490

**General Fund
Public Works**

Streets Department

	2014 Actual Amount	2015 Actual Amount	2016 Estimated Amount	2016 Amended Budget	2017 Proposed	% Change	2018 Proposed	2019 Proposed
Business Unit: 486 Local Sweeping								
101.447.20.486								
Personal Services	24,317	23,492	34,840	56,360	57,350	1.76%	58,330	59,360
Supplies	-	-	-	-	-	0.00%	-	-
Other Service Charges	40,221	41,580	40,000	50,000	50,000	0.00%	50,000	50,000
Business Unit Total: Local Sweeping	64,538	65,072	74,840	106,360	107,350	0.93%	108,330	109,360
Business Unit: 489 Local Drain Structures								
101.447.20.489								
Personal Services	121,898	200,665	233,860	189,160	194,650	2.90%	197,940	201,360
Supplies	14,072	15,005	22,000	27,000	27,000	0.00%	27,000	27,000
Other Service Charges	73,997	119,264	168,000	131,000	168,000	28.24%	168,000	168,000
Business Unit Total: Local Drain Structures	209,967	334,934	423,860	347,160	389,650	12.24%	392,940	396,360
Business Unit: 490 Local Roadside Cleanup								
101.447.20.490								
Personal Services	3,381	2,766	13,430	2,750	2,770	0.73%	2,810	2,850
Supplies	47	-	-	300	150	-50.00%	150	150
Other Service Charges	497	728	1,000	1,170	1,150	-1.71%	1,150	1,150
Business Unit Total: Local Roadside Cleanup	3,925	3,494	14,430	4,220	4,070	-3.55%	4,110	4,150

**General Fund
Public Works**

Streets Department

	2014 Actual Amount	2015 Actual Amount	2016 Estimated Amount	2016 Amended Budget	2017 Proposed	% Change	2018 Proposed	2019 Proposed
Business Unit: 491 Local Grass & Weed Control 101.447.20.491								
Personal Services	941	2,625	4,390	-	-	0.00%	-	-
Supplies	383	102	100	280	150	-46.43%	150	150
Other Service Charges	136	368	600	800	800	0.00%	800	800
Business Unit Total: Local Grass & Weed Control	1,460	3,095	5,090	1,080	950	-12.04%	950	950
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	61,318	50,641	54,450	91,110	93,660	2.80%	95,240	96,900
Supplies	31,804	23,042	30,000	30,000	30,000	0.00%	30,000	30,000
Other Service Charges	27,934	21,316	20,000	29,400	29,900	1.70%	29,900	29,900
Business Unit Total: Local Signs	121,057	95,000	104,450	150,510	153,560	2.03%	155,140	156,800

**General Fund
Public Works**

Streets Department

	2014 Actual Amount	2015 Actual Amount	2016 Estimated Amount	2016 Amended Budget	2017 Proposed	% Change	2018 Proposed	2019 Proposed
Business Unit: 497 Local Markings 101.447.20.497								
Personal Services	7,273	10,460	5,880	18,390	5,110	-72.21%	5,180	5,280
Supplies	6,715	11,599	20,000	20,000	20,000	0.00%	20,000	20,000
Other Service Charges	1,693	1,237	1,000	5,000	2,000	-60.00%	2,000	2,000
Business Unit Total: Local Markings	15,681	23,296	26,880	43,390	27,110	-37.52%	27,180	27,280
Business Unit: 498 Local Snow & Ice Control 101.447.20.498								
Personal Services	301,325	141,018	111,790	236,950	251,760	6.25%	255,960	260,360
Supplies	80,438	137,294	75,000	140,000	140,000	0.00%	140,000	140,000
Other Service Charges	507,167	205,494	170,000	360,300	362,500	0.61%	362,500	362,500
Business Unit Total: Local Snow & Ice Control	888,930	483,806	356,790	737,250	754,260	2.31%	758,460	762,860
Business Unit: 499 Local Street Administration 101.447.20.499								
Personal Services	33,503	34,139	57,260	75,650	62,340	-17.59%	63,370	64,440
Supplies	7,956	8,668	8,500	16,300	9,300	-42.94%	9,300	9,300
Other Service Charges	85,281	97,388	130,960	160,200	132,390	-17.36%	133,250	133,250
Business Unit Total: Local Street Administration	126,740	140,195	196,720	252,150	204,030	-19.08%	205,920	206,990

**General Fund
Public Works**

Streets Department

	2014 Actual Amount	2015 Actual Amount	2016 Estimated Amount	2016 Amended Budget	2017 Proposed	% Change	2018 Proposed	2019 Proposed
Division Total: Local Streets	1,761,274	1,702,573	1,758,000	2,228,470	2,281,840	2.39%	2,290,890	2,308,900
Division: 21 - County Roads								
Business Unit: 500 County Surface Maintenance								
101.447.21.500								
Personal Services	28,095	8,675	5,960	2,450	2,290	-6.53%	2,320	2,360
Supplies	80	210	-	-	-	0.00%	-	-
Other Service Charges	4,470	2,823	1,000	10,000	1,000	-90.00%	1,000	1,000
Business Unit Total: County Surface Maintenance	32,645	11,709	6,960	12,450	3,290	-73.57%	3,320	3,360
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

	2014 Actual Amount	2015 Actual Amount	2016 Estimated Amount	2016 Amended Budget	2017 Proposed	% Change	2018 Proposed	2019 Proposed
Business Unit: 502 County Snow & Ice Control 101.447.21.502								
Personal Services	234,710	117,414	113,470	184,570	189,520	2.68%	192,690	196,030
Supplies	219,460	254,697	180,000	216,000	216,000	0.00%	216,000	216,000
Other Service Charges	185,741	102,252	75,000	121,100	98,000	-19.08%	98,000	98,000
Business Unit Total: County Snow & Ice Control	639,911	474,363	368,470	521,670	503,520	-3.48%	506,690	510,030
Business Unit: 503 County Road Administration 101.447.21.503								
Personal Services	3,216	3,341	3,700	8,140	4,530	-44.35%	4,600	4,690
Supplies	106	143	100	100	25,100	25000.00%	100	100
Other Service Charges	6,071	6,586	6,000	6,050	6,000	-0.83%	6,000	6,000
Business Unit Total: County Road Administration	9,393	10,069	9,800	14,290	35,630	149.34%	10,700	10,790

**General Fund
Public Works**

Streets Department

	2014 Actual Amount	2015 Actual Amount	2016 Estimated Amount	2016 Amended Budget	2017 Proposed	% Change	2018 Proposed	2019 Proposed
Business Unit: 504 County Signs								
101.447.21.504								
Personal Services	1,334	953	4,070	14,050	14,250	1.42%	14,500	14,740
Supplies	-	210	10,000	10,000	5,000	-50.00%	5,000	5,000
Other Service Charges	-	-	2,500	5,020	5,120	1.99%	5,120	5,120
Business Unit Total:								
County Signs	1,334	1,163	16,570	29,070	24,370	-16.17%	24,620	24,860
Business Unit: 507 County Sweeping								
101.447.21.507								
Personal Services	4,071	2,783	3,960	-	-	0.00%	-	-
Supplies	-	-	-	-	-	0.00%	-	-
Other Service Charges	4,453	2,368	1,000	-	1,000	100.00%	1,000	1,000
Business Unit Total:								
County Sweeping	8,524	5,151	4,960	-	1,000	100.00%	1,000	1,000
Division Total: County Roads	691,806	502,455	406,760	577,480	567,810	-1.67%	546,330	550,040

**General Fund
Public Works**

Streets Department

	2014 Actual Amount	2015 Actual Amount	2016 Estimated Amount	2016 Amended Budget	2017 Proposed	% Change	2018 Proposed	2019 Proposed
Division 22 - Major Streets								
Business Unit: 464 Major Surface Maintenance 101.447.22.464								
Personal Services	288,407	335,076	322,310	404,210	406,690	0.61%	413,410	420,440
Supplies	58,902	53,338	58,000	63,500	63,500	0.00%	63,500	63,500
Other Service Charges	81,343	101,035	102,000	100,000	101,400	1.40%	101,400	101,400
Business Unit Total: Major Surface Maintenance	428,651	489,448	482,310	567,710	571,590	0.68%	578,310	585,340
Business Unit: 465 Major Guard Rail & Posts 101.447.22.465								
Personal Services	1,246	3,810	6,040	1,940	1,710	-11.86%	1,730	1,760
Supplies	9,691	-	5,000	10,000	10,000	0.00%	10,000	10,000
Other Service Charges	330	919	1,500	300	1,500	400.00%	1,500	1,500
Business Unit Total: Major Guard Rails & Posts	11,268	4,729	12,540	12,240	13,210	7.92%	13,230	13,260

**General Fund
Public Works**

Streets Department

	2014 Actual Amount	2015 Actual Amount	2016 Estimated Amount	2016 Amended Budget	2017 Proposed	% Change	2018 Proposed	2019 Proposed
Business Unit: 466 Major Sweeping								
101.447.22.466								
Personal Services	28,399	29,480	34,350	47,610	46,170	-3.02%	46,940	47,740
Supplies	-	-	-	-	-	0.00%	-	-
Other Service Charges	52,472	51,956	60,000	60,020	60,040	0.03%	60,040	60,040
Business Unit Total: Major Sweeping	80,871	81,436	94,350	107,630	106,210	-1.32%	106,980	107,780
Business Unit: 469 Major Drain Structures								
101.447.22.469								
Personal Services	64,090	82,812	121,650	113,980	138,700	21.69%	141,030	143,470
Supplies	2,681	6,476	6,400	7,000	7,000	0.00%	7,000	7,000
Other Service Charges	42,141	36,227	68,000	55,000	70,000	27.27%	70,000	70,000
Business Unit Total: Major Drain Structures	108,913	125,515	196,050	175,980	215,700	22.57%	218,030	220,470
Business Unit: 470 Major Roadside Cleanup								
101.447.22.470								
Personal Services	17,167	19,969	30,570	31,490	31,330	-0.51%	31,870	32,420
Supplies	34	-	500	1,050	1,000	-4.76%	1,000	1,000
Other Service Charges	4,394	4,470	5,000	10,000	5,000	-50.00%	5,000	5,000
Business Unit Total: Major Roadside Cleanup	21,594	24,439	36,070	42,540	37,330	-12.25%	37,870	38,420

**General Fund
Public Works**

Streets Department

	2014 Actual Amount	2015 Actual Amount	2016 Estimated Amount	2016 Amended Budget	2017 Proposed	% Change	2018 Proposed	2019 Proposed
Business Unit: 471 Major Grass & Weed Control 101.447.22.471								
Personal Services	3,737	4,241	5,730	5,880	5,120	-12.93%	5,190	5,270
Supplies	-	-	-	9,500	-	-100.00%	-	-
Other Service Charges	817	648	1,000	3,500	1,000	-71.43%	1,000	1,000
Business Unit Total: Major Grass & Weed Control	4,555	4,889	6,730	18,880	6,120	-67.58%	6,190	6,270
Business Unit: 475 Major Signs 101.447.22.475								
Personal Services	79,783	117,521	118,070	91,720	94,560	3.10%	96,150	97,800
Supplies	11,837	29,684	25,000	25,000	55,000	120.00%	25,000	25,000
Other Service Charges	20,748	24,288	20,000	25,000	25,480	1.92%	25,480	25,480
Business Unit Total: Major Signs	112,368	171,493	163,070	141,720	175,040	23.51%	146,630	148,280

**General Fund
Public Works**

Streets Department

	2014 Actual Amount	2015 Actual Amount	2016 Estimated Amount	2016 Amended Budget	2017 Proposed	% Change	2018 Proposed	2019 Proposed
Business Unit: 477 Major Markings								
101.447.22.477								
Personal Services	15,226	15,060	6,710	13,650	14,190	3.96%	14,430	14,680
Supplies	6,960	8,662	10,000	10,000	10,000	0.00%	10,000	10,000
Other Service Charges	73,796	47,231	76,000	87,000	82,000	-5.75%	82,000	82,000
Business Unit Total: Major Markings	95,983	70,952	92,710	110,650	106,190	-4.03%	106,430	106,680
Business Unit: 478 Major Snow & Ice Control								
101.447.22.478								
Personal Services	337,901	247,197	209,950	291,860	289,180	-0.92%	294,010	299,070
Supplies	165,643	186,467	125,000	170,000	170,000	0.00%	170,000	170,000
Other Service Charges	160,596	112,450	75,000	100,000	102,000	2.00%	102,000	102,000
Business Unit Total: Major Snow & Ice Control	664,140	546,114	409,950	561,860	561,180	-0.12%	566,010	571,070

**General Fund
Public Works**

Streets Department

	2014 Actual Amount	2015 Actual Amount	2016 Estimated Amount	2016 Amended Budget	2017 Proposed	% Change	2018 Proposed	2019 Proposed
Business Unit: 479 Major Street Administration 101.447.22.479								
Personal Services	338,715	370,625	350,990	245,490	234,130	-4.63%	237,930	241,840
Supplies	4,315	7,095	7,000	9,000	7,500	-16.67%	7,500	7,500
Other Service Charges	278,020	296,420	326,480	321,400	323,040	0.51%	324,130	324,130
Business Unit Total: Major Street Administration	621,050	674,140	684,470	575,890	564,670	-1.95%	569,560	573,470
Division Total: Major Streets	2,149,393	2,193,155	2,178,250	2,315,100	2,357,240	1.82%	2,349,240	2,371,040
Division 23 - Drains								
Business Unit: 514 Retention Ponds 101.447.23.514								
Personal Services	41,233	65,388	63,680	90,580	86,810	-4.16%	88,180	89,630
Supplies	4,956	7,333	24,500	6,230	25,030	301.77%	25,030	25,030
Other Service Charges	76,380	78,589	142,800	83,000	157,300	89.52%	157,300	157,300
Business Unit Total: Retention Ponds	122,568	151,309	230,980	179,810	269,140	49.68%	270,510	271,960

**General Fund
Public Works**

Streets Department

	2014 Actual Amount	2015 Actual Amount	2016 Estimated Amount	2016 Amended Budget	2017 Proposed	% Change	2018 Proposed	2019 Proposed
Business Unit: 515 Open Drain Maintenance 101.447.23.515								
Personal Services	48,967	50,663	73,130	66,390	68,300	2.88%	69,450	70,670
Supplies	4,289	1,873	8,000	9,960	8,000	-19.68%	8,000	8,000
Other Service Charges	24,539	44,446	55,000	63,000	53,800	-14.60%	53,800	53,800
Business Unit Total: Open Drain Maintenance	77,795	96,982	136,130	139,350	130,100	-6.64%	131,250	132,470
Business Unit: 516 Drain Administration 101.447.23.516								
Personal Services	75,573	117,687	95,030	61,790	13,720	-77.80%	13,930	14,180
Supplies	389	523	800	1,000	800	-20.00%	800	800
Other Service Charges	38,467	37,259	54,400	56,130	54,890	-2.21%	54,890	54,890
Business Unit Total: Drain Administration	114,430	155,469	150,230	118,920	69,410	-41.63%	69,620	69,870
Business Unit: 517 Storm Sewer & Ryd 101.447.23.517								
Personal Services	72,104	88,534	138,670	127,040	128,560	1.20%	130,690	132,920
Supplies	5,351	7,849	5,000	7,500	15,000	100.00%	15,000	15,000
Other Service Charges	16,120	18,614	22,000	47,000	35,000	-25.53%	35,000	35,000
Business Unit Total: Storm Sewer & Ryd	93,575	114,997	165,670	181,540	178,560	-1.64%	180,690	182,920
Division Total: Drains	408,368	518,757	683,010	619,620	647,210	4.45%	652,070	657,220

**General Fund
Public Works**

Streets Department

	2014 Actual Amount	2015 Actual Amount	2016 Estimated Amount	2016 Amended Budget	2017 Proposed	% Change	2018 Proposed	2019 Proposed
Division 24 - Sidewalks								
Business Unit: 444								
Sidewalk Administration								
101.447.24.444								
Personal Services	9,744	9,826	36,060	36,340	37,270	2.56%	37,880	38,510
Supplies	-	-	-	-	-	0.00%	-	-
Other Service Charges	2,409	2,951	3,220	3,220	3,220	0.00%	3,220	3,220
Business Unit Total:								
Sidewalk Administration	12,153	12,778	39,280	39,560	40,490	2.35%	41,100	41,730
Business Unit: 511								
Sidewalk Maint.-Snow Removal								
101.447.24.511								
Personal Services	2,520	3,231	2,320	4,210	4,200	-0.24%	4,260	4,340
Supplies	34	382	500	780	790	1.28%	790	790
Other Service Charges	31,214	12,577	15,000	41,000	41,000	0.00%	41,000	41,000
Business Unit Total:								
Sidewalk Maint.-Snow Removal	33,768	16,189	17,820	45,990	45,990	0.00%	46,050	46,130

**General Fund
Public Works**

Streets Department

	2014 Actual Amount	2015 Actual Amount	2016 Estimated Amount	2016 Amended Budget	2017 Proposed	% Change	2018 Proposed	2019 Proposed
Business Unit: 512 Sidewalk Maint.-General 101.447.24.512								
Personal Services	83,065	99,695	83,680	82,820	82,180	-0.77%	83,460	84,810
Supplies	7,630	10,842	18,000	20,000	20,000	0.00%	20,000	20,000
Other Service Charges	11,228	22,394	20,000	54,920	50,000	-8.96%	50,000	50,000
Business Unit Total: Sidewalk Maint.-General	101,923	132,931	121,680	157,740	152,180	-3.52%	153,460	154,810
Division Total: Sidewalks	147,844	161,898	178,780	243,290	238,660	-1.90%	240,610	242,670
Lighting								
Business Unit: 448 Street Lighting 101.447.25.448								
Personal Services	15,163	16,193	20,480	12,180	12,660	3.94%	12,860	13,060
Supplies	15,245	34,717	25,000	30,000	150,000	400.00%	50,000	30,000
Other Service Charges	446,907	470,725	463,050	473,140	473,130	0.00%	473,130	473,130
Business Unit Total: Street Lighting	477,314	521,635	508,530	515,320	635,790	23.38%	535,990	516,190
Lighting	477,314	521,635	508,530	515,320	635,790	23.38%	535,990	516,190

**General Fund
Public Works**

Streets Department

	2014 Actual Amount	2015 Actual Amount	2016 Estimated Amount	2016 Amended Budget	2017 Proposed	% Change	2018 Proposed	2019 Proposed
Division 26 - Weeds/Snow & Ice								
Business Unit: 519								
Weeds/Snow & Ice								
101.447.26.519								
Personal Services	8,917	18,622	11,730	3,170	4,560	43.85%	4,620	4,700
Supplies	-	-	-	-	-	0.00%	-	-
Other Service Charges	30,914	19,818	39,200	41,600	41,700	0.24%	41,700	41,700
Business Unit Total:								
Weeds/Snow & Ice	39,831	38,439	50,930	44,770	46,260	3.33%	46,320	46,400
Division Total:								
Weeds/Snow & Ice	39,831	38,439	50,930	44,770	46,260	3.33%	46,320	46,400
Department Total: Streets								
Department	\$ 5,675,830	\$ 5,638,912	\$ 5,764,260	\$ 6,544,050	\$ 6,774,810	3.53%	\$ 6,661,450	\$ 6,692,460

An abstract graphic consisting of three vertical black lines of varying heights and one diagonal black line. The lines are positioned to frame the text. The diagonal line starts from the bottom left and extends upwards towards the word 'AND'. The tallest vertical line is on the right, starting from the top and ending near the word 'DIVERSITY'. The other two vertical lines are shorter and positioned further to the left.

WE EMBRACE DIVERSITY,
PROMOTE INNOVATION
AND ENCOURAGE
COLLABORATION

The background is a solid orange color. Overlaid on this background is a pattern of white, thin-lined hexagons. Some hexagons are complete, while others are partially cut off by the edges of the frame, creating a geometric, crystalline texture.

COMMUNITY & ECONOMIC DEVELOPMENT

ENGINEERING

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

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

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

DEPARTMENT FUNCTION

Administration

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

Engineering

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

Engineering (cont.)

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

Surveying and Inspection

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

ENGINEERING (CONT.)

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

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

DEPARTMENT FUNCTIONS CONTINUED

Right-of-Way

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

Traffic Engineering

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

Storm Water Drainage

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

Engineering

PERFORMANCE INDICATORS

Performance Indicators	2013/14 Actual	2014/15 Actual	2015/16 Projected	2016/17 Budget
Site Plans Approved	47	40	56	50
Right-of-way Permits Issued	391	341	480	500
Value of Construction Contract Awarded and Supervised	\$9.0M	\$19.0M	\$18.0M	\$7.0M
Soil Erosion Control Inspections	804	1,090	1,215	1,200
Soil Erosion Control Permits	242	232	224	220
% Engineering Plans Reviewed within 8 Weeks	87%	90%	90%	90%
% Right -of-way Permits issued within 10 days	93%	97%	98%	98%
% Soil Erosion Control Permits Issued within 5 days	94%	98%	98%	98%
% Contract Completed within Contingency	100%	100%	100%	100%
% CIP Projects Budgeted and Awarded	90%	92%	92%	92%

Notes on Performance Indicators

- "Value of Construction Contract Awarded and Supervised" is stable for 2015/16 in large part due to the 2nd round of TroyRoads Rock.
- "Value of Construction Contract Awarded and Supervised" is down for 2016/17 primarily due to an overall reduction in Capital and Enterprise funded projects.

Engineering

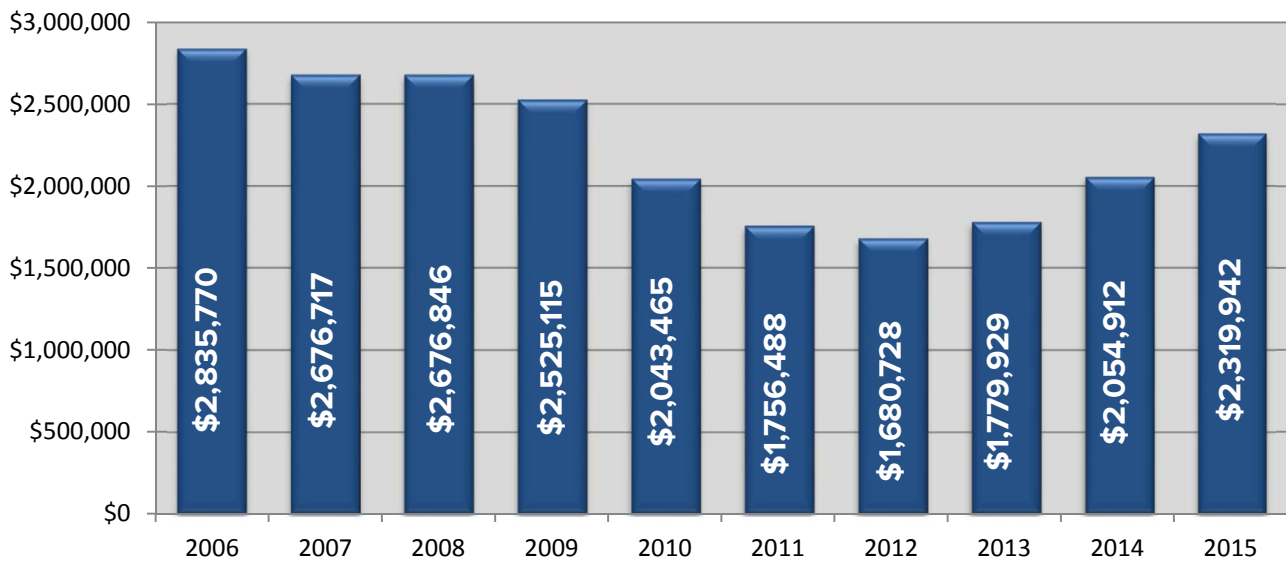
SUMMARY OF BUDGET CHANGES

• *Significant Notes - 2016/17 Budget Compared to 2015/16 Budget*

One (1) new full-time position is proposed for 2016/17. This position will provide full-time field inspection services on public improvement projects.

Personnel Summary	2014 Budget		2015 Budget		2016 Budget		2017 Budget	
	Full Time	Part Time	Full Time	Part Time	Full Time	Part Time	Full Time	Part Time
Engineering	11.25	0	11.25	0	11.2	0	12.2	0
Traffic Engineering		0.3		0.3				
Total Department	11.25	0.3	11.25	0.3	11.2	0	12.2	0

• *Operating Budget History*



**General Fund
Community Development**

Engineering Department

	2014 Actual Amount	2015 Actual Amount	2016 Estimated Amount	2016 Amended Budget	2017 Proposed	% Change	2018 Proposed	2019 Proposed
Fund: 101 GENERAL FUND								
Expenditures								
Department: 442								
Engineering								
Business Unit: 442								
Engineering								
101.442.00.442								
Personal Services	\$ 1,418,526	\$ 1,585,716	\$ 1,624,730	\$ 1,648,040	\$ 1,769,740	7.38%	\$ 1,799,620	\$ 1,830,180
Supplies	12,566	14,391	17,000	17,000	17,000	0.00%	17,000	17,000
Other Service Charges	591,092	711,045	788,320	676,850	631,790	-6.66%	635,440	639,530
Business Unit Total:								
Engineering	2,022,184	2,311,152	2,430,050	2,341,890	2,418,530	3.27%	2,452,060	2,486,710
Business Unit: 443 Traffic								
Engineering								
101.442.00.443								
Personal Services	9,587	3,762	-	-	-	0.00%	-	-
Supplies	-	-	-	-	-	0.00%	-	-
Other Service Charges	23,140	5,029	300	-	-	0.00%	-	-
Business Unit Total: Traffic								
Engineering	32,728	8,790	300	-	-	0.00%	-	-
Department Total:								
Engineering Department	\$ 2,054,912	\$ 2,319,942	\$ 2,430,350	\$ 2,341,890	\$ 2,418,530	3.27%	\$ 2,452,060	\$ 2,486,710

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.

DEPARTMENT FUNCTION

Administration

- » 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.
- » 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

Application and Review Process

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

PLANNING (CONT.)

Planning Director | R. Brent Savidant

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

PERFORMANCE INDICATORS

Performance Indicators	2013/14 Actual	2014/15 Actual	2015/16 Projected	2016/17 Budget
Site Plan Reviews	11	6	12	12
Special Use Requests	4	0	2	4
Site Condominium Reviews	6	4	6	6
Rezoning requests	2	1	1	1
Conditional Rezoning Requests	3	1	5	6
Zoning Ordinance Text	2	3	2	2
Planned Unit Developments	3	2	1	2
Sign Permit Applications reviewed	354	350	340	340
Code Enforcements	4,591	3,980	4,500	4,500
Citizen Volunteer Enforcements (temporary sign removal)	724	1,020	1,000	1,000
Zoning Board of Appeals cases	18	16	16	16
Animal Licenses	3	4	4	4
Code Enforcement Inspections	9,650	8,698	9,500	9,500
Temporary Structure, Use, & Outdoor Special Events Permits	32	22	25	25

Notes on Performance Indicators

None

Planning

SUMMARY OF BUDGET CHANGES

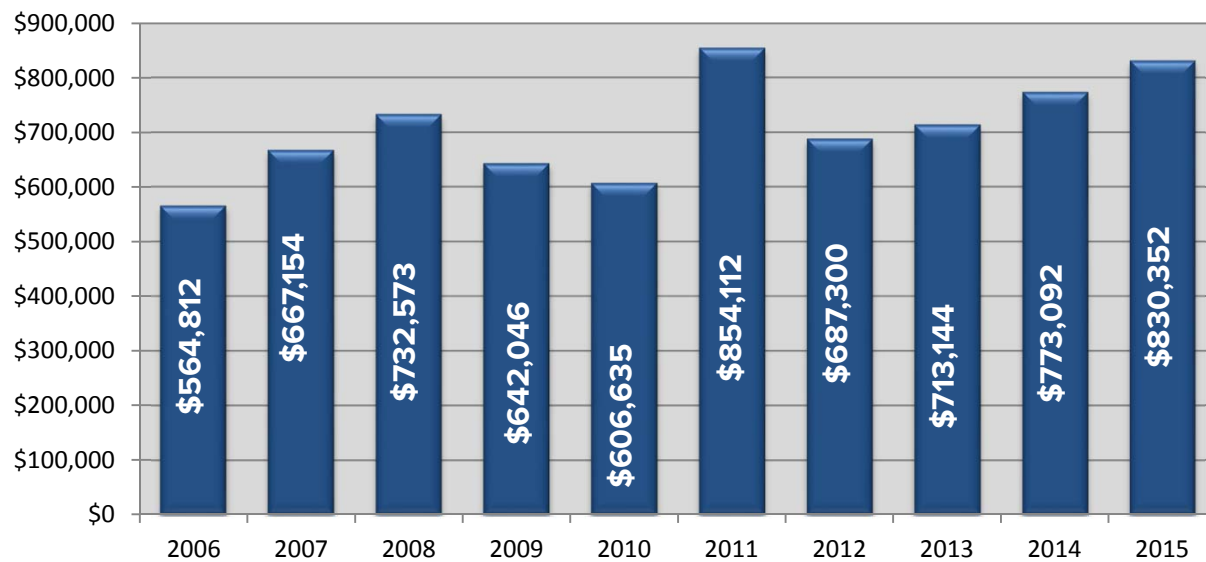
• *Significant Notes - 2016/17 Budget Compared to 2015/16 Budget*

Personal Services

Personal service increase due to increased wages

Personnel Summary	2014 Budget		2015 Budget		2016 Budget		2017 Budget	
	Full Time	Part Time	Full Time	Part Time	Full Time	Part Time	Full Time	Part Time
Planning Department	3.65	1.8	3.65	1.6	3.65	1.6	3.65	1.7
Total Department	3.65	1.8	3.65	1.6	3.65	1.6	3.65	1.7

• *Operating Budget History*




**General Fund
Community Development**

Planning Department

	2014 Actual Amount	2015 Actual Amount	2016 Estimated Amount	2016 Amended Budget	2017 Proposed	% Change	2018 Proposed	2019 Proposed
Fund: 101 GENERAL FUND								
Expenditures								
Department: 721 Planning								
Business Unit: 721 Planning								
101.721.00.721								
Personal Services	\$ 572,552	\$ 607,194	\$ 640,230	\$ 655,670	\$ 663,260	1.16%	\$ 674,080	\$ 685,140
Supplies	3,527	4,836	5,000	5,000	5,000	0.00%	5,000	5,000
Other Service Charges	179,172	205,427	199,980	199,920	201,460	0.77%	202,440	202,440
Business Unit Total: Planning	755,251	817,457	845,210	860,590	869,720	1.06%	881,520	892,580
Business Unit: 723 Planning Commission								
101.721.00.723								
Personal Services	8,070	5,153	7,040	7,280	7,280	0.00%	7,390	7,500
Supplies	88	125	500	500	500	0.00%	500	500
Other Service Charges	6,666	5,266	7,590	7,590	7,590	0.00%	7,590	7,590
Business Unit Total: Planning Commission	14,823	10,544	15,130	15,370	15,370	0.00%	15,480	15,590
Business Unit: 726 Board of Zoning Appeals								
101.721.00.726								
Personal Services	1,690	1,507	2,160	2,260	2,260	0.00%	2,290	2,320
Supplies	37	69	900	900	900	0.00%	900	900
Other Service Charges	1,290	775	2,040	2,040	2,040	0.00%	2,040	2,040
Business Unit Total: Board of Zoning Appeals	3,018	2,351	5,100	5,200	5,200	0.00%	5,230	5,260
Department Total: Planning Department	\$ 773,092	\$ 830,352	\$ 865,440	\$ 881,160	\$ 890,290	1.04%	\$ 902,230	\$ 913,430

An abstract graphic consisting of three thin black lines. A vertical line starts at the top left, goes down, and then continues as a diagonal line sloping upwards to the right. Two other vertical lines start from the bottom of the page and extend upwards, passing through the text. The first vertical line starts under the 'W' of 'WITHIN' and ends under the 'N'. The second vertical line starts under the 'O' of 'ON' and ends under the 'N'.

WE LEAD BY EXAMPLE
WITHIN THE REGION



RECREATION & CULTURE

PARKS

Department of Public Works Manager | Kurt Bovensiepe

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	2013/14 Actual	2014/15 Actual	2015/16 Projected	2016/17 Budget
Residential Tree Trimmed during Winter Block Pruning	3,300	3,976	3,500	3,500
Residential Tree Related Request	710	714	750	750
ROW Tree Planted	125	103	380	350
Athletic Field Maintenance Hours	1,381	2,076	2,100	2,100

Notes on Performance Indicators

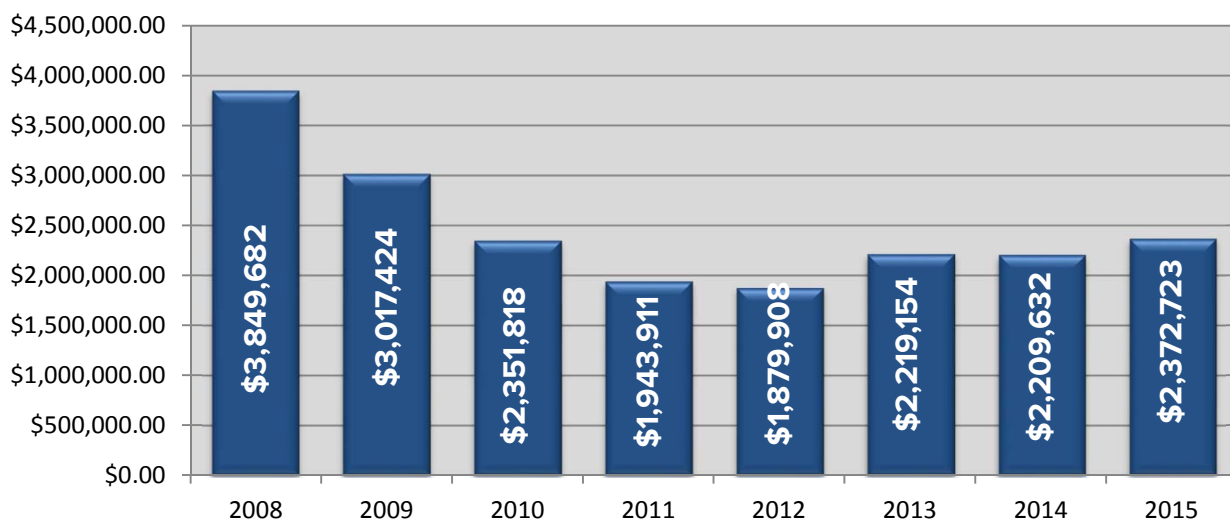
- The Recreation Department charges a field usage that augments the hours spent on athletic field maintenance.

Summary of Budget Changes

- Significant Notes - 2016/17 Budget Compared to 2015/16 Budget*

Personnel Summary	2014 Budget		2015 Budget		2016 Budget		2017 Budget	
	Full Time	Part Time	Full Time	Part Time	Full Time	Part Time	Full Time	Part Time
Parks Department	6.2	10.5	6.2	8.8	6.1	9.2	6.0	9.3
Total Department	6.2	10.5	6.2	8.8	6.1	9.2	6.0	9.3

- Operating Budget History - Parks*



**General Fund
Recreation and Culture**

City Parks

	2014 Actual Amount	2015 Actual Amount	2016 Estimated Amount	2016 Amended Budget	2017 Proposed	% Change	2018 Proposed	2019 Proposed
Fund: 101 GENERAL FUND								
Expenditures								
Department: 751 Parks								
Division: 30 - Parks Maintenance								
Business Unit: 751 Parks Administration 101. / 51.30. / 51								
Personal Services	\$ 118,004	\$ 113,362	\$ 62,360	\$ 59,470	\$ 61,180	2.88%	\$ 62,200	\$ 63,260
Supplies	125	1,179	2,100	2,750	2,750	0.00%	2,750	2,750
Other Service Charges	15,612	16,088	19,550	18,100	23,840	31.71%	24,090	24,090
Business Unit Total: Parks Administration	133,741	130,628	84,010	80,320	87,770	9.28%	89,040	90,100

**General Fund
Recreation and Culture**

City Parks

	2014 Actual Amount	2015 Actual Amount	2016 Estimated Amount	2016 Amended Budget	2017 Proposed	% Change	2018 Proposed	2019 Proposed
Business Unit: 756 Civic Center Maintenance 101.751.30.756								
Personal Services	53,259	73,595	33,310	92,130	66,050	-28.31%	67,160	68,300
Supplies	11,744	58,899	19,700	15,000	65,000	333.33%	30,000	30,000
Other Service Charges	183,195	160,577	146,030	166,230	191,730	15.34%	216,730	216,730
Business Unit Total: Civic Center Maintenance	248,198	293,071	199,040	273,360	322,780	18.08%	313,890	315,030
Business Unit: 757 Cemetery Maintenance 101.751.30.757								
Personal Services	4,743	6,103	31,220	8,990	9,010	0.22%	9,170	9,310
Supplies	-	-	-	-	-	0.00%	-	-
Other Service Charges	6,235	7,530	13,210	8,710	9,210	5.74%	9,210	9,210
Business Unit Total: Cemetery Maintenance	10,978	13,633	44,430	17,700	18,220	2.94%	18,380	18,520

**General Fund
Recreation and Culture**

City Parks

	2014 Actual Amount	2015 Actual Amount	2016 Estimated Amount	2016 Amended Budget	2017 Proposed	% Change	2018 Proposed	2019 Proposed
Business Unit: 758								
Parks Garage								
101.751.30.758								
Personal Services	-	186	-	-	-	0.00%	90	90
Supplies	2,899	3,994	2,300	6,500	7,000	7.69%	7,000	7,000
Other Service Charges	50,933	44,843	50,910	57,710	56,910	-1.39%	57,910	57,910
Business Unit Total:								
Parks Garage	53,832	49,023	53,210	64,210	63,910	-0.47%	65,000	65,000
Business Unit: 759								
Athletic Field								
Maintenance								
101.751.30.759								
Personal Services	64,202	62,031	71,380	104,930	129,190	23.12%	131,290	133,460
Supplies	9,939	21,227	22,000	23,000	23,000	0.00%	23,000	23,000
Other Service Charges	141,538	141,157	200,930	210,930	209,930	-0.47%	209,930	209,930
Business Unit Total:								
Athletic Field								
Maintenance	215,679	224,415	294,310	338,860	362,120	6.86%	364,220	366,390

**General Fund
Recreation and Culture**

City Parks

	2014 Actual Amount	2015 Actual Amount	2016 Estimated Amount	2016 Amended Budget	2017 Proposed	% Change	2018 Proposed	2019 Proposed
Business Unit: 770 Parks Maintenance 101.751.30.770								
Personal Services	227,027	261,304	281,360	329,840	307,700	-6.71%	312,560	317,590
Supplies	53,403	48,822	92,700	95,700	95,700	0.00%	95,700	95,700
Other Service Charges	389,322	373,511	425,820	364,920	434,770	19.14%	437,770	441,770
Business Unit Total: Parks Maintenance	669,752	683,637	799,880	790,460	838,170	6.04%	846,030	855,060
Business Unit: 772 Park Equipment Repair 101.751.30.772								
Personal Services	72,238	87,093	74,420	97,660	67,380	-31.01%	68,520	69,690
Supplies	-	-	-	-	-	0.00%	-	-
Other Service Charges	3,853	3,291	3,000	3,000	3,100	3.33%	3,100	3,100
Business Unit Total: Park Equipment Repair	76,091	90,384	77,420	100,660	70,480	-29.98%	71,620	72,790

**General Fund
Recreation and Culture**

City Parks

	2014 Actual Amount	2015 Actual Amount	2016 Estimated Amount	2016 Amended Budget	2017 Proposed	% Change	2018 Proposed	2019 Proposed
Business Unit: 773								
Parks - Special Events								
101.751.30.773								
Personal Services	11,105	31,059	64,680	18,210	18,320	0.60%	18,630	18,940
Supplies	-	-	-	-	-	0.00%	-	-
Other Service Charges	1,894	3,394	8,000	4,000	18,000	350.00%	18,000	18,000
Business Unit Total:								
Special Events	12,998	34,454	72,680	22,210	36,320	63.53%	36,630	36,940
Business Unit: 774								
Major Tree								
Maintenance								
101.751.30.774								
Personal Services	14,738	1,596	7,180	22,500	23,920	6.31%	24,330	24,730
Supplies	-	-	-	-	-	0.00%	-	-
Other Service Charges	4,176	647	100	500	500	0.00%	500	500
Business Unit Total:								
Major Tree								
Maintenance	18,914	2,243	7,280	23,000	24,420	6.17%	24,830	25,230

**General Fund
Recreation and Culture**

City Parks

	2014 Actual Amount	2015 Actual Amount	2016 Estimated Amount	2016 Amended Budget	2017 Proposed	% Change	2018 Proposed	2019 Proposed
Business Unit: 775								
Major Tree Planting								
101.751.30.775								
Personal Services	-	-	-	-	-	0.00%	-	-
Supplies	2,940	1,559	-	3,000	3,000	0.00%	3,000	3,000
Other Service Charges	-	-	-	-	-	0.00%	-	-
Business Unit Total:								
Major Tree Planting	2,940	1,559	-	3,000	3,000	0.00%	3,000	3,000
Major Tree Storm Damage								
101.751.30.776								
Personal Services	300	624	-	-	-	0.00%	-	-
Supplies	-	-	-	-	-	0.00%	-	-
Other Service Charges	-	79	-	200	200	0.00%	200	200
Business Unit Total:								
Major Tree Storm Damage	300	703	-	200	200	0.00%	200	200

**General Fund
Recreation and Culture**

City Parks

	2014 Actual Amount	2015 Actual Amount	2016 Estimated Amount	2016 Amended Budget	2017 Proposed	% Change	2018 Proposed	2019 Proposed
Business Unit: 777								
Local Tree Maintenance								
101.751.30.777								
Personal Services	88,682	132,624	167,490	131,530	163,100	24.00%	165,790	168,550
Supplies	2,922	3,759	3,000	4,000	4,000	0.00%	4,000	4,000
Other Service Charges	364,171	426,659	436,030	471,030	476,030	1.06%	476,030	476,030
Business Unit Total:								
Local Tree Maintenance	455,776	563,043	606,520	606,560	643,130	6.03%	645,820	648,580
Business Unit: 778								
Local Tree Planting								
101.751.30.778								
Personal Services	-	-	-	-	-	0.00%	-	-
Supplies	19,132	15,066	113,000	92,810	94,010	1.29%	95,110	95,110
Other Service Charges	-	-	-	300	300	0.00%	300	300
Business Unit Total:								
Local Tree Planting	19,132	15,066	113,000	93,110	94,310	1.29%	95,410	95,410

**General Fund
Recreation and Culture**

City Parks

	2014 Actual Amount	2015 Actual Amount	2016 Estimated Amount	2016 Amended Budget	2017 Proposed	% Change	2018 Proposed	2019 Proposed
Local Tree Storm Damage								
101.751.30.779								
Personal Services	38,419	19,499	21,050	43,600	48,770	11.86%	49,570	50,430
Supplies	-	-	-	-	-	0.00%	-	-
Other Service Charges	15,950	13,279	5,000	18,000	5,000	-72.22%	5,000	5,000
Business Unit Total: Local Tree Storm Damage	54,368	32,778	26,050	61,600	53,770	-12.71%	54,570	55,430
Business Unit: 780 Street Island Maint.- Major								
101.751.30.780								
Personal Services	2,616	0	1,380	3,970	3,980	0.25%	4,040	4,120
Supplies	634	-	800	1,000	1,000	0.00%	1,000	1,000
Other Service Charges	86,797	87,185	97,040	96,440	92,940	-3.63%	93,940	94,940
Business Unit Total: Street Island Maint.- Major	90,046	87,186	99,220	101,410	97,920	-3.44%	98,980	100,060

**General Fund
Recreation and Culture**

City Parks

	2014 Actual Amount	2015 Actual Amount	2016 Estimated Amount	2016 Amended Budget	2017 Proposed	% Change	2018 Proposed	2019 Proposed
Business Unit: 781 Street Island Maint.- Local								
101.751.30.781								
Personal Services	286	4,790	-	-	-	0.00%	-	-
Supplies	68	1,973	-	-	-	0.00%	-	-
Other Service Charges	92	2,059	-	270	270	0.00%	270	270
Business Unit Total: Street Island Maint.- Local	446	8,822	-	270	270	0.00%	270	270
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

	2014 Actual Amount	2015 Actual Amount	2016 Estimated Amount	2016 Amended Budget	2017 Proposed	% Change	2018 Proposed	2019 Proposed
Business Unit: 783 Street Island Maint.- DDA								
101.751.30.783								
Personal Services	42,274	11,310	12,300	27,380	40,150	46.64%	40,770	41,390
Supplies	2,281	980	3,800	4,000	4,000	0.00%	4,000	4,000
Other Service Charges	101,888	129,789	153,400	148,000	133,400	-9.86%	136,400	140,400
Business Unit Total: Street Island Maint.- DDA	146,443	142,079	169,500	179,380	177,550	-1.02%	181,170	185,790
Division Total: Parks	2,209,632	2,372,723	2,646,550	2,756,310	2,894,340	5.01%	2,909,060	2,933,800
Department Total: City Parks	\$ 2,209,632	\$ 2,372,723	\$ 2,646,550	\$ 2,756,310	\$ 2,894,340	5.01%	\$ 2,909,060	\$ 2,933,800

RECREATION

Recreation Director | Elaine S. Bo

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

DEPARTMENT FUNCTION

Adaptive Recreation

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

Athletics

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

Application and Review Process

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

Application and Review Process (cont.)

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

Camps

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

Community Centers

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

RECREATION (CONT.)

Recreation Director | Elaine S. Bo

Enrichment Programs

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

Senior Citizens Programs

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

Recreation
PERFORMANCE INDICATORS

Performance Indicator	2013/14 Actual	2014/15 Actual	2015/16 Projected	2016/17 Budget
Number Community Center pass holders	7,082	7,120	7,138	7,249
Number of Room Rentals	2,047	2,100	2,189	2,300
Number of Recreation Program Room Reservations	7,224	7,648	7,775	8,015
Number of Recreation Program Registrations	17,269	17,403	17,501	17,625
Park Shelter Reservations	510	534	540	530
Fitness Area Visits	275,754	340,000	345,230	347,312
Senior Program Attendance (not including Friends of Troy Seniors)	109,331	113,884	116,110	120,010
Swim Lessons - Indoor	3,025	3,120	3,009	3,080
Total Pool Attendance - Indoor	131,263	131,410	131,643	134,711
Aqua Swim Camp Registrations	91	85	62	50
Community Center Visits	980,000	NA	NA	NA
Camp Enrollments	2,421	1,806	1,850	1,870

Notes on Performance Indicators

- Elimination of recreation, senior programs and special events contributes to fewer registrations in 2012 forward
- Addition of all inclusive pass reduces some registrations

Recreation

Summary of Budget Changes

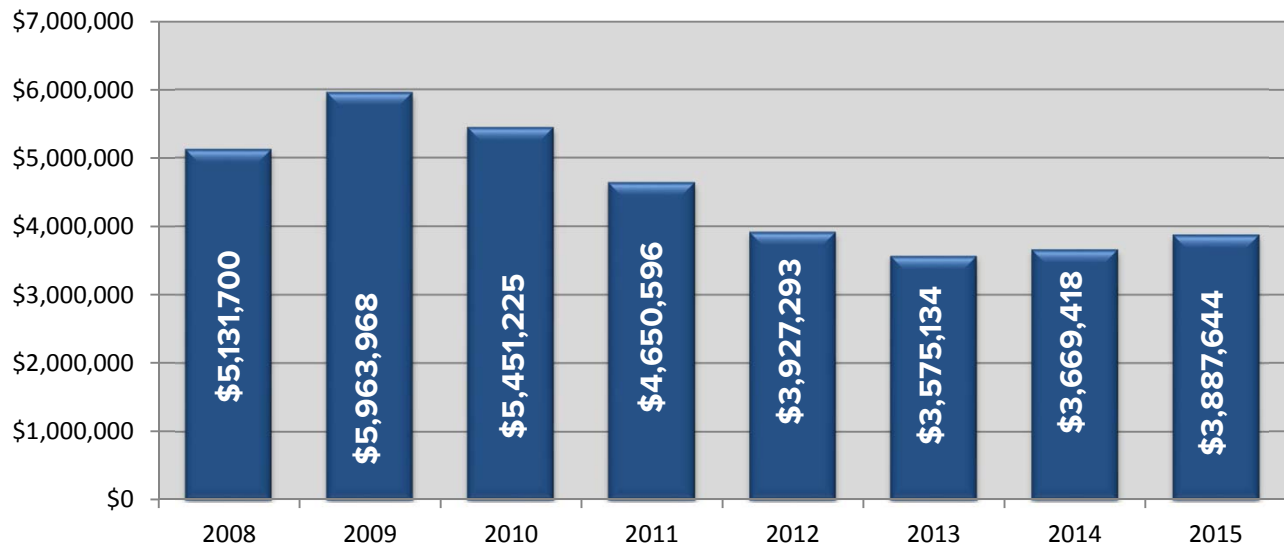
- *Significant Notes - 2016/17 Budget Compared to 2015/16 Budget*

Recreation

- Increase in revenues offset expense increase.
- Programs and community operating goal is cost neutral

Personnel Summary	2014 Budget		2015 Budget		2016 Budget		2017 Budget	
	Full Time	Part Time	Full Time	Part Time	Full Time	Part Time	Full Time	Part Time
Recreation Department	6.0	39.9	6.0	38.4	6.0	40.4	6.5	41.4
Total Department	6.0	39.9	6.0	38.4	6.0	40.4	6.5	41.4

- *Operating Budget History - Recreation*



**General Fund
Recreation and Culture**

Recreation

	2014 Actual Amount	2015 Actual Amount	2016 Estimated Amount	2016 Amended Budget	2017 Proposed	% Change	2018 Proposed	2019 Proposed
FUND								
Expenditures								
Recreation								
Business Unit: 00								
Recreation								
Administration								
101.752.00.752								
Personal Services	\$ 245,638	\$ 327,238	\$ 405,970	\$ 359,630	\$ 388,860	8.13%	\$ 395,320	\$ 401,930
Supplies	39,817	45,470	45,000	40,000	45,000	12.50%	45,000	40,000
Other Service Charges	339,892	366,522	387,260	380,550	400,160	5.15%	404,260	407,400
Business Unit Total:								
Recreation								
Administration	625,348	739,230	838,230	780,180	834,020	6.90%	844,580	849,330
Business Unit: 753								
Recreation								
101.752.31.753								
Personal Services	446,225	456,633	467,850	434,800	457,880	5.31%	465,120	472,620
Supplies	57,957	70,157	70,000	63,000	71,000	12.70%	72,000	70,000
Other Service Charges	334,706	290,049	322,050	342,650	327,050	-4.55%	335,250	341,250
Business Unit Total:								
Recreation	838,888	816,839	859,900	840,450	855,930	1.84%	872,370	883,870

**General Fund
Recreation and Culture**

Recreation

	2014 Actual Amount	2015 Actual Amount	2016 Estimated Amount	2016 Amended Budget	2017 Proposed	% Change	2018 Proposed	2019 Proposed
Business Unit: 754 Senior Programs 101.752.31.754								
Personal Services	52,931	60,367	64,640	70,000	69,830	-0.24%	70,850	71,930
Supplies	12,157	15,608	15,700	15,700	16,700	6.37%	17,200	15,700
Other Service Charges	101,949	137,490	137,100	123,760	152,510	23.23%	155,660	156,810
Business Unit Total: Senior Programs	167,037	213,466	217,440	209,460	239,040	14.12%	243,710	244,440
Business Unit: 755 Community Center 101.752.31.755								
Personal Services	763,027	795,931	827,380	830,680	852,830	2.67%	865,770	879,130
Supplies	212,638	286,818	268,100	268,100	269,100	0.37%	272,100	273,100
Other Service Charges	1,062,480	1,035,361	1,113,360	1,154,120	1,148,190	-0.51%	1,166,610	1,192,010
Business Unit Total: Community Center	2,038,145	2,118,110	2,208,840	2,252,900	2,270,120	0.76%	2,304,480	2,344,240
Department Total: Recreation Department	\$ 3,669,418	\$ 3,887,644	\$ 4,124,410	\$ 4,082,990	\$ 4,199,110	2.84%	\$ 4,265,140	\$ 4,321,880

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.

The City of Troy has an operating agreement with the Troy Nature Society, a nonprofit organization. The society oversees the programs and activities of the Stage Nature Center, a 100-acre preserve dedicated to nature, science and environmental education. The mission of the Troy Nature Society is 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:

- » Engages individuals in a broad selection of age-appropriate programs and activities designed to increase knowledge of nature, science and the environment.
- » Supports Michigan Board of Education Science Standards with a variety of educational school programs that meet students' academic needs and provide students with hands-on experience in nature designed to enhance school curriculum.
- » Provides organized troops and groups with programs that meet requirements for members to complete their nature-related badge or achievement.
- » Promotes innovative programs developed from current research, national trends and community needs that support the nurturing of our natural environment.
- » Fosters a culture of good stewardship of the environment by acting as a community resource for nature-related inquiries and issues.

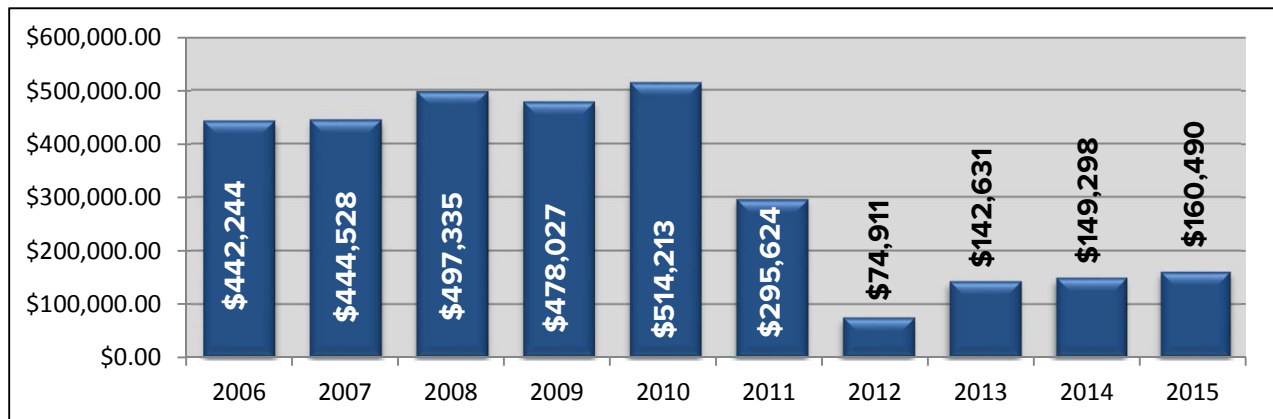
Historic Village and Nature Center

SUMMARY OF BUDGET CHANGES_HISTORIC VILLAGE/NATURE CENTER

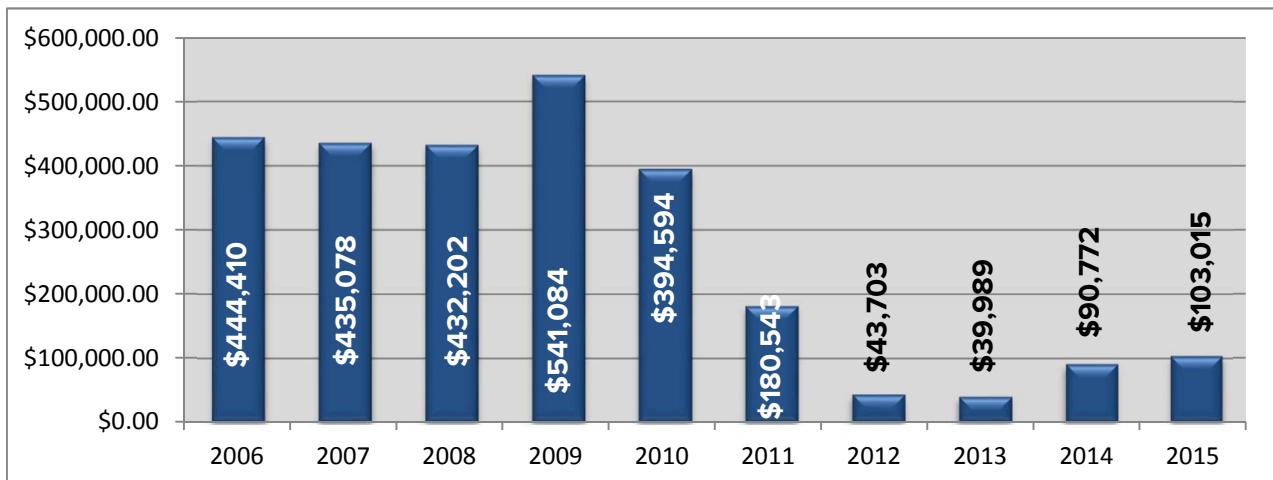
- Significant Notes - 2015/16 Budget Compared to 2014/15 Budget*

Personnel Summary	2013/14 Actual		2014/15 Actual		2015/16 Projected		2016/17 Budget	
	Full Time	Part Time	Full Time	Part Time	Full Time	Part Time	Full Time	Part Time
Historic Village	0.1	0	0.1	0	0.19	0.1	0.3	
Total Department	0.1	0	0.1	0	0.19	0.1	0.3	0

- Operating Budget History For Historic Village*



- Operating Budget History For Nature Center*



**General Fund
Recreation and Culture**

Nature Center

	2014 Actual Amount	2015 Actual Amount	2016 Estimated Amount	2016 Amended Budget	2017 Proposed	% Change	2018 Proposed	2019 Proposed
Fund: 101 GENERAL FUND								
Expenditures								
Department: 771 Nature Center								
Business Unit: 771 Nature Center								
101.//1.00.//1								
Personal Services	\$ 8,737	\$ 2,274	\$ 2,710	\$ -	\$ -	0.00%	\$ 40	\$ 40
Supplies	3,272	1,180	2,740	2,740	2,800	2.19%	2,800	2,800
Other Service Charges	78,763	99,560	116,760	116,800	117,630	0.71%	118,480	119,310
Business Unit Total: Nature Center	90,772	103,015	122,210	119,540	120,430	0.74%	121,320	122,150
Department Total: Nature Center	\$ 90,772	\$ 103,015	\$ 122,210	\$ 119,540	\$ 120,430	0.74%	\$ 121,320	\$ 122,150

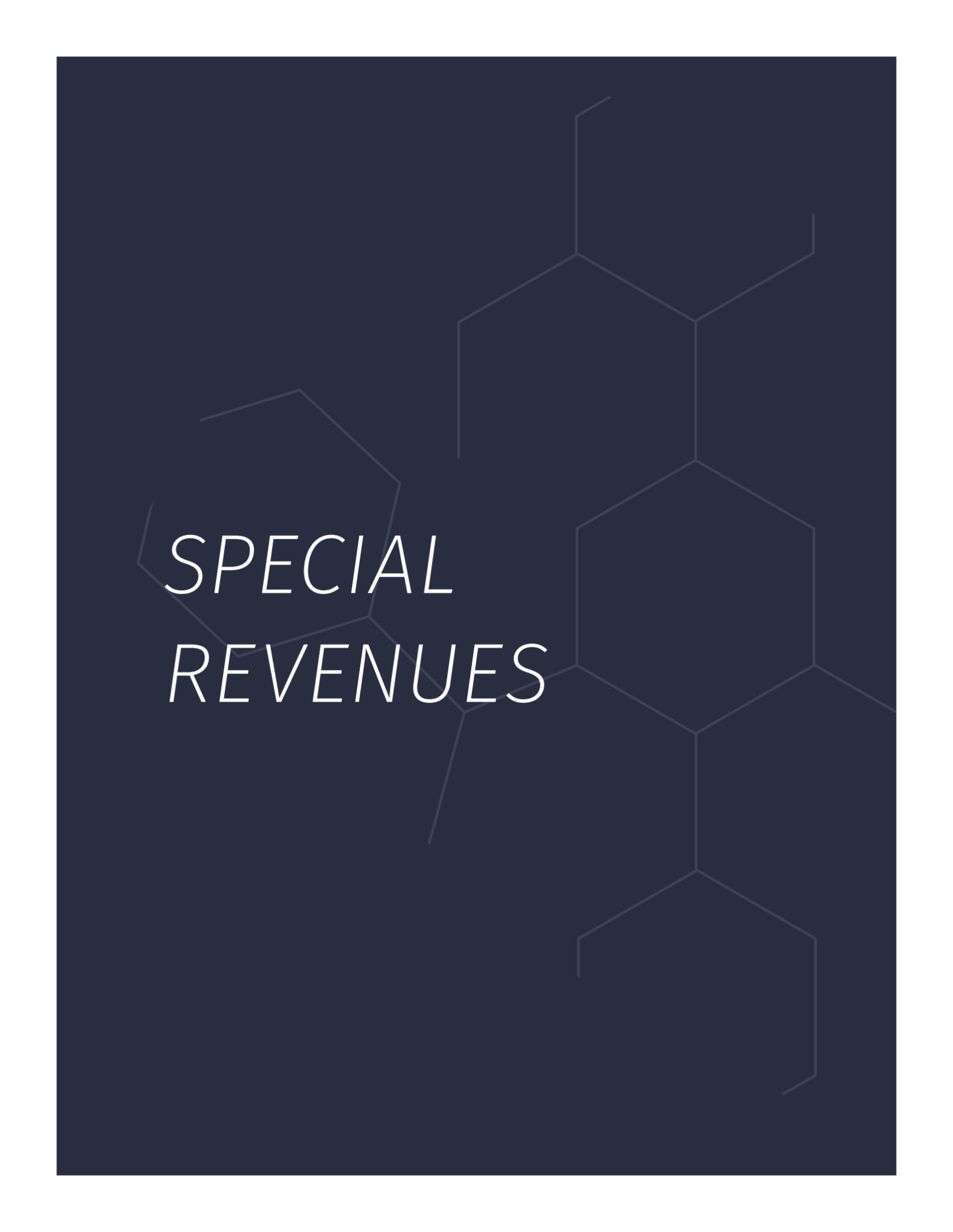
**General Fund
Recreation and Culture**

Historic Village

	2014 Actual Amount	2015 Actual Amount	2016 Estimated Amount	2016 Amended Budget	2017 Proposed	% Change	2018 Proposed	2019 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	75,000	75,000	75,000	100,000	33.33%	100,000	100,000
Business Unit Total: Operations	75,000	75,000	75,000	75,000	100,000	33.33%	100,000	100,000
Business Unit: 804 Village Buildings								
101.804.00.804								
Personal Services	6,179	2,878	-	-	-	0.00%	-	-
Supplies	5,462	18,155	6,110	6,110	6,200	1.47%	7,000	7,100
Other Service Charges	43,217	46,439	56,350	58,330	64,810	11.11%	66,090	67,400
Business Unit Total: Village Buildings	54,857	67,472	62,460	64,440	71,010	10.20%	73,090	74,500
Business Unit: 804 Village Grounds								
101.804.00.807								
Personal Services	5,051	6,173	18,570	24,670	37,950	53.83%	38,600	39,280
Supplies	306	-	500	-	-	0.00%	-	-
Other Service Charges	14,084	11,845	13,600	15,600	14,740	-5.51%	14,740	14,740
Business Unit Total: Village Grounds	19,441	18,018	32,670	40,270	52,690	30.84%	53,340	54,020
Department Total: Historic Village	\$ 149,298	\$ 160,490	\$ 170,130	\$ 179,710	\$ 223,700	24.48%	\$ 226,430	\$ 228,520



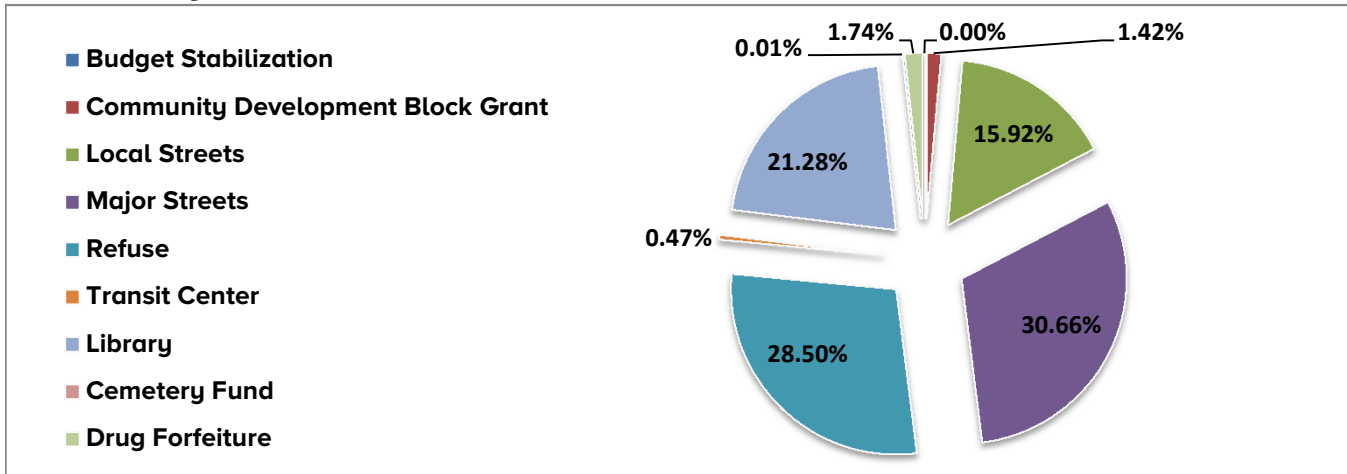
WE WANT EVERYONE
TO CHOOSE TROY



*SPECIAL
REVENUES*

Special Revenue Funds Summary

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



• *Budget Stabilization Fund*

\$0

• *CDBG Grant*

\$247,500

This fund was created for the following purposes:

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

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

• *Local Streets Fund*

\$2,781,840

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

• *Major Streets Fund*

\$5,357,240

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*

\$4,979,650

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

Special Revenue Funds**· *Library Fund* *\$3,718,910***

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* *\$304,500*

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

· *Transit Center Fund* *82,480*

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

· *Cemetery Fund* *2,100*

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

	2014 Actual Amount	2015 Actual Amount	2016 Estimated Amount	2016 Amended Budget	2017 Proposed	% Change	2018 Proposed	2019 Proposed
Streets								
<u>REVENUES</u>								
202.000.00.000								
State Grant Revenues	\$ 3,963,956	\$ 4,278,154	\$ 4,299,940	\$ 3,798,400	\$ 4,872,980	28.29%	\$ 5,198,380	\$ 5,545,510
Interest and rents	18,804	5,907	25,000	18,000	25,000	38.89%	25,000	25,000
Total Revenues	3,982,760	4,284,062	4,324,940	3,816,400	4,897,980	28.34%	5,223,380	5,570,510
<u>EXPENDITURES</u>								
202.966.00.966								
Other Financing Uses								
Transfers Out for Services and Capital	4,046,600	4,366,155	4,378,250	4,514,670	5,357,240	18.66%	5,649,240	5,971,040
Surplus/(Use) of Fund Balance	(63,840)	(82,093)	(53,310)	(698,270)	(459,260)	-34.23%	(425,860)	(400,530)
Beginning Fund Balance	3,491,883	3,428,043	3,345,949	3,345,949	3,292,639	-1.59%	2,833,379	2,407,519
Ending Fund Balance	\$ 3,428,043	\$ 3,345,949	\$ 3,292,639	\$ 2,647,679	\$ 2,833,379	7.01%	\$ 2,407,519	\$ 2,006,989

**Special Revenue Funds
Public Works**

Local Streets

	2014 Actual Amount	2015 Actual Amount	2016 Estimated Amount	2016 Amended Budget	2017 Proposed	% Change	2018 Proposed	2019 Proposed
Fund: 203 Local Streets								
<u>REVENUES</u>								
203.000.00.000								
State Grant Revenues	\$ 1,555,266	\$ 1,499,530	\$ 1,515,420	\$ 1,495,220	\$ 1,918,900	28.34%	\$ 2,047,000	\$ 2,183,600
Interest and rents	15,744	6,597	24,700	16,000	24,700	54.38%	24,700	24,700
Total Revenues	1,571,010	1,506,127	1,540,120	1,511,220	1,943,600	28.61%	2,071,700	2,208,300
Other Financing Sources								
Transfers In from Major Streets	97,196	500,000	500,000	500,000	500,000	0.00%	500,000	1,200,000
Total Revenues and Other Sources	1,668,206	2,006,127	2,040,120	2,011,220	2,443,600	21.50%	2,571,700	3,408,300
<u>EXPENDITURES</u>								
203.966.00.966								
Other Financing Uses								
Transfers Out for Services and Capital	1,761,276	1,702,573	2,758,000	3,228,210	2,781,840	-13.83%	2,870,890	3,708,900
Surplus/(Use) of Fund Balance	(93,070)	303,554	(717,880)	(1,216,990)	(338,240)	-72.21%	(299,190)	(300,600)
Beginning Fund Balance	2,981,967	2,888,897	3,192,451	3,192,451	2,474,571	-22.49%	2,136,331	1,837,141
Ending Fund Balance	\$ 2,888,897	\$ 3,192,451	\$ 2,474,571	\$ 1,975,461	\$ 2,136,331	8.14%	\$ 1,837,141	\$ 1,536,541

REFUSE AND RECYCLING

Public Works Director | Kurt Bovensiep

Office Coordinator | Emily Frontera

The Refuse and Recycling Division provides prompt, reliable, and efficient refuse collection by a private contractor once per week servicing 26,918 single-family homes; condominiums; mobile homes; duplexes; and 115 small commercial businesses. Refuse from 4,118 apartments is also collected on a weekly basis

DEPARTMENT FUNCTION

Administrative and Support Services

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

Refuse and Recycling

PERFORMANCE INDICATORS

Performance Indicator	2013/14 Actual	2014/15 Actual	2015/16 Projected	2016/17 Budget
Total Refuse Collected in Tons	27,210	28,461	27,500	27,500
Refuse Collected Less Recyclables and compost in Tons	14,426	13,744	14,500	14,500
Compost Collected in Tons	9,743	9,178	9,550	9,500
Recyclables Collected in Tons	4,683	4,566	4,950	5,000
Christmas Tree Chipped and Composted in Tons	34.00	0.00	0.00	0.00
% of Total Refuse Composted	23%	22%	22%	22%
% of Total Refuse Recycled	11%	11%	11%	11%
Refuse and Recycling Collection Costs Per Capita	52.70	55.95	55.54	60.48

Notes on Performance Indicators

- Goal: To educate residents about curbside recycling, refuse and compost issues through personal contact, brochures and articles.
- Increased Per Capita cost in 2016/17 with the expectations of moving to a single stream recycling process and larger recycling containers.

Refuse and Recycling

SUMMARY OF BUDGET CHANGES

- Significant Notes - 2016/17 Budget Compared to 2014/15 Budget**

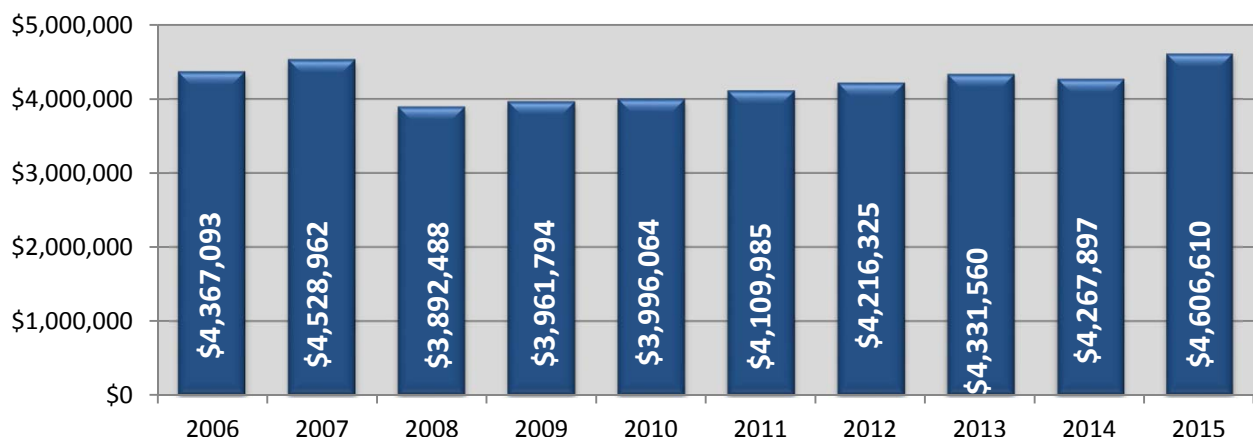
Contractor collection costs will be slightly reduced, due to a decrease in the December CPI and Fuel index. It has been recommended by SOCRRA's General Manager, Jeffrey A. McKeen P.E. that a 2% increase be applied to the 2016/17 Budget to cover rising operational costs and reduced income due to a down turn in the recycling market. He also recommends a \$1 per month per household surcharge to develop funding to purchase recycling carts for all households and the conversion of the SOCRRA Recycling Center to a single stream operation.

The contractor service charge adjustment that will go into effect on July 1, 2016 are detailed below. The adjustment effects curbside collection costs, container rentals and special services provided by the contractor. The fuel cost adjustment is based on the US Department of Energy's Midwest Diesel Fuel Index and operation adjustment is based on the Consumer Price Index of the Detroit Metropolitan area.

Contractor	% of Service Charge subject to fuel cost adjustment	% of Service Charge subject to CPI	July 2016 Service Charge adjustment
Tringali Sanitation	5%	95%	-0.60%

Personnel Summary	2014 Budget		2015 Budget		2016 Budget		2017 Budget	
	Full Time	Part Time	Full Time	Part Time	Full Time	Part Time	Full Time	Part Time
Refuse & Recycling	0.5	0.1	0.5	0	0.25	0.2	0.2	0.3
Total Department	0.5	0.1	0.5	0	0.25	0.2	0.2	0.3

- Operating Budget History**



Refuse Fund

Special Revenue Funds Sanitation

	2014 Actual Amount	2015 Actual Amount	2016 Estimated Amount	2016 Amended Budget	2017 Proposed	% Change	2018 Proposed	2019 Proposed
Fund: 226 Refuse Fund								
<u>REVENUES</u>								
Department: 000 Revenue								
Business Unit: 226 Revenues								
226.000.00.000								
Tax Revenues	\$ 4,647,626	\$ 4,595,925	\$ 4,754,370	\$ 4,741,500	\$ 4,775,540	0.72%	\$ 4,840,450	\$ 4,884,130
Federal Grants	-	139,142	-	-	-	0.00%	-	-
Charges for Services	6,358	6,590	6,500	6,500	8,000	23.08%	8,000	8,000
Interest and rents	11,629	14,940	14,000	20,000	14,000	-30.00%	14,000	14,000
Total Revenues	4,665,613	4,756,597	4,774,870	4,768,000	4,797,540	0.62%	4,862,450	4,906,130
<u>EXPENDITURES</u>								
Business Unit: 530 Refuse and Recycling								
226.530.00.530								
Personal Services	-	-	-	-	-	0.00%	-	-
Supplies	-	-	-	-	-	0.00%	-	-
Other Service Charges	4,110,328	4,437,425	4,375,000	4,402,000	4,805,000	9.15%	4,880,000	4,955,000
Business Unit Total: Refuse And Recycling	4,110,328	4,437,425	4,375,000	4,402,000	4,805,000	9.15%	4,880,000	4,955,000
Business Unit: 531 Other Refuse Expenditures								
226.530.00.531								
Personal Services	5,261	5,522	8,280	14,020	11,590	-17.33%	11,780	11,980
Supplies	-	-	-	-	-	0.00%	-	-
Other Service Charges	92,754	101,073	106,610	106,610	107,610	0.94%	108,610	108,610
Business Unit Total: Other Refuse Expenditures	98,015	106,596	114,890	120,630	119,200	-1.19%	120,390	120,590

Refuse Fund

Special Revenue Funds Sanitation

	2014 Actual Amount	2015 Actual Amount	2016 Estimated Amount	2016 Amended Budget	2017 Proposed	% Change	2018 Proposed	2019 Proposed
Business Unit: 532 Recycling								
226.530.00.532								
Personal Services	42,059	43,599	22,850	24,440	25,780	5.48%	26,210	26,640
Supplies	10,411	9,053	15,650	13,500	16,100	19.26%	16,100	16,100
Other Service Charges	7,084	9,937	12,130	12,430	13,570	9.17%	13,590	13,590
Business Unit Total: Recycling	59,554	62,590	50,630	50,370	55,450	10.09%	55,900	56,330
Total Expenditures	4,267,897	4,606,610	4,540,520	4,573,000	4,979,650	8.89%	5,056,290	5,131,920
Surplus/(Use) of Fund Balance	397,715	149,987	234,350	195,000	(182,110)	-193.39%	(193,840)	(225,790)
Beginning Fund Balance	182,869	580,584	730,571	730,571	964,921	32.08%	782,811	588,971
Ending Fund Balance	\$ 580,584	\$ 730,571	\$ 964,921	\$ 925,571	\$ 782,811	-15.42%	\$ 588,971	\$ 363,181

Transit Center

Special Revenue Funds

	2014 Actual Amount	2015 Actual Amount	2016 Estimated Amount	2016 Amended Budget	2017 Proposed	% Change	2018 Proposed	2019 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	-	61,463	80,590	71,320	82,480	15.65%	83,590	85,300
Interest and rents	21,000	6,000	-	-	-	0.00%	-	-
Total Revenues	21,000	67,463	80,590	71,320	82,480	15.65%	83,590	85,300
<u>EXPENDITURES</u>								
Business Unit: 234 Sponsored Costs								
234.234.00.234								
Personal Services	-	-	-	-	-	0.00%	-	-
Supplies	-	-	-	-	-	0.00%	-	-
Other Service Charges	-	2,503	-	-	-	0.00%	-	-
Business Unit Total: Sponsored Costs	-	2,503	-	-	-	0.00%	-	-
Business Unit: 265 Building Maintenance								
234.265.00.265								
Personal Services	-	-	-	-	-	0.00%	-	-
Supplies	-	1,753	5,050	5,650	5,740	1.59%	5,830	6,520
Other Service Charges	-	55,753	68,540	58,670	69,600	18.63%	70,480	71,350
Business Unit Total: Building Maintenance	-	57,505	73,590	64,320	75,340	17.13%	76,310	77,870

Transit Center

Special Revenue Funds

	2014 Actual Amount	2015 Actual Amount	2016 Estimated Amount	2016 Amended Budget	2017 Proposed	% Change	2018 Proposed	2019 Proposed
Business Unit: 285 Grounds Maintenance								
234.285.00.285								
Personal Services	-	-	-	-	-	0.00%	-	-
Supplies	-	350	-	-	-	0.00%	-	-
Other Service Charges	-	3,608	7,000	7,000	7,140	2.00%	7,280	7,430
Business Unit Total: Grounds Maintenance	-	3,957	7,000	7,000	7,140	2.00%	7,280	7,430
Total Expenditures	-	63,966	80,590	71,320	82,480	15.65%	83,590	85,300
Surplus/(Use) of Fund Balance	21,000	3,497	-	-	-	0.00%	-	-
Beginning Fund Balance	-	21,000	24,497	24,497	24,497	0.00%	24,497	24,497
Ending Fund Balance	\$ 21,000	\$ 24,497	\$ 24,497	\$ 24,497	\$ 24,497	0.00%	\$ 24,497	\$ 24,497

**Special Revenue Funds
General Government**

Budget Stabilization

	2014 Actual Amount	2015 Actual Amount	2016 Estimated Amount	2016 Amended Budget	2017 Proposed	% Change	2018 Proposed	2019 Proposed
Fund: 257 Budget Stabilization								
<u>REVENUES</u>								
257.000.00.000								
Interest Income	8,541	4,740	12,000	10,000	12,000	20.00%	12,000	12,000
<u>EXPENDITURES</u>								
257.966.00.966								
Other Financing Uses								
Transfers Out for Budget Stabilization	-	-	-	-	-	0.00%	-	-
Surplus/(Use) of Fund Balance	8,541	4,740	12,000	10,000	12,000	20.00%	12,000	12,000
Beginning Fund Balance	1,525,598	1,534,139	1,538,879	1,538,879	1,550,879	0.78%	1,562,879	1,574,879
Ending Fund Balance	\$ 1,534,139	\$ 1,538,879	\$ 1,550,879	\$ 1,548,879	\$ 1,562,879	0.90%	\$ 1,574,879	\$ 1,586,879

**Special Revenue Funds
Public Safety**

Drug Forfeiture

	2014 Actual Amount	2015 Actual Amount	2016 Estimated Amount	2016 Amended Budget	2017 Proposed	% Change	2018 Proposed	2019 Proposed
Fund: 265 Drug Forfeiture								
<u>REVENUES</u>								
265.000.00.000								
Fines and Forfeitures	\$ 420,486	\$ 280,508	\$ 101,000	\$ 130,000	\$ 101,000	-22.31%	\$ 101,000	\$ 101,000
Interest and rents	-	-	-	-	-	0.00%	-	-
Total Revenues	420,486	280,508	101,000	130,000	101,000	-22.31%	101,000	101,000
<u>EXPENDITURES</u>								
265.321.00.321								
Operating Supplies	76,976	87,291	102,000	102,000	102,000	0.00%	102,000	99,900
Other Financing Uses								
Transfers Out to Capital	8,000	63,786	-	50,000	202,500	305.00%	172,500	10,000
Total Expenditures and Other Uses	84,976	151,077	102,000	152,000	304,500	100.33%	274,500	109,900
Surplus/(use) or Fund Balance	335,510	129,431	(1,000)	(22,000)	(203,500)	825.00%	(173,500)	(8,900)
Beginning Fund Balance	218,524	554,034	683,465	683,465	682,465	-0.15%	478,965	305,465
Ending Fund Balance	\$ 554,034	\$ 683,465	\$ 682,465	\$ 661,465	\$ 478,965	-27.59%	\$ 305,465	\$ 296,565

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
- » 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	2013/14 Actual	2014/15 Actual	2015/16 Projected	2016/17 Budget
Annual Library Visits	476,581	452,881	455,000	455,000
Items Circulated	1,308,587	1,277,785	1,280,000	1,280,000
Program Attendance	20,428	27,204	28,000	29,000
New Library Cards Added	4,881	5,256	5,259	5,300
Total Number Library Cards	46,408	50,203	55,282	55,500
Electronic Resources Usage	51,000	96,130	98,000	100,000
Annual Visits/Capita	5.89	5.59	5.62	5.65
Annual Circulation/Capita	16	16	16	16
Hits on Library Website	449,644	628,511	374,958	40,000
Social Media Followers	2,250	2,986	3,100	3,750
Number of Library Volunteers	165	175	175	175

Notes on Performance Indicators

- Below zero temperatures & snowy conditions affected the Library's circulation and visits in the Winter of 2015. TPL was closed for 2.5 days due to weather conditions. We believe if the Library had not been adversely affected by the weather, it would have met or exceeded last year's Circulation numbers and annual visits.
- 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. Program attendance at Library events has also increased.

Library

SUMMARY OF BUDGET CHANGES

- Significant Notes - 2016/17 Budget Compared to 2015/16 Budget**

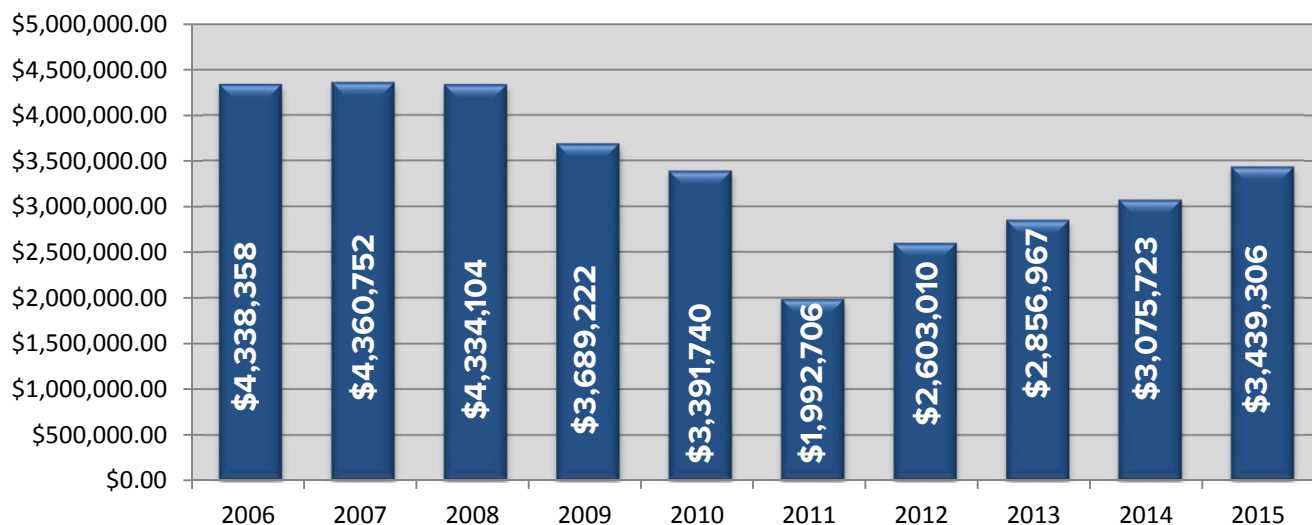
- Budgeted to complete Phase Two of recommended critical building repairs, including replacing doors and windows to prevent water intrusion and increase safety.
- Youth Services area will be painted, receive new carpeting and some new furniture.

Personal Service

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

Personnel Summary	2014 Budget		2015 Budget		2016 Budget		2017 Budget	
	Full Time	Part Time	Full Time	Part Time	Full Time	Part Time	Full Time	Part Time
Library	9	29.7	8.5	31.7	8.5	32.8	9.5	30.3
Total Department	9	29.7	8.5	31.7	8.5	32.8	9.5	30.3

- Operating Budget History**



**Special Revenue Funds
Recreation and Culture**

Library

	2014 Actual Amount	2015 Actual Amount	2016 Estimated Amount	2016 Amended Budget	2017 Proposed	% Change	2018 Proposed	2019 Proposed
Fund: 271 Library								
<u>REVENUES</u>								
Department: 000								
Revenue								
Business Unit: 721								
Planning								
271.000.00.000								
Tax Revenues	\$ 2,982,973	\$ 3,004,907	\$ 3,097,020	\$ 3,088,500	\$ 3,122,410	1.10%	\$ 3,164,880	\$ 3,193,450
State Grant Revenues	47,728	47,684	24,070	24,000	25,000	4.17%	25,000	25,000
Local Contributions	122,181	163,629	163,630	109,000	172,000	57.80%	166,000	166,000
Charges for Services	24,030	40,155	24,010	22,110	30,000	35.69%	30,000	30,000
Fines and Forfeitures	114,405	122,042	115,000	115,000	120,000	4.35%	120,000	120,000
Interest and rents	20,043	12,166	12,000	13,700	11,500	-16.06%	11,250	11,250
Other Revenues	27,637	51,313	155,000	202,000	10,000	-95.05%	10,000	10,000
Total Revenues	3,338,998	3,441,896	3,590,730	3,574,310	3,490,910	-2.33%	3,527,130	3,555,700
<u>EXPENDITURES</u>								
Business Unit: 271								
Library								
Expenditures for								
Operations								
271.790.00.790								
Personal Services	1,652,101	1,742,417	1,911,080	2,019,760	1,987,610	-1.59%	2,018,670	2,050,300
Supplies	65,656	95,480	101,500	86,380	97,500	12.87%	92,500	92,500
Other Service Charges	719,216	825,191	817,020	831,550	853,510	2.64%	856,250	859,220
Total Operating								
Expenditures	2,436,972	2,663,088	2,829,600	2,937,690	2,938,620	0.03%	2,967,420	3,002,020

**Special Revenue Funds
Recreation and Culture**

Library

	2014 Actual Amount	2015 Actual Amount	2016 Estimated Amount	2016 Amended Budget	2017 Proposed	% Change	2018 Proposed	2019 Proposed
Other Financing Uses								
271.790.00.790								
Office Equipment	-	-	-	-	-	0.00%	-	-
Library Collection and Capital Expenditures	638,751	776,218	791,900	898,900	780,290	-13.20%	580,000	580,000
Total Expenditures	3,075,723	3,439,306	3,621,500	3,836,590	3,718,910	-3.07%	3,547,420	3,582,020
Surplus/(Use) of Fund								
Balance	263,275	2,590	(30,770)	(262,280)	(228,000)	-13.07%	(20,290)	(26,320)
Beginning Fund Balance	1,191,951	1,455,226	1,457,816	1,457,816	1,427,046	-2.11%	1,199,046	1,178,756
Ending Fund Balance	\$ 1,455,226	\$ 1,457,816	\$ 1,427,046	\$ 1,195,536	\$ 1,199,046	0.29%	\$ 1,178,756	\$ 1,152,436

**Special Revenue Funds
Community Development**

Community Development Block Grant

	2014 Actual Amount	2015 Actual Amount	2016 Estimated Amount	2016 Amended Budget	2017 Proposed	% Change	2018 Proposed	2019 Proposed
Fund: 280 COMMUNITY DEVELOPMENT BLOCK GRANT								
<u>REVENUES</u>								
280.000.00.000								
Federal Grants	\$ 58,778	\$ 56,941	\$ 247,000	\$ 259,850	\$ 247,500	-4.75%	\$ 142,000	\$ 142,000
<u>EXPENDITURES</u>								
Business Unit: 733 Home Chore Program								
280.733.00.733								
Personal Services	-	-	-	-	-	0.00%	-	-
Supplies	-	-	-	-	-	0.00%	-	-
Other Service Charges	15,819	38,136	42,000	45,850	42,000	-8.40%	42,000	42,000
Business Unit Total: Home Chore Program	15,819	38,136	42,000	45,850	42,000	-8.40%	42,000	42,000
Business Unit: 734 Section 6 Charmwood								
280.734.00.734								
Personal Services	-	-	-	-	-	0.00%	-	-
Supplies	-	-	-	-	-	0.00%	-	-
Other Service Charges	-	-	-	-	-	0.00%	-	-
Business Unit Total: Section 6 Charmwood	-	-	-	-	-	0.00%	-	-

**Special Revenue Funds
Community Development**

Community Development Block Grant

	2014 Actual Amount	2015 Actual Amount	2016 Estimated Amount	2016 Amended Budget	2017 Proposed	% Change	2018 Proposed	2019 Proposed
Business Unit: 735 CDBG Administration								
280.735.00.735								
Personal Services	-	-	-	-	-	0.00%	-	-
Supplies	-	-	-	-	-	0.00%	-	-
Other Service Charges	30,245	-	-	-	-	0.00%	-	-
Business Unit Total: CDBG Administration	30,245	-	-	-	-	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

	2014 Actual Amount	2015 Actual Amount	2016 Estimated Amount	2016 Amended Budget	2017 Proposed	% Change	2018 Proposed	2019 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

	2014 Actual Amount	2015 Actual Amount	2016 Estimated Amount	2016 Amended Budget	2017 Proposed	% Change	2018 Proposed	2019 Proposed
Business Unit: 739 Architectural Barriers								
280.739.00.739								
Personal Services	-	-	-	-	-	0.00%	-	-
Supplies	-	-	-	-	-	0.00%	-	-
Other Service Charges	-	18,805	-	-	22,500	100.00%	-	-
Transfers to Capital	-	-	205,000	-	183,000	100.00%	100,000	100,000
Business Unit Total: Architectural Barriers	-	18,805	205,000	-	205,500	100.00%	100,000	100,000
Business Unit: 741 Barrier Free - Robinwood								
280.741.00.741								
Personal Services	-	-	-	-	-	0.00%	-	-
Supplies	-	-	-	-	-	0.00%	-	-
Other Service Charges	-	-	-	-	-	0.00%	-	-
Business Unit Total: Barrier Free - Robinwood	-	-	-	-	-	0.00%	-	-

**Special Revenue Funds
Community Development**

Community Development Block Grant

	2014 Actual Amount	2015 Actual Amount	2016 Estimated Amount	2016 Amended Budget	2017 Proposed	% Change	2018 Proposed	2019 Proposed
Business Unit: 743 Section 36 Storm Sewer 280.743.00.743								
Personal Services	-	-	-	-	-	0.00%	-	-
Supplies	-	-	-	-	-	0.00%	-	-
Other Service Charges	12,713	-	-	-	-	0.00%	-	-
Business Unit Total: Section 36 Storm Sewer	12,713	-	-	-	-	0.00%	-	-
Business Unit: 741 Other Financing Uses 280.741.00.741								
Other Service Charges	-	-	-	214,000	-	-100.00%	-	-
Business Unit Total: 741 Other Financing Uses	-	-	-	214,000	-	-100.00%	-	-
Total Expenditures	58,778	56,941	247,000	259,850	247,500	-4.75%	142,000	142,000
Surplus/(Use) of Fund Balance	-	-	-	-	-	0.00%	-	-
Beginning Fund Balance	-	-	-	-	-		-	-
Ending Fund Balance	\$ -	\$ -	\$ -	\$ -	\$ -	0.00%	\$ -	\$ -

Cemetery Fund

Special Revenue Funds
General Government

	2014 Actual Amount	2015 Actual Amount	2016 Estimated Amount	2016 Amended Budget	2017 Proposed	% Change	2018 Proposed	2019 Proposed
Fund: 150 Cemetery Fund								
<u>REVENUES</u>								
Department: 000 Revenue								
Business Unit: 234 Transit Center								
150.000.00.000								
Charges for Services	800	2,450	3,100	1,000	1,000	0.00%	1,000	1,000
Interest and rents	1,170	515	1,100	1,100	1,100	0.00%	1,100	1,100
Total Revenues	1,970	2,965	4,200	2,100	2,100	0.00%	2,100	2,100
<u>EXPENDITURES</u>								
Business Unit: 150 Cemetery Costs								
150.276.00.276								
Reimburse General Fund	21,362	1,565	2,100	2,100	2,100	0.00%	2,100	2,100
Surplus/(Use) of Fund Balance	(19,392)	1,400	2,100	-	-	0.00%	-	-
Beginning Fund Balance	227,661	208,269	209,669	209,669	211,769	1.00%	211,769	211,769
Ending Fund Balance	\$ 208,269	\$ 209,669	\$ 211,769	\$ 209,669	\$ 211,769	1.00%	\$ 211,769	\$ 211,769



DEBT SERVICE

Legal Debt Limits

Legal Debt Limits

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

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

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

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

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

The statutory debt limits of net bonded indebtedness incurred for all public purposes shall not at any one time exceed 10% of the assessed valuation of taxable property in the City \$4,531,853,823 except that this limit may be exceeded by 3/8ths of 1% in case of fire, flood or any other calamity. This limitation does not include bonds issued in anticipation of the payment of special assessments, nor bonds issued pursuant to court order for sewerage or garbage disposal systems.

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

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

	Annual Net Debt	% of State Equalization Value	Legal Maximum Debt	Legal Debt Margin
General Obligation Debt	\$ 38,773,892	10%	\$ 453,185,382	\$ 414,411,490
Emergency Bonds	-	3/8%	16,994,452	16,994,452
Special Assessment Bonds	-	12%	543,822,459	543,822,459
Total Debt	\$ 38,773,892		\$ 1,014,002,293	\$ 975,228,401

Debt Summary

DEBT SERVICE

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

Description of Debt	Debt Outstanding 6/30/2016	2017 Principal and Interest		
		Principal	Interest	Total
Proposal A - Streets	\$ 4,110,000	\$ 745,000	\$ 157,350	\$ 902,350
Proposal B - Public Safety	5,670,000	1,150,000	205,300	1,355,300
Proposal C - Recreation	3,110,000	595,000	122,075	717,075
Series 2013 - DDA	14,425,000	260,000	681,663	941,663
North Arm Relief Drain	267,682	51,434	5,444	56,878
George W. Kuhn Drain	1,536,210	177,354	41,172	218,526
Total Debt Service	\$ 29,118,892	\$ 2,978,788	\$ 1,213,004	\$ 4,191,792

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

General Debt Tax Debt Service	2012/13 Actual	2013/14 Actual	2014/15 Actual	2015/16 Estimated	2016/17 Budget
Proposal A - Streets	\$ 885,863	\$ 881,018	\$ 950,275	\$ 914,600	\$ 903,150
Proposal B - Public Safety	1,417,100	1,375,225	1,334,225	1,391,300	1,355,600
Proposal C - Rec. Facilities	745,600	745,900	753,050	722,600	717,100
Total General Debt	\$ 3,048,563	\$ 3,002,143	\$ 3,037,550	\$ 3,028,500	\$ 2,975,850

DDA Capture Debt Service	2012/13 Actual	2013/14 Actual	2014/15 Actual	2015/16 Estimated	2016/17 Budget
2013 Series - DDA	-	-	958,688	951,000	941,900

Capital Projects Debt Service	2012/13 Actual	2013/14 Actual	2014/15 Actual	2015/16 Estimated	2016/17 Budget
North Arm Relief	\$ 57,016	\$ 56,970	\$ 57,136	\$ 56,680	\$ 56,880
George W. Kuhn	219,295	218,880	218,587	218,500	218,540
MTF Rochester Road	251,013	264,050	-	-	-
Total Capital Projects Debt	\$ 527,324	\$ 539,900	\$ 275,723	\$ 275,180	\$ 275,420

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
2017	745,000	1,150,000	595,000	484,725	2,974,725	260,000	681,663	941,663	3,916,388
2018	760,000	1,060,000	595,000	387,050	2,802,050	260,000	671,263	931,263	3,733,313
2019	825,000	1,155,000	615,000	280,825	2,875,825	260,000	663,463	923,463	3,799,288
2020	840,000	1,150,000	640,000	164,025	2,794,025	260,000	654,363	914,363	3,708,388
2021	940,000	1,155,000	665,000	52,579	2,812,579	375,000	638,488	1,013,488	3,826,067
2022	-	-	-	-	-	440,000	618,113	1,058,113	1,058,113
2023	-	-	-	-	-	500,000	594,613	1,094,613	1,094,613
2024	-	-	-	-	-	600,000	567,113	1,167,113	1,167,113
2025	-	-	-	-	-	745,000	537,213	1,282,213	1,282,213
2026	-	-	-	-	-	900,000	499,813	1,399,813	1,399,813
2027	-	-	-	-	-	975,000	452,938	1,427,938	1,427,938
2028	-	-	-	-	-	1,250,000	403,563	1,653,563	1,653,563
2029	-	-	-	-	-	1,250,000	352,781	1,602,781	1,602,781
2030	-	-	-	-	-	1,250,000	294,188	1,544,188	1,544,188
3031	-	-	-	-	-	1,275,000	227,906	1,502,906	1,502,906
3032	-	-	-	-	-	1,275,000	160,969	1,435,969	1,435,969
3033	-	-	-	-	-	1,275,000	94,031	1,369,031	1,369,031
3034	-	-	-	-	-	1,275,000	30,274	1,305,274	1,305,274
Total	\$ 4,110,000	\$ 5,670,000	\$ 3,110,000	\$ 1,369,204	\$ 14,259,204	\$ 14,425,000	\$ 8,142,755	\$ 22,567,755	\$ 36,826,959

Schedule of Principle and Interest General Debt Fund

CAPITAL PROJECTS FUNDS

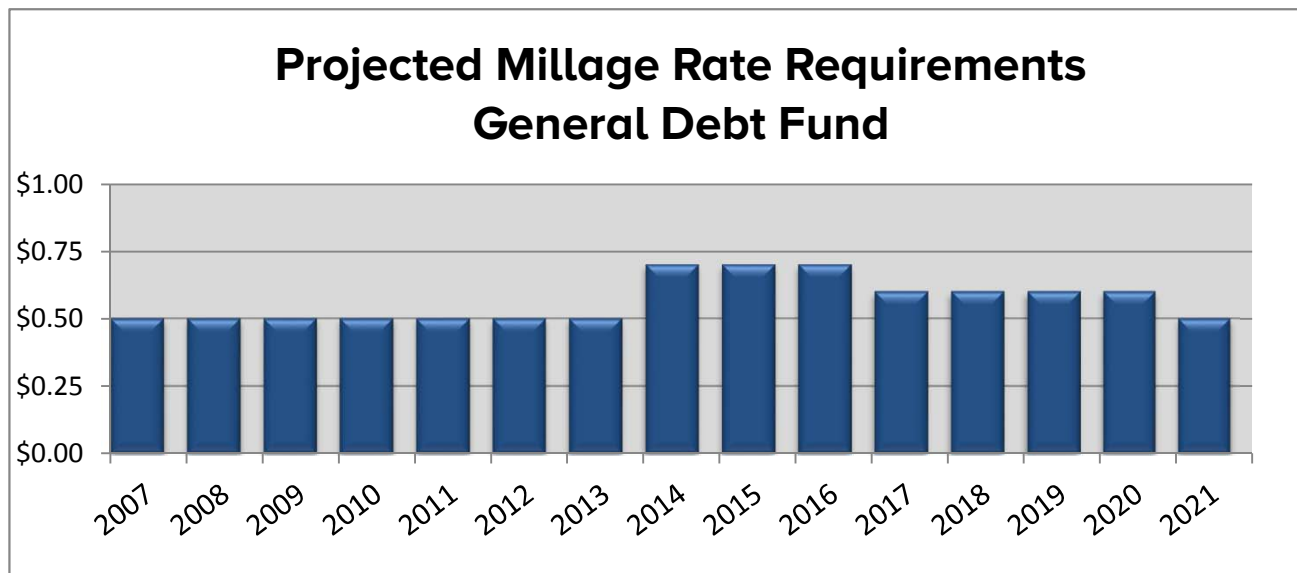
Fiscal Year	George W. Kuhn Drain	North Arm Relief Drain	Interest	Total Capital Debt
2017	177,354	51,434	46,616	275,404
2018	181,833	52,436	40,616	274,885
2019	186,187	53,772	34,459	274,418
2020	191,051	55,108	28,160	274,319
2021	196,045	54,932	21,675	272,652
2022	201,424	-	15,665	217,089
2023	164,082	-	10,127	174,209
2024	166,837	-	5,752	172,589
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	\$ 1,536,210	\$ 267,682	\$ 206,190	\$ 2,010,082

ENTERPRISE FUNDS

Fiscal Year	Sanctuary Lake Golf Course	Interest	Total Enterprise Debt
2017	635,000	220,025	855,025
2018	630,000	201,050	831,050
2019	725,000	184,350	909,350
2020	715,000	169,950	884,950
2021	700,000	155,800	855,800
2022	685,000	140,238	825,238
2023	770,000	122,050	892,050
2024	755,000	102,988	857,988
2025	840,000	83,050	923,050
2026	820,000	62,300	882,300
2027	850,000	39,300	889,300
2028	885,000	13,275	898,275
Total	\$ 9,010,000	\$ 1,494,376	\$ 10,504,376

Schedule of Principal and Interest All Funds

Fiscal Year	General Debt Service Fund	Capital Projects Fund	Enterprise Funds	Total
2017	3,916,388	275,404	855,025	5,046,817
2018	3,733,313	274,885	831,050	4,839,248
2019	3,799,288	274,418	909,350	4,983,056
2020	3,708,388	274,319	884,950	4,867,657
2021	3,826,067	272,652	855,800	4,954,519
2022	1,058,113	217,089	825,238	2,100,440
2023	1,094,613	174,209	892,050	2,160,872
2024	1,167,113	172,589	857,988	2,197,690
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	\$ 36,826,959	\$ 2,010,082	\$ 10,504,376	\$ 49,341,417



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

Debt Service Funds
Debt Service

Debt Service

	2014 Actual Amount	2015 Actual Amount	2016 Estimated Amount	2016 Amended Budget	2017 Proposed	% Change	2018 Proposed	2019 Proposed
FUND 301 GENERAL DEBT								
REVENUES								
4402 Property Taxes	\$ 2,990,552	\$ 3,011,993	\$ 3,115,940	\$ 3,107,500	\$ 2,685,300	-13.59%	\$ 2,721,000	\$ 2,745,630
4574.050 EMPP/PPEL	-	-	-	-	33,190	100.00%	33,190	33,190
4669.020 Interest Income	9,029	6,079	12,000	12,000	11,000	-8.33%	10,000	10,000
Total Revenues	2,999,582	3,018,072	3,127,940	3,119,500	2,729,490	-12.50%	2,764,190	2,788,820
EXPENDITURES								
7801.010 Administrative Fees	46,000	59,900	60,500	60,500	60,500	0.00%	61,500	61,500
7964 Tax Refunds	16,621	5,036	8,000	8,000	8,000	0.00%	8,000	8,000
7998 Other Fees	-	1,000	-	-	-	0.00%	-	-
Total Expenditures	62,621	65,936	68,500	68,500	68,500	0.00%	69,500	69,500
OTHER FINANCING USES								
8999.355 Transfer Out to Prop A	881,019	950,275	914,600	914,600	903,150	-1.25%	890,350	921,180
8999.356 Transfer Out to Prop B	1,375,225	1,334,225	1,391,300	1,391,300	1,355,600	-2.57%	1,216,600	1,266,800
8999.357 Transfer Out to Prop C	745,900	753,050	722,600	722,600	717,100	-0.76%	696,300	689,000
Total Other Financing Uses	3,002,144	3,037,550	3,028,500	3,028,500	2,975,850	-1.74%	2,803,250	2,876,980

Debt Service Funds
Debt Service

Debt Service

	2014 Actual Amount	2015 Actual Amount	2016 Estimated Amount	2016 Amended Budget	2017 Proposed	% Change	2018 Proposed	2019 Proposed
Total Expenditures and Other Financing Uses	3,064,764	3,103,486	3,097,000	3,097,000	3,044,350	-1.70%	2,872,750	2,946,480
Surplus/(Use) of Fund Balance	(65,183)	(85,414)	30,940	22,500	(314,860)	-1499.38%	(108,560)	(157,660)
Beginning Fund Balance	1,459,237	1,394,054	1,308,640	1,308,640	1,339,580	2.36%	1,024,720	916,160
Ending Fund Balance	\$ 1,394,054	\$ 1,308,640	\$ 1,339,580	\$ 1,331,140	\$ 1,024,720	-23.02%	\$ 916,160	\$ 758,500
FUND 354 2000 MTF BOND								
OTHER FINANCING SOURCES								
4699.248 Transfer from DDA	\$ -	\$ -	\$ -	\$ -	\$ -	0.00%	\$ -	\$ -
4699.401 Transfer from Capital	264,025	-	-	-	-	0.00%	-	-
Total Revenues and Other Sources	264,025	-	-	-	-	0.00%	-	-
EXPENDITURES								
7991 Principal	250,000	-	-	-	-	0.00%	-	-
7995 Interest	13,750	-	-	-	-	0.00%	-	-
7998 Other Fees	275	-	-	-	-	0.00%	-	-
Total Expenditures	264,025	-	-	-	-	0.00%	-	-
Surplus/(Use) of Fund Balance	-	-	-	-	-	0.00%	-	-
Beginning Fund Balance	-	-	-	-	-	0.00%	-	-
Ending Fund Balance	\$ -	\$ -	\$ -	\$ -	\$ -	0.00%	\$ -	\$ -

**Debt Service Funds
Debt Service**

Debt Service

	2014 Actual Amount	2015 Actual Amount	2016 Estimated Amount	2016 Amended Budget	2017 Proposed	% Change	2018 Proposed	2019 Proposed
FUND 355 PROPOSAL A BOND DEBT								
OTHER FINANCING SOURCES								
4699.301 Transfer In - Gen. Debt Service	\$ 881,019	\$ 950,275	\$ 914,600	\$ 914,600	\$ 903,150	-1.25%	\$ 890,350	\$ 921,180
EXPENDITURES								
7991 Principal	645,000	740,000	730,000	730,000	745,000	2.05%	760,000	825,000
7995 Interest	235,269	209,525	183,810	183,812	157,350	-14.40%	129,550	95,375
7998 Other Fees	750	750	790	788	800	1.52%	800	805
Total Expenditures	881,019	950,275	914,600	914,600	903,150	-1.25%	890,350	921,180
Surplus/(Use) of Fund Balance	-	-	-	-	-	0.00%	-	-
Beginning Fund Balance	-	-	-	-	-	0.00%	-	-
Ending Fund Balance	\$ -	\$ -	\$ -	\$ -	\$ -	0.00%	\$ -	\$ -

Debt Service Funds
Debt Service

Debt Service

	2014 Actual Amount	2015 Actual Amount	2016 Estimated Amount	2016 Amended Budget	2017 Proposed	% Change	2018 Proposed	2019 Proposed
FUND 356 PROPOSAL B								
BOND DEBT								
OTHER FINANCING SOURCES								
4699.301 Transfer In - Gen. Debt Service	\$ 1,375,225	\$ 1,334,225	\$ 1,391,300	\$ 1,391,300	\$ 1,355,600	-2.57%	\$ 1,216,600	\$ 1,266,800
EXPENDITURES								
7991 Principal	1,025,000	1,025,000	1,130,000	1,130,000	1,150,000	1.77%	1,060,000	1,155,000
7995 Interest	349,975	308,975	261,000	261,000	205,300	-21.34%	156,250	111,475
7998 Other Fees	250	250	300	300	300	0.00%	350	325
Total Expenditures	1,375,225	1,334,225	1,391,300	1,391,300	1,355,600	-2.57%	1,216,600	1,266,800
Surplus/(Use) of Fund								
Balance	-	-	-	-	-	0.00%	-	-
Beginning Fund Balance	-	-	-	-	-	0.00%	-	-
Ending Fund Balance	\$ -	\$ -	\$ -	\$ -	\$ -	0.00%	\$ -	\$ -

**Debt Service Funds
Debt Service**

Debt Service

	2014 Actual Amount	2015 Actual Amount	2016 Estimated Amount	2016 Amended Budget	2017 Proposed	% Change	2018 Proposed	2019 Proposed
FUND 357 PROPOSAL C BOND DEBT								
<u>OTHER FINANCING SOURCES</u>								
4699.301 Transfer In - Gen. DS	\$ 745,900	\$ 753,050	\$ 722,600	\$ 722,600	\$ 717,100	-0.76%	\$ 696,300	\$ 689,000
<u>EXPENDITURES</u>								
7991 Principal	560,000	590,000	580,000	580,000	595,000	2.59%	595,000	615,000
7995 Interest	185,900	163,050	142,600	142,600	122,075	-14.39%	101,250	73,975
7998 Other Fees	-	-	-	-	25	100.00%	50	25
Total Expenditures	745,900	753,050	722,600	722,600	717,100	-0.76%	696,300	689,000
Surplus/(Use) of Fund Balance	-	-	-	-	-	0.00%	-	-
Beginning Fund Balance	-	-	-	-	-	0.00%	-	-
Ending Fund Balance	\$ -	\$ -	\$ -	\$ -	\$ -	0.00%	\$ -	\$ -

Debt Service Funds
Debt Service

Debt Service

	2014 Actual Amount	2015 Actual Amount	2016 Estimated Amount	2016 Amended Budget	2017 Proposed	% Change	2018 Proposed	2019 Proposed
FUND 358 SERIES 2013 DDA								
REVENUES								
4676.248 Charges to DDA	-	958,688	951,000	-	941,900	100.00%	931,500	923,700
OTHER FINANCING SOURCES								
4698 Bond Proceeds	\$ 14,945,000	\$ -	\$ -	\$ -	\$ -	0.00%	\$ -	\$ -
4698.100 Bond Premiums	736,653	-	-	-	-	0.00%	-	-
4699.301 Transfer from DDA	125	-	-	951,000	-	-100.00%	-	-
Total Revenues and Other Sources	15,681,778	958,688	951,000	951,000	941,900	-0.96%	931,500	923,700
EXPENDITURES								
7991 Principal	-	260,000	260,000	260,000	260,000	0.00%	260,000	260,000
7995 Interest	-	698,563	690,763	690,763	681,663	-1.32%	671,263	663,463
8999.394 Transfer to DDA	15,440,343	-	-	-	-	0.00%	-	-
7998 Other Fees	241,435	125	237	237	237	0.00%	237	237
Total Expenditures	15,681,778	958,688	951,000	951,000	941,900	-0.96%	931,500	923,700
Surplus/(Use) of Fund Balance	-	-	-	-	-	0.00%	-	-
Beginning Fund Balance	-	-	-	-	-	0.00%	-	-
Ending Fund Balance	\$ -	\$ -	\$ -	\$ -	\$ -	0.00%	\$ -	\$ -



CAPITAL PROJECTS

Capital Projects Fund Summary

CAPITAL PROJECTS FUND

• *Operating Budget History*

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

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

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

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

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

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

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

(*) Indicates significant non-recurring capital projects budgeted

The following is a breakdown of the planned

• *Major Streets* **\$ 5,736,000**

Major renovation of Major and County Roads throughout the City including:

- ✓ South Blvd., Livernois to Rochester
- ✓ John R-Long Lake to South Blvd.
- ✓ Wattles Road, Rochester to John R

• *Local Streets* **\$ 3,075,000**

- ✓ Concrete Slab Replacement
- ✓ Mill and Overlay

• *Fire Department* **\$ 3,125,000**

- (*) Includes partial funding of rebuild of Fire Station #4
- ✓

• *Drains* **\$ 1,117,000**

- ✓ Includes Lane Drain Phase 2

• *Library* **\$ 780,300**

- ✓ Includes Library Materials Collection

• *Parks* **\$ 2,000,000**

- ✓ (*) Trails and Pathways
- ✓ (*) Dog Park

• *City Buildings* **\$ 830,000**

- ✓ (*) East Entrance Improvement

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.

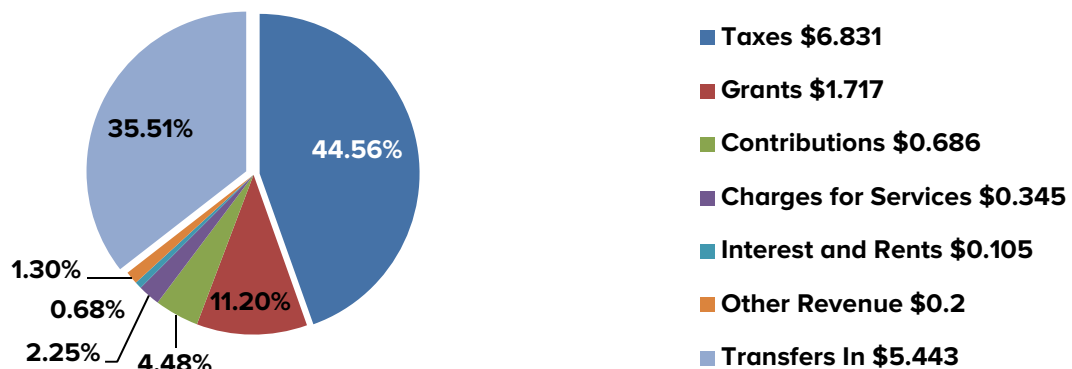
- ***Interest and Rents***

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 General Fund, Major Street Fund and other funds to fund select projects.

Capital Projects Revenue (Millions)



**Capital Outlay
Detail**

Capital Projects Fund

	2014 Actual Amount	2015 Actual Amount	2016 Estimated Amount	2016 Amended Budget	2017 Proposed	% Change	2018 Proposed	2019 Proposed
REVENUES								
Fund: 401 Capital Projects								
Department: 000 CP Revenues								
401.000.00.000								
Taxes	6,526,304	6,574,245	6,800,810	6,782,100	6,831,080	0.72%	6,923,890	6,986,350
Grants	3,122,722	3,552,895	2,516,040	1,333,000	1,717,250	28.83%	2,100,000	2,100,000
Contributions	-	7,590	200,000	200,000	686,400	243.20%	400,000	400,000
Charges for Services	528,949	393,804	345,000	342,000	345,000	0.88%	345,000	345,000
Interest and Rents	88,430	80,211	105,000	105,000	105,000	0.00%	105,000	105,000
Other Revenue	464,990	658,700	714,000	315,000	200,000	-36.51%	25,000	25,000
Business Unit Total: Revenue	10,731,396	11,267,445	10,680,850	9,077,100	9,884,730	8.90%	9,898,890	9,961,350

**Capital Outlay
Detail**

Capital Projects Fund

	2014 Actual Amount	2015 Actual Amount	2016 Estimated Amount	2016 Amended Budget	2017 Proposed	% Change	2018 Proposed	2019 Proposed
OTHER FINANCING SOURCES								
Transfers In:	0	0	-	-	-	0.00%	-	-
General Fund:						0.00%		
Street Projects	1,000,000	-	-	-	-	0.00%	-	-
Street Project - Troy Roads Rock	2,550,000	3,450,000	6,200,000	6,200,000	-	-100.00%	-	-
Fire Station #4 Rebuild	-	1,850,000	500,000	3,575,000	1,225,000	-65.73%	-	-
Fire Truck - Pumper #4	-	-	585,000	585,000	-	-100.00%	-	-
Major Streets	1,800,000	1,673,000	1,700,000	1,700,000	2,500,000	47.06%	2,800,000	2,400,000
Local Streets	-	-	1,000,000	1,000,000	500,000	-50.00%	580,000	1,400,000
Drug Forfeiture Fund	8,000	63,786	-	50,000	202,500	305.00%	172,500	10,000
Library Fund	638,751	776,218	791,900	898,900	780,300	-13.19%	580,000	580,000
CDBG	-	-	205,000	214,000	183,000	-14.49%	100,000	100,000
LDFA	-	105,999	53,000	53,000	53,000	0.00%	53,000	53,000
Special Assessments	-	115,837	-	18,000	-	-100.00%	-	-
Business Unit Total:Other Sources	5,996,751	8,034,840	11,034,900	14,293,900	5,443,800	-61.92%	4,285,500	4,543,000
Total Revenues and Other Sources	16,728,147	19,302,285	21,715,750	23,371,000	15,328,530	-34.41%	14,184,390	14,504,350

**Capital Outlay
Detail**

Capital Projects Fund

	2014 Actual Amount	2015 Actual Amount	2016 Estimated Amount	2016 Amended Budget	2017 Proposed	% Change	2018 Proposed	2019 Proposed
EXPENDITURES								
Department: City Manager								
Business Unit: 172 City Manager								
Building Improvements	-	-	16,800	16,800	-	-100.00%	-	-
General Equipment	-	-	50,000	50,000	-	-100.00%	-	-
Office Equipment and Furniture	-	7,048	13,200	13,200	-	-100.00%	-	-
Total City Manager	-	7,048	80,000	80,000	-	-100.00%	-	-
Department: Finance								
Business Unit: 253 Treasurer								
Tax Refunds	37,754	11,616	17,000	17,000	17,000	0.00%	17,000	17,000
Total Treasurer	37,754	11,616	17,000	17,000	17,000	0.00%	17,000	17,000
Total Finance Department	37,754	11,616	17,000	17,000	17,000	0.00%	17,000	17,000
Department: Clerk								
Business Unit: 262 Elections								
General Equipment-Elections	-	-	-	-	174,000	100.00%	-	-
Total City Clerk	-	-	-	-	174,000	100.00%	-	-

**Capital Outlay
Detail**

Capital Projects Fund

254

	2014 Actual Amount	2015 Actual Amount	2016 Estimated Amount	2016 Amended Budget	2017 Proposed	% Change	2018 Proposed	2019 Proposed
Department: City Buildings								
Business Unit: 264 Buildings								
Fire/Police Training Center								
Building Improvements	-	-	55,950	75,000	-	-100.00%	80,000	50,000
General Equipment	-	30,005	-	-	-	0.00%	-	-
City Hall								
EEBG Wind Spires	-	-	-	-	-	0.00%	-	-
Multi Module Transit Center	-	1,640,729	3,100,000	-	-	0.00%	-	-
EEBG LED Lighting	-	-	-	-	-	0.00%	-	-
Transportation Center	1,799,337	14,924	-	-	-	0.00%	-	-
City Hall HVAC	-	-	-	-	-	0.00%	-	-
City Hall Boiler	-	-	-	-	-	0.00%	-	-
Emergency Repairs	87,585	52,992	-	-	-	0.00%	-	-
Administrative Building	-	-	-	-	800,000	100.00%	-	-
General Improvements	-	-	30,000	30,000	30,000	0.00%	30,000	30,000
District Court								
Reserve/Court Bldg	-	89,998	-	-	-	0.00%	380,000	-
Total City Buildings	1,886,922	1,828,648	3,185,950	105,000	830,000	690.48%	490,000	80,000

**Capital Outlay
Detail**

Capital Projects Fund

	2014 Actual Amount	2015 Actual Amount	2016 Estimated Amount	2016 Amended Budget	2017 Proposed	% Change	2018 Proposed	2019 Proposed
Department: Police								
Business Unit: 301 Police								
Police Administration								
Building Improvements - Office/Garage	-	-	36,000	36,000	-	-100.00%	-	-
Building Improvements - Gun Range	-	-	50,000	50,000	50,000	0.00%	-	-
General Equipment	125,000	55,892	-	-	-	0.00%	-	-
General Equipment - Training	-	-	46,700	-	-	0.00%	-	-
Equipment - Federal Drug Forfeiture	-	-	-	-	-	0.00%	-	-
Forfeitures	-	-	-	-	-	0.00%	-	-
Police Road Patrol								
General Equipment	299,331	-	-	-	-	0.00%	-	150,000
Equipment - Federal Drug Forfeiture	8,000	-	-	-	10,000	100.00%	-	10,000

**Capital Outlay
Detail**

Capital Projects Fund

256

	2014 Actual Amount	2015 Actual Amount	2016 Estimated Amount	2016 Amended Budget	2017 Proposed	% Change	2018 Proposed	2019 Proposed
Police Communications								
Building Improvements - Office/Garage	-	-	35,000	35,000	25,000	-28.57%	-	-
Building Improvements - General Repair	-	-	-	95,000	95,000	0.00%	-	-
General Equipment	-	-	-	-	-	0.00%	22,000	-
911 System	-	-	-	-	165,000	100.00%	-	-
Equipment - Federal Drug Forfeiture	-	-	-	-	172,500	100.00%	172,500	-
Computers	83,235	-	-	-	-	0.00%	-	-
Network Equipment	-	-	-	-	-	0.00%	75,000	65,000
Computer Software	-	63,786	-	80,000	80,000	0.00%	-	45,000
Computer Aided Dispatch	-	-	35,000	35,000	-	-100.00%	-	40,000
CAD Equipment	-	-	-	-	-	0.00%	-	-
Radio Communications	-	-	-	-	-	0.00%	-	-
Total Police Department	515,565	119,677	202,700	331,000	597,500	80.51%	269,500	310,000

**Capital Outlay
Detail**

Capital Projects Fund

257

	2014 Actual Amount	2015 Actual Amount	2016 Estimated Amount	2016 Amended Budget	2017 Proposed	% Change	2018 Proposed	2019 Proposed
Department: Fire								
Business Unit: 336 Fire								
Land Acquisition	-	181,702	-	-	-	0.00%	-	-
General	-	-	-	-	-	0.00%	-	-
General Equipment	-	-	35,000	35,000	-	-100.00%	-	-
Vehicles	-	-	50,000	50,000	-	-100.00%	-	-
Apparatus Replacement	490,000	8,147	572,100	585,000	-	-100.00%	750,000	800,000
Communication Equipment	-	-	-	50,000	50,000	0.00%	-	-
Fire Station One	56,155	30,092	-	-	-	0.00%	-	-
Station Two	18,347	-	-	-	-	0.00%	-	-
Station Three	-	-	-	-	-	0.00%	-	-
Station Four	-	-	500,000	3,575,000	3,075,000	-13.99%	-	-
Fire Station Five	-	-	-	-	-	0.00%	-	-
Station Six	-	23,135	10,000	10,000	-	-100.00%	-	30,000
Total Fire Department	564,502	243,075	1,167,100	4,305,000	3,125,000	-27.41%	750,000	830,000
Department: Streets								
Business Unit: 448 Street Lighting								
General	30,597	75,888	50,000	50,000	50,000	0.00%	50,000	50,000

**Capital Outlay
Detail**

Capital Projects Fund

258

	2014 Actual Amount	2015 Actual Amount	2016 Estimated Amount	2016 Amended Budget	2017 Proposed	% Change	2018 Proposed	2019 Proposed
Business Unit: 479 Major Streets								
General Building Improvements	-	-	30,000	50,000	-	-100.00%	200,000	-
General Equipment	124,749	94,898	67,000	77,000	30,000	-61.04%	-	-
Maple Right Turn Lane at Coolidge	-	-	-	-	-	0.00%	-	-
Wattles at Rochester	7,917	-	-	-	-	0.00%	-	-
Dequindre from Long Lk to Auburn	-	70,560	150,000	150,000	300,000	100.00%	500,000	-
John R from Long Lk - Square Lk	20,952	166,393	225,000	450,000	225,000	-50.00%	375,000	250,000
John R from Sq Lake to South Bld	20,586	421,731	325,000	450,000	225,000	-50.00%	375,000	250,000
Livernois from Long Lk to Sq Lk	-	-	-	-	-	0.00%	-	-
Roch from Barclay to Trinway	-	-	15,000	-	500,000	100.00%	2,500,000	2,500,000
Livernois, Elmwood-Maple	-	-	-	-	-	0.00%	-	-
Coolidge at Golfview	-	-	-	-	-	0.00%	-	-
Rochester, Chopin to Larchwood	-	-	-	-	-	0.00%	-	-
Beach Road Pavement	-	-	-	-	-	0.00%	-	-
2011 Tri-Party CPR	-	-	-	-	-	0.00%	-	-
Dequindre -South Blvd to Auburn	-	18	9,000	-	-	0.00%	-	-
2012 Tri-party	-	-	-	-	-	0.00%	-	-
Livernois, Big Beaver to Wattles	2,271	522	1,000	-	-	0.00%	-	-
14 Mile, Campbell to Stephenson	-	198	33,000	-	-	0.00%	-	-
Livernois, Long Lake to Avon	-	-	-	-	-	0.00%	-	-
Square Lake, Rochester to John R	13,418	-	-	-	-	0.00%	-	-

**Capital Outlay
Detail**

Capital Projects Fund

259

	2014 Actual Amount	2015 Actual Amount	2016 Estimated Amount	2016 Amended Budget	2017 Proposed	% Change	2018 Proposed	2019 Proposed
Square Lake, John R to Dequindre	13,413	-	-	-	-	0.00%	-	-
Tri-Party	1,125,244	-	-	-	-	0.00%	-	-
Square Lake, Livernois to Roch	405,411	-	-	-	-	0.00%	-	-
Wattles, Crooks to Livernois	-	-	700,000	700,000	-	-100.00%	-	-
Wattles, Livernois to Rochester	-	-	525,000	600,000	-	-100.00%	-	-
NHPP	-	-	-	-	-	0.00%	-	-
LDFA Concrete and Slab Replace	-	121,900	-	53,000	53,000	0.00%	53,000	53,000
Wattles, Coolidge to Crooks	-	-	575,000	700,000	-	-100.00%	-	-
Long Lake, coolidge to Rochester	2,582,172	914,432	-	-	-	0.00%	-	-
Dequindre, 14 Mile to Big Beaver	-	460,528	-	-	-	0.00%	-	-
Tri-Party	-	-	-	-	-	0.00%	-	-
NHPP	-	-	-	-	-	0.00%	-	-
Big Beaver, Roch to Dequindre	-	1,108,621	-	-	-	0.00%	-	-
Long Lake, Mill/Overlay Adams to N. Pkwy	-	1,573,532	130,000	-	-	0.00%	-	-
Rochester, Elmwood to Maple	-	-	-	-	-	0.00%	-	-
Crooks, Wattles to Square Lake	-	66,715	-	-	-	0.00%	-	-
Wattles, Rochester to John R	-	-	-	-	750,000	100.00%	-	-
Wattles, John R to Dequindre	-	-	-	-	-	0.00%	750,000	-
Big Beaver, Adams to Rochester	-	100,054	1,800,000	2,200,000	-	-100.00%	-	-
John R, Maple to Long Lake	741,417	747,887	-	-	-	0.00%	-	-
2015 Tri-Party Funding	-	-	291,000	300,000	860,000	186.67%	600,000	600,000

**Capital Outlay
Detail**

Capital Projects Fund

260

	2014 Actual Amount	2015 Actual Amount	2016 Estimated Amount	2016 Amended Budget	2017 Proposed	% Change	2018 Proposed	2019 Proposed
Various Skip Patch Projects	-	-	410,000	490,000	-	-100.00%	-	-
Move X Troy - Smart Zone Xing	-	-	50,000	-	550,000	100.00%	-	-
Square Lake, Adams to Coolidge	-	-	-	-	-	0.00%	-	-
Square Lake, Coolidge to Crooks	-	-	-	-	-	0.00%	-	-
South Blvd., Livernois to Rochester	-	-	616,000	-	393,000	100.00%	-	-
I-75 Widening	-	-	-	-	600,000	100.00%	-	-
Livernois, at South Blvd.	-	-	50,000	-	50,000	100.00%	-	-
Square Lake, Crooks to Livernois	-	-	-	-	-	0.00%	400,000	-
Square Lake, Coolidge to Crooks	-	-	-	-	-	0.00%	650,000	-
Concrete Crack Sealing	-	52,614	60,000	50,000	100,000	100.00%	100,000	100,000
Concrete Pavement Leveling	1,194,909	1,311,333	845,000	1,000,000	1,000,000	0.00%	1,000,000	1,000,000
Concrete Slab Replacement	-	1,143,674	1,165,000	500,000	100,000	-80.00%	100,000	100,000
Long Lake from Carnaby to John R	-	-	-	-	-	0.00%	-	-
Crooks-Sq Lk to S Blvd	-	-	-	-	-	0.00%	-	-
Rochester from Torpey-Barclay	12,219	-	8,000	-	-	0.00%	-	-
Other Fees	-	-	-	-	-	0.00%	-	-
2000 MTF Bond	264,025	-	-	-	-	0.00%	-	-
Total Major Streets	6,528,701	8,355,609	8,080,000	7,770,000	5,736,000	-26.18%	7,603,000	4,853,000
Business Unit: 499 Local Streets								
Building Improvements	-	-	30,000	50,000	-	-100.00%	-	-
General Equipment	-	-	30,000	-	-	0.00%	-	-

**Capital Outlay
Detail**

Capital Projects Fund

	2014 Actual Amount	2015 Actual Amount	2016 Estimated Amount	2016 Amended Budget	2017 Proposed	% Change	2018 Proposed	2019 Proposed
Parkton SAD	-	-	-	50,000	-	-100.00%	-	-
Crack Sealing	-	119,886	92,000	100,000	50,000	-50.00%	50,000	50,000
Charnwood Hills Phse 1 Chip Seal	1,689	-	-	-	-	0.00%	-	-
Troywood SAD	119,031	-	-	-	-	0.00%	-	-
Concrete Slab Replacement	753,037	5,375,011	5,650,000	7,200,000	3,025,000	-57.99%	3,150,000	3,150,000
Total Local Streets	873,757	5,494,898	5,802,000	7,400,000	3,075,000	-58.45%	3,200,000	3,200,000

**Capital Outlay
Detail**

Capital Projects Fund

	2014 Actual Amount	2015 Actual Amount	2016 Estimated Amount	2016 Amended Budget	2017 Proposed	% Change	2018 Proposed	2019 Proposed
Business Unit: 513 Sidewalks								
CDBG Projects	-	-	-	-	76,000	100.00%	100,000	100,000
New Construction	-	26,864	50,000	50,000	50,000	0.00%	50,000	50,000
Replacement Program	674,790	715,425	450,000	450,000	450,000	0.00%	450,000	450,000
Total Sidewalks	674,790	742,289	500,000	500,000	576,000	15.20%	600,000	600,000
Business Unit: 516 Drains								
Lovington	22,589	-	-	-	-	0.00%	-	-
Streambank Stabilization	5,248	-	-	-	-	0.00%	-	-
Section 4 Weir Structure	-	-	-	-	-	0.00%	-	-
Aquatic Center Pond	1,849,460	259,714	30,000	30,000	-	-100.00%	-	-
Drains and Retention Ponds	110,477	33,315	-	100,000	-	-100.00%	-	-
Sylvan Glen Access Drive Culvert	-	55,645	1,000,000	930,000	140,000	-84.95%	-	-
Saw Grant-Storm Sewer	1,751	212,721	682,000	407,000	327,000	-19.66%	-	-
Wattles over the Rouge	-	-	-	-	250,000	100.00%	-	-
Lane Drain Phase 2	-	-	-	-	400,000	100.00%	-	-
Total Drains	1,989,524	561,395	1,712,000	1,467,000	1,117,000	-23.86%	-	-
Total Streets Department	10,097,369	15,230,079	16,144,000	17,187,000	10,554,000	-38.59%	11,453,000	8,703,000

**Capital Outlay
Detail**

Capital Projects Fund

263

	2014 Actual Amount	2015 Actual Amount	2016 Estimated Amount	2016 Amended Budget	2017 Proposed	% Change	2018 Proposed	2019 Proposed
Department: Public Works								
Various Land Improvements	-	-	-	30,000	-	-100.00%	-	-
Municipal Parking Lots	162,481	226,340	-	377,640	350,000	-7.32%	233,590	250,000
Storage Building	-	1,279	-	-	-	0.00%	-	-
Fuel Island-DPW	7,800	-	-	-	-	0.00%	-	-
Roof Replacement	-	326,241	-	-	-	0.00%	-	-
General Repairs	25,683	151,723	20,000	65,000	32,000	-50.77%	120,000	20,000
General	30,272	94,526	109,000	95,000	12,000	-87.37%	-	-
Total Public Works Department	226,236	800,108	129,000	567,640	394,000	-30.59%	353,590	270,000
Department: Parks								
Brinston Park	-	-	60,000	60,000	-	-100.00%	-	-
Flynn Park	-	-	-	-	-	0.00%	-	100,000
Barrier Free Project	-	-	107,000	107,000	-	-100.00%	-	-
Outdoor Education Center	-	-	-	-	-	0.00%	-	-
Various Land Improvements	-	-	150,000	150,000	150,000	0.00%	150,000	-
Trails and Pathways	-	-	-	1,000,000	1,750,000	75.00%	200,000	200,000
Dog Park	-	-	700,000	350,000	100,000	-71.43%	100,000	-
Section 36 Pathways	-	-	-	-	-	0.00%	-	-
Total Parks Department	-	-	1,017,000	1,667,000	2,000,000	19.98%	450,000	300,000

**Capital Outlay
Detail**

Capital Projects Fund

	2014 Actual Amount	2015 Actual Amount	2016 Estimated Amount	2016 Amended Budget	2017 Proposed	% Change	2018 Proposed	2019 Proposed
Department: Recreation								
Community Center Building Improvements	28,553	76,100	383,840	640,000	-	-100.00%	150,000	120,000
Community Center Equipment	32,054	183,623	71,000	71,000	-	-100.00%	40,000	15,000
Total Recreation	60,607	259,723	454,840	711,000	-	-100.00%	190,000	135,000
Department: Nature Center								
Total Nature Center	-	-	34,000	50,000	-	-100.00%	-	-
Department: Library								
Carpet/Tile Replacement	-	-	-	-	150,000	100.00%	-	-
General Repairs	-	143,593	260,000	323,860	50,300	-84.47%	-	181,600
Office Equipment and Furniture	31,361	40,079	108,900	258,900	-	-100.00%	-	-
Library Materials Collection	607,390	592,546	580,000	580,000	580,000	0.00%	580,000	580,000
Total Library	638,751	776,218	948,900	1,162,760	780,300	-32.89%	580,000	761,600
Department: Historic Village								
Historic Green Dev	-	45,000	-	-	-	0.00%	-	-
Barrier Free Project	-	-	98,000	107,000	107,000	0.00%	-	-
General Repairs	-	100,870	-	40,000	25,000	-37.50%	25,000	25,000
Total Historic Village	-	145,870	98,000	147,000	132,000	-10.20%	25,000	25,000
Total Expenditures	14,027,706	19,422,062	23,478,490	26,330,400	18,603,800	-29.34%	14,578,090	11,431,600

**Capital Outlay
Detail**

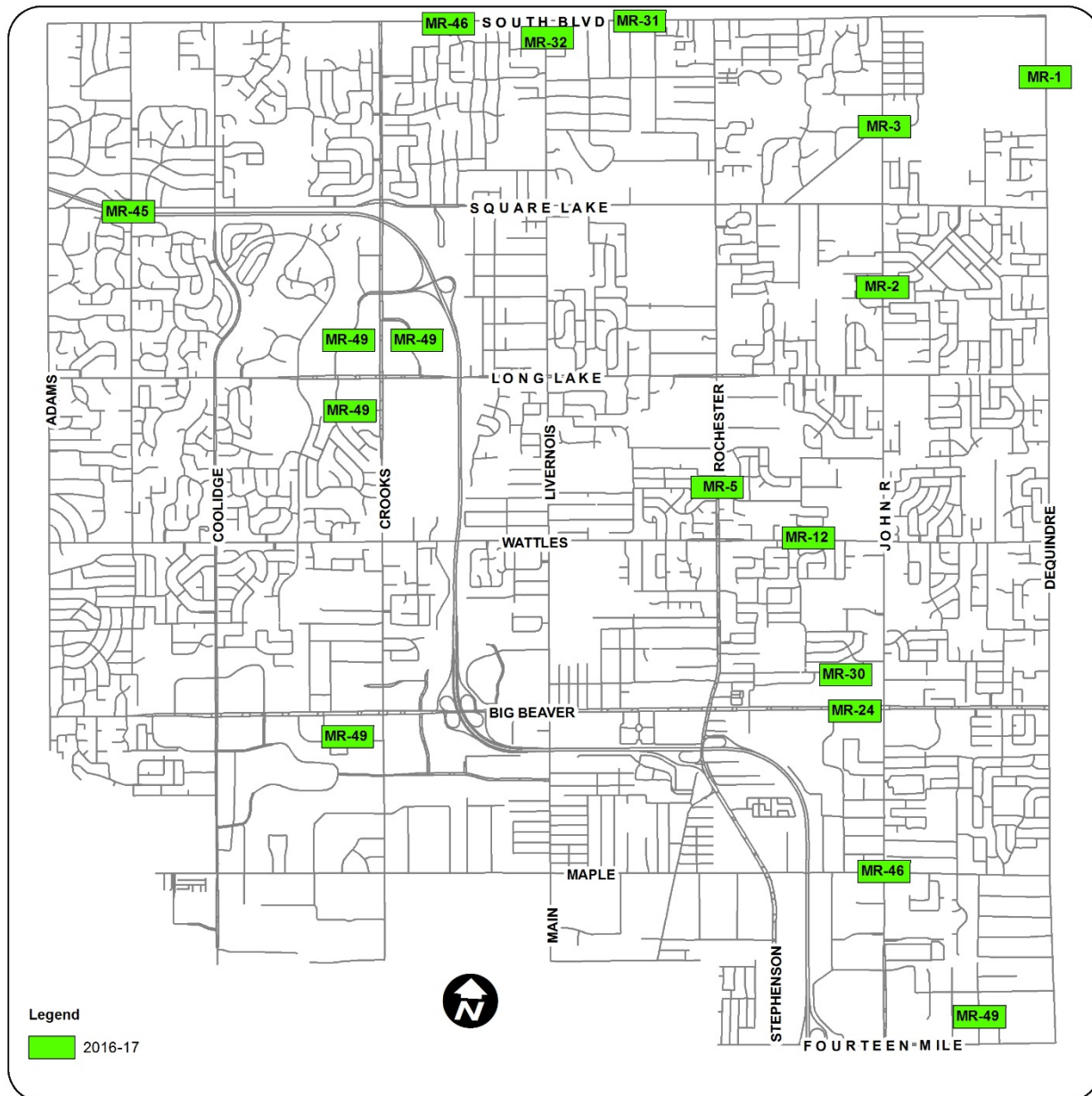
Capital Projects Fund

	2014 Actual Amount	2015 Actual Amount	2016 Estimated Amount	2016 Amended Budget	2017 Proposed	% Change	2018 Proposed	2019 Proposed
Other Financing Uses								
Information Technology	-	59,010	-	165,000	-	-100.00%	-	-
Principal	211,746	217,182	222,716	222,716	228,788	2.73%	234,269	239,959
Interest	36,438	58,534	52,452	52,452	46,616	-11.13%	40,616	34,459
Other Fees	4	7	12	32	16	-50.00%	15	12
Total Other Financing Uses	248,187	334,733	275,180	440,200	275,420	-37.43%	274,900	274,430
Total Expenditures and Other Uses	14,275,893	19,756,795	23,753,670	26,770,600	18,879,220	-29.48%	14,852,990	11,706,030
Surplus/(Use) of Fund Balance	2,452,254	(454,509)	(2,037,920)	(3,399,600)	(3,550,690)	4.44%	(668,600)	2,798,320
Beginning Fund Balance	11,978,530	14,430,784	13,976,275	13,976,275	11,938,355	-14.58%	8,387,665	7,719,065
Ending Fund Balance	\$ 14,430,784	\$ 13,976,275	\$ 11,938,355	\$ 10,576,675	\$ 8,387,665	-20.70%	\$ 7,719,065	\$ 10,517,385

Capital Outlay

Special Assessments

	2014 Actual Amount	2015 Actual Amount	2016 Estimated Amount	2016 Amended Budget	2017 Proposed	% Change	2018 Proposed	2019 Proposed
REVENUES								
Fund: 403 Special Assessments								
Department: 000 SA Revenues								
403.000.00.000								
Interest and Rents	\$ 10,243	\$ 7,861	\$ -	\$ -	\$ -	0.00%	\$ -	\$ -
Other Revenue	53,836	43,897	-	-	-	0.00%	-	-
Business Unit Total: CP Revenue	64,079	51,758	-	-	-	0.00%	-	-
OTHER FINANCING USES								
403.896.00.896								
Transfers Out	-	115,837	-	-	-	0.00%	-	-
Surplus/(Use) of Fund Balance	64,079	(64,079)	-	-	-	0.00%	-	-
Beginning Fund Balance	-	64,079	-	-	-	0.00%	-	-
Ending Fund Balance	\$ 64,079	\$ -	\$ -	\$ -	\$ -	0.00%	\$ -	\$ -

Major Roads

Major Roads

MAJOR ROADS 2016/17 BUDGET (401.447.479.7989)

Map Number	Project Number	Project Name	Total Project Cost	Total City Cost	Other Sources	15/16 Amended Budget	15/16 Expenditure to 6/30/16	15/16 Balance at 6/30/16	Proposed 16/17 Budget	Comments
	99.203.5	Rochester, Torpey to Barclay	20,000,000	4,000,000	16,000,000	-	8,000	(8,000)	-	
MR-1	02.202.5	Dequindre, Long Lake to Auburn	18,400,000	1,700,000	16,700,000	150,000	150,000	-	300,000	RCOC
MR-2	02.203.5	John R, Long Lake to Square Lake	9,000,000	1,800,000	7,200,000	450,000	225,000	225,000	225,000	Troy - \$180k 16 FF; \$180k 17 FF
MR-3	02.204.5	John R, Square Lake to South Blvd.	9,000,000	1,800,000	7,200,000	450,000	325,000	125,000	225,000	Troy - \$180k 16 FF; \$180k 17 FF
MR-5	02.206.5	Rochester, Barclay to Trinway	18,000,000	3,600,000	14,400,000	-	15,000	(15,000)	500,000	Troy
	11.103.6	Dequindre, South Blvd to Auburn	1,620,000	39,000	1,581,000	-	9,000	(9,000)	-	
	12.103.6	Livernois, Big Beaver to Wattles	1,059,000	105,000	954,000	-	1,000	(1,000)	-	
	12.104.6	14 Mile, Campbell to Stephenson	1,084,000	125,000	959,000	-	33,000	(33,000)	-	
	13.104.5	Wattles, Crooks to Livernois	700,000	700,000	-	700,000	700,000	-	-	
	13.105.5	Wattles, Livernois to Rochester	600,000	600,000	-	600,000	525,000	75,000	-	
MR-24	13.107.5	LDFA Concrete Slab Replacement	53,000	-	53,000	53,000	-	53,000	53,000	LDFA - \$53k 17 LDFA
	14.102.5	Wattles, Coolidge to Crooks	700,000	700,000	-	700,000	575,000	125,000	-	
	14.110.6	Long Lake, Adams to Northfield Parkway	1,500,000	-	1,500,000	-	130,000	(130,000)	-	
MR-12	15.101.5	Wattles, Rochester to John R	750,000	750,000	-	-	-	-	750,000	Mill & Overlay
	15.103.5	Big Beaver, Adams to Rochester	3,109,000	-	2,000,000	2,200,000	1,800,000	400,000	-	
MR-46	15.105.6	Tri-Party	600,000	200,000	400,000	300,000	291,000	9,000	860,000	Tri-Party - \$656,400 16 TP
	15.107.5	Mill & Overlay - Crooks/BB & Sq Lk/Coolidge	490,000	490,000	-	490,000	410,000	80,000	-	
MR-30	15.108.6	Automation Alley/SmartZone Ped. Crossing	550,000	550,000	-	-	50,000	(50,000)	550,000	Move Across Troy
MR-31	15.116.5	South Blvd, Livernois to Rochester	3,500,000	1,009,000	2,491,000	-	616,000	(616,000)	393,000	RCOC
MR-45	16.101.6	I75 Widening	127,000,000	600,000	126,400,000	-	-	-	600,000	Phase 1 - Coolidge/South Blvd.
MR-32	16.102.6	Livernois at South Boulevard	1,000,000	100,000	900,000	-	50,000	(50,000)	50,000	RCOC
	7975	DPW Renovations	50,000	50,000	-	50,000	30,000	20,000	-	
MR-40	7978	Road Patcher/Recycler	10,000	10,000	-	10,000	-	10,000	30,000	By DPW
	7978	Mini Excavator	67,000	67,000	-	67,000	67,000	-	-	
MR-48	7989.200	Crack Sealing Program	100,000	100,000	-	50,000	60,000	(10,000)	100,000	By Engineering
MR-49	7989.300	Industrial Road Maintenance	1,000,000	1,000,000	-	1,000,000	845,000	155,000	1,000,000	Various Locations
MR-50	7989.500	Slab Replacement - Major Roads	100,000	100,000	-	500,000	1,165,000	(665,000)	100,000	By DPW

Major Roads

MAJOR ROADS 2016/17 BUDGET (401.447.479.7989)										
Map Number	Project Number	Project Name	Total Project Cost	Total City Cost	Other Sources	15/16 Amended Budget	15/16 Expenditure to 6/30/16	15/16 Balance at 6/30/16	Proposed 16/17 Budget	Comments
TOTALS:			220,042,000	20,195,000	198,738,000	7,770,000	8,080,000	(310,000)	5,736,000	
Revenue (Federal Funds):							360,000		360,000	
Revenue (Tri-Party):							200,000		656,400	
Revenue (LDFA):							53,000		53,000	

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, asphalt pavement overlays and crack sealing. All of these fixes provide for an improved road surface as well as an increased life cycle for the pavement. Maintenance activities are typically completed in the year that they are budgeted.

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

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

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

Federal funds for the design and right-of-way phases have been obligated and are available. Federal funds for the construction phase are anticipated in 2016, 2017 and 2018. The local match will be split between the Cities of Troy, Rochester Hills, Sterling Heights, Shelby Township and the Road Commissions of Oakland County and Macomb County. Operation and maintenance costs will not be impacted as the road is under the jurisdiction of the Road Commission for Oakland County.

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

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

Major Roads

Federal funds for the design and right-of-way phases have been obligated and are available. Construction is approved for funding in 2017. Operation and maintenance costs will not be impacted as the road is under the jurisdiction of the Road Commission for Oakland County.

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

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

Federal funds for the design and right-of-way phases have been obligated and are available. Federal funds for the construction phase have been approved in 2017. Operation and maintenance costs will not be impacted as the road is under the jurisdiction of the Road Commission for Oakland County.

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 2017 and 2019 respectively. Operation and maintenance costs are expected to increase by \$8,600 per year due to additional lanes being constructed.

MR-12. Wattles Road, Rochester Road to John R 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. Operation and maintenance costs will decrease by \$8,600 per year due to rehabilitation of pavement.

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

This work involves removal and replacement of failed concrete pavement to repair and extend the life of the pavement. Funds are budgeted by the Local Development Finance Authority (LDFA) to repair concrete pavement along Big Beaver and Bellingham. This project will be paid for entirely by LDFA funds. Operation and maintenance costs are expected to decrease by \$8,600 per year per mile of concrete slabs replaced.

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

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

Major Roads

MR-31. South Boulevard, Livernois to Rochester (Mill and Overlay and Intersection Reconstruction)

This project will reconstruct the intersection of South Boulevard and Rochester Road with concrete, upgrade the traffic signal, mill (grind off) a portion of the South Boulevard pavement and overlay it with asphalt, between Livernois and Rochester. The project cost is split between the RCOC, City of Troy and City of Rochester Hills. Operation and maintenance costs will not be impacted as the roads are under the jurisdiction of the Road Commission for Oakland County.

MR-32. Livernois at South Boulevard (Right Turn Lanes and Traffic Signal Upgrade)

This project is under the jurisdiction of the Road Commission for Oakland County (RCOC). The intersection will be reconstructed, a new traffic signal installed and right turn lanes constructed on northbound and southbound Livernois and westbound South Boulevard. The project is funded with \$700,000 in federal funds. The local match is split evenly between the RCOC, City of Troy and City of Rochester Hills. Operation and maintenance costs will not be impacted as the roads are under the jurisdiction of the Road Commission for Oakland County.

MR-40. Road Patcher/Recycler

The Department of Public works is responsible for ongoing pavement maintenance. One of the existing road patchers has reached the end of its useful life and requires replacement. A road patcher is a large piece of equipment that is used to provide temporary road repairs with cold patch material during the colder months.

MR-45. I-75 Widening and Reconstruction

The Michigan Department of Transportation (MDOT) is moving forward with a project to reconstruct and widen I-75, in Oakland County, from M-102 in Hazel Park to south of M-59 in Auburn Hills. The project will provide for four (4) lanes of travel in each direction. One (1) lane will provide for a High Occupancy Vehicle (HOV) lane. This will be the first use of an HOV lane in Michigan. Through Troy, widening will occur in what is currently the median area between the northbound and southbound lanes. This median area will be filled in and a barrier wall constructed. The project will also reconstruct all of the bridges in the corridor. This is a multi-year project and the first phase of the project will begin in 2016. Phase 1 starts just north of Coolidge Road in Troy and continues to just north of South Boulevard in Auburn Hills. Troy will be required to provide a share of the project for work within the Troy boundaries, based on our Act 51 participating share of 12.5%.

Major Roads

MR-46. Tri-Party Concrete Pavement Replacement

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

MR-48. Major Roads (Crack Sealing Program)

This work involves cleaning and sealing existing pavement joints to extend the life of the pavement. An annual allocation is budgeted to complete this work and is targeted at major roads. Locations are determined by the Department of Public Works and are not specifically delineated on the map. These projects will be paid for entirely by City funds. Operation and maintenance costs are expected to decrease slightly.

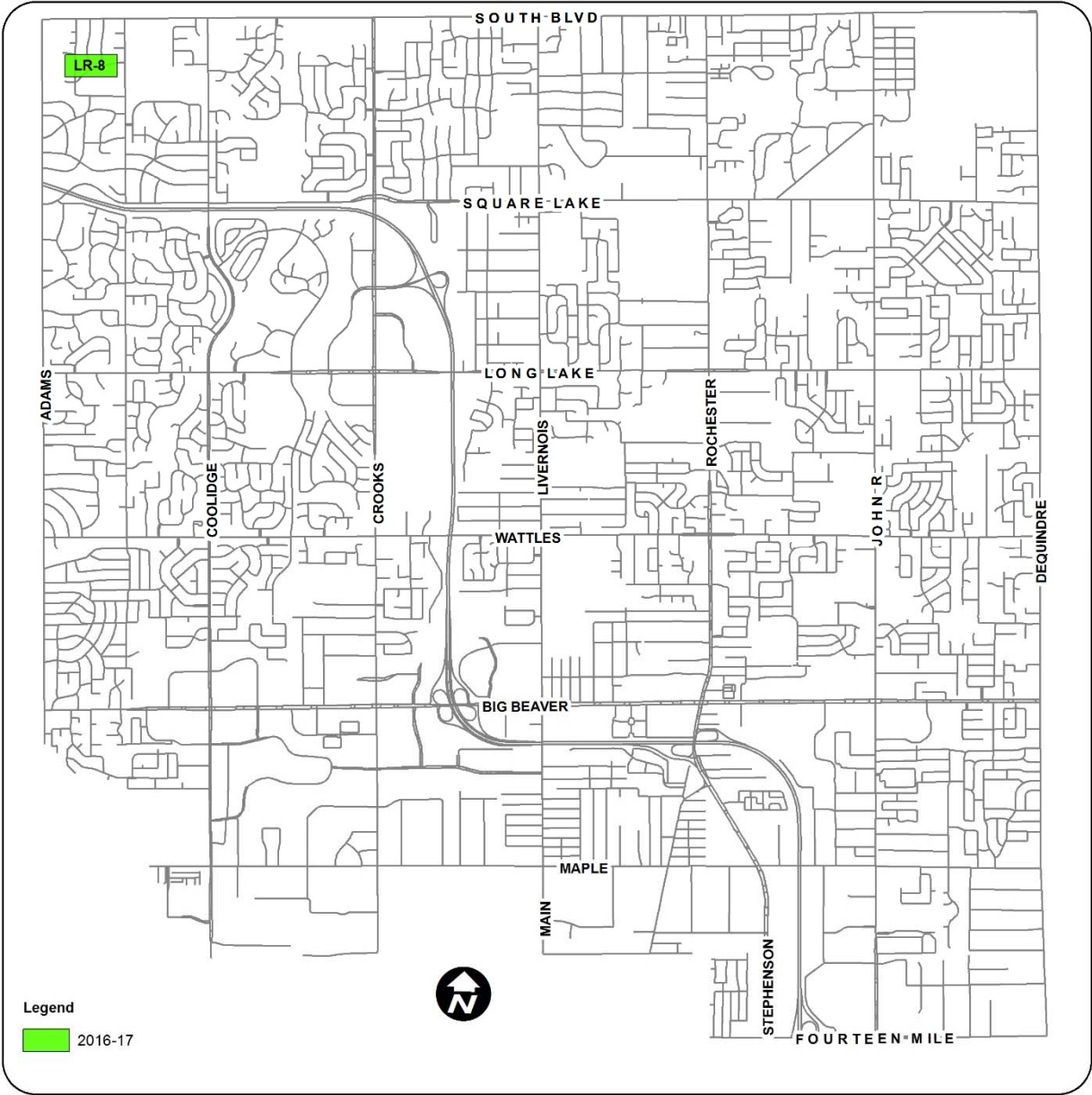
MR-49. Industrial Road Maintenance

Project locations are determined annually based on the City's Pavement Management System and field inspections. 2016 funds are targeted for work on Corporate, Investment, Butterfield, Tower and Minnesota. 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. Operation and maintenance costs are expected to decrease by \$8,600 per year per mile.

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 specifically noted in the capital improvement plan. 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. Operation and maintenance costs are expected to decrease by \$8,600 per year per mile of concrete slabs replaced.

Local Roads



Local Roads

LOCAL ROADS 2016/17 BUDGET (401.447.499.7989)

Map Number	Project Number	Project Name	Total Project Cost	Total City Cost	Other Sources	15/16 Amended Budget	15/16 Expenditure to 6/30/16	15/16 Balance at 6/30/16	Proposed 16/17 Budget	Comments
	7989.500	Concrete Slab Replacement	4,400,000	4,400,000	-	4,000,000	4,400,000	(400,000)	-	By DPW
LR-1	7989.500	Concrete Slab Replacement	2,500,000	2,500,000	-	-	-	-	2,500,000	By DPW
	7989.500	Asphalt Pavement Overlay - Section 19	1,250,000	1,250,000	-	700,000	1,250,000	(550,000)	-	By Engineering
LR-8	7989.500	Asphalt Pavement Overlay - Section 16 NW 1/4	525,000	525,000	-	-	-	-	525,000	By Engineering
	15.201.1	Parkton SAD	50,000	32,000	18,000	50,000	-	50,000	-	SAD Paving - Project Deleted
	7978	Asphalt Mill	30,000	30,000	-	-	30,000	(30,000)	-	By DPW
	7989	DPW Renovations	50,000	50,000	-	50,000	30,000	20,000	-	By DPW
LR-50	7989.120	Crack Sealing	50,000	50,000	-	100,000	92,000	8,000	50,000	By Engineering
TOTALS:			8,855,000	8,837,000	18,000	4,900,000	5,802,000	(902,000)	3,075,000	

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. Crack sealing locations vary and are not identified on the map as this work is a rolling operation with minimal startup and construction time in any one area.

Paving of a local road is initiated by the residents living on the road. Residents on gravel roads can initiate a

Local Roads

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. Operation and maintenance costs are expected to decrease by \$2,000 per mile of local roads maintained.

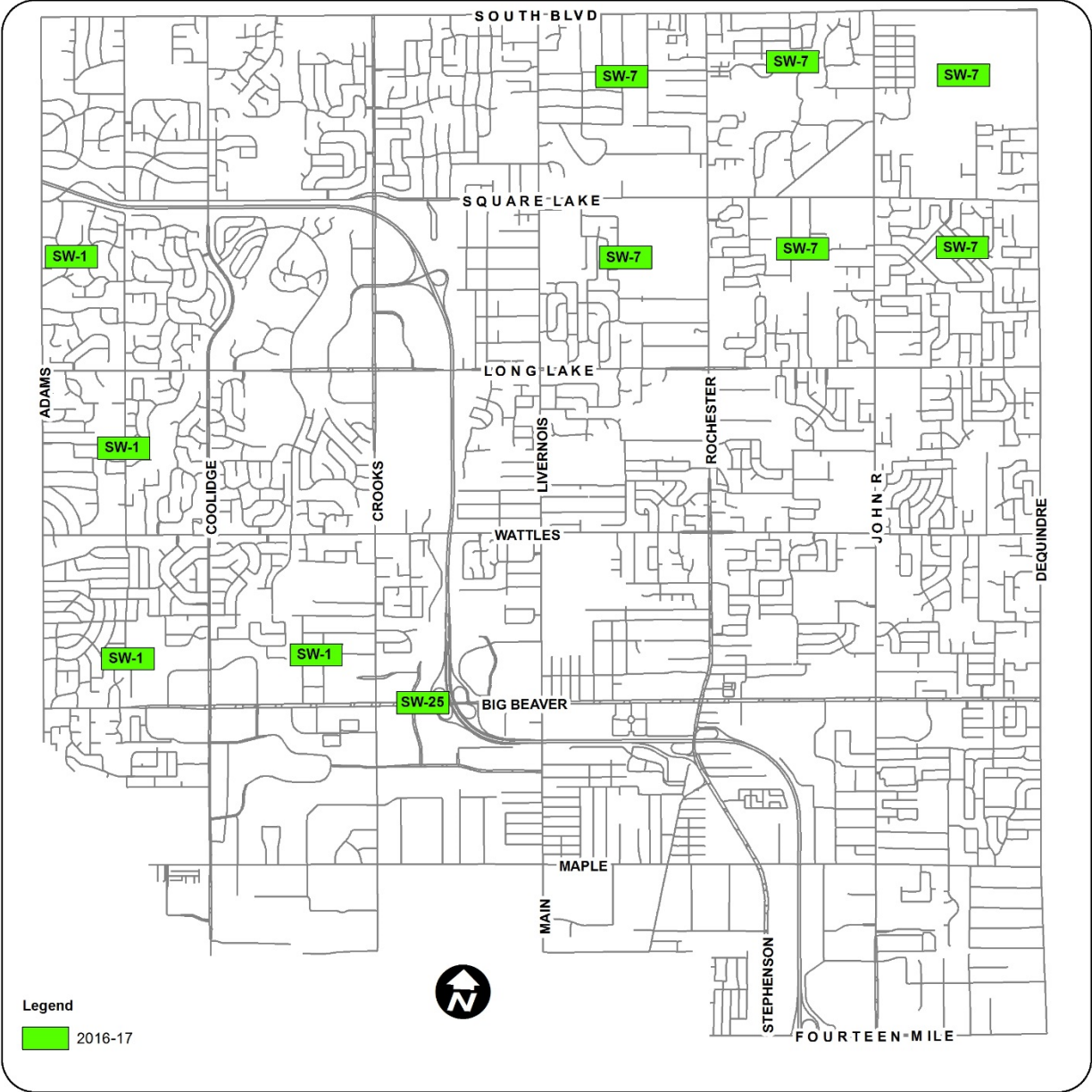
LR-8. Asphalt Pavement Overlay (Section 6 NW 1/4)

The local roads in the Lake Charnwood area (Limerick, Killarney, Dublin Fair, Erin Way, Galloway Bay, Donegal, Lake Charnwood, Clock Gate and Meath Hunt Circle) will be targeted for asphalt pavement overlays. It is anticipated that the project may include milling (grinding) of the existing pavement or pulverizing (crushing the existing pavement into a base material) and then placing a 1.5" to 3" asphalt overlay. This project will be paid for entirely by City funds. Operation and maintenance costs are expected to decrease by \$2,000 per mile of local roads maintained.

LR-50. Crack Sealing (City-wide)

Funds are budgeted annually for crack sealing throughout the city. Project areas are identified by DPW during field reviews and are not specifically identified on the maps. These areas are compiled to create an annual crack sealing contract which is then put out for bid and the work completed by a contractor. This project will be paid for entirely by City funds. Operation and maintenance costs are expected to decrease by \$2,000 per mile of local roads maintained.

Sidewalks



Sidewalks

SIDEWALKS 2016/17 BUDGET (401.447.513.7989)

Map Number	Project Number	Project Name	Total Project Cost	Total City Cost	Other Sources	15/16 Amended Budget	15/16 Expenditure to 6/30/16	15/16 Balance at 6/30/16	Proposed 16/17 Budget	Comments
	7989.700	Residential - Section 17	450,000	350,000	100,000	450,000	450,000	-	-	By DPW
SW-1	7989.700	Residential - Section 7 (W/Beach), 18, 19 and 20	350,000	210,000	140,000	-	-	-	350,000	By DPW
SW-7	7989.700	Major Roads - Section 1, 2, 3, 10, 11 and 12	100,000	100,000	-	-	-	-	100,000	By DPW
SW-13	7989.650	New Construction	50,000	50,000	-	50,000	50,000	-	50,000	By DPW
SW-25	7989.700	Sidewalk Ramps at Wilshire and Troy Center	76,000	-	76,000	-	-	-	76,000	BY DPW - CDBG Funds - \$76k
TOTALS:			1,026,000	710,000	316,000	500,000	500,000	-	576,000	
Revenue (Sidewalk Replacement Program):							100,000		140,000	Paid by Resident for Sidewalk Repairs (40%)
Revenue (CDBG):							-		76,000	CDBG

Sidewalks

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

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

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

SW-1. Residential Sidewalk Replacements (Section 7, west of Beach, 18, 19 and 20)

This project will be paid for entirely by City funds, with reimbursement by property owners. Operation and maintenance costs are expected to decrease by \$275 per mile of sidewalk replaced.

SW-7. Major Road Sidewalk Replacements (Section 1, 2, 3, 10, 11 and 12)

This project will be paid for entirely by City funds. Operation and maintenance costs are expected to decrease by \$275 per mile of sidewalk replaced.

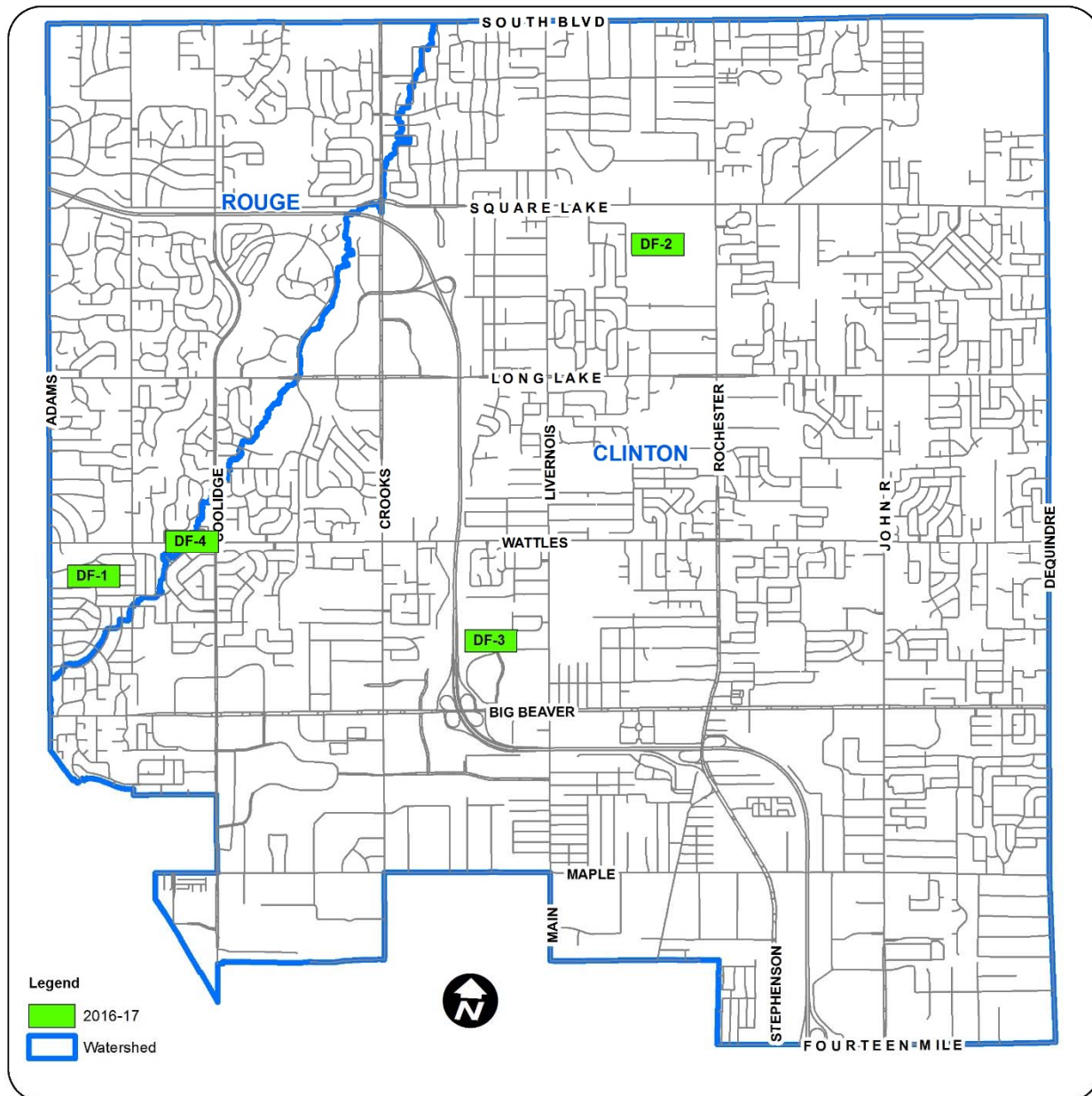
SW-13. New Construction (City-wide)

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. Operation and maintenance costs are expected to decrease by \$275 per mile of sidewalk replaced.

SW-25. Sidewalk Ramps at Wilshire and Troy Center

The existing sidewalk ramps at Wilshire and Troy Center will be removed and replaced with new Americans with Disabilities Act (ADA) compliant concrete sidewalk ramps with truncated domes. Community Development Block Grant (CDBG) funds in the amount of \$76,000 have been programmed to reimburse the city for this work.

Drain Fund



Drain Fund

DRAINS 2016/17 BUDGET (401.447.516.7989)

Map Number	Project Number	Project Name	Total Project Cost	Total City Cost	Other Sources	15/16 Amended Budget	15/16 Expenditure to 06/30/16	15/16 Balance at 6/30/16	Proposed 16/17 Budget	Comments
	07.303.5	Aquatic Center Pond	2,300,000	1,315,000	985,000	30,000	30,000	-	-	NOAA Grant - \$985K
DF-1	14.302.6	SAW Grant - Storm Sewer	1,222,000	222,000	1,000,000	407,000	682,000	(275,000)	327,000	SAW Grant - \$667k
DF-2	14.304.6	Sylvan Glen Phase 2	1,140,000	640,000	500,000	930,000	1,000,000	(70,000)	140,000	EPA Grant - \$500k
DF-3	16.302.6	Lane Drain Phase 2	400,000	100,000	300,000	-	-	-	400,000	MDEQ Grant - \$300k
DF-4	16.301.5	Wattles over the Rouge	250,000	250,000	-	-	-	-	250,000	
	7989.1000	Drains & Retention	100,000	100,000	-	100,000	-	100,000	-	Pump&Fence Repl.; Drains Misc.; DPW Misc.
TOTALS:			5,412,000	2,627,000	2,785,000	1,467,000	1,712,000	(245,000)	1,117,000	
Revenue (Federal Funds):							500,000		-	
Revenue (State Funds):							511,500		545,250	

Drain Fund

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

Rouge River Watershed

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

Clinton River Watershed

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

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

These regulations state 6 minimum measures that municipalities must address:

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

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

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

DF-1. SAW Grant (Storm Sewer)

Stormwater, Asset Management and Wastewater (SAW) grants were established for asset management plan development, stormwater plan development, sewage collection and treatment plan development and state funded loans to construct projects identified in the asset management plans. Grants have a \$2M cap per community. The first \$1M has a 10% local match; the 2nd \$1M has a 25% local match. Funds are awarded to grant and loan recipients on a first come, first served basis. Grant recipients must proceed with a project for which grant funding is provided within 3 years of grant award or face repayment of the grant plus interest. The city was successful in receiving a SAW grant of \$1,999,925 to be split between the Drains Fund and Sewer Fund. SAW grant projects in the drains fund are proposed to collect city-wide storm sewer inverts and to identify, investigate and repair deficient storm sewer locations in Section 19.

Drain Fund***DF-2. Sylvan Glen Phase 2 (Streambank Stabilization)***

Sylvan Glen Phase 2 is a continuation of work done at the golf course along the Gibson-Renshaw Drain that runs through the golf course. The project will restore connectivity and long-term stability, reduce erosion, downstream sediment loading and slope failures, repair storm sewer outlets and remove an existing culvert and bridge to provide ecological benefits. Troy received a \$500,000 grant from the EPA to pay for approximately 45% of the project.

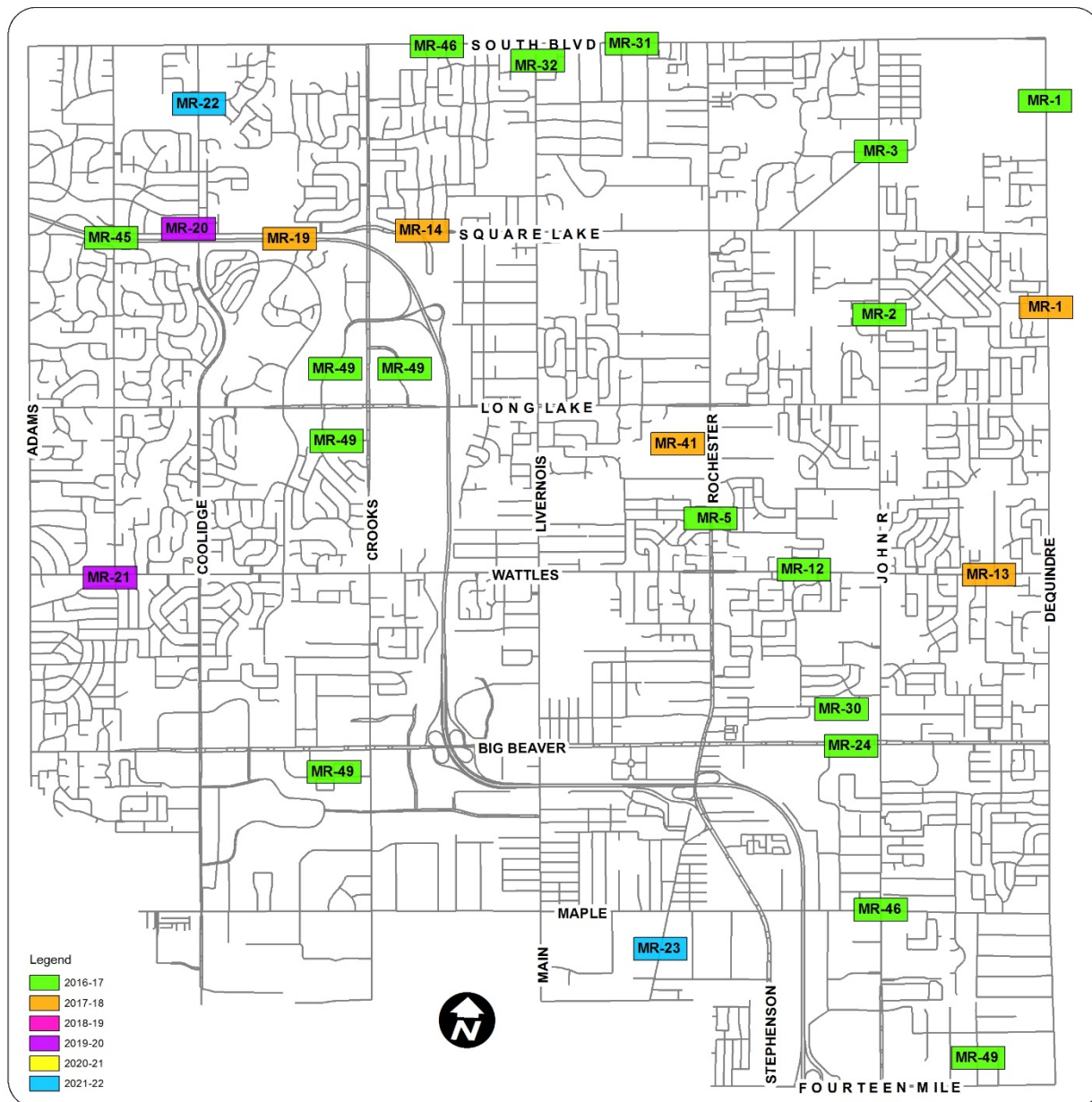
DF-3. Lane Drain Phase 2 (Streambank Stabilization)

This project will be completed on an approximately 650 foot reach immediately downstream of the project completed in 2014 with NOAA funding which removed dams, created a two-stage channel, stabilized streambanks, and replaced culverts and immediately upstream of the project completed by the City which created floodplain benches and stabilized 500 feet of streambanks. This unrestored reach of the Lane Drain has continuous bank and bed erosion. Completion of this project will prevent excessive sediment loading, restore hydrologic stability, and improve aquatic habitat. For this project, the approximately 650 foot reach will be restored and a floodplain bench excavated at the bankfull elevation to create a two-stage channel transitioning between the two previous projects. Moderate meanders will be created to reduce channel slope and prevent future erosive activity. The banks will be stabilized through re-vegetation with native grasses, forbs, shrubs, and trees to create riparian wet meadow and riparian buffers. Troy has submitted a grant application for \$300,000 in funding for this \$400,000 project. If the grant is approved, the project would move forward. If we are not successful in receiving grant funds, the project will be removed from the budget.

DF-4. Wattles over the Rouge (Structure Rehabilitation)

The existing dual 12'-10" x 8'-4" multi-plate arch CMP culverts under Wattles Road at the Rouge were installed in 1967 and extended in 1983 to provide additional clearance from the edge of roadway. A structural evaluation was performed as a follow-up to the biennial bridge inspections completed in 2015 where it was noted that these culverts were found to be severely deteriorated along the culvert bottoms. The structural investigation confirmed the severity of the deterioration and load rating was recommended as a temporary measure until immediate culvert repair or replacement could take place. Several options were considered and discussed with the MDEQ, as a permit is required for any work in the Rouge River. The most cost effective solution determined was a structural lining system called GeoKrete (geopolymer lining). This product has a 50-year design life, can be completed in about one (1) month and with minimal disruption to the road or the Rouge River.

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
				2016/2017	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022	
MR-1	Dequindre, Long Lake to Auburn	23,000,000	800,000	300,000	500,000	-	-	-	-	RCOC; \$6M 15-C; \$10.6M 17-C; \$3.4M 18-C
MR-2	John R, Long Lake to Square Lake	10,974,000	2,195,000	225,000	375,000	250,000	-	-	-	\$13,800k 17-C
MR-3	John R, Square Lake to South Blvd.	8,491,000	1,699,000	225,000	375,000	250,000	-	-	-	\$13,800k 17-C
MR-5	Rochester, Barclay to Trinway	625,000	125,000	500,000	250,000	-	-	-	-	PE; \$460k 02-C
	Rochester, Barclay to Trinway	5,000,000	1,000,000	-	2,250,000	2,500,000	-	-	-	ROW; \$4,000k 17-C
	Rochester, Barclay to Trinway	13,000,000	2,600,000	-	-	-	1,000,000	1,000,000	-	CON; \$13,386k 19-C
MR-12	Wattles, Rochester to John R.	750,000	750,000	750,000	-	-	-	-	-	Mill & Overlay
MR-13	Wattles, John R to Dequindre	750,000	750,000	-	750,000	-	-	-	-	Mill & Overlay - Incl. John R South
MR-14	Square Lake, Crooks to Livernois	400,000	400,000	-	400,000	-	-	-	-	Mill & Overlay
MR-19	Square Lake, Coolidge to Crooks	650,000	650,000	-	650,000	-	-	-	-	Mill & Overlay
MR-20	Square Lake, Adams to Coolidge	750,000	750,000	-	-	-	750,000	-	-	Mill & Overlay
MR-21	Wattles, Adams to Coolidge	550,000	550,000	-	-	-	550,000	-	-	Mill & Overlay
MR-22	Coolidge, Square Lake to South Blvd	750,000	750,000	-	-	-	-	-	750,000	Mill & Overlay
MR-23	Rochester, Elmwood to Maple	500,000	500,000	-	-	-	-	-	500,000	Mill & Overlay
MR-24	LDFA Concrete Slab Replacement	318,000	-	53,000	53,000	53,000	53,000	53,000	53,000	LDFA - \$53k
MR-30	Automation Alley/SmartZone Ped. Crossing	550,000	550,000	550,000	-	-	-	-	-	
MR-31	South Boulevard, Livernois to Rochester	3,500,000	1,009,000	393,000	-	-	-	-	-	
MR-32	Livernois at South Boulevard	1,000,000	100,000	50,000	-	-	-	-	-	
MR-40	Road Patcher/Recycler	30,000	30,000	30,000	-	-	-	-	-	By DPW
MR-41	Streets Cold Storage Building Improvements	200,000	200,000	-	200,000	-	-	-	-	By DPW
MR-45	I-75 Widening	1,000,000,000	9,000,000	600,000	-	-	-	-	-	2016/2020/2022/2024 - 12.5% of State 20%
MR-46	Tri-Party	3,860,000	1,200,000	860,000	600,000	600,000	600,000	600,000	600,000	1/3 City - 1/3 County - 1/3 Board
MR-48	Crack Sealing Program	600,000	600,000	100,000	100,000	100,000	100,000	100,000	100,000	By Engineering

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
				2016/2017	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022	
MR-49	Industrial Road Maintenance	6,000,000	6,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	Various Locations
MR-50	Slab Replacement - Major Roads	600,000	600,000	100,000	100,000	100,000	100,000	100,000	100,000	By DPW
TOTAL:		1,082,848,000	32,808,000	5,736,000	7,603,000	4,853,000	4,153,000	2,853,000	3,103,000	
Revenue (Federal Funds):				360,000	2,000,000	2,000,000	-	-	-	
Revenue (Tri-Party):				656,400	400,000	400,000	400,000	400,000	400,000	
Revenue (LDFA):				53,000	53,000	53,000	53,000	53,000	53,000	

6 Year Capital Improvement Plan Major Roads Fund

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

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

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

- ◆ Reconstruction and Widening
- ◆ Maintenance

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

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

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

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

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

Federal funds for the design and right-of-way phases have been obligated and are available. Federal funds for the construction phase are anticipated in 2016, 2017 and 2018. The local match will be split between the Cities of Troy, Rochester Hills, Sterling Heights, Shelby Township and the Road Commissions of Oakland County and Macomb County. Operation and maintenance costs will not be impacted as the road is under the jurisdiction of the Road Commission for Oakland County.

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

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

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

Federal funds for the design and right-of-way phases have been obligated and are available. Construction is approved for funding in 2017. Operation and maintenance costs will not be impacted as the road is under the jurisdiction of the Road Commission for Oakland County.

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

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

Federal funds for the design and right-of-way phases have been obligated and are available. Federal funds for the construction phase have been approved in 2017. Operation and maintenance costs will not be impacted as the road is under the jurisdiction of the Road Commission for Oakland County.

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 2017 and 2019 respectively. Operation and maintenance costs are expected to increase by \$8,600 per year due to additional lanes being constructed.

MR-12. Wattles Road, Rochester Road to John R 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. Operation and maintenance costs will decrease by \$8,600 per year due to rehabilitation of pavement.

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

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

MR-14. Square Lake Road, Crooks Road to Livernois 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. Operation and maintenance costs will decrease by \$8,600 per year due to rehabilitation of pavement.

**6 Year Capital Improvement Plan
Major Roads Fund*****MR-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. Operation and maintenance costs will decrease by \$8,600 per year due to rehabilitation of pavement.

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. Operation and maintenance costs will decrease by \$8,600 per year due to rehabilitation of pavement.

MR-21. Wattles 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. Operation and maintenance costs will decrease by \$8,600 per year due to rehabilitation of pavement.

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

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

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. Operation and maintenance costs will decrease by \$8,600 per year due to rehabilitation of pavement.

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

This work involves removal and replacement of failed concrete pavement to repair and extend the life of the pavement. Funds are budgeted by the Local Development Finance Authority (LDFA) to repair concrete pavement along Big Beaver and Bellingham. This project will be paid for entirely by LDFA funds. Operation and maintenance costs are expected to decrease by \$8,600 per year per mile of concrete slabs replaced.

**6 Year Capital Improvement Plan
Major Roads Fund*****MR-30. Automation Alley/SmartZone Pedestrian Crossing (Move Across Troy)***

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

MR-31. South Boulevard, Livernois to Rochester (Mill and Overlay and Intersection Reconstruction)

This project will reconstruct the intersection of South Boulevard and Rochester Road with concrete, upgrade the traffic signal, mill (grind off) a portion of the South Boulevard pavement and overlay it with asphalt, between Livernois and Rochester. The project cost is split between the RCOC, City of Troy and City of Rochester Hills. Operation and maintenance costs will not be impacted as the roads are under the jurisdiction of the Road Commission for Oakland County.

MR-32. Livernois at South Boulevard (Right Turn Lanes and Traffic Signal Upgrade)

This project is under the jurisdiction of the Road Commission for Oakland County (RCOC). The intersection will be reconstructed, a new traffic signal installed and right turn lanes constructed on northbound and southbound Livernois and westbound South Boulevard. The project is funded with \$700,000 in federal funds. The local match is split evenly between the RCOC, City of Troy and City of Rochester Hills. Operation and maintenance costs will not be impacted as the roads are under the jurisdiction of the Road Commission for Oakland County.

MR-40. Road Patcher/Recycler

The Department of Public works is responsible for ongoing pavement maintenance. One of the existing road patchers has reached the end of its useful life and requires replacement. A road patcher is a large piece of equipment that is used to provide temporary road repairs with cold patch material during the colder months.

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-45. I-75 Widening and Reconstruction

The Michigan Department of Transportation (MDOT) is moving forward with a project to reconstruct and widen I-75, in Oakland County, from M-102 in Hazel Park to south of M-59 in Auburn Hills. The project will provide for four (4) lanes of travel in each direction. One (1) lane will provide for a High Occupancy Vehicle (HOV) lane. This will be the first use of an HOV lane in Michigan. Through Troy, widening will occur in what is currently the median area between the northbound and southbound lanes. This median area will be filled in and a barrier wall constructed. The project will also reconstruct all of the bridges in the corridor. This is a multi-year project and the first phase of the project will begin in 2016. Phase 1 starts just north of Coolidge Road in Troy and continues to just north of South Boulevard in Auburn Hills. Troy will be required to provide a share of the project for work within the Troy boundaries, based on our Act 51 participating share of 12.5%. The remainder of the local match will be provided by MDOT. It is estimated that Troy's share of the total project will be approximately \$9,000,000.

**6 Year Capital Improvement Plan
Major Roads Fund*****MR-46. Tri-Party Concrete Pavement Replacement***

Tri-Party program funds are made available on an annual basis for projects on County roads within the city. 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-48. Major Roads (Crack Sealing Program)

This work involves cleaning and sealing existing pavement joints to extend the life of the pavement. An annual allocation is budgeted to complete this work and is targeted at major roads. Locations are determined by the Engineering Department and are not specifically delineated on the map. These projects will be paid for entirely by City funds. Operation and maintenance costs are expected to decrease slightly.

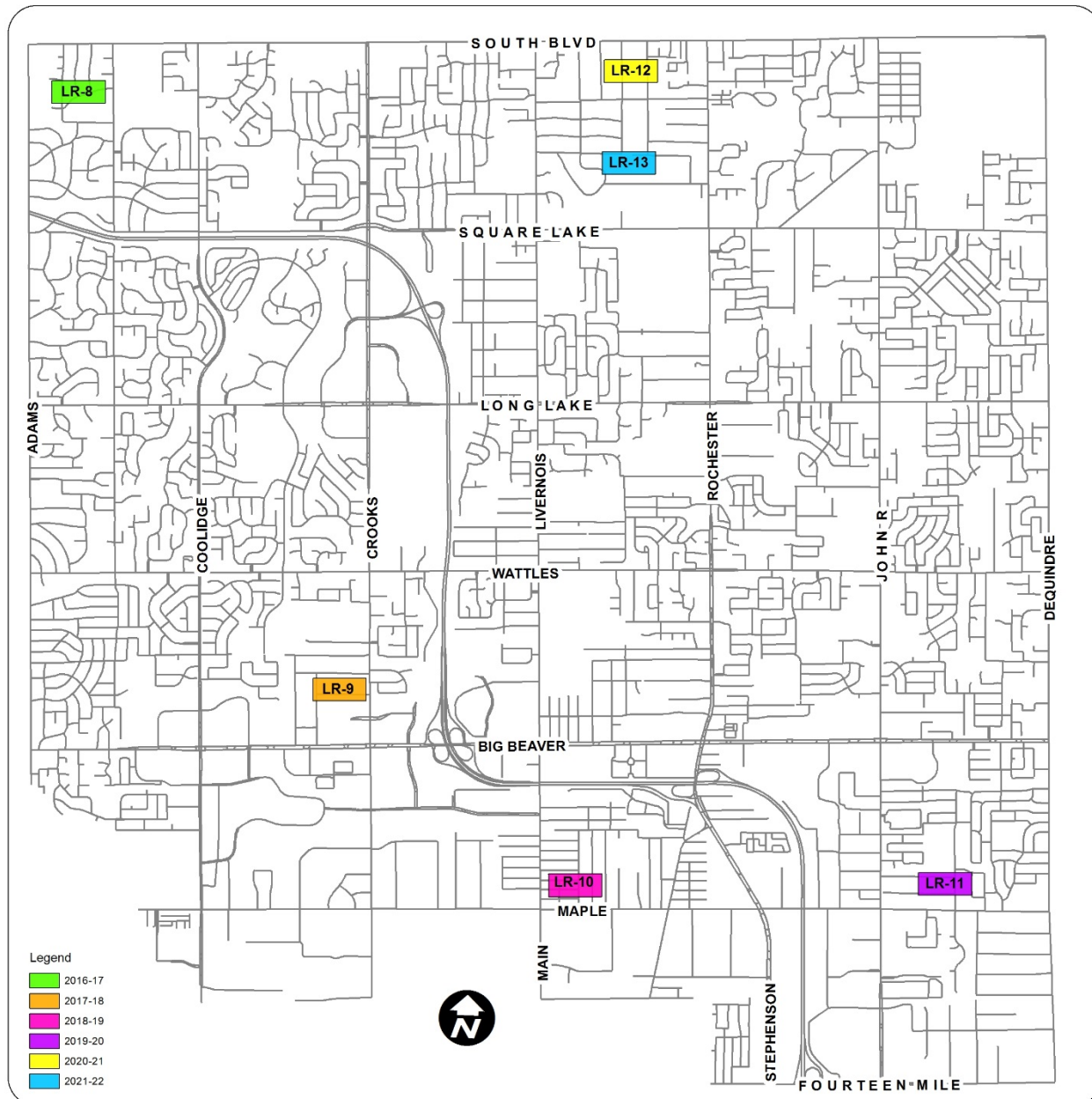
MR-49. Industrial Road Maintenance

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. Operation and maintenance costs are expected to decrease by \$8,600 per year per mile.

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. Operation and maintenance costs are expected to decrease by \$8,600 per year per mile of concrete slabs replaced.

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
				2016/2017	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022	
LR-1	Concrete Slab Replacement	2,500,000	2,500,000	2,500,000	-	-	-	-	-	By DPW
LR-2	Concrete Slab Replacement	2,500,000	2,500,000	-	2,500,000	-	-	-	-	By DPW
LR-3	Concrete Slab Replacement	2,500,000	2,500,000	-	-	2,500,000	-	-	-	By DPW
LR-4	Concrete Slab Replacement	2,500,000	2,500,000	-	-	-	2,500,000	-	-	By DPW
LR-5	Concrete Slab Replacement	2,500,000	2,500,000	-	-	-	-	2,500,000	-	By DPW
LR-6	Concrete Slab Replacement	2,500,000	2,500,000	-	-	-	-	-	2,500,000	By DPW
LR-8	Asphalt Pavement Overlay - Section 6 NW 1/4	525,000	525,000	525,000	-	-	-	-	-	By Engineering
LR-9	Asphalt Pavement Overlay - Section 20 SE 1/4	650,000	650,000	-	650,000	-	-	-	-	By Engineering
LR-10	Asphalt Pavement Overlay - Section 27 SW 1/4	650,000	650,000	-	-	650,000	-	-	-	By Engineering
LR-11	Asphalt Pavement Overlay - Section 25	750,000	750,000	-	-	-	750,000	-	-	By Engineering
LR-12	Asphalt Pavement Overlay - Section 3 N 1/2	900,000	900,000	-	-	-	-	900,000	-	By Engineering
LR-13	Asphalt Pavement Overlay - Section 3 S 1/2	900,000	900,000	-	-	-	-	-	900,000	By Engineering
LR-50	Crack Sealing	300,000	300,000	50,000	50,000	50,000	50,000	50,000	50,000	By Engineering
TOTALS:		19,675,000	19,675,000	3,075,000	3,200,000	3,200,000	3,300,000	3,450,000	3,450,000	

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. Crack sealing locations vary and are not identified on the map as this work is a rolling operation with minimal startup and construction time in any one area.

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.

6 Year Capital Improvement Plan Local Roads

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. Operation and maintenance costs are expected to decrease by \$2,000 per mile of local roads maintained.

LR-8. Asphalt Pavement Overlay (Section 6 NW 1/4)

The local roads in the Lake Charnwood area (Limerick, Killarney, Dublin Fair, Erin Way, Galloway Bay, Donegal, Lake Charnwood, Clock Gate and Meath Hunt Circle) will be targeted for asphalt pavement overlays. It is anticipated that the project may include milling (grinding) of the existing pavement or pulverizing (crushing the existing pavement into a base material) and then placing a 1.5" to 3" asphalt overlay. This project will be paid for entirely by City funds. Operation and maintenance costs are expected to decrease by \$2,000 per mile of local roads maintained.

LR-9. Asphalt Pavement Overlay (Section 20 SE 1/4)

Residential streets in the southeast quadrant of Section 20 (McManus, Boulon, Muer, Banmoor, Alpine and McClure) will be targeted for asphalt pavement overlays. 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. Operation and maintenance costs are expected to decrease by \$2,000 per mile of local roads maintained.

LR-10. Asphalt Pavement Overlay (Section 27 SW 1/4)

Residential streets in the southwest quadrant of Section 27 (Algansee, Larchwood, Arthur, Woodslee, Vermont, Birchwood, Chopin and Mastin) will be targeted for asphalt pavement overlays. 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. Operation and maintenance costs are expected to decrease by \$2,000 per mile of local roads maintained.

LR-11. Asphalt Pavement Overlay (Section 25)

Residential streets in Section 25 (Virginia, Vermont, Milverton, Castleton, Isabell and Garry) will be targeted for asphalt pavement overlays. 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. Operation and maintenance costs are expected to decrease by \$2,000 per mile of local roads maintained.

LR-12. Asphalt Pavement Overlay (Section 3 N 1/2)

Residential streets in the north half of Section 3 (East Lovell, Marengo, Deetta, Hannah, Norton, Montclair, Westaway and Donaldson) will be targeted for asphalt pavement overlays. 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. Operation and maintenance costs are expected to decrease by \$2,000 per mile of local roads maintained.

6 Year Capital Improvement Plan Local Roads

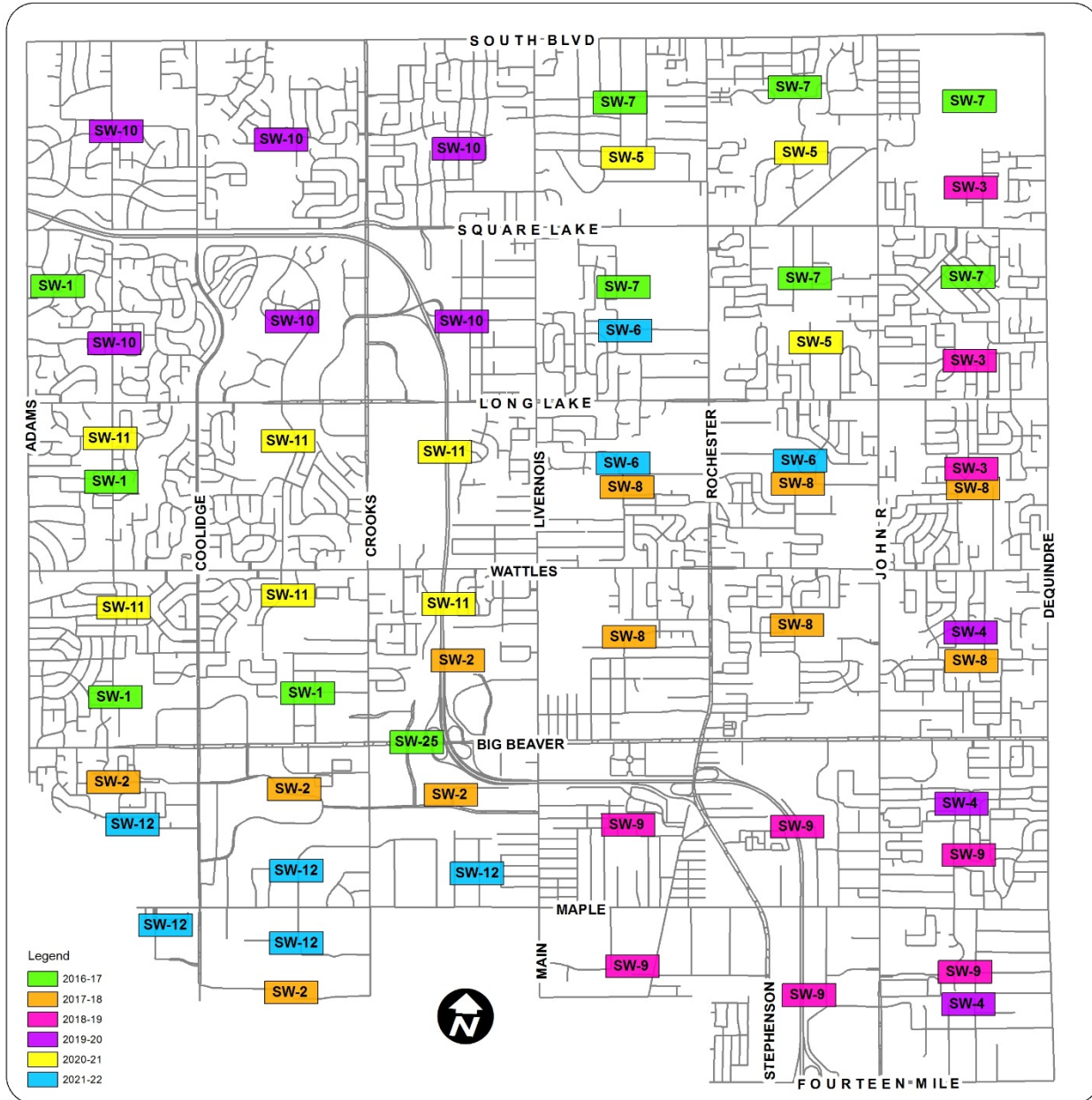
LR-13. Asphalt Pavement Overlay (Section 3 S 1/2)

Residential streets in the south half of Section 3 (Lesdale, Hurst, Booth, Ottawa, Donaldson and Montclair) will be targeted for asphalt pavement overlays. 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. Operation and maintenance costs are expected to decrease by \$2,000 per mile of local roads maintained.

LR-50. Crack Sealing (City-wide)

Funds are budgeted annually for crack sealing throughout the city. Project areas are identified by DPW during field reviews and are not specifically identified on the maps. These areas are compiled to create an annual crack sealing contract which is then put out for bid and the work completed by a contractor. This project will be paid for entirely by City funds. Operation and maintenance costs are expected to decrease by \$2,000 per mile of local roads maintained.

6 Year Capital Improvement Plan Sidewalks



6 Year Capital Improvement Plan Sidewalks

300

6 Year CIP - Sidewalks										
Map Number	Project Name	Total Project Cost	Total City Cost	Proposed						Comments
				2016/2017	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022	
SW-1	Residential - Section 7 (west of Beach), 18, 19 and 20	350,000	210,000	350,000	-	-	-	-	-	By DPW
SW-2	Residential - Section 21 (west of I75), 29, 30 and 32	350,000	210,000	-	350,000	-	-	-	-	By DPW
SW-3	Residential - Section 1, 12 and 13	350,000	210,000	-	-	350,000	-	-	-	By DPW
SW-4	Residential - Section 24, 25 and 36	350,000	210,000	-	-	-	350,000	-	-	By DPW
SW-5	Residential - Section 2, 3 and 11	350,000	210,000	-	-	-	-	350,000	-	By DPW
SW-6	Residential - Section 10, 14 and 15	350,000	210,000	-	-	-	-	-	350,000	By DPW
SW-7	Major Roads - Section 1, 2, 3, 10, 11 and 12	100,000	100,000	100,000	-	-	-	-	-	By DPW
SW-8	Major Roads - Section 13, 14, 15, 22, 23 and 24	100,000	100,000	-	100,000	-	-	-	-	By DPW
SW-9	Major Roads - Section 25, 26, 27, 34, 35 and 36	100,000	100,000	-	-	100,000	-	-	-	By DPW
SW-10	Major Roads - Section 4, 5, 6, 7, 8 and 9	100,000	100,000	-	-	-	100,000	-	-	By DPW
SW-11	Major Roads - Section 16, 17, 18, 19, 20 and 21	100,000	100,000	-	-	-	-	100,000	-	By DPW
SW-12	Major Roads - Section 28, 29, 30, 31 and 32	100,000	100,000	-	-	-	-	-	100,000	By DPW
SW-13	New Construction	300,000	300,000	50,000	50,000	50,000	50,000	50,000	50,000	By DPW
SW-25	Sidewalk Ramps at Wilshire and Troy Center	76,000	-	76,000	100,000	100,000	-	-	-	BY DPW - CDBG Funds - \$76k
TOTALS:		3,076,000	2,160,000	576,000	600,000	600,000	500,000	500,000	500,000	
Revenue (Sidewalk Replacement Program):				140,000	140,000	140,000	140,000	140,000	140,000	Paid by Resident for Sidewalk Repairs (40%)
Revenue (CDBG):				76,000	-	-	-	-	-	CDBG

6 Year Capital Improvement Plan Sidewalks

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

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

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

SW-1. Residential Sidewalk Replacements (Section 7, west of Beach, 18, 19 and 20)

This project will be paid for entirely by City funds, with reimbursement by property owners. Operation and maintenance costs are expected to decrease by \$275 per mile of sidewalk replaced.

SW-2. Residential Sidewalk Replacements (Section 21, west of I-75, 28, 29, 30 and 32)

This project will be paid for entirely by City funds, with reimbursement by property owners. Operation and maintenance costs are expected to decrease by \$275 per mile of sidewalk replaced.

SW-3. Residential Sidewalk Replacements (Section 1, 12 and 13)

This project will be paid for entirely by City funds, with reimbursement by property owners. Operation and maintenance costs are expected to decrease by \$275 per mile of sidewalk replaced.

SW-4. Residential Sidewalk Replacements (Section 24, 25 and 36)

This project will be paid for entirely by City funds, with reimbursement by property owners. Operation and maintenance costs are expected to decrease by \$275 per mile of sidewalk replaced.

SW-5. Residential Sidewalk Replacements (Section 2, 3 and 11)

This project will be paid for entirely by City funds, with reimbursement by property owners. Operation and maintenance costs are expected to decrease by \$275 per mile of sidewalk replaced.

SW-6. Residential Sidewalk Replacements (Section 10, 14 and 15)

This project will be paid for entirely by City funds, with reimbursement by property owners. Operation and maintenance costs are expected to decrease by \$275 per mile of sidewalk replaced.

**6 Year Capital Improvement Plan
Sidewalks*****SW-7. Major Road Sidewalk Replacements (Section 1, 2, 3, 10, 11 and 12)***

This project will be paid for entirely by City funds. Operation and maintenance costs are expected to decrease by \$275 per mile of sidewalk replaced.

SW-8. Major Road Sidewalk Replacements (Section 13, 14, 15, 22, 23 and 24)

This project will be paid for entirely by City funds. Operation and maintenance costs are expected to decrease by \$275 per mile of sidewalk replaced.

SW-9. Major Road Sidewalk Replacements (Section 25, 26, 27, 34, 35 and 36)

This project will be paid for entirely by City funds. Operation and maintenance costs are expected to decrease by \$275 per mile of sidewalk replaced.

SW-10. Major Road Sidewalk Replacements (Section 4, 5, 6, 7, 8 and 9)

This project will be paid for entirely by City funds. Operation and maintenance costs are expected to decrease by \$275 per mile of sidewalk replaced.

SW-11. Major Road Sidewalk Replacements (Section 16, 17, 18, 19, 20 and 21)

This project will be paid for entirely by City funds. Operation and maintenance costs are expected to decrease by \$275 per mile of sidewalk replaced.

SW-12. Major Road Sidewalk Replacements (Section 28, 29, 30, 31 and 32)

This project will be paid for entirely by City funds. Operation and maintenance costs are expected to decrease by \$275 per mile of sidewalk replaced.

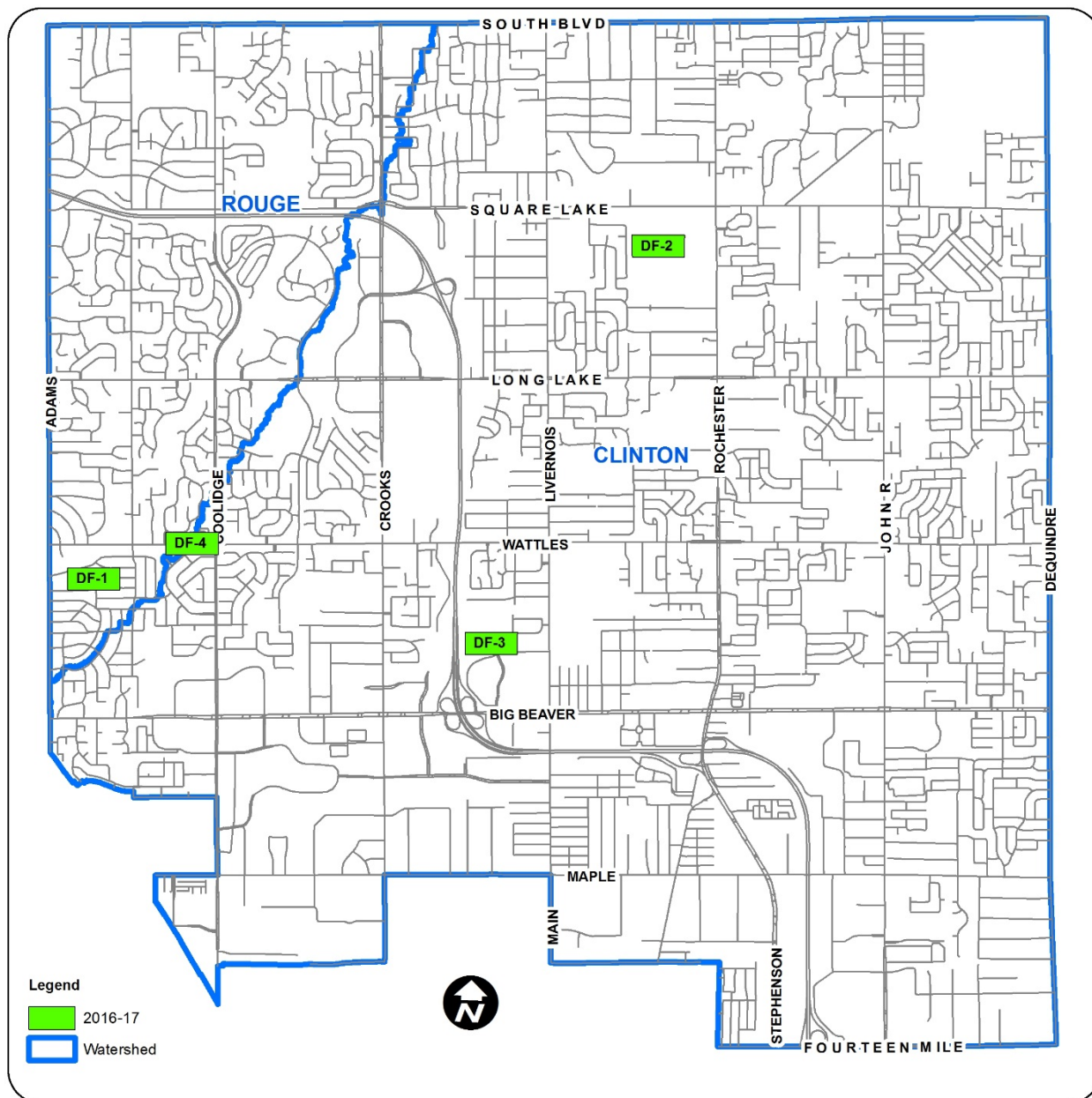
SW-13. New Construction (City-wide)

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. Operation and maintenance costs are expected to decrease by \$275 per mile of sidewalk replaced.

SW-25. Sidewalk Ramps at Wilshire and Troy Center

The existing sidewalk ramps at Wilshire and Troy Center will be removed and replaced with new Americans with Disabilities Act (ADA) compliant concrete sidewalk ramps with truncated domes. Community Development Block Grant (CDBG) funds in the amount of \$76,000 have been programmed to reimburse the city for this work.

6 Year Capital Improvement Plan Drain Fund



6 Year Capital Improvement Plan
Drain Fund

304

6 Year CIP - Drains										
Map Number	Project Name	Total Project Cost	Total City Cost	Proposed						Comments
				2016/2017	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022	
DF-1	SAW Grant - Storm Sewer	1,222,000	222,000	327,000	-	-	-	-	-	SAW Grant - \$245.25k
DF-2	Sylvan Glen Phase 2	1,140,000	640,000	140,000	-	-	-	-	-	EPA Grant - \$500k
DF-3	Lane Drain Phase 2	400,000	100,000	400,000	-	-	-	-	-	MDEQ Grant - \$300k
DF-4	Wattles over the Rouge	250,000	250,000	250,000	-	-	-	-	-	
TOTALS:		3,012,000	1,212,000	1,117,000	-	-	-	-	-	
Revenue (State Funds):				545,250	-	-	-	-	-	

6 Year Capital Improvement Plan

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

Rouge River Watershed

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

Clinton River Watershed

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

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

These regulations state 6 minimum measures that municipalities must address:

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

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

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

DF-1. SAW Grant (Storm Sewer)

Stormwater, Asset Management and Wastewater (SAW) grants were established for asset management plan development, stormwater plan development, sewage collection and treatment plan development and state funded loans to construct projects identified in the asset management plans. Grants have a \$2M cap per community. The first \$1M has a 10% local match; the 2nd \$1M has a 25% local match. Funds are awarded to grant and loan recipients on a first come, first served basis. Grant recipients must proceed with a project for which grant funding is provided within 3 years of grant award or face repayment of the grant plus interest. The city was successful in receiving a SAW grant of \$1,999,925 to be split between the Drains Fund and Sewer Fund. SAW grant projects in the drains fund are proposed to collect city-wide storm sewer inverts and to identify, investigate and repair deficient storm sewer locations in Section 19.

**6 Year Capital Improvement Plan
Drain Fund*****DF-2. Sylvan Glen Phase 2 (Streambank Stabilization)***

Sylvan Glen Phase 2 is a continuation of work done at the golf course along the Gibson-Renshaw Drain that runs through the golf course. The project will restore connectivity and long-term stability, reduce erosion, downstream sediment loading and slope failures, repair storm sewer outlets and remove an existing culvert and bridge to provide ecological benefits. Troy received a \$500,000 grant from the EPA to pay for approximately 45% of the project.

DF-3. Lane Drain Phase 2 (Streambank Stabilization)

This project will be completed on an approximately 650 foot reach immediately downstream of the project completed in 2014 with NOAA funding which removed dams, created a two-stage channel, stabilized streambanks, and replaced culverts and immediately upstream of the project completed by the City which created floodplain benches and stabilized 500 feet of streambanks. This unrestored reach of the Lane Drain has continuous bank and bed erosion. Completion of this project will prevent excessive sediment loading, restore hydrologic stability, and improve aquatic habitat. For this project, the approximately 650 foot reach will be restored and a floodplain bench excavated at the bankfull elevation to create a two-stage channel transitioning between the two previous projects. Moderate meanders will be created to reduce channel slope and prevent future erosive activity. The banks will be stabilized through re-vegetation with native grasses, forbs, shrubs, and trees to create riparian wet meadow and riparian buffers. Troy has submitted a grant application for \$300,000 in funding for this \$400,000 project. If the grant is approved, the project would move forward. If we are not successful in receiving grant funds, the project will be removed from the budget.

DF-4. Wattles over the Rouge (Structure Rehabilitation)

The existing dual 12'-10" x 8'-4" multi-plate arch CMP culverts under Wattles Road at the Rouge were installed in 1967 and extended in 1983 to provide additional clearance from the edge of roadway. A structural evaluation was performed as a follow-up to the biennial bridge inspections completed in 2015 where it was noted that these culverts were found to be severely deteriorated along the culvert bottoms. The structural investigation confirmed the severity of the deterioration and load rating was recommended as a temporary measure until immediate culvert repair or replacement could take place. Several options were considered and discussed with the MDEQ, as a permit is required for any work in the Rouge River. The most cost effective solution determined was a structural lining system called GeoKrete (geopolymer lining). This product has a 50-year design life, can be completed in about one (1) month and with minimal disruption to the road or the Rouge River.



WE BELIEVE IN DOING
GOVERNMENT THE BEST



ENTERPRISE FUNDS

GOLF COURSES

Recreation Director | Elaine S. Bo

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

DEPARTMENT FUNCTION

Administration

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

Golf Division

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

PERFORMANCE INDICATORS

Performance Indicators	2013/14 Actual	2014/15 Actual	2015/16 Projected	2016/17 Budget
Sylvan Glen Rounds	37,737	42,887	44,036	43,011
Sanctuary Lake Rounds	30,283	31,840	33,079	34,815

Notes on Performance Indicators

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

Golf Course Summaries

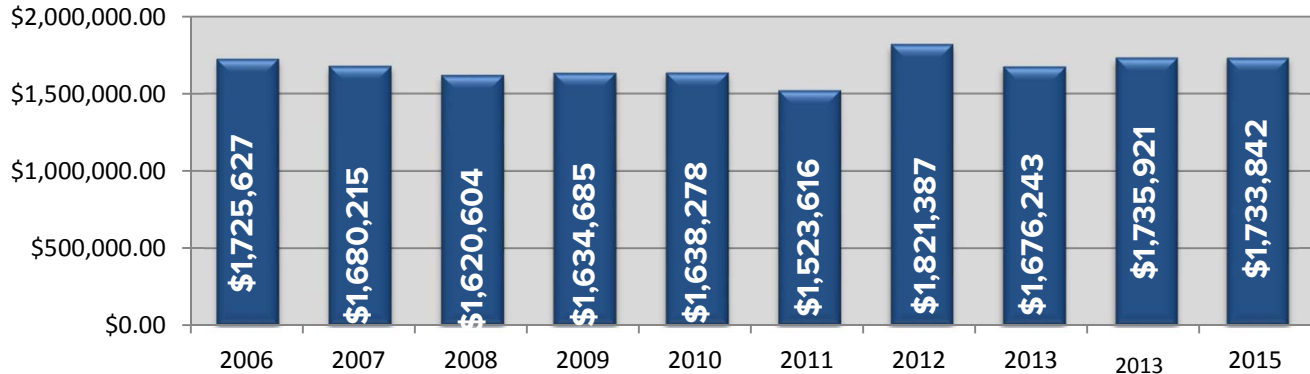
SUMMARY OF BUDGET CHANGES

- Significant Notes - 2016/17 Budget Compared to 2014/15 Budget

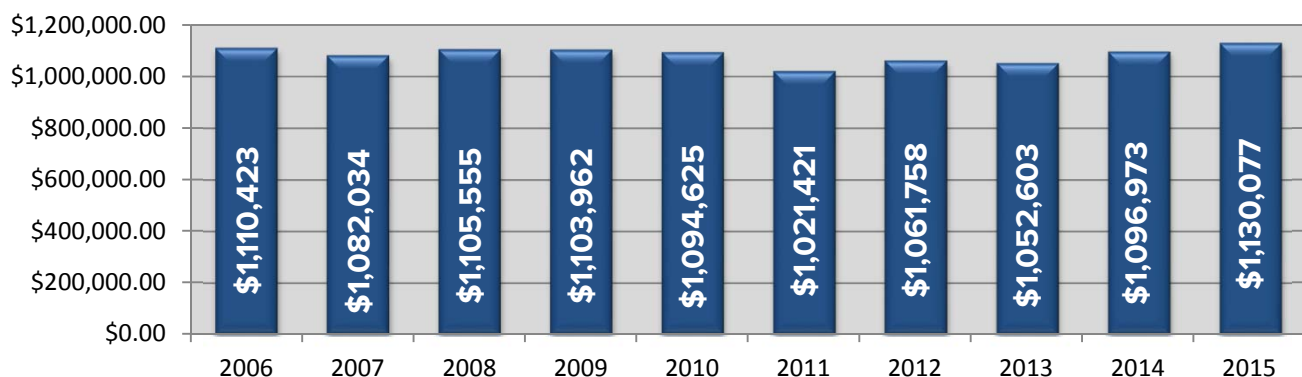
Personnel								
Summary	2014 Budget		2015 Budget		2016 Budget		2017 Budget	
	Full-Time	Part-Time	Full-Time	Part-Time	Full-Time	Part-Time	Full-Time	Part-Time
Greens	0	0	0	0	0	0	0	0
Pro Shop	0	0	0	0	0	0	0	0
Total Department	*0	*0	*0	*0	*0	*0	*0	*0
<i>* Billy Casper Golf</i>								

EXPENSE HISTORY

- Expense History - Sanctuary Lake Golf Course



- Expense Budget History - Sylvan Glen Golf Course



**Enterprise Funds
Recreation and Culture**

Sanctuary Lake Golf Course

	2014 Actual Amount	2015 Actual Amount	2016 Estimated Amount	2016 Amended Budget	2017 Proposed	% Change	2018 Proposed	2019 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	\$ 1,335,432	\$ 1,375,137	\$ 1,625,260	\$ 1,399,810	\$ 1,528,120	9.17%	\$ 1,566,820	\$ 1,618,110
Interest and rents	-	-	-	-	-	0.00%	-	-
Total Revenues	1,335,432	1,375,137	1,625,260	1,399,810	1,528,120	9.17%	1,566,820	1,618,110
<u>EXPENSE</u>								
Business Unit: 765 Billy Casper Operations								
Expenditures for Operations								
583.765.00.765								
PERSONAL SERVICES	463,038	459,641	518,650	492,330	659,340	33.92%	669,480	679,750
SUPPLIES	471,697	476,488	492,010	451,200	475,720	5.43%	486,230	495,650
OTHER SERVICE CHARGES	163,512	185,691	163,300	166,150	176,660	6.33%	180,450	180,970
Total Billy Casper Operations	1,098,247	1,121,820	1,173,960	1,109,680	1,311,720	18.21%	1,336,160	1,356,370
Business Unit: 766 City Expenses								
Expenditures for Operations								
583.766.00.766								
PERSONAL SERVICES	981	3,053	1,860	-	-	0.00%	30	30
SUPPLIES	12,773	4,171	2,000	2,000	2,000	0.00%	2,000	2,000
OTHER SERVICE CHARGES	(35,914)	(9,578)	16,210	12,500	16,210	29.68%	16,210	16,210
Total City Expenses	(22,161)	(2,354)	20,070	14,500	18,210	25.59%	18,240	18,240
Total Operating Expenses	1,076,087	1,119,466	1,194,030	1,124,180	1,329,930	18.30%	1,354,400	1,374,610

**Enterprise Funds
Recreation and Culture**

Sanctuary Lake Golf Course

	2014 Actual Amount	2015 Actual Amount	2016 Estimated Amount	2016 Amended Budget	2017 Proposed	% Change	2018 Proposed	2019 Proposed
Total Income from Operations Before Dep/Cap	259,345	255,671	431,230	275,630	198,190	-28.10%	212,420	243,500
Capital/Depreciation Expense								
583.768.00.768								
Depreciation	331,580	315,690	-	-	-	0.00%	-	-
Capital Expenditures	-	-	145,200	150,000	50,000	-66.67%	50,000	-
Total Capital/Depreciation Expense	331,580	315,690	145,200	150,000	50,000	-66.67%	50,000	-
Income from Operations	(72,235)	(60,019)	286,030	125,630	148,190	17.96%	162,420	243,500
<u>OTHER FINANCING SOURCES (USES)</u>								
Debt Service								
583.766.00.766								
Debt Service	(328,254)	(298,686)	(879,640)	(886,390)	(855,280)	-3.51%	(831,300)	(909,600)
Gain on Sale of Capital Assets	3,900	-	-	-	-	0.00%	-	-
Total Income (Loss)	(396,589)	(358,705)	(593,610)	(760,760)	(707,090)	-7.05%	(668,880)	(666,100)
Beginning Net Position	(5,337,513)	(5,734,102)	(6,092,807)	(6,092,807)	(6,686,417)	9.74%	(7,393,507)	(8,062,387)
Ending Net Position	\$ (5,734,102)	\$ (6,092,807)	\$ (6,686,417)	\$ (6,853,567)	\$ (7,393,507)	7.88%	\$ (8,062,387)	\$ (8,728,487)

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

	2014 Actual Amount	2015 Actual Amount	2016 Estimated Amount	2016 Amended Budget	2017 Proposed	% Change	2018 Proposed	2019 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	\$ 826,507	\$ 980,168	\$ 1,053,870	\$ 1,060,300	\$ 1,012,920	-4.47%	\$ 1,029,040	\$ 1,045,420
Interest and rents	162,700	150,192	159,400	163,400	159,400	-2.45%	159,400	159,400
Total Revenues	989,207	1,130,360	1,213,270	1,223,700	1,172,320	-4.20%	1,188,440	1,204,820
<u>EXPENSE</u>								
Business Unit: 785 Billy Casper Operations								
Expenditures for Operations								
584.785.00.785								
PERSONAL SERVICES	483,771	541,074	567,010	549,570	484,760	-11.79%	492,470	500,300
SUPPLIES	313,630	277,894	298,240	287,920	292,180	1.48%	296,570	301,040
OTHER SERVICE CHARGES	160,125	159,995	159,610	168,360	170,930	1.53%	171,890	172,220
Total Billy Casper Operations	957,526	978,963	1,024,860	1,005,850	947,870	-5.76%	960,930	973,560
Business Unit: 786 City Expenses								
Expenditures for Operations								
584.786.00.786								
PERSONAL SERVICES	(10,006)	4,449	3,470	-	-	0.00%	-	-
SUPPLIES	648	10,991	-	-	-	0.00%	-	-
OTHER SERVICE CHARGES	(2,541)	5,072	41,310	37,600	41,410	10.13%	41,510	41,510
Total City Expenses	(11,899)	20,511	44,780	37,600	41,410	10.13%	41,510	41,510
Total Operating Expenses	945,627	999,475	1,069,640	1,043,450	989,280	-5.19%	1,002,440	1,015,070
Total Income from Operations Before Dep/Cap	43,580	130,885	143,630	180,250	183,040	1.55%	186,000	189,750

**Enterprise Funds
Recreation and Culture**

Sylvan Glen Golf Course

	2014 Actual Amount	2015 Actual Amount	2016 Estimated Amount	2016 Amended Budget	2017 Proposed	% Change	2018 Proposed	2019 Proposed
Capital/Depreciation Expense								
584.788.00.788								
Depreciation	145,228	125,887	-	-	-	0.00%	-	-
Capital Expenditures	-	-	58,780	68,000	139,000	104.41%	-	46,720
Total Capital/Depreciation Expense	145,228	125,887	58,780	68,000	139,000	104.41%	-	46,720
Income from Operations	(101,648)	4,999	84,850	112,250	44,040	-60.77%	186,000	143,030
<u>OTHER FINANCING SOURCES (USES)</u>								
Debt Service								
584.786.00.786								
Debt Service	(6,118)	(4,715)	-	(6,500)	(6,500)	0.00%	(6,500)	(6,500)
Gain on Sale of Capital Assets	6,600	-	10,450	-	-	0.00%	-	-
Total Income (Loss)	(101,166)	283	95,300	105,750	37,540	-64.50%	179,500	136,530
Beginning Net Position	5,666,853	5,565,687	5,565,970	5,565,970	5,661,270	1.71%	5,698,810	5,878,310
Ending Net Position	\$ 5,565,687	\$ 5,565,970	\$ 5,661,270	\$ 5,671,720	\$ 5,698,810	0.48%	\$ 5,878,310	\$ 6,014,840

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	2013/14 Actual	2014/15 Actual	2015/16 Projected	2016/17 Budget
Aquatic Center Admissions	49,066	36,021	45,725	46,200
Season Pass Attendance	15,362	18,185	17,200	17,900
Swim Lesson Registrations	1,061	1,021	1,100	1,210
Residents Daily Visits	12,407	9,556	11,500	11,800
Non-Resident Daily Visits	11,633	8,104	10,230	10,750

Notes on Performance Indicators

- None

Aquatics

SUMMARY OF BUDGET CHANGES

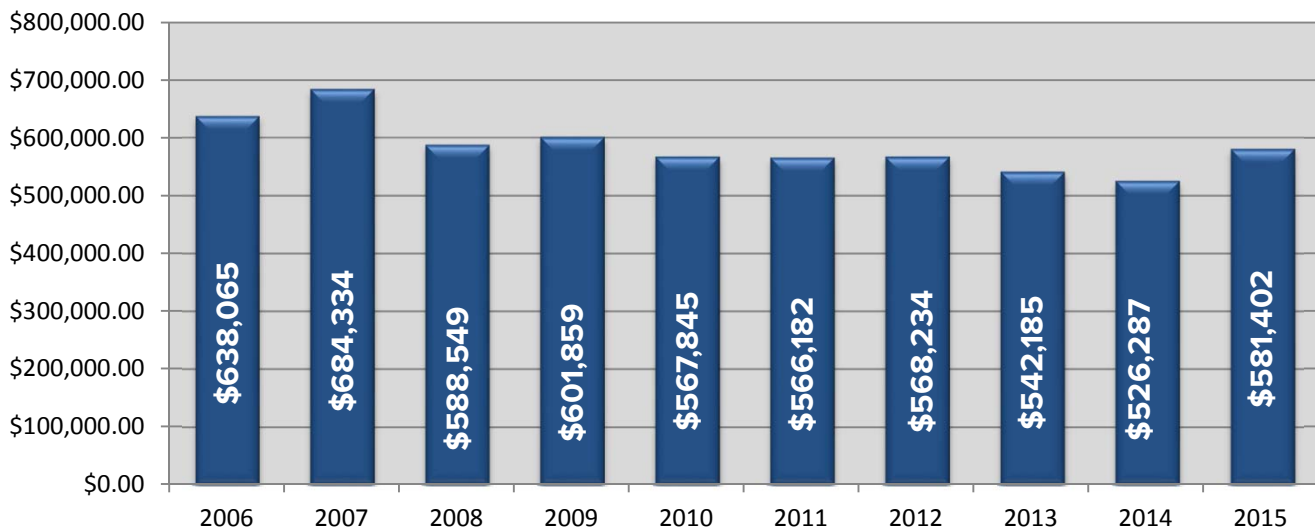
- Significant Notes - 2016/17 Budget Compared to 2015/16 Budget**

Addition of two part-time positions for concession stand services. In prior years, concession was contracted to a service provider.

Personnel								
Summary	2014 Budget		2015 Budget		2016 Budget		2017 Budget	
	Full-Time	Part-Time	Full-Time	Part-Time	Full-Time	Part-Time	Full-Time	Part-Time
Aquatic Center	0	11.4	0	10.6	0	11.4	0	13.5
Total Department	0	11.4	0	10.6	0	11.4	0	13.5

PERFORMANCE INDICATORS

- Expense History**



**Enterprise Funds
Recreation and Culture**

Aquatic Center

	2014 Actual Amount	2015 Actual Amount	2016 Estimated Amount	2016 Amended Budget	2017 Proposed	% Change	2018 Proposed	2019 Proposed
Fund: 587 Aquatic Center								
REVENUES								
Department: 000 Revenue								
Business Unit: 587 Aquatic Revenue								
587.000.00.000								
Charges for Services	\$ 476,342	\$ 382,756	\$ 638,000	\$ 555,000	\$ 662,000	19.28%	\$ 664,000	\$ 666,000
Interest and rents	55,948	48,386	38,700	113,700	40,700	-64.20%	40,700	40,700
Other Revenues	1	-	-	100	100	0.00%	100	100
Total Revenues	532,291	431,142	676,700	668,800	702,800	5.08%	704,800	706,800
EXPENSE								
Business Unit: 787 Aquatic Exp								
Expenditures for Operations								
587.787.00.787								
PERSONAL SERVICES	227,659	248,722	298,880	257,420	297,310	15.50%	301,700	306,250
SUPPLIES	46,404	68,219	130,000	67,900	106,100	56.26%	106,100	108,100
OTHER SERVICE CHARGES	92,465	106,158	118,010	115,410	128,180	11.06%	130,950	133,460
Total Operating Expense	366,528	423,099	546,890	440,730	531,590	20.62%	538,750	547,810
Income from Operations (Before Cap/Depr)	165,763	8,043	129,810	228,070	171,210	-24.93%	166,050	158,990
Capital/Depreciation Expense								
587.789.00.789								
Depreciation	159,759	158,303	-	-	-	0.00%	-	-
Capital Expenditures	-	-	248,060	75,000	169,000	125.33%	60,000	110,000
Total Capital/Depreciation Expense	159,759	158,303	248,060	75,000	169,000	125.33%	60,000	110,000
Total Income (Loss)	6,004	(150,260)	(118,250)	153,070	2,210	-98.56%	106,050	48,990
Beginning Net Position	1,216,600	1,222,604	1,072,344	1,072,344	954,094	-11.03%	956,304	1,062,354
Ending Net Position	\$ 1,222,604	\$ 1,072,344	\$ 954,094	\$ 1,225,414	\$ 956,304	-21.96%	\$ 1,062,354	\$ 1,111,344

WATER & SEWER

Public Works Director | Kurt Bovensiepe

Superintendent of Water and Sewer | 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	2013/14 Actual	2014/15 Actual	2015/16 Projected	2016/17 Budget
Service Request Received	4,436	3,246	3,000	3,500
New Water Taps	144	138	145	140
New Water Meter Installations	144	138	145	140
Backflow Compliance Notices	8,497	8,573	12,923	8,500
Repaired Water Main Breaks	29	17	16	20
Valves Turned	3,000	3,200	5,000	5,000
Water Services Re-tapped	contracted	contracted	contracted	contracted
Miss Dig Teletypes	6,275	6,475	6,500	6,300
Hydrants Winterized	5,815	5,925	5,977	6,000
* Water Sample Testing	400	400	450	450
Sanitary Sewers Cleaned (feet)	1,087,059	1,523,797	985,000	1,200,000
Large Meter Exchanges	31	42	60	50
10 Year Meter Exchanges	2,736	2,145	2,100	2,200
Water & Sewer Customers	27,000	27,100	27,200	27,300
Miles of Water Main	520	524	529	534
Water Purchased from Detroit (MCF)	454,794	419,930	458,000	460,000
Miles of Sanitary Sewer	400	405	410	415
Sanitary Sewer Main Blockages	5	4	4	4

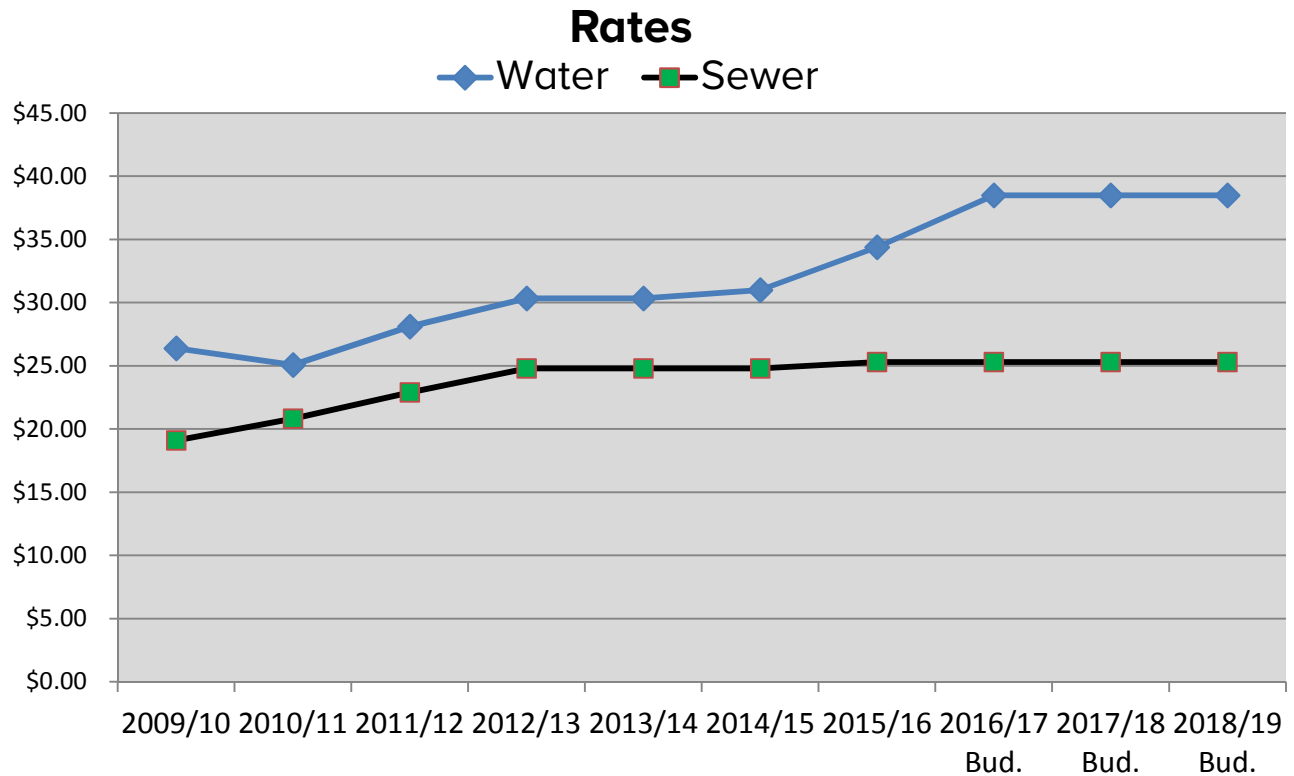
Notes on Performance Indicators

Water sale volumes have decreased significantly over the last few years

Down 16% in 2014 and down an additional 8% in the 2015 fiscal year.

It is anticipated that the normal sales volume is now approximately 460,000 mcf.

Water and Sewer Summary



	2009/10	2010/11	2011/12	2012/13	2013/14	2014/15	2015/16	Budget	Budget	Budget
	Rates	Rates	Rates	Rates	Rates	Rates	Rates	2016/17	2017/18	2018/19
Water	\$26.40	\$25.08	\$28.10	\$30.35	\$30.35	\$31.00	\$34.40	\$38.50	\$38.50	\$38.50
Sewer	\$19.10	\$20.82	\$22.90	\$24.80	\$24.80	\$24.80	\$25.30	\$25.30	\$25.30	\$25.30
Total										
Rate	\$45.50	\$45.90	\$51.00	\$55.15	\$55.15	\$55.80	\$59.70	\$63.80	\$63.80	\$63.80

Rate										
Increase	\$ 1.26	\$ 0.40	\$ 5.10	\$ 4.15	\$ -	\$ 0.65	\$ 3.90	\$ 4.10	\$ -	\$ -
Percent	3.0%	0.9%	11.1%	8.1%	0.0%	1.2%	7.0%	6.9%	0.0%	0.0%

Average Quarterly Consumer Billing based on 3.9 mcf:	\$217.62	\$232.83	\$248.82	\$248.82	\$248.82
Increase Per Quarterly Billing		\$15.21	\$15.99	\$0.00	\$0.00

Water and Sewer Summary

Positions	2014 Budget		2015 Budget		2016 Budget		2017 Budget	
	Full Time	Part Time	Full Time	Part Time	Full Time	Part Time	Full Time	Part Time
Water Division	19.06	1.3	19.06	1.4	20.3	1.4	19.82	1
Total Department	19.06	1.3	19.06	1.4	20.3	1.4	19.82	1

Positions	2014 Budget		2015 Budget		2016 Budget		2017 Budget	
	Full Time	Part Time	Full Time	Part Time	Full Time	Part Time	Full Time	Part Time
Sewer Divisions	16	0	16	0	16	0	16	0
Total Department	16	0	16	0	16	0	16	0

Water and Sewer

SUMMARY OF BUDGET CHANGES

• Significant Notes - 2016/17 Budget Compared to 2015/16

Great Lakes Water Authority (formerly Detroit Water and Sewer Dept. (DWSD)) increased the water cost fixed rate from \$7.2 million to \$7.8 million and increased the variable rate from \$10.76 to \$12.01 per mcf. The combined purchased water cost is estimated at \$13.4 million based on an estimated usage of 460,000 mcf. Sewer costs are 100% fixed for both the G.W. Kuhn and Evergreen-Farmington drains. The total fee for both systems is expected to increase from \$9.4 million to \$9.6 million or \$200 thousand or 2.0%.

Detroit Water & Sewer Department Rate:

Year	Fixed Fee	Variable Rate	Combined Rate	Est. Usage (mcf)
2012/13	3,930,000	\$10.80	\$18.42	516,000
2013/14	4,342,000	\$11.93	\$20.12	530,000
2014/15	4,533,000	\$12.45	\$21.00	530,000
2015/16	7,232,000	\$10.76	\$26.90	448,000
2016/17	7,836,000	\$12.01	\$29.04	460,000

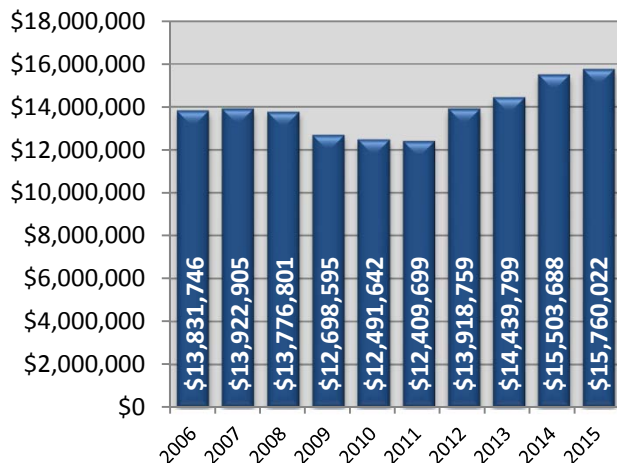
G.W. Kuhn Sewerage Rate:

Year	Fixed Fee	Variable Rate	Combined Rate	Est. Usage (mcf)
2012/13	619,000	\$15.06	\$16.07	464,400
2013/14	602,500	\$15.80	\$16.94	477,000
2014/15	7,579,000	\$0.00	\$17.62	477,000
2015/16	7,854,000	\$0.00	\$19.47	403,200
2016/17	7,940,400	\$0.00	\$20.51	387,130

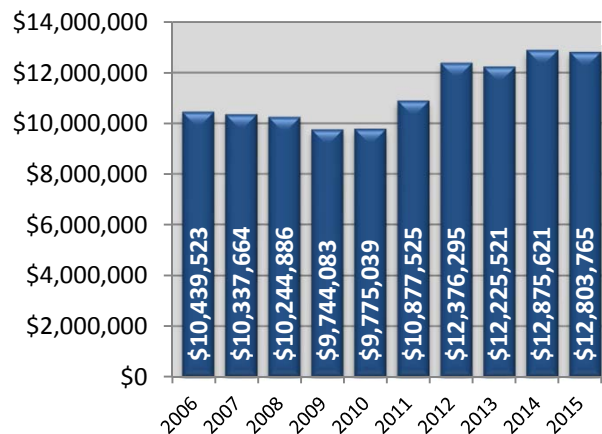
Evergreen-Farmington Sewerage Rate:

Year	Fixed Fee	Variable Rate	Combined Rate	Est. Usage (mcf)
2011/12	6,800	\$17.27	\$17.27	57,700
2012/13	11,000	\$18.81	\$18.96	51,600
2013/14	11,500	\$19.26	\$19.42	53,000
2014/15	1,594,000	\$0.00	\$20.20	53,000
2016/17	1,629,000	\$0.00	\$22.35	72,870

Operating Budget History - Water



Operating Budget History - Sewer



**Enterprise Funds
Public Works**

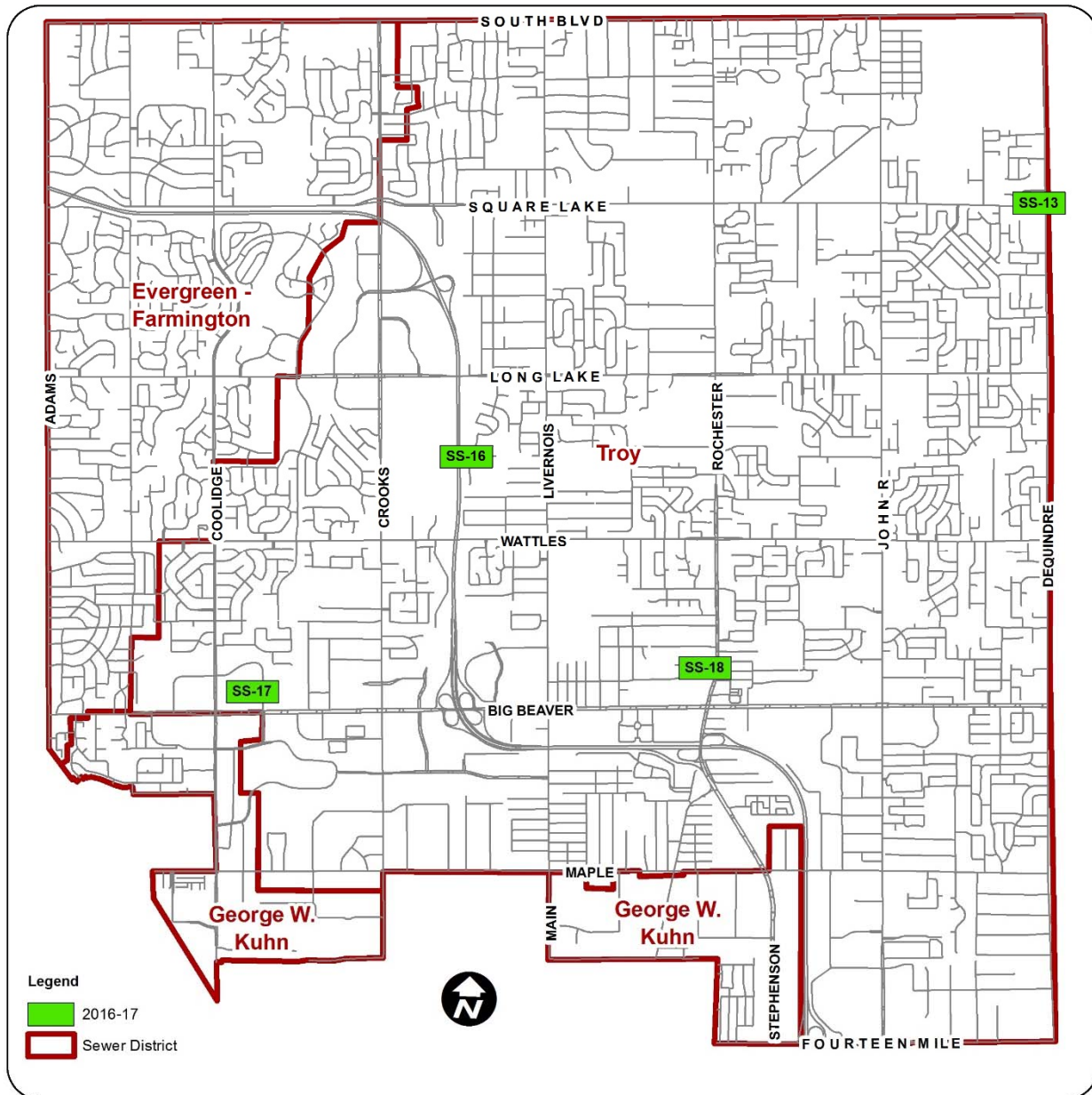
Sewer Fund

	2014 Actual Amount	2015 Actual Amount	2016 Estimated Amount	2016 Amended Budget	2017 Proposed	% Change	2018 Proposed	2019 Proposed
Fund: 590 Sewer Fund								
REVENUES								
Department: 000 Revenue								
Business Unit: 590 Sewer Revenue								
590.000.00.000								
Charges for Services	\$ 12,451,888	\$ 11,900,157	\$ 12,545,100	\$ 12,627,000	\$ 12,623,000	-0.03%	\$ 12,640,300	\$ 12,657,700
Federal Grants - SAW	-	226,636	333,000	333,000	334,000	0.30%	-	-
Interest and rents	183,814	101,532	200,000	186,300	186,300	0.00%	186,300	186,300
Other Revenues	86,425	42,504	-	-	-	0.00%	-	-
Total Revenues	12,722,127	12,270,829	13,078,100	13,146,300	13,143,300	-0.02%	12,826,600	12,844,000
EXPENSE								
Expenditures for Operations								
Business Unit: 527 Sewer Administration								
590.527.00.527								
Personal Services	247,748	273,289	291,170	369,500	348,210	-5.76%	354,130	360,200
Supplies	-	-	1,500	-	4,000	100.00%	4,000	4,000
Other Service Charges	9,453,729	10,598,677	10,673,430	11,124,080	10,900,880	-2.01%	11,115,080	11,330,160
Total Sewer Administration	9,701,478	10,871,966	10,966,100	11,493,580	11,253,090	-2.09%	11,473,210	11,694,360
Business Unit: 536 Sewer Maintenance								
590.527.00.536								
Personal Services	384,395	479,983	488,810	876,860	908,460	3.60%	923,740	939,520
Supplies	23,867	99,702	38,600	24,340	44,600	83.24%	47,130	55,160
Other Service Charges	201,985	206,941	231,500	276,180	274,200	-0.72%	275,900	276,600
Total Sewer Maintenance	610,246	786,626	758,910	1,177,380	1,227,260	4.24%	1,246,770	1,271,280
Total Operating Expense (Before Cap/Depr)	10,311,724	11,658,592	11,725,010	12,670,960	12,480,350	-1.50%	12,719,980	12,965,640

**Enterprise Funds
Public Works**

Sewer Fund

	2014 Actual Amount	2015 Actual Amount	2016 Estimated Amount	2016 Amended Budget	2017 Proposed	% Change	2018 Proposed	2019 Proposed
Total Operating Income (Before Cap/Depr)	2,410,403	612,238	1,353,090	475,340	662,950	39.47%	106,620	(121,640)
Business Unit: 535 Capital/Depreciation Expense								
590.527.00.535								
Depreciation	2,563,897	1,145,173	-	-	-	0.00%	-	-
Capital Expenditures	0	0	6,415,720	8,477,500	2,058,000	-75.72%	2,200,000	600,000
Total Capital/Depreciation Expense	2,563,897	1,145,173	6,415,720	8,477,500	2,058,000	-75.72%	2,200,000	600,000
Total Operating Income (Loss)	(153,494)	(532,935)	(5,062,630)	(8,002,160)	(1,395,050)	-82.57%	(2,093,380)	(721,640)
Business Unit: 536 Other Financing Uses								
Transfers Out	-	-	-	-	-	0.00%	-	-
Total Income (Loss)	(153,494)	(532,935)	(5,062,630)	(8,002,160)	(1,395,050)	-82.57%	(2,093,380)	(721,640)
Beginning Net Position	66,044,122	65,890,628	65,357,693	65,357,693	60,295,063	-7.75%	58,900,013	56,806,633
Ending Net Position	\$ 65,890,628	\$ 65,357,693	\$ 60,295,063	\$ 57,355,533	\$ 58,900,013	2.69%	\$ 56,806,633	\$ 56,084,993

Sewer Fund Capital

Sewer Fund Capital
SEWER FUND 2016/17BUDGET (590.527.535.7973)

Map Number	Project Number	Project Name	Total Project Cost	Total City Cost	Other Sources	15/16 Amended Budget	15/16 Expenditure to 6/30/16	15/16 Balance at 6/30/16	Proposed 16/17 Budget	Comments
SS-4	09.401.5	Miscellaneous Sanitary Sewer Locations	2,500,000	2,500,000	-	500,000	490,000	10,000	250,000	City Wide Sanitary Sewer Extension Program
	99.404.5	Flow Metering in Troy District	200,000	200,000	-	200,000	-	200,000	-	Inflow & Infiltration Removal - Troy District
	15.401.5	John R, Long Lake to Square Lake	1,000,000	1,000,000	-	1,000,000	-	1,000,000	-	Part of John R Widening
	15.402.5	John R, Square Lake to South Blvd	600,000	600,000	-	600,000	-	600,000	-	Part of John R Widening
SS-16	14.401.6	SAW Grant - Sanitary Sewer	1,250,000	250,000	-	407,000	407,000	-	408,000	SAW Grant - \$1M
	15.403.6	Ev-Frm Hydraulic Improvements	1,016,000	699,720	316,280	760,000	699,720	60,280	-	Evergreen-Farmington
	15.404.6	Ev-Frm Wattles Storage	5,911,000	4,594,000	1,317,000	4,726,500	4,594,000	132,500	-	Evergreen-Farmington
SS-13	16.401.5	Dequindre, Long Lake to Square Lake	600,000	600,000	-	-	-	-	600,000	Part of Dequindre Widening
SS-17	16.403.5	Lift Station Renovation	500,000	500,000	-	-	-	-	100,000	7 Stations
SS-18	16.402.5	Sturgis Drain Sewer Bank Stabilization	600,000	600,000	-	-	-	-	600,000	Bank Stabilization to Protect Sanitary Sewer
	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	50,000	-	50,000	Various Projects
SS-50	7978.010	General Equipment	50,000	50,000	-	134,000	75,000	59,000	50,000	DPW
TOTALS:			14,377,000	11,743,720	1,633,280	8,477,500	6,415,720	2,061,780	2,058,000	
Revenue (State Funds)							333,000		333,000	

Sewer Fund Capital

The City of Troy is divided into 3 sanitary sewer districts: the George W. Kuhn Drainage District (formerly the Twelve Towns Drainage District); Evergreen-Farmington Sewage Disposal District; and the Troy Sewage Disposal District. Wastewater from all 3 districts is carried through large diameter interceptor pipes to the Detroit Wastewater Treatment Plant for treatment before discharge to the Detroit River. Following is a description of the specific functions of each district:

George W. Kuhn (GWK) Drainage District

The George W. Kuhn Drainage District (formerly the Twelve Towns Drainage District) serves all or part of 14 communities, encompassing a drainage area of 24,500 acres upstream of the Red Run Drain, a tributary of the Clinton River. During dry weather, all flow is routed to the Detroit Wastewater Treatment Plant, but during heavy rainfall, high volumes of combined sewage (typically more than 93 percent storm water) exceed the outlet capacity to Detroit, causing excess flow to be diverted to the George W. Kuhn Retention Treatment Basin (GWK RTB) where it is stored, screened and disinfected prior to discharge to the Red Run Drain. The GWK RTB construction was completed in 2006.

Evergreen-Farmington Sewage Disposal District

This district is in the northwest portion of the city in the Rouge River Drainage Basin. This interceptor was constructed by the Oakland County Department of Public Works in 1959 and serves the City of Troy and surrounding communities. The County contracted with each community for their share of the interceptor based on population.

Troy Sewage Disposal District

The interceptor sewers in this district were constructed for the City of Troy by the Oakland County Department of Public Works. The sanitary flow from this district discharges to the Dequindre Interceptor at 14 Mile and Dequindre. The city contracted for capacity in the Southeastern Oakland County Sewage Disposal System. Troy's capacity was computed on the basis of population in the GWK Drainage District and the Troy Sewage Disposal District.

Sewer Fund projects typically are initiated to address one of 3 issues:

- ♦ To provide for the City of Troy's share towards major sewer projects that may be mandated by state or federal laws or permit requirements.
- ♦ Sewer system studies that identify projects to address state and federal requirements.
- ♦ Elimination of septic systems in Troy.

SS-4. Miscellaneous Sanitary Sewer Locations

This annual amount budgeted is to provide for new sanitary sewer throughout the city. Locations that are currently serviced by septic systems have been identified. A continuation of this program will require that right-of-way and/or easements be acquired in order to construct additional sanitary sewer. Specific locations are not delineated on the map due to the small size of most locations. This project will be paid for entirely by City funds. Operation and maintenance costs will not be impacted due to design and property acquisition. Future construction of sanitary sewer would increase operation and maintenance costs by \$4,000 per year.

Sewer Fund Capital***SS-13. Dequindre, Long Lake to South Boulevard (Sanitary Sewer)***

A new sanitary sewer will be constructed at various locations as part of the reconstruction and widening project. It is the City's policy to construct underground utilities when a road is reconstructed to avoid having to remove new or newer pavement sometime after the road has been completed. The construction of this sewer would also provide an outlet for residents who are currently on septic systems. The sanitary sewer portion of the project will be paid for entirely by City funds. Operation and maintenance costs are expected to increase by \$4,000 per year due to a new sanitary sewer being constructed.

SS-16. SAW Grant – Sanitary Sewer

Stormwater, Asset Management and Wastewater (SAW) grants were established for asset management plan development, stormwater plan development, sewage collection and treatment plan development and state funded loans to construct projects identified in the asset management plans. Grants have a \$2M cap per community. The first \$1M has a 10% local match; the 2nd \$1M has a 25% local match. Funds are awarded to grant and loan recipients on a first come, first served basis. Grant recipient must proceed with a project for which grant funding is provided within 3 years of grant award or face repayment of the grant plus interest. The city was successful in receiving a SAW grant of \$1,999,925 to be split between the Drains Fund and Sewer Fund. SAW grant projects in the sewer fund are proposed to televiser existing sanitary sewer lines and collect sanitary sewer inverts city-wide.

SS-17. Lift Station Renovation (7 Stations)

This project will evaluate and update the 7 lift stations in the city's sewer system. Six (6) are wet well/dry well designs, one (1) is a submersible design. All were built in the 1964 - 1965 timeframe. While the electronic control systems have been upgraded recently, the pumps / valves and structures are mostly original and out dated designs, that clog frequently, requiring extensive maintenance.

SS-18. Sturgis Drain Sewer Bank Stabilization

The Sturgis Drain, northwest corner of Rochester and Big Beaver, has eroded the bank behind the existing retail complex and is compromising the existing sanitary sewer. This erosion is undermining the sanitary sewer that runs along the bank of the drain. This project will relocate the drain to the north, back to its original location, soften the steepness of the banks and stabilize and protect the banks from further erosion. The project will be paid for entirely by City funds.

SS-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. Operation and maintenance costs will not be impacted.

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. Operation and maintenance costs are not expected to be impacted.

**Enterprise Funds
Public Works**

Water Fund

	2014 Actual Amount	2015 Actual Amount	2016 Estimated Amount	2016 Amended Budget	2017 Proposed	% Change	2018 Proposed	2019 Proposed
Fund: 591 Water Fund								
<u>REVENUES</u>								
Department: 000 Revenue								
Business Unit: 591 Water Revenue								
591.000.00.000								
Charges for Services	\$ 15,075,584	\$ 14,624,761	\$ 16,827,000	\$ 16,744,200	\$ 18,772,000	12.11%	\$ 19,126,200	\$ 19,447,500
Interest and rents	120,112	29,952	98,500	108,000	108,000	0.00%	108,000	108,000
Other Revenues	175,812	35,976	95,730	-	97,170	100.00%	98,230	100,100
Total Revenues	15,371,508	14,690,689	17,021,230	16,852,200	18,977,170	12.61%	19,332,430	19,655,600
<u>EXPENSE</u>								
Expenditures for Operations								
Transmission/Distribute								
591.537.00.537								
Personal Services	55,687	86,270	88,320	135,630	160,800	18.56%	163,500	166,300
Supplies	12,293	16,429	24,000	24,000	25,000	4.17%	21,000	22,000
Other Service Charges	19,043	28,028	26,200	34,100	29,200	-14.37%	29,400	29,600
Total Water Transmission/Distribution	87,024	130,728	138,520	193,730	215,000	10.98%	213,900	217,900
Business Unit: 538 Water Customer Cross Connect								
591.537.00.538								
Personal Services	105,032	108,944	114,380	113,290	115,740	2.16%	117,630	119,580
Supplies	-	2,000	2,300	4,000	3,000	-25.00%	3,000	3,000
Other Service Charges	9,664	9,657	10,000	9,700	10,000	3.09%	10,000	10,000
Total Water Customer Cross Connection	114,695	120,601	126,680	126,990	128,740	1.38%	130,630	132,580

**Enterprise Funds
Public Works**

Water Fund

	2014 Actual Amount	2015 Actual Amount	2016 Estimated Amount	2016 Amended Budget	2017 Proposed	% Change	2018 Proposed	2019 Proposed
Business Unit: 539 Water Contractors Service								
591.537.00.539								
Personal Services	224,792	256,738	223,610	235,500	163,910	-30.40%	166,680	169,560
Supplies	1,588	3,497	2,000	2,000	2,000	0.00%	2,200	2,200
Other Service Charges	14,751	17,280	17,000	15,000	17,000	13.33%	17,500	17,500
Total Water Contractors Service	241,130	277,515	242,610	252,500	182,910	-27.56%	186,380	189,260
Business Unit: 540 Water Main Testing								
591.537.00.540								
Personal Services	27,013	17,790	56,350	61,660	70,050	13.61%	71,200	72,390
Supplies	626	119	750	1,000	1,000	0.00%	1,100	1,100
Other Service Charges	2,021	1,008	3,000	2,000	3,000	50.00%	3,100	3,200
Total Water Main Testing	29,660	18,917	60,100	64,660	74,050	14.52%	75,400	76,690
Business Unit: 541 Maintenance of Mains								
591.537.00.541								
Personal Services	297,777	287,300	250,640	346,110	426,850	23.33%	434,030	441,470
Supplies	52,460	21,426	20,000	35,000	35,000	0.00%	35,000	35,000
Other Service Charges	141,244	127,016	115,000	122,400	124,200	1.47%	124,200	124,200
Total Maintenance of Mains	491,481	435,742	385,640	503,510	586,050	16.39%	593,230	600,670

**Enterprise Funds
Public Works**

Water Fund

	2014 Actual Amount	2015 Actual Amount	2016 Estimated Amount	2016 Amended Budget	2017 Proposed	% Change	2018 Proposed	2019 Proposed
Business Unit: 542 Maintenance of Services								
591.537.00.542								
Personal Services	173,385	160,221	254,060	329,300	332,810	1.07%	338,460	344,310
Supplies	3,323	7,627	50,000	12,000	55,000	358.33%	55,000	55,000
Other Service Charges	64,975	57,414	70,000	70,000	70,000	0.00%	70,000	70,000
Total Maintenance of Services	241,683	225,262	374,060	411,300	457,810	11.31%	463,460	469,310
Business Unit: 543 Maintenance of Meters								
591.537.00.543								
Personal Services	466,744	430,814	410,160	577,910	513,080	-11.22%	521,930	531,100
Supplies	58,316	57,711	325,000	325,000	330,000	1.54%	335,000	335,000
Other Service Charges	29,385	29,089	30,000	58,000	58,000	0.00%	58,000	58,000
Total Maintenance of Meters	554,445	517,614	765,160	960,910	901,080	-6.23%	914,930	924,100
Business Unit: 544 Maintenance of Hydrants								
591.537.00.544								
Personal Services	208,551	182,120	242,080	299,500	337,380	12.65%	343,000	348,850
Supplies	20,943	2,051	22,000	22,000	23,000	4.55%	24,000	24,000
Other Service Charges	77,706	54,369	75,000	81,600	83,200	1.96%	83,200	83,200
Total Maintenance of Hydrants	307,199	238,540	339,080	403,100	443,580	10.04%	450,200	456,050

**Enterprise Funds
Public Works**

Water Fund

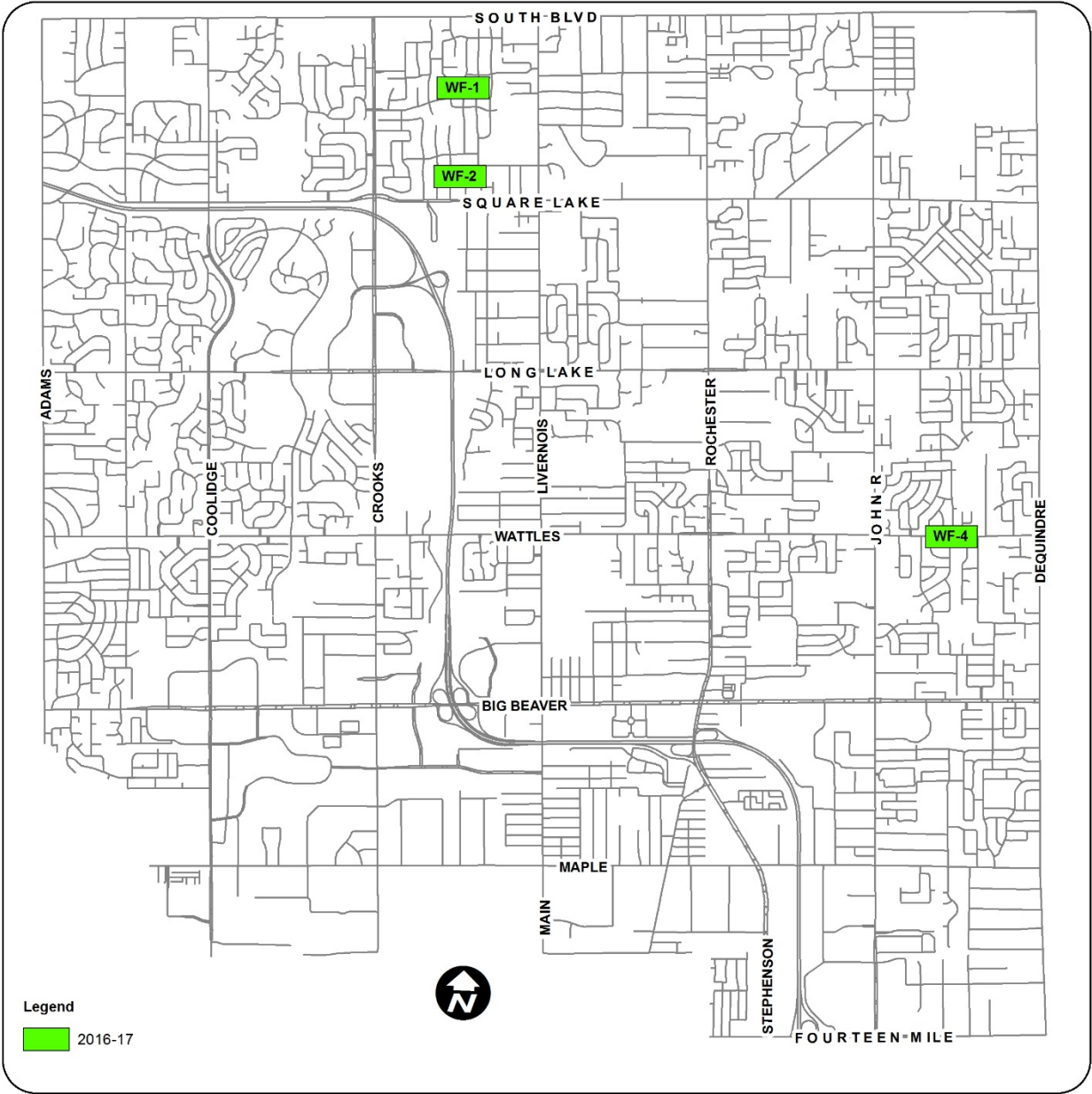
	2014 Actual Amount	2015 Actual Amount	2016 Estimated Amount	2016 Amended Budget	2017 Proposed	% Change	2018 Proposed	2019 Proposed
Business Unit: 545 Water Meter & Tap-Ins								
591.537.00.545								
Personal Services	115,374	95,607	43,590	-	-	0.00%	-	-
Supplies	225,532	298,924	-	-	-	0.00%	-	-
Other Service Charges	57,764	56,818	-	-	-	0.00%	-	-
Total Water Meter & Tap-Ins	398,670	451,350	43,590	-	-	0.00%	-	-
Business Unit: 548 Water Administration								
591.537.00.548								
Personal Services	520,237	570,653	574,710	331,540	323,660	-2.38%	329,250	334,950
Supplies	18,923	32,501	23,400	26,000	26,000	0.00%	26,000	26,000
Other Service Charges	10,114,037	10,249,449	12,603,400	12,550,740	13,868,480	10.50%	14,407,950	14,964,450
Total Water Administration	10,653,196	10,852,603	13,201,510	12,908,280	14,218,140	10.15%	14,763,200	15,325,400
Business Unit: 546 Water Accounting								
591.546.00.546								
Personal Services	33,721	43,398	37,360	53,400	69,680	30.49%	70,850	72,060
Supplies	-	49	-	-	-	0.00%	-	-
Other Service Charges	2,590	3,074	3,100	5,800	5,900	1.72%	5,900	5,900
Total Water Administration	36,311	46,522	40,460	59,200	75,580	27.67%	76,750	77,960

**Enterprise Funds
Public Works**

Water Fund

	2014 Actual Amount	2015 Actual Amount	2016 Estimated Amount	2016 Amended Budget	2017 Proposed	% Change	2018 Proposed	2019 Proposed
Business Unit: 547 Water Accounting & Collect								
591.546.00.547								
Personal Services	73,750	75,628	100,650	98,650	95,340	-3.36%	96,920	98,540
Supplies	41,275	42,732	41,500	42,000	43,000	2.38%	43,000	43,000
Other Service Charges	54,628	59,191	53,900	53,900	54,140	0.45%	54,390	54,390
Total Water Administration	169,653	177,550	196,050	194,550	192,480	-1.06%	194,310	195,930
Total Operating Expenses (Before Cap/Depr)	13,325,149	13,492,942	15,913,460	16,078,730	17,475,420	8.69%	18,062,390	18,665,850
Total Operating Income (Before Cap/Depr)	2,046,359	1,197,746	1,107,770	773,470	1,501,750	94.16%	1,270,040	989,750
Business Unit: 555 Capital/Depreciation Expense								
591.537.00.555								
Depreciation	2,178,539	2,259,215	-	-	-	0.00%	-	-
Capital Expenditures	(0)	7,864	4,160,000	3,400,000	1,500,000	-55.88%	1,300,000	1,500,000
Total Capital/Depreciation Expense	2,178,539	2,267,079	4,160,000	3,400,000	1,500,000	-55.88%	1,300,000	1,500,000
Total Income (Loss)	(132,180)	(1,069,332)	(3,052,230)	(2,626,530)	1,750	-100.07%	(29,960)	(510,250)
Beginning Net Position	100,840,441	100,708,261	99,638,929	99,638,929	96,586,699	-3.06%	96,588,449	96,558,489
Ending Net Position	\$ 100,708,261	\$ 99,638,929	\$ 96,586,699	\$ 97,012,399	\$ 96,588,449	-0.44%	\$ 96,558,489	\$ 96,048,239

Water Fund Capital



Water Fund Capital

WATER FUND 2016/17 BUDGET (591.537.555.7972)

Map Number	Project Number	Project Name	Total Project Cost	Total City Cost	Other Sources	15/16 Amended Budget	15/16 Expenditure to 6/30/16	15/16 Balance at 6/30/16	Proposed 16/17 Budget	Comments
	07.509.5	SCADA Upgrade	400,000	400,000	-	-	1,000	(1,000)	-	
WF-1	12.501.5	Section 4 North 1/2	750,000	750,000	-	400,000	650,000	(250,000)	100,000	Houghten, Vernmoor, Fredmoor, Hurst, Lovell, Scone
	13.501.5	Section 4 South 1/2	4,000,000	4,000,000	-	-	1,000	(1,000)	-	
	13.502.5	Westwood, Maple to North End	300,000	300,000	-	-	10,000	(10,000)	-	
	13.504.5	Wattles, Chestnut to Butternut	250,000	250,000	-	-	7,000	(7,000)	-	
	13.505.5	Section 7 NW 1/4	900,000	900,000	-	-	10,000	(10,000)	-	
WF-2	14.501.5	Section 4 South 1/2	750,000	750,000	-	1,200,000	1,700,000	(500,000)	100,000	Troyvalley, Aspinwall, Canmoor, Herbmoor, Elmoor, Blackwall, Niles
	14.502.5	Section 19 NE 1/4	500,000	500,000	-	-	5,000	(5,000)	-	
	14.503.5	1955 Stephenson Crossing	100,000	100,000	-	25,000	100,000	(75,000)	-	
	14.504.5	Maxwell & Stutz	1,500,000	1,500,000	-	1,000,000	1,240,000	(240,000)		
	15.501.5	John R, Long Lake to Square Lake	300,000	300,000	-	300,000	-	300,000	-	
	15.502.5	John R, Square Lake to South Blvd	300,000	300,000	-	300,000	-	300,000	-	
	15.505.5	Barilane, Crooks to East End	100,000	100,000	-	25,000	100,000	(75,000)	-	
	16.504.5	Stonecrest/Dog Park WM Loop	200,000	200,000	-	-	200,000	(200,000)	-	
WF-4	16.505.5	Wattles, John R to Dequindre	1,200,000	1,200,000	-	-	-	-	1,200,000	Water Main Replacement
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	50,000	50,000	-	100,000	100,000	-	50,000	By DPW
TOTALS:			11,650,000	11,650,000	-	3,400,000	4,174,000	(774,000)	1,500,000	

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-1. Section 4 North ½ (Road Repair due to Water Main Construction)

After the water main replacement project has been completed the existing asphalt roads in the project area will receive a mill and overlay due to damage caused by the water main and storm sewer construction. This project will be paid for entirely by City funds. Operation and maintenance costs are expected to decrease by \$2,000 per year due to road rehabilitation.

WF-2. Section 4 South ½ (Road Repair due to Water Main Construction)

After the water main replacement project has been completed the existing asphalt roads in the project area will receive a mill and overlay due to damage caused by the water main and storm sewer construction. This project will be paid for entirely by City funds. Operation and maintenance costs are expected to decrease by \$2,000 per year due to road rehabilitation.

WF-4. Wattles, John R to Dequindre (Water Main Replacement)

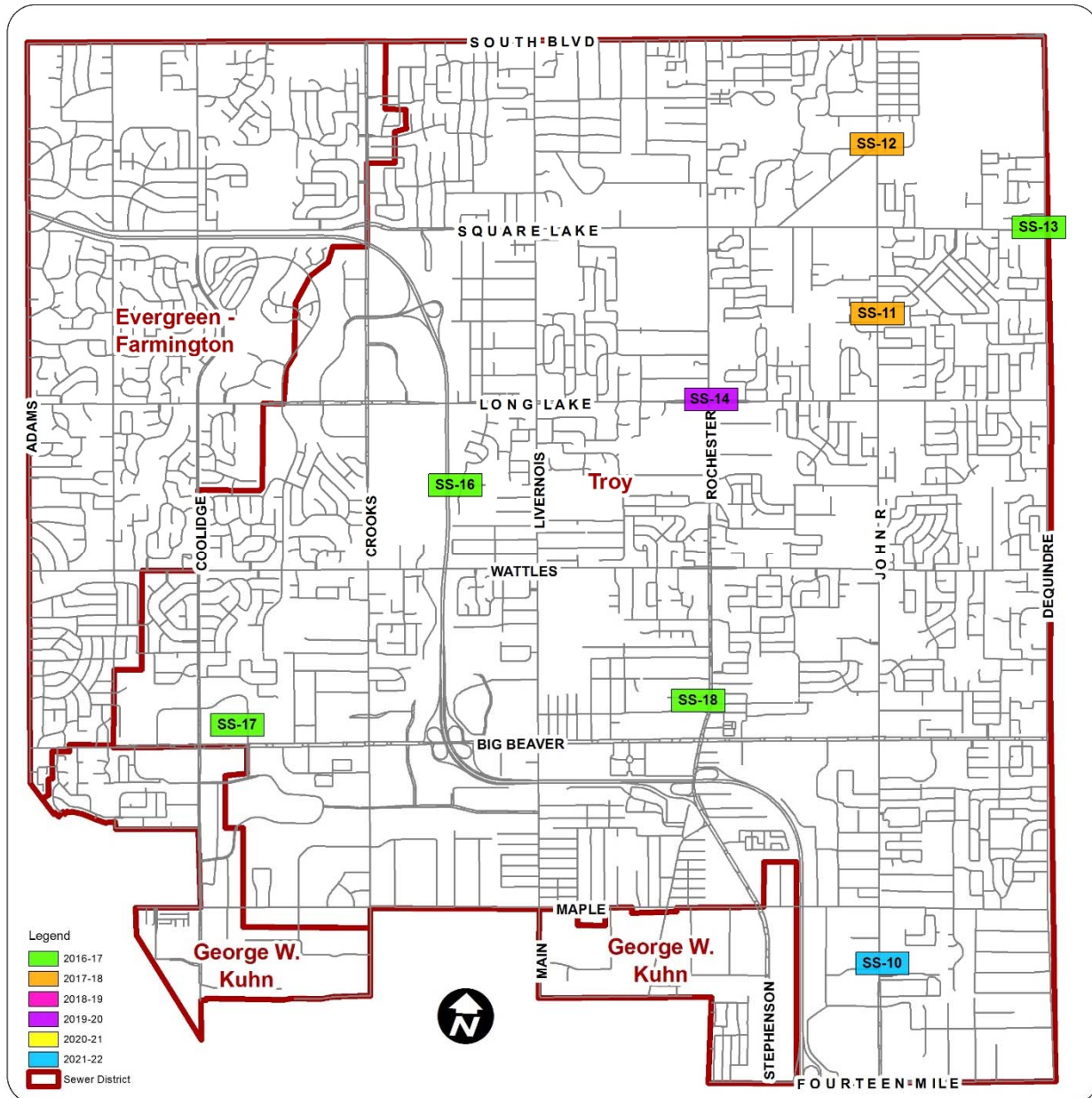
The existing 12" water main on the north side of Wattles, between John R and Dequindre will be replaced with a new 12" water main. The water main is proposed for replacement due to several breaks that have occurred. Operation and maintenance costs for water main are estimated at \$900 per mile. Replacement of older water mains reduces the number of water main breaks that occur, reducing costs for repairs.

Water Fund Capital***WF-49. Various Projects and Locations***

This item is used by the Water Department for small projects that are encountered throughout the year that do not fit within a traditional water fund project. Examples are maintenance items and expenditures for materials for the water system. An annual amount is included in the budget which is on-going and is paid for entirely by City funds. Operation and maintenance costs will not be impacted.

WF-50. General Equipment

This is an annual budget amount in the Water Fund for miscellaneous equipment required by the Public Works or Engineering Department for work associated with the Water Fund that are otherwise not specifically noted in the capital improvement plan. The budget amount is established annually based on anticipated needs, is on-going and is paid for entirely by City funds. Operation and maintenance costs are not expected to be impacted.

6 Year Capital Improvement Plan

6 Year Capital Improvement Plan Sewer Fund

6 Year CIP - Sewer Fund										
Map Number	Project Name	Total Project Cost	Total City Cost	Proposed						Comments
				2016/2017	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022	
SS-4	Miscellaneous Sanitary Sewer Locations	2,500,000	2,500,000	250,000	100,000	500,000	500,000	500,000	500,000	City wide sanitary sewer extension program
SS-10	Big Beaver Relief Sewer	6,000,000	6,000,000	-	-	-	-	-	300,000	Big Beaver-14 Mile to Dequindre Interceptor
SS-11	John R, Long Lake to Square Lake	1,000,000	1,000,000	-	1,000,000	-	-	-	-	Part of John R Widening
SS-12	John R, Square Lake to South Blvd.	600,000	600,000	-	600,000	-	-	-	-	Part of John R Widening
SS-13	Dequindre, Long Lake to South Blvd.	600,000	600,000	600,000	-	-	-	-	-	Part of Dequindre Widening
SS-14	Rochester, Barclay to Trinway	900,000	900,000	-	-	-	900,000	-	-	Part of Rochester Widening
SS-16	SAW Grant - Sanitary Sewer	1,250,000	250,000	408,000	-	-	-	-	-	SAW Grant - \$1M
SS-17	Lift Station Renovation	500,000	500,000	100,000	400,000	-	-	-	-	7 Stations
SS-18	Sturgis Drain Sewer Bank Stabilization	600,000	600,000	600,000	-	-	-	-	-	Bank Stabilization to Protect Sanitary Sewer
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
TOTALS:		14,550,000	13,550,000	2,058,000	2,200,000	600,000	1,500,000	600,000	900,000	
Revenue (State Funds):				334,000	-	-	-	-	-	

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. Operation and maintenance costs will not be impacted due to design and property acquisition. Future construction of sanitary sewer would increase operation and maintenance costs by \$4,000 per year.

**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. Operation and maintenance costs will not be impacted by the study and design. Future construction of sanitary sewer would increase operation and maintenance costs by \$4,000 per year.

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. Operation and maintenance costs are expected to increase by \$4,000 per year due to a new sanitary sewer being constructed.

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. Operation and maintenance costs are expected to increase by \$4,000 per year due to a new sanitary sewer being constructed.

SS-13. Dequindre, Long Lake to South Boulevard (Sanitary Sewer)

A new sanitary sewer will be constructed at various locations as part of the reconstruction and widening project. It is the City's policy to construct underground utilities when a road is reconstructed to avoid having to remove new or newer pavement sometime after the road has been completed. The construction of this sewer would also provide an outlet for residents who are currently on septic systems. The sanitary sewer portion of the project will be paid for entirely by City funds. Operation and maintenance costs are expected to increase by \$4,000 per year due to a new sanitary sewer being constructed.

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. Operation and maintenance costs are expected to increase by

**6 Year Capital Improvement Plan
Sewer Fund*****SS-16. SAW Grant – Sanitary Sewer***

Stormwater, Asset Management and Wastewater (SAW) grants were established for asset management plan development, stormwater plan development, sewage collection and treatment plan development and state funded loans to construct projects identified in the asset management plans. Grants have a \$2M cap per community. The first \$1M has a 10% local match; the 2nd \$1M has a 25% local match. Funds are awarded to grant and loan recipients on a first come, first served basis. Grant recipient must proceed with a project for which grant funding is provided within 3 years of grant award or face repayment of the grant plus interest. The city was successful in receiving a SAW grant of \$1,999,925 to be split between the Drains Fund and Sewer Fund. SAW grant projects in the sewer fund are proposed to televise existing sanitary sewer lines and collect sanitary sewer inverts city-wide.

SS-17. Lift Station Renovation (7 Stations)

This project will evaluate and update the 7 lift stations in the city's sewer system . Six (6) are wet well/ dry well designs , one (1) is a submersible design. All were built in the 1964 - 1965 timeframe . While the electronic control systems have been upgraded recently, the pumps / valves and structures are mostly original and out dated designs, that clog frequently, requiring extensive maintenance.

SS-18. Sturgis Drain Sewer Bank Stabilization

The Sturgis Drain, northwest corner of Rochester and Big Beaver, has eroded the bank behind the existing retail complex and is compromising the existing sanitary sewer. This erosion is undermining the sanitary sewer that runs along the bank of the drain. This project will relocate the drain to the north, back to its original location, soften the steepness of the banks and stabilize and protect the banks from further erosion. The project will be paid for entirely by City funds.

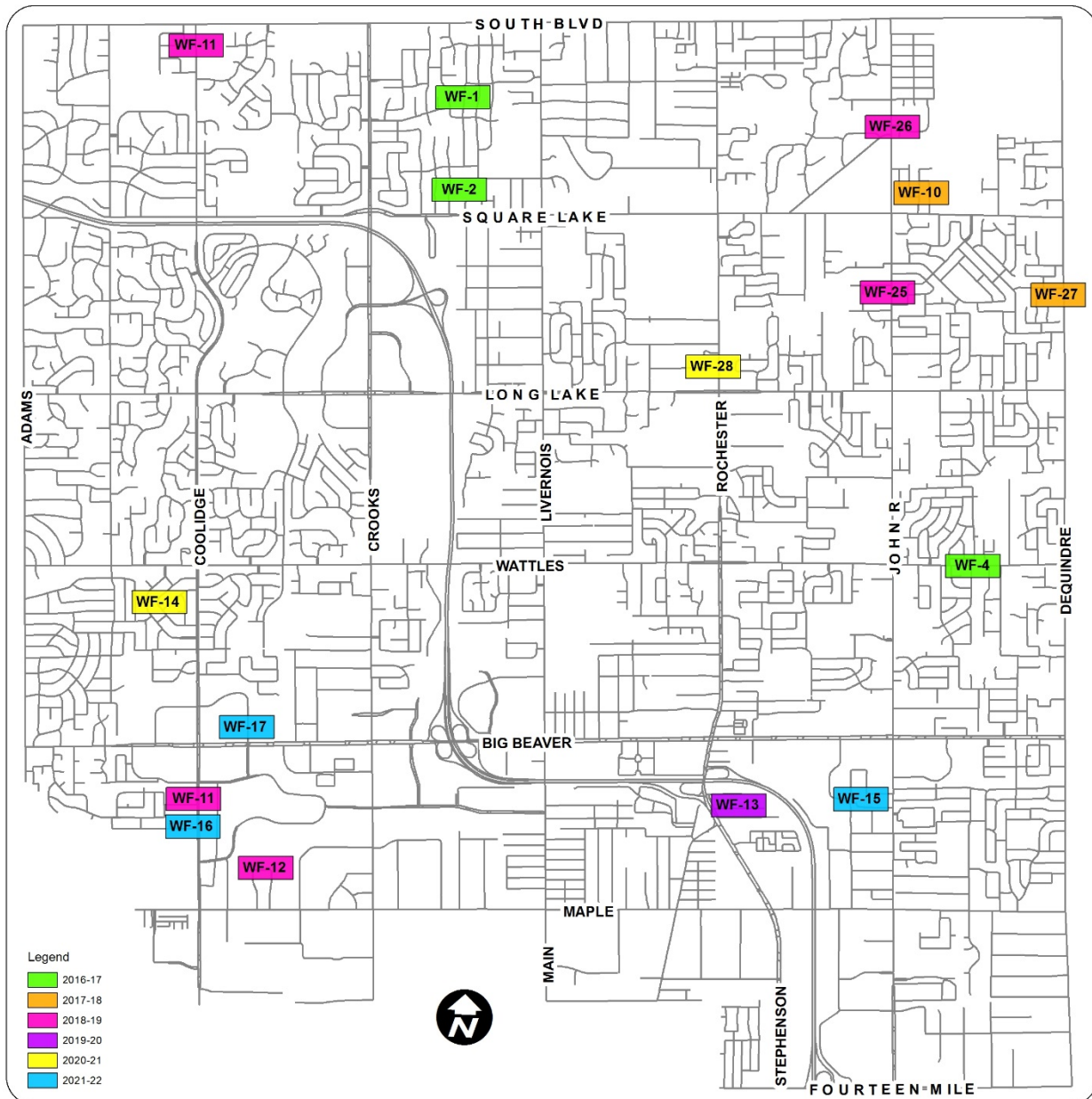
SS-49. Various Projects and Locations

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. Operation and maintenance costs will not be impacted.

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. Operation and maintenance costs are not expected to be impacted.

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
				2016/2017	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022	
WF-1	Sec. 4 North 1/2	750,000	750,000	100,000	-	-	-	-	-	Road Repair Due to Water Main Const.
WF-2	Sec. 4 South 1/2	750,000	750,000	100,000	-	-	-	-	-	Road Repair Due to Water Main Const.
WF-4	Wattles, John R to Dequindre	1,200,000	1,200,000	1,200,000	-	-	-	-	-	
WF-10	Square Lake Place Subdivision	1,000,000	1,000,000	-	1,000,000	-	-	-	-	Saxony, Tuscany, Normandy, Dryden, Smithfield, Brittany, Silverstone
WF-11	Road Crossings	200,000	200,000	-	-	200,000	-	-	-	1640, 1670, 1890, 1902 Axtell - Coolidge, South Blvd to Mountain (3x)
WF-12	Maxwell & Stutz	500,000	500,000	-	-	500,000	-	-	-	Road Repair Due to Water Main Const.
WF-13	Naughton, Wheaton & Piedmont	2,000,000	2,000,000	-	-	-	1,500,000	500,000	-	Replace 8" with 12"
WF-14	Section 19 NE 1/4	500,000	500,000	-	-	-	-	500,000	-	Scott, Estates, Sunset, Ledge and Jack
WF-15	Bethany Villas	1,000,000	1,000,000	-	-	-	-	-	1,000,000	Eldridge & Jackson
WF-16	Coolidge, Derby to Dorchester	200,000	200,000	-	-	-	-	-	200,000	Abandon 8" WM and Transfer to 16" WM
WF-17	PRV #7	200,000	200,000	-	-	-	-	-	200,000	NE Corner of Big Beaver and Coolidge
WF-25	John R, Long Lake to Square Lake	400,000	400,000	-	-	400,000	-	-	-	Part of John R Widening
WF-26	John R, Square Lake to South Boulevard	300,000	300,000	-	-	300,000	-	-	-	Part of John R Widening
WF-27	Dequindre, Long Lake to South Boulevard	200,000	200,000	-	200,000	-	-	-	-	Part of Dequindre Widening
WF-28	Rochester, Barclay to Trinway	400,000	400,000	-	-	-	-	400,000	-	Part of Rochester Widening
WF-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:		10,200,000	10,200,000	1,500,000	1,300,000	1,500,000	1,600,000	1,500,000	1,500,000	

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-1. Section 4 North ½ (Road Repair due to Water Main Construction)

After the water main replacement project has been completed the existing asphalt roads in the project area will receive a mill and overlay due to damage caused by the water main and storm sewer construction. This project will be paid for entirely by City funds. Operation and maintenance costs are expected to decrease by \$2,000 per year due to road rehabilitation.

WF-2. Section 4 South ½ (Road Repair due to Water Main Construction)

After the water main replacement project has been completed the existing asphalt roads in the project area will receive a mill and overlay due to damage caused by the water main and storm sewer construction. This project will be paid for entirely by City funds. Operation and maintenance costs are expected to decrease by \$2,000 per year due to road rehabilitation.

WF-4. Wattles, John R to Dequindre (Water Main Replacement)

The existing 12" water main on the north side of Wattles, between John R and Dequindre will be replaced with a new 12" water main. The water main is proposed for replacement due to several breaks that have occurred. Operation and maintenance costs for water main are estimated at \$900 per mile. 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-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. Operation and maintenance costs for water main are estimated at \$900 per mile. Replacement of older water mains reduces the number of water main breaks that occur, reducing costs for repairs.

WF-11. Road Crossings (Water Main Replacement)

This project will replace existing road crossings at 1640, 1670, 1890 and 1902 Axtell and on Coolidge Hwy. between South Boulevard and Square Lake. The road crossings supply residential or commercial water services and/or fire hydrants. There have been multiple breaks on these 8" cast Iron mains. Operation and maintenance costs for water main are estimated at \$900 per mile. 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. Operation and maintenance costs are expected to decrease by \$2,000 per year due to road rehabilitation and \$900 per mile due to the water main replacement. Replacement of older water mains reduces the number of water main breaks that occur, reducing costs for repairs.

WF-13. Naughton, Wheaton and Piedmont (Water Main Replacement)

This project will replace the existing 8" cast iron water mains on Naughton, Wheaton and Piedmont with new 12" water mains. There have been numerous water main breaks in this area and upsizing the mains will increase capacity in this all industrial area. This project will be paid for entirely by City funds. Operation and maintenance costs for water main are estimated at \$900 per mile. 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. Operation and maintenance costs for water main are estimated at \$900 per mile. 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-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. Operation and maintenance costs for water main are estimated at \$900 per mile. 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. Operation and maintenance costs for water main are estimated at \$900 per mile. 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. Operation and maintenance costs for water main are estimated at \$900 per mile. 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. Operation and maintenance costs for water main are estimated at \$900 per mile. Replacement of older water mains reduces the number of water main breaks that occur, reducing costs for repairs.

WF-27. Dequindre, Long Lake to South Boulevard (Water Main Replacement)

Portions of the existing water main will be replaced with a new 12" water main to accommodate the reconstruction and widening of Dequindre to a new 5-lane concrete pavement. Operation and maintenance costs for water main are estimated at \$900 per mile. Replacement of older water mains reduces the number of water main breaks that occur, reducing costs for repairs.

WF-28. Rochester, Barclay to Trinway (Water Main Replacement)

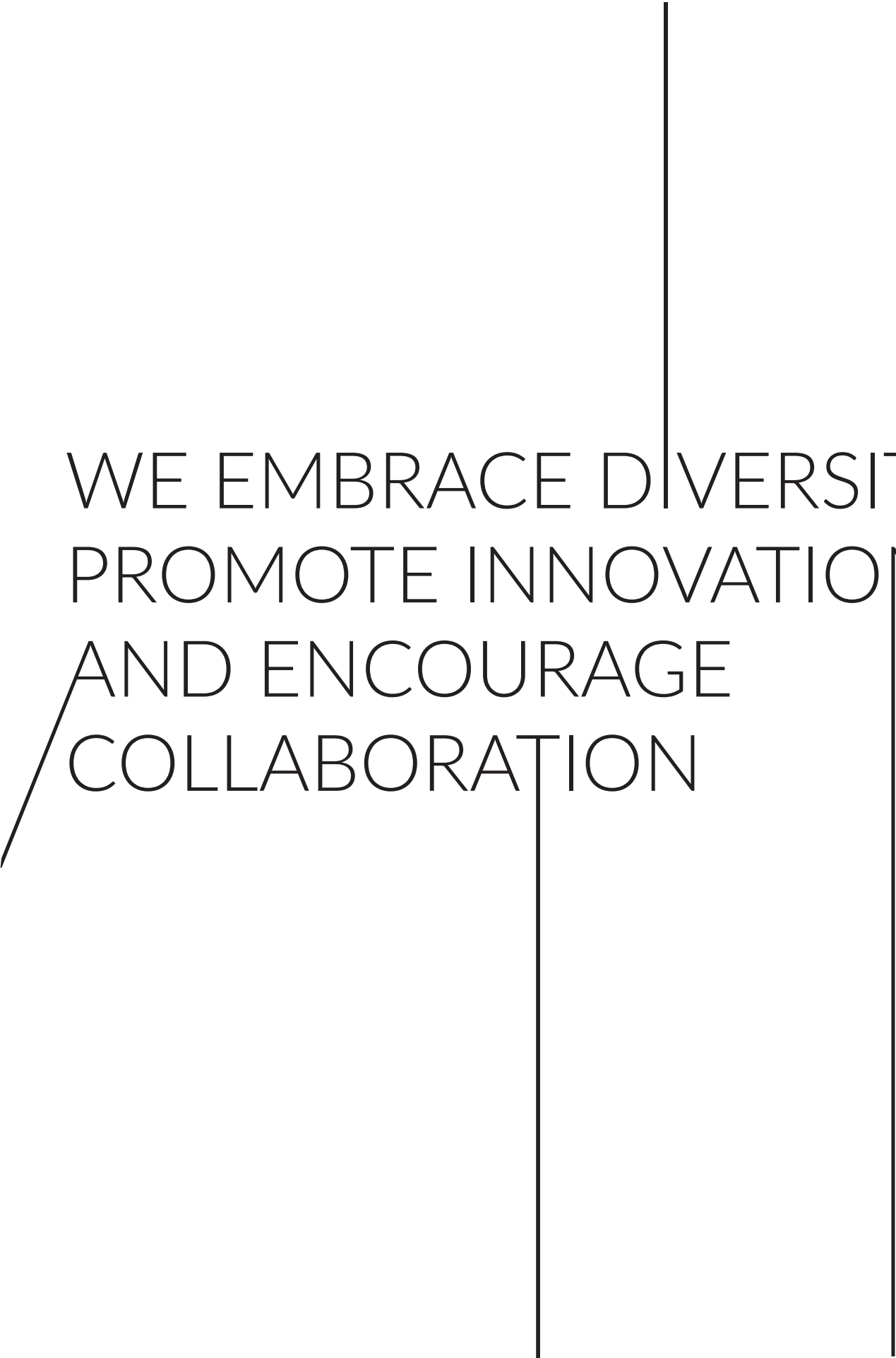
Portions of the existing water main will be replaced with a new 12" water main to accommodate the reconstruction and widening of Rochester Road to a new 6-lane concrete boulevard. Operation and maintenance costs for water main are estimated at \$900 per mile. Replacement of older water mains reduces the number of water main breaks that occur, reducing costs for repairs.

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

An abstract graphic consisting of three vertical lines and one diagonal line. The first vertical line is on the left, the second is in the middle, and the third is on the right. A diagonal line starts from the bottom left and extends upwards towards the middle vertical line.

WE EMBRACE DIVERSITY,
PROMOTE INNOVATION
AND ENCOURAGE
COLLABORATION



INTERNAL SERVICE FUNDS

BUILDING OPERATIONS

Director of Building Operations | Steve Pallotta

The mission of the Building Operations Department is to maintain 51 City Facilities in a safe, clean and efficient manner for the benefit of the residents, employees and visitors.

DEPARTMENT FUNCTION

Administrative Services

- » Prepares and administers the department budget
- » Coordinates staff activities
- » Provides 24-hour maintenance and custodial services to all City-owned buildings
- » Analyzes building needs
- » Plans and conducts preventive maintenance programs
- » Acquires material, equipment and supplies
- » Coordinates with outside vendors
- » Maintains parts inventory
- » Processes and reviews utility invoices
- » Formulates and develops service procedures
- » Develops safe work practices
- » Receives and coordinates deliveries
- » Assists the City Clerk's Office at voting precincts before, during and after elections
- » Provides energy conservation with building upgrades
- » Formulates and develops renovation projects to utilize space needs
- » Analyzes equipment for efficiency and longevity

**Internal Service Funds
Building Operations**
PERFORMANCE INDICATORS

Performance Indicators	2013/14 Actual	2014/15 Actual	2015/16 Projected	2016/17 Budget
Written and Telephone Requests	18,500	18,500	18,500	18,500
Number of Buildings Serviced	54	52	51	51
City Facilities - Square Feet	574,763	573,123	569,623	569,623
Renovation Projects	3	3	2	2
Interior Preventative Maint. Cycles	2	2	2	2
Exterior Preventative Maint. Cycles	1	1	1	1
Capital Projects Completed	2	4	6	3
Cost of Building Operations per Sq. Ft.	\$ 1.53	\$ 1.62	\$ 1.77	\$ 1.93
Janitorial Cost per Sq. Ft.	\$ 0.90	\$ 0.91	\$ 0.92	\$ 0.93

Internal Service Funds Building Operations

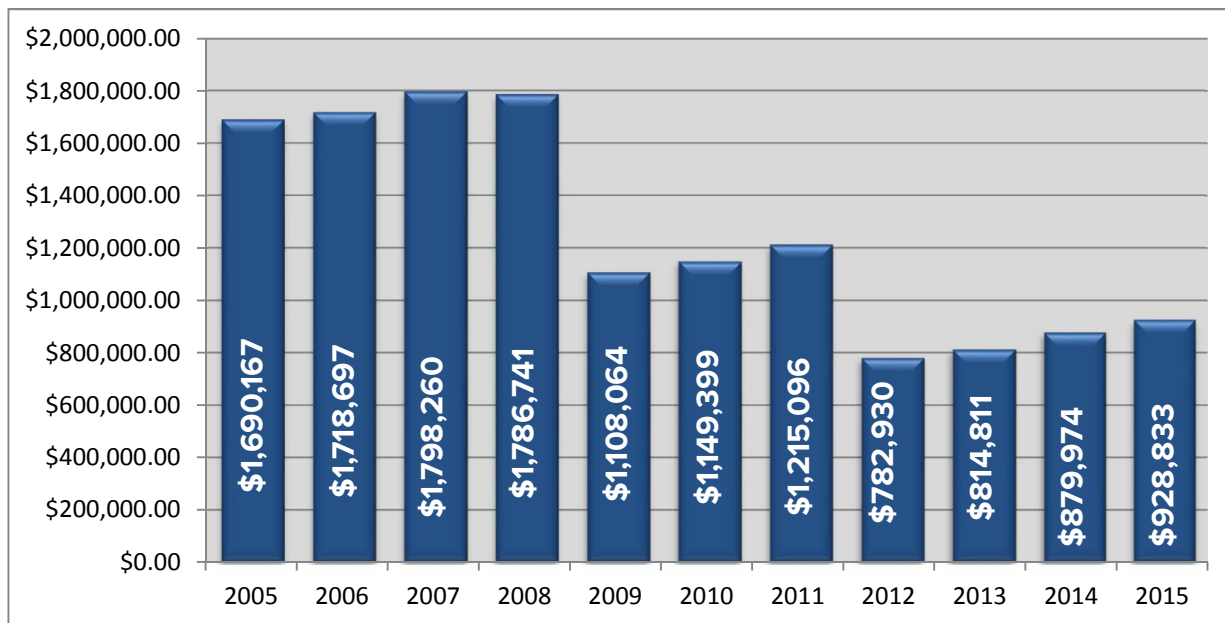
SUMMARY OF BUDGET CHANGES

- Significant Notes - 2016/17 Budget Compared to 2015/16**

Addition of one building technician position

Positions	2014 Budget		2015 Budget		2016 Budget		2017 Budget	
	Full Time	Part Time	Full Time	Part Time	Full Time	Part Time	Full Time	Part Time
Building Operations	7	1.5	7	1.9	7	1.8	8	1.3
Total Department	7	1.5	7	1.9	7	1.8	8	1.3

- Operating Budget History**



Internal Service Funds General Government

Building Operations

Fund: 631 Building Operations		2014 Actual Amount	2015 Actual Amount	2016 Estimated Amount	2016 Amended Budget	2017 Proposed	% Change	2018 Proposed	2019 Proposed
REVENUES									
Department: 000 Revenue									
Business Unit: 587 Aquatic Revenue									
631.000.00.000									
Charges for Services		\$ 877,799	\$ 928,036	\$ 878,810	\$ 1,062,700	\$ 1,112,600	4.70%	\$ 1,130,650	\$ 1,149,340
Interest and rents		2,650	797	2,500	2,500	2,500	0.00%	2,500	2,500
Other Revenues		-	-	-	-	-	0.00%	-	-
Total Revenues		880,450	928,833	881,310	1,065,200	1,115,100	4.68%	1,133,150	1,151,840
EXPENSE									
Business Unit: 264 Building Operations									
Expenditures for Operations									
631.264.00.264									
PERSONAL SERVICES		759,801	807,169	832,990	913,180	961,120	5.25%	977,160	993,820
SUPPLIES		38,604	41,156	42,870	43,570	43,570	0.00%	43,570	43,570
OTHER SERVICE CHARGES		81,569	80,508	105,450	108,450	110,410	1.81%	112,420	114,450
Total Operating Expense		879,974	928,833	981,310	1,065,200	1,115,100	4.68%	1,133,150	1,151,840
Income from Operations (Before Cap/Depr)		475	-	(100,000)	-	-	0.00%	-	-
Capital/Depreciation Expense									
631.264.00.264									
Depreciation		-	-	-	-	-	0.00%	-	-
Capital Expenditures		-	-	-	-	-	0.00%	-	-
Total Capital/Depreciation Expense		-	-	-	-	-	0.00%	-	-
Total Income (Loss)		475	-	(100,000)	-	-	0.00%	-	-
Beginning Net Position		599,525	600,000	600,000	600,000	500,000	-16.67%	500,000	500,000
Ending Net Position		\$ 600,000	\$ 600,000	\$ 500,000	\$ 600,000	\$ 500,000	-16.67%	\$ 500,000	\$ 500,000

FLEET MAINTENANCE

Public Works Director | Kurt Bovensiepe

Superintendent of Fleet Maintenance | Brian D. Varney

The mission of the Fleet Maintenance Division provides the City of Troy with safe and efficient equipment and vehicle maintenance, repair and replacement services through a workforce that values communication, teamwork, ethics and quality of work.

DEPARTMENT FUNCTION

Administrative & Support Services

- » Prepares specifications and administers the department budget
- » Coordinates and evaluates staff activities
- » Coordinates staff development and training
- » Procures materials, equipment and supplies
- » Serves as liaison with other governmental units
- » Formulates and develops operational programs and priorities
- » Maintains computerized fleet maintenance, parts and fuel inventory program
- » Recommends creative and efficient procedures and programs in the department's areas of concern
- » Coordinates vehicle and equipment auctions
- » Administers the DPW facility automated security system and employee access
- » Develops and administers safety and training for new and current equipment prior to implementation for seasonal use periods such as winter snow and ice control, sweeper maintenance and pavement construction seasons
- » Coordinates DPW building repairs and improvements
- » Administers fifteen (15) signed service agreements with In-sourced customers
- » Administers one (1) vehicle lease agreement with In-sourced customer
- » Reviews customer service evaluations and responds as needed
- » Monitors Dashboard which we developed for the fleet operation with 12 (KPI) Key Performance Indicators

Fleet Maintenance

- » Provides vehicle/heavy truck/equipment repair services for the City-owned fleet
- » Provides 24-hour maintenance on all emergency equipment
- » Operates a main facility and a satellite garage through a 2-shift operation (7:30 AM - 12:30 AM, Monday through Friday)
- » Performs welding, fabrication and repairs on various equipment
- » Assists Police Department with fatal traffic accident investigations
- » Repairs police and fire apparatus and public works vehicles and equipment from fifteen surrounding agencies
- » 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

PERFORMANCE INDICATORS

Performance Indicators	2013/14 Actual	2014/15 Actual	2015/16 Projected	2016/17 Budget
Completed Driver's Work Request	1,404	1,332	1,191	1,228
Road Service Calls	49	42	27	31
Completed Work Orders	2,532	2,423	2,166	2,234
Cleaning/Washing	2,244	2,149	2,297	2,250
Towing	103	137	100	110
Brake Replacement/Repairs	265	151	211	262
Preventative Maintenance - A	939	938	799	928
Preventative Maintenance - B	189	161	109	145
Vehicle Tires Replaced	406	499	315	472
% of Snow Removal Equip. Available	100%	100%	100%	100%
% of Snow Equip. Prepared by Nov. 15	90%	75%	100%	100%
% of Front Line Fire Apparatus Available	100%	100%	100%	100%
Average Age of Salt Trucks (Years)	9.0	9.6	9.0	8.2
Average Age of Police Vehicles (Years)	2.8	2.9	1.9	1.6

Notes on Performance Indicators

- ° Achieve 98-100% compliance with a monthly preventive maintenance program.
- Expand the GovDeals web-based auctioning of out-of-service vehicles and specialty pieces of equipment

Internal Service Funds Fleet Maintenance

SUMMARY OF BUDGET CHANGES

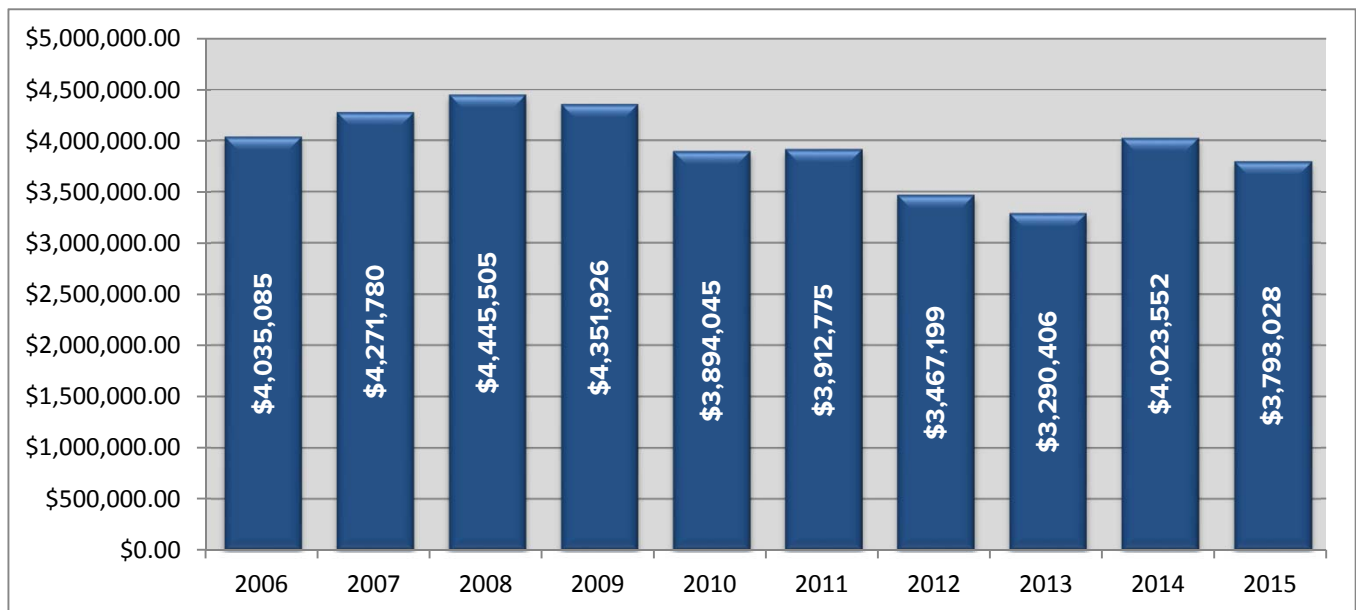
- Significant Notes - 2016/17 Budget Compared to 2015/16*

None

- Position Budgeting*

Positions	2014 Budget		2015 Budget		2016 Budget		2017 Budget	
	Full Time	Part Time	Full Time	Part Time	Full Time	Part Time	Full Time	Part Time
Fleet Maintenance	17.3	0.8	17.3	1	17.3	1	17.3	1
Total Department	17.3	0.8	17.3	1	17.3	1	17.3	1

- Operating Budget History*



**Internal Service Funds
Fleet Maintenance**
FLEET MAINTENANCE FUND
• Section A - Replacement Units

2017 Quantity	Replaces	Description	Unit Cost	2017 Proposed	2018 Proposed	2019 Proposed
Replacement Vehicles						
8	A	Police Patrol Cars	\$ 27,000	\$ 216,000	\$ 140,000	\$ 148,500
3	B	Detective Cars	28,000	84,000	-	148,500
0		4X4	31,000	-	62,000	65,700
1	C	Police Canine Vehicles	30,000	30,000	-	-
1		Fire Department 4X4	30,000	-	30,000	-
1		4X4 Pickup Truck	30,000	30,000	-	-
3	D	Staff Cars	25,000	75,000	-	-
3	E	Cargo Vans	26,000	78,000	-	-
4	F	Pickup Truck	21,500	86,000	-	22,300
0		Water Crew Truck	-	-	130,000	-
3	G	Supervisor Trucks	28,333	85,000	-	-
2		10-12 Yd Dump Truck w/ Plow	225,000	-	450,000	-
0		Tractor Backhoe	-	-	109,000	109,000
Total Section A - Replacement Units				\$ 684,000	\$921,000	\$494,000

• Section B - New Units

2017 Quantity	Replaces	Description	Unit Cost	2017 Proposed	2018 Proposed	2019 Proposed
0		None		\$ -	\$ -	\$ -
Total Section B - New Units				\$ -	\$ -	\$ -

• **Section C - Tools and Equipment**

2017 Quantity	Replaces	Description	Unit Cost	2017 Proposed	2018 Proposed	2019 Proposed
1		Hoist Replacement	\$16,000	\$ 16,000	\$ 35,000	\$ 50,000
1		Stationary Air Compressors	30,000	30,000	-	-
1		Diagnostic Hardware/Software	16,000	16,000	-	-
Total Section C - Tools and Equipment				\$ 62,000	\$ 35,000	\$ 50,000

• **Summary of Capital Purchases**

2017 Quantity	Replaces	Description	Unit Cost	2017 Proposed	2018 Proposed	2019 Proposed
29	Various	Replacement Units	\$25,000	\$ 684,000	\$ 921,000	\$ 494,000
3	None	New Units	15,000	-	-	-
3	DPW	Tools and Equipment	30,000	62,000	35,000	50,000
Total Section B - New Units				\$ 746,000	\$ 956,000	\$ 544,000

**Internal Service Funds
Fleet Maintenance**
FLEET MAINTENANCE FUND
• Equipment to be Replaced - Estimated Proceeds

Item #	Equipment#	Description	Estimated Recovery
A		Police Patrol Cars @ \$5,000 each X 8	\$40,000
B		Detective Cars @ \$4,000 each X 3	\$12,000
C		Police Canine Vehicle @ \$8,000 each X 1	\$8,000
E		Cargo Vans @ \$5,000 each X 3	\$15,000
F		Pickup Truck @ \$4,000 each X 4	\$16,000
G		Supervisors Pickup Truck @ \$4,500 each X 3	\$13,500
D		Staff Vehicles @ \$3,000 each X 3	\$9,000
Total Replacement Units			<u>\$113,500</u>

**Internal Service Funds
General Government**

Fleet Maintenance

	2014 Actual Amount	2015 Actual Amount	2016 Estimated Amount	2016 Amended Budget	2017 Proposed	% Change	2018 Proposed	2019 Proposed
Fund: 661 Motor Pool								
<u>REVENUES</u>								
Department: 000 Revenue								
Business Unit: 661 Revenues								
661.000.00.000								
Charges for Services	\$ 243,565	\$ 241,668	\$ 96,100	\$ 328,300	\$ 115,700	-64.76%	\$ 115,900	\$ 115,900
Contributions - local	-	-	1,390	-	-	0.00%	-	-
Interest and rents	3,497,059	3,461,031	3,387,700	3,578,540	3,744,100	4.63%	3,777,000	3,809,400
Other Revenues	450,576	333,132	256,300	403,600	217,500	-46.11%	265,310	318,540
Total Revenues	4,191,199	4,035,831	3,741,490	4,310,440	4,077,300	-5.41%	4,158,210	4,243,840
<u>EXPENSE</u>								
Expenditures for Operations								
Business Unit: 549 Motor Pool Administration								
661.549.00.549								
Personal Services	277,455	351,256	398,430	398,210	540,080	35.63%	549,250	558,690
Supplies	7,823	9,754	8,900	9,540	10,780	13.00%	9,620	11,170
Other Service Charges	117,312	124,404	134,310	135,510	138,680	2.34%	142,110	142,220
Total Motor Pool Administration	402,589	485,415	541,640	543,260	689,540	26.93%	700,980	712,080
Business Unit: 550 Equipment Operation & Maint.								
661.549.00.550								
Personal Services	1,012,440	1,090,577	1,051,490	1,495,830	1,257,500	-15.93%	1,278,830	1,300,870
Supplies	1,204,034	1,157,040	983,000	1,219,760	1,171,530	-3.95%	1,250,820	1,252,820
Other Service Charges	93,471	95,976	90,500	103,200	103,340	0.14%	105,480	105,480
Total Equipment Operations & Maintenance	2,309,945	2,343,593	2,124,990	2,818,790	2,532,370	-10.16%	2,635,130	2,659,170

**Internal Service Funds
General Government**

Fleet Maintenance

	2014 Actual Amount	2015 Actual Amount	2016 Estimated Amount	2016 Amended Budget	2017 Proposed	% Change	2018 Proposed	2019 Proposed
Business Unit: 551 DPW Facility Maintenance								
661.549.00.551								
Personal Services	-	-	-	-	-	0.00%	-	-
Supplies	11,414	11,399	16,000	20,650	21,060	1.99%	22,470	22,470
Other Service Charges	248,807	276,210	320,650	335,770	342,500	2.00%	347,460	350,460
Total DPW Facility Maintenance	260,221	287,609	336,650	356,420	363,560	2.00%	369,930	372,930
Total Operating Expenses (Before Cap/Depr)	2,972,756	3,116,617	3,003,280	3,718,470	3,585,470	-3.58%	3,706,040	3,744,180
Total Operating Income (Before Cap/Depr)	1,218,443	919,214	738,210	591,970	491,830	-16.92%	452,170	499,660
Business Unit: 555 Capital/Depreciation Expense								
661.549.00.565								
Depreciation	600,796	676,411	-	-	-	0.00%	-	-
Capital Expenditures	-	-	1,639,060	1,589,000	746,000	-53.05%	956,000	544,000
Total Capital/Depreciation Expense	600,796	676,411	1,639,060	1,589,000	746,000	-53.05%	956,000	544,000
Total Income (Loss) Before Transfers	617,647	242,803	(900,850)	(997,030)	(254,170)	-74.51%	(503,830)	(44,340)
Business Unit: 549								
661.549.00.549								
Transfers (Out)	(450,000)	-	-	-	-	0.00%	-	-
Net Income (Loss)	167,647	242,803	(900,850)	(997,030)	(254,170)	-74.51%	(503,830)	(44,340)
Beginning Net Position	9,362,505	9,530,152	9,772,955	9,772,955	8,872,105	-9.22%	8,617,935	8,114,105
Ending Net Position	\$ 9,530,152	\$ 9,772,955	\$ 8,872,105	\$ 8,775,925	\$ 8,617,935	-1.80%	\$ 8,114,105	\$ 8,069,765

INFORMATION TECHNOLOGY

Information Technology Director | Gert Paraskevin

Information Technology is an internal service organization whose purpose is to provide technology and telecommunications services in support of the City of Troy's goals. Information Technology empowers users to effectively utilize resources by providing a stable, reliable environment, and responsive support services.

DEPARTMENT FUNCTION

Administrative & Support Services

- » Prepares and administers the department budget
- » Develops short-and long-term plans
- » Manages purchases and implementations
- » Establishes standards
- » Adopts policies
- » Maintains software and equipment inventory
- » Serves as liaison with City departments
- » Coordinates and evaluates staff development and activities
- » Oversees Technology Committee

Application Support

- » Performs requirements analysis to determine application software needs
- » Recommends and implements application software
- » Provides initial and ongoing training
- » Functions as front line support and acts as the liaison between software vendors and end users to resolve issues
- » Implements change requests and enhancements
- » Performs software upgrades
- » Creates custom programming and interfaces
- » Maintains the Intranet and Internet websites

Client Support

- » Provides desktop hardware support and maintenance
- » Provides desktop software support and maintenance
- » Purchases and installs new equipment and software
- » Serves as the contact with various vendors
- » Provides Smartphone support

Infrastructure Support

- » Develops and executes backup procedures.
- » Provides network administration.
- » Monitors the network to pro-actively identify problems and recommend upgrades.
- » Supports all data communications technology.
- » Maintains e-mail communication gateways.
- » Performs installations, maintenance and upgrades of network operating systems
- » Oversees network security.
- » Maintains communications equipment and network hardware.
- » Maintains and supports the City's telecommunication system.
- » Provides network administration
- » Supports all data communications technology
- » Performs installations, maintenance and upgrades of network operating systems
- » Maintains communications equipment and network hardware
- » Develops and executes backup procedures
- » Monitors the network to proactively identify problems and recommend upgrades
- » Maintains e-mail communication gateways
- » Oversees network security
- » Maintains and supports the City's telecommunication system.

PERFORMANCE INDICATORS

Performance Indicators	2013/14 Actual	2014/15 Actual	2015/16 Projected	2016/17 Budget
Software Supported	151	154	153	153
Personal Computers Supported	484	484	473	484
Printers Supported	140	140	144	144
Servers Supported	66	63	60	60
Computer Help Desk Requests	3,079	3,028	3,000	3,000
IT Staff Training Costs	\$3,387	\$1,160	\$11,000	\$17,000
Equipment Maintenance Costs	\$25,826	\$19,376	\$30,000	\$30,000
Computer Chargeback Rates	\$3,300/\$2,785	\$3,800/\$3,600/ \$2,785	\$3,952/\$3,744/ \$2,785	\$4,031/\$3,819

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 - 2016/17 Budget Compared to 2015/16**

Personal Services

No significant changes.

Supplies

Supplies decreased by 33%. Again this year the number of computer replacements is expected to be fairly low resulting in a further reduction of this category. Next year a new cycle of replacements will begin so this category will increase significantly.

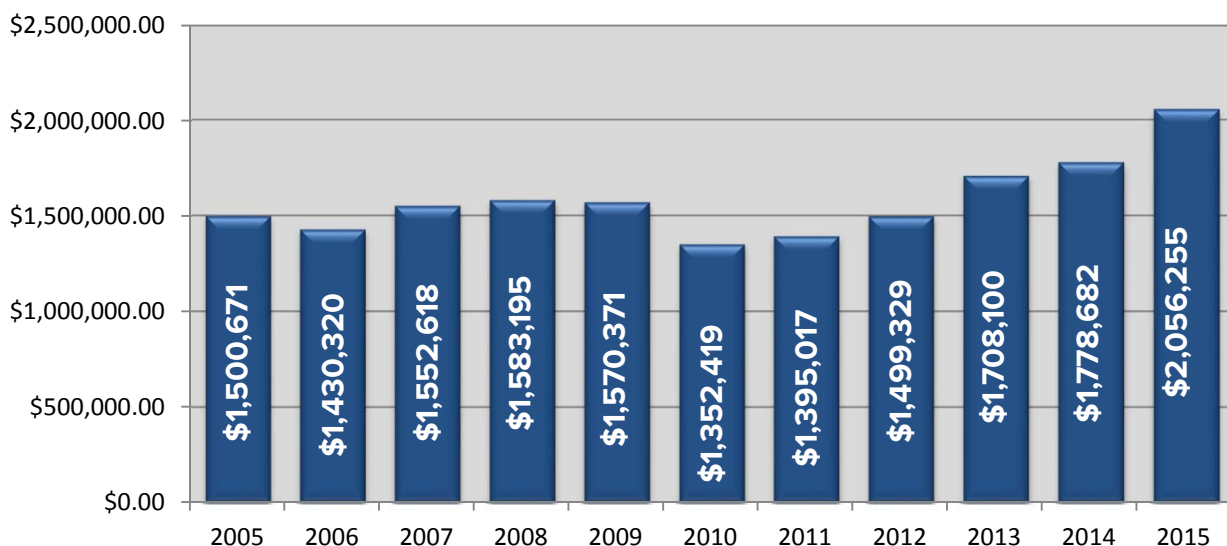
Other Service Charges

Other Service Charges decreased by 2% overall. This category is a combination of line item increases and decreases with a net reduction of \$11,510. This is mainly due to the purchase of Adobe software to upgrade to the latest version in the 2015/2016 budget. This \$22,200 cost is an irregularly occurring cost. It is not budgeted again in 2016/2017. The rest is attributable to decreases in Contractual Services General as some contracts are over a 3 year time frame and are not due in 2016/2017.

- Position Budgeting**

Positions	2014 Budget		2015 Budget		2016 Budget		2017 Budget	
	Full Time	Part Time	Full Time	Part Time	Full Time	Part Time	Full Time	Part Time
Information Technology	8.25	0.6	10.25	0	9.7	0	9.7	0
Total Department	8.25	0.6	10.25	0	9.7	0	9.7	0

- Operating Budget History**



Internal Service Funds

Information Technology

	2014 Actual Amount	2015 Actual Amount	2016 Estimated Amount	2016 Amended Budget	2017 Proposed	% Change	2018 Proposed	2019 Proposed
Fund: 636 Information Technology								
REVENUES								
Department: 000 Revenue								
Business Unit: 636 IT Revenue								
636.000.00.000								
Charges for Services	\$ 1,509,587	\$ 1,808,874	\$ 1,841,930	\$ 1,841,930	\$ 1,944,770	5.58%	\$ 1,987,770	\$ 2,027,530
Interest and rents	4,361	1,211	4,000	4,000	4,000	0.00%	4,000	4,000
Other Revenues	-	530	-	-	-	0.00%	-	-
Transfers In	-	59,010	-	165,000	-	-100.00%	-	-
Total Revenues	1,513,948	1,869,625	1,845,930	2,010,930	1,948,770	-3.09%	1,991,770	2,031,530
EXPENSE								
Business Unit: 228 Information Technology								
Expenditures for Operations								
636.228.00.228								
PERSONAL SERVICES	1,015,442	1,113,983	1,139,200	1,210,880	1,232,850	1.81%	1,253,790	1,275,130
SUPPLIES	270,067	314,738	139,200	139,200	93,700	-32.69%	343,200	228,200
OTHER SERVICE CHARGES	423,420	516,873	489,470	490,710	479,200	-2.35%	525,980	484,210
Total Operating Expense	1,708,929	1,945,593	1,767,870	1,840,790	1,805,750	-1.90%	2,122,970	1,987,540
Income from Operations (Before Cap/Depr)	(194,981)	(75,968)	78,060	170,140	143,020	-15.94%	(131,200)	43,990

Internal Service Funds

Information Technology

	2014 Actual Amount	2015 Actual Amount	2016 Estimated Amount	2016 Amended Budget	2017 Proposed	% Change	2018 Proposed	2019 Proposed
Capital/Depreciation Expense								
636.228.00.228								
Depreciation	69,752	110,661	-	-	-	0.00%	-	-
Capital Expenditures	-	0	135,000	165,000	145,000	-12.12%	140,000	60,000
Transfers In	-	-	-	-	-	0.00%	-	-
Total Capital/Depreciation Expense	69,752	110,661	135,000	165,000	145,000	-12.12%	140,000	60,000
Total Income (Loss)	(264,734)	(186,630)	(56,940)	5,140	(1,980)	-138.52%	(271,200)	(16,010)
Beginning Net Position	1,714,964	1,450,230	1,263,601	1,263,601	1,206,661	-4.51%	1,204,681	933,481
Ending Net Position	\$ 1,450,230	\$ 1,263,601	\$ 1,206,661	\$ 1,268,741	\$ 1,204,681	-5.05%	\$ 933,481	\$ 917,471

**Internal Service Funds
General Government**

Unemployment Compensation

	2014 Actual Amount	2015 Actual Amount	2016 Estimated Amount	2016 Amended Budget	2017 Proposed	% Change	2018 Proposed	2019 Proposed
Fund: 605 Unemployment Comp								
<u>REVENUES</u>								
Department: 000 Revenue								
Business Unit: 605 Unemployment								
605.000.00.000								
Charges for Services	\$ 91,427	\$ 3,187	\$ 3,300	\$ 158,000	\$ 3,400	-97.85%	\$ 3,500	\$ 3,600
Interest and Rents	170	96	200	-	200	100.00%	200	200
Other Revenues	-	-	-	-	-	0.00%	-	-
Total Revenues	91,597	3,283	3,500	158,000	3,600	-97.72%	3,700	3,800
<u>EXPENSE</u>								
Business Unit: 870 Unemployment								
Expenditures for Operations								
605.870.00.870								
PERSONAL SERVICES	-	-	-	-	-	0.00%	-	-
SUPPLIES	-	-	-	-	-	0.00%	-	-
OTHER SERVICE CHARGES	151,597	3,283	3,500	158,000	3,600	-97.72%	3,700	3,800
Total Operating Expense	151,597	3,283	3,500	158,000	3,600	-97.72%	3,700	3,800
Income from Operations	(59,999)	-	-	-	-	0.00%	-	-
Beginning Net Position	99,999	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

	2014 Actual Amount	2015 Actual Amount	2016 Estimated Amount	2016 Amended Budget	2017 Proposed	% Change	2018 Proposed	2019 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	\$ 169,200	\$ 5,841	\$ 336,990	\$ 494,000	\$ 327,130	-33.78%	\$ 352,080	\$ 359,310
Interest and rents	11,649	4,327	10,000	-	10,000	100.00%	10,000	10,000
Other Revenues	14,528	302,779	-	-	-	0.00%	-	-
Total Revenues	195,377	312,947	346,990	494,000	337,130	-31.76%	362,080	369,310
<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	377,378	312,947	346,990	494,000	337,130	-31.76%	362,080	369,310
Total Operating Expense	377,378	312,947	346,990	494,000	337,130	-31.76%	362,080	369,310
Income from Operations	(182,000)	0	-	-	-	0.00%	-	-
Beginning Net Position	2,182,000	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

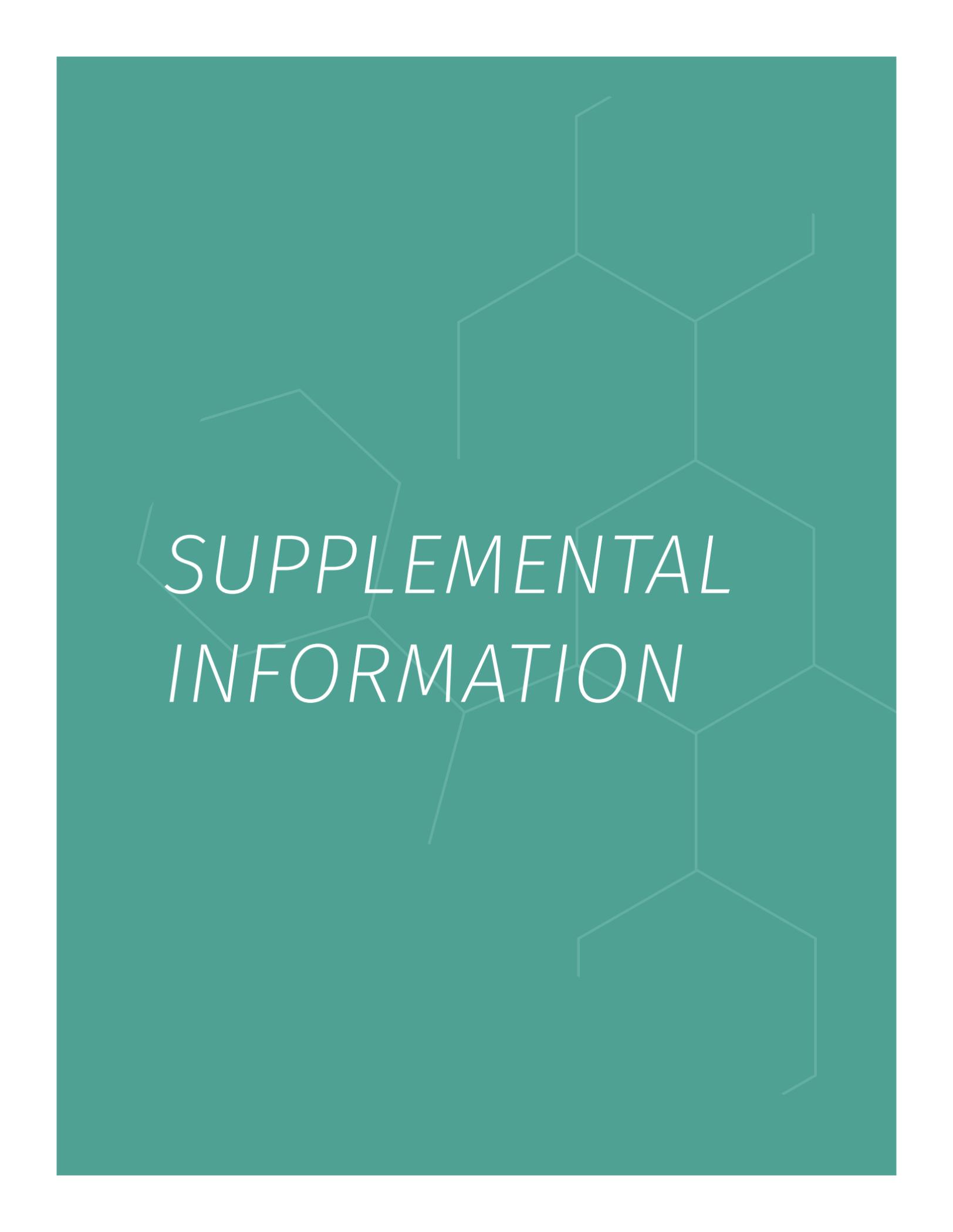
**Internal Service Funds
General Government**

Compensated Absences

	2014 Actual Amount	2015 Actual Amount	2016 Estimated Amount	2016 Amended Budget	2017 Proposed	% Change	2018 Proposed	2019 Proposed
Fund: 630 Compensated Absences								
<u>REVENUES</u>								
Department: 000 Revenue								
Business Unit: 630 Comp Abs Revenue								
630.000.00.000								
Interest and rents	\$ 20,321	\$ 11,999	\$ 34,000	\$ 23,500	\$ 34,000	44.68%	\$ 34,000	\$ 34,000
Other Revenues	3,823,779	3,663,961	3,659,920	3,832,600	4,012,660	4.70%	4,081,230	4,151,100
Total Revenues	3,844,100	3,675,960	3,693,920	3,856,100	4,046,660	4.94%	4,115,230	4,185,100
<u>EXPENSE</u>								
Business Unit: 859 Compensated Absences								
Expenditures for Operations								
630.859.00.859								
PERSONAL SERVICES	3,851,050	3,763,267	3,606,614	3,856,100	4,046,660	4.94%	4,115,230	4,185,100
SUPPLIES	-	-	-	-	-	0.00%	-	-
OTHER SERVICE CHARGES	-	-	-	-	-	0.00%	-	-
Total Operating Expense	3,851,050	3,763,267	3,606,614	3,856,100	4,046,660	4.94%	4,115,230	4,185,100
Income from Operations	(6,950)	(87,307)	87,306	-	-	0.00%	-	-
Beginning Net Position	1,006,952	1,000,002	912,694	912,694	1,000,000	9.57%	1,000,000	1,000,000
Ending Net Position	\$ 1,000,002	\$ 912,694	\$ 1,000,000	\$ 912,694	\$ 1,000,000	9.57%	\$ 1,000,000	\$ 1,000,000

An abstract graphic design featuring a white background with several thin black lines. A vertical line descends from the top left, and another vertical line descends from the top right. A diagonal line connects the top left vertical line to the top right vertical line. The text "WE LEAD BY EXAMPLE" is positioned on the left side, and "WITHIN THE REGION" is positioned on the right side, both in a clean, sans-serif font.

WE LEAD BY EXAMPLE
WITHIN THE REGION



*SUPPLEMENTAL
INFORMATION*

Governmental Funds

Revenues, Expenditures and Changes in Fund Balance

Description	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Revenues										
Property Taxes	\$ 49,877,171	\$ 50,696,911	\$ 51,270,756	\$ 51,092,129	\$ 50,828,551	\$ 46,082,673	\$ 46,450,199	\$ 46,470,104	\$ 46,739,163	\$ 47,032,046
Licenses and Permits	1,662,592	1,491,958	1,393,635	1,237,191	1,113,809	1,259,748	1,686,633	2,254,775	2,429,459	2,896,533
Federal Sources	961,366	551,965	1,279,826	4,884,314	3,185,364	2,171,633	1,040,037	5,119,153	3,189,800	1,909,792
State Sources	12,073,497	11,805,209	11,990,424	11,345,811	10,494,294	10,504,385	11,384,502	11,673,045	12,238,420	14,532,201
County Sources	891,705	765,823	758,058	465,212	908,398	1,039,709	614,530	786,068	31,209	587,902
Charges for Services	7,895,033	8,338,480	8,109,915	7,782,945	8,151,713	7,335,759	7,660,204	7,760,295	8,378,616	9,375,710
Fines and Forfeits	994,373	1,243,286	1,483,784	1,054,161	1,226,729	1,277,705	1,154,999	902,183	1,396,241	1,418,354
Interest Income	2,947,672	3,942,955	2,782,486	1,592,062	643,073	430,899	186,897	154,351	348,625	224,322
Miscellaneous	1,601,059	2,046,840	1,924,977	1,999,943	3,347,701	1,967,075	2,330,595	2,007,022	2,042,877	3,086,024
Total Revenues	78,904,468	80,883,427	80,993,861	81,453,768	79,899,632	72,069,586	72,508,596	77,126,996	76,794,410	81,062,884
Expenditures										
General Government	9,002,076	9,118,399	9,181,757	9,167,749	8,562,924	8,232,791	7,499,219	7,409,887	6,621,292	6,992,994
Public Safety	27,973,275	29,575,908	30,764,667	31,042,277	30,902,648	29,899,440	26,644,367	27,371,783	28,082,145	31,108,472
Roads and Streets	4,755,184	4,754,166	5,600,748	5,687,378	4,844,712	4,799,035	4,159,761	4,257,865	5,675,847	5,638,918
Other Public Works	2,835,772	2,676,716	2,676,845	2,525,114	2,043,464	1,756,490	1,680,731	1,779,928	-	-
Sanitation	4,367,093	4,528,962	3,892,487	3,961,794	3,996,065	4,109,985	4,216,324	4,331,560	4,267,898	4,606,610
Community Develop.	2,011,275	116,091	115,981	195,216	127,522	148,800	133,712	621,439	18,327,123	3,207,237
Recreation/Culture	13,376,722	13,412,739	14,431,267	13,830,413	12,231,424	9,067,491	8,060,815	8,243,322	8,556,099	9,186,959
Capital Outlay	18,994,837	11,856,766	12,322,730	17,176,377	17,062,105	14,244,384	11,130,331	13,670,400	13,725,931	19,554,175
Debt Service										
Principal	1,736,712	1,917,957	1,968,296	2,225,309	2,304,692	2,496,586	2,536,167	2,626,776	2,691,746	2,832,182
Interest	1,702,856	1,639,410	1,471,759	1,461,569	1,375,693	1,248,479	1,119,964	1,042,839	1,126,667	1,505,715
Total Expenditures	86,755,802	79,597,114	82,426,537	87,273,196	83,451,249	76,003,481	67,181,391	71,355,799	89,074,748	84,633,262
Excess revenues over (under) Expenditures	(7,851,334)	1,286,313	(1,432,676)	(5,819,428)	(3,551,617)	(3,933,895)	5,327,205	5,771,197	(12,280,338)	(3,570,378)

Governmental Funds Revenues, Expenditures and Changes in Fund Balance

Description	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Other Financing sources (uses)										
Issuance of Debt	81,089	41,440	3,505,000	181,379	11,321,816	9,110,000	-	-	14,945,000	-
Proceeds from Sale of Capital Assets	905,292	748,221	47,902	131,205	-	61,373	-	51,220	273,700	415,717
Payments to Escrow	-	-	(3,601,840)	-	(11,261,350)	(9,919,004)	-	-	-	-
Premium on Debt Issue	-	-	-	-	-	947,639	-	-	-	-
Transfers In	12,767,350	13,965,781	12,260,233	11,066,116	10,441,542	9,229,240	8,803,101	8,648,930	13,742,158	15,247,847
Transfers Out	(12,008,850)	(16,972,741)	(11,578,093)	(10,442,591)	(9,934,593)	(8,772,125)	(8,218,400)	(8,648,930)	(13,292,158)	(15,306,857)
Total Other Financing Sources (Uses)	1,744,881	(2,217,299)	633,202	936,109	567,415	657,123	584,701	51,220	15,668,700	356,707
Net Change in Fund Balances	\$ (6,106,453)	\$ (930,986)	\$ (799,474)	\$ (4,883,319)	\$ (2,984,202)	\$ (3,276,772)	\$ 5,911,906	\$ 5,822,417	\$ 3,388,362	\$ (3,213,671)

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
2006	\$ 618,143	\$ -	\$ 6,367,250	\$ 8,756,013	\$ 11,157,403	\$ 58,042,415	19%
2007	\$ 695,992	\$ -	\$ 4,210,280	\$ 9,171,895	\$ 10,787,420	\$ 63,037,928	17%
2008	\$ 617,505	\$ -	\$ 5,136,980	\$ 9,171,895	\$ 8,706,382	\$ 62,655,284	14%
2009	\$ 623,544	\$ -	\$ 1,000,000	\$ 9,171,895	\$ 10,519,037	\$ 62,252,931	17%
2010	\$ 447,720	\$ -	\$ 3,400,000	\$ 9,171,895	\$ 10,722,271	\$ 58,585,172	18%
2011*	\$ 4,034,119	\$ 1,508,257	\$ 3,610,131	\$ 5,953,000	\$ 12,359,648	\$ 53,695,418	23%
2012*	\$ 3,884,686	\$ 1,514,118	\$ 1,517,000	\$ 3,655,000	\$ 23,340,380	\$ 45,761,906	51%
2013*	\$ 4,369,038	\$ 1,525,598	\$ 2,771,300	\$ 3,148,000	\$ 24,946,170	\$ 46,634,537	53%
2014*	\$ 4,417,528	\$ 1,534,139	\$ 6,622,968	\$ 3,162,000	\$ 21,856,139	\$ 49,211,683	44%
2015*	\$ 5,287,206	\$ 1,538,879	\$ -	\$ 8,075,520	\$ 19,716,862	\$ 53,251,675	37%

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

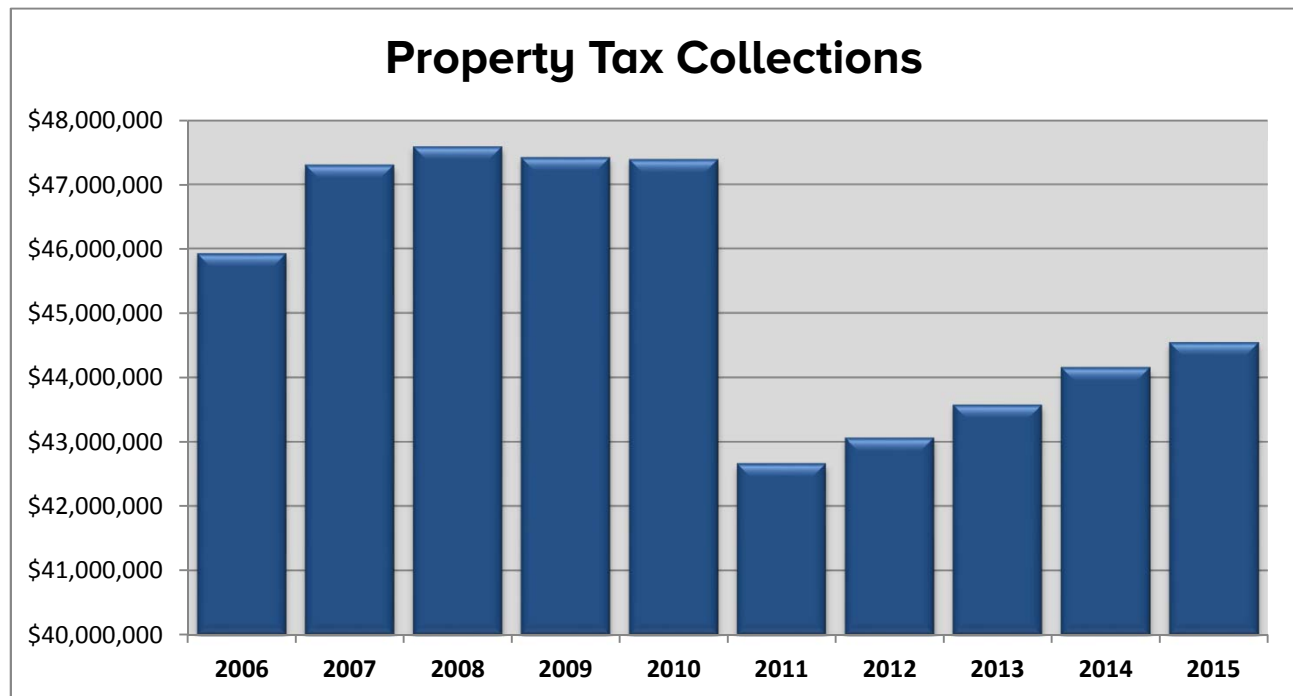
VALUE OF TAXABLE PROPERTY

10-YEAR HISTORY

Fiscal Year Ended 30-Jun	Real Property	Personal Property	Total Taxable Property	Real Property As Percent of Total Taxable Property
2006	\$ 4,760,853,880	\$ 503,497,670	\$ 5,264,351,550	90%
2007	\$ 4,955,160,492	\$ 479,874,950	\$ 5,435,035,442	91%
2008	\$ 5,086,302,787	\$ 464,213,650	\$ 5,550,516,437	92%
2009	\$ 5,105,043,510	\$ 457,552,500	\$ 5,562,596,010	92%
2010	\$ 5,011,679,706	\$ 448,100,230	\$ 5,459,779,936	92%
2011	\$ 4,435,622,282	\$ 407,990,730	\$ 4,843,613,012	92%
2012	\$ 4,064,665,270	\$ 384,084,890	\$ 4,448,750,160	91%
2013	\$ 3,917,595,130	\$ 395,096,920	\$ 4,312,692,050	91%
2014	\$ 3,896,168,868	\$ 414,094,580	\$ 4,310,263,448	90%
2015	\$ 3,945,738,670	\$ 425,887,200	\$ 4,371,625,870	90%

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
2006	\$ 46,913,799	\$ 45,924,486	97.89%	\$ 726,792	\$ 46,651,278	99.44%
2007	\$ 48,338,412	\$ 47,306,612	97.87%	\$ 923,002	\$ 48,229,614	99.77%
2008	\$ 48,667,887	\$ 47,589,455	97.78%	\$ 1,037,838	\$ 48,627,293	99.92%
2009	\$ 48,676,220	\$ 47,420,544	97.42%	\$ 771,027	\$ 48,191,571	99.00%
2010	\$ 48,273,658	\$ 47,388,992	98.17%	\$ 766,850	\$ 48,155,842	99.76%
2011	\$ 43,852,179	\$ 42,664,592	97.29%	\$ 1,095,386	\$ 43,759,978	99.79%
2012	\$ 44,257,157	\$ 43,064,206	97.30%	\$ 1,108,768	\$ 44,172,974	99.81%
2013	\$ 44,391,807	\$ 43,575,998	98.16%	\$ 729,657	\$ 44,305,655	99.81%
2014	\$ 45,071,690	\$ 44,160,748	97.98%	\$ 609,614	\$ 44,770,362	99.33%
2015	\$ 45,097,245	\$ 44,545,996	98.78%	\$ 483,614	\$ 45,029,610	99.85%



Demographic Statistics

Fiscal Year			Median				
Ended	Estimated	# of	Household	School	Median	Unempl.	
30-Jun	Population (5)	Households (1)	Effective Buying	Enrollments (3)	Age	Rate (2)	
			Income (1)				
2006	87,159	32,431	\$ 96,840	12,022	38.41	4.9%	
2007	87,594	32,596	\$ 96,840	12,096	38.41	4.8%	
2008	87,956	32,802	\$ 96,840	12,174	38.41	5.6%	
2009	81,490 **	33,368 **	\$112,980 **	12,177	38.41 **	9.4%	
2010	80,980 (4)	33,176	\$ 112,980	12,076	41.8	11.9	**
2011	81,161	33,368	\$ 108,356	12,032	41.8	9.5	
2012	82,071	32,998	\$ 107,532	12,312	41.8	7.7	
2013	82,853	33,063	\$ 107,532	12,438	41.8	7.4	
2014	83,270	33,182	\$ 108,176	12,591	41.8	5.9	
2015	83,319	33,233	\$ 106,454	12,563	41.8	4.4	

(1) U.S. Census 2006-2008 American Community Survey

(2) Michigan Dept. of Energy, Labor and Economic Growth

(3) Troy School District

(4) U.S. Bureau of the Census (2010)

(5) Southeast Michigan Council of Governments (SEMCOG)

* Information not available

** Change in the calculation method

Race	Population Based on	Percentage of Population
	2010 Census	
White	60,006	82%
Black	3,239	2%
American Indian	162	0%
Asian	15,467	13%
Other	486	0%
Multiple	1,620	2%

Educational Level Attainment - Age 25 or Older		
Based on 2010 Census		
High School Graduates	76,688	94.70%
Bachelor's Degree or Higher	45,997	56.80%

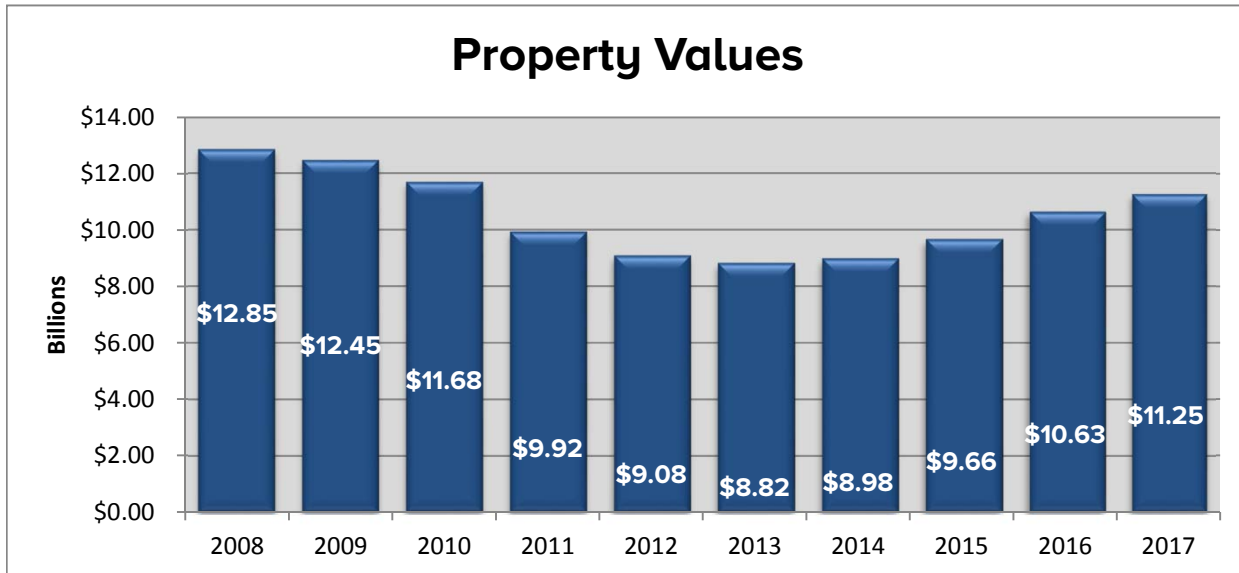
Top 20 Tax Payers

Rank Name	2016 Assessed Value	2016 Taxable Value	# of Parcels	Business Activity	% of Total Taxable Value
1 Frankel Forbes Cohen	62,701,880	52,530,410	3	Somerset Malls	1.16
2 DTE	36,933,220	36,502,710	17	Utility	0.80
3 Troy Apts I - IV LLC	28,654,450	28,654,450	24	Apartment Leasing	0.63
4 Urbancal	27,008,240	23,302,960	5	Retail	0.51
5 CC Troy	24,175,330	20,406,560	3	Office Leasing	0.45
6 Osprey Troy	24,508,580	20,342,940	2	Office Leasing	0.45
7 Kelly Services	21,732,400	19,210,410	10	Corp HQ	0.42
8 Macy's	18,412,670	16,142,270	4	Retail	0.36
9 755 Tower Assoc.	17,294,640	14,313,840	2	Office Leasing	0.32
10 Delphi	17,931,890	13,457,190	11	Corp HQ	0.30
11 Consumers Energy	13,400,000	13,275,960	12	Utility	0.29
12 Regents Park Of Troy	15,039,180	12,924,140	3	Apartment Leasing	0.28
13 Troy Industrial	15,236,400	11,664,670	15	Industrial Leasing	0.26
14 West Huron Joint Venture	13,065,060	11,027,170	3	Office Leasing	0.24
15 Nemer Troy Place	10,027,020	10,009,390	5	Office Leasing	0.22
16 Somerset Place	12,095,770	9,976,270	1	Office Leasing	0.22
17 Gables of Troy	10,363,030	9,425,210	4	Apartment Leasing	0.21
18 Sheffield	14,996,830	9,099,410	3	Office Leasing	0.20
19 Flagstar Bank FSB	11,445,450	8,917,270	3	Corp HQ	0.20
20 Forbes/Frankel Troy	8,750,000	8,750,000	2	Kmart HQ Site	0.19
	\$ 403,772,040	\$ 349,933,230	132		7.71 %
Percent of Total Value	7.2%	7.7%			

2016 Total Assessed Value (A/V)	2016 Total Taxable Value (T/V)
5,626,878,870	4,540,034,370

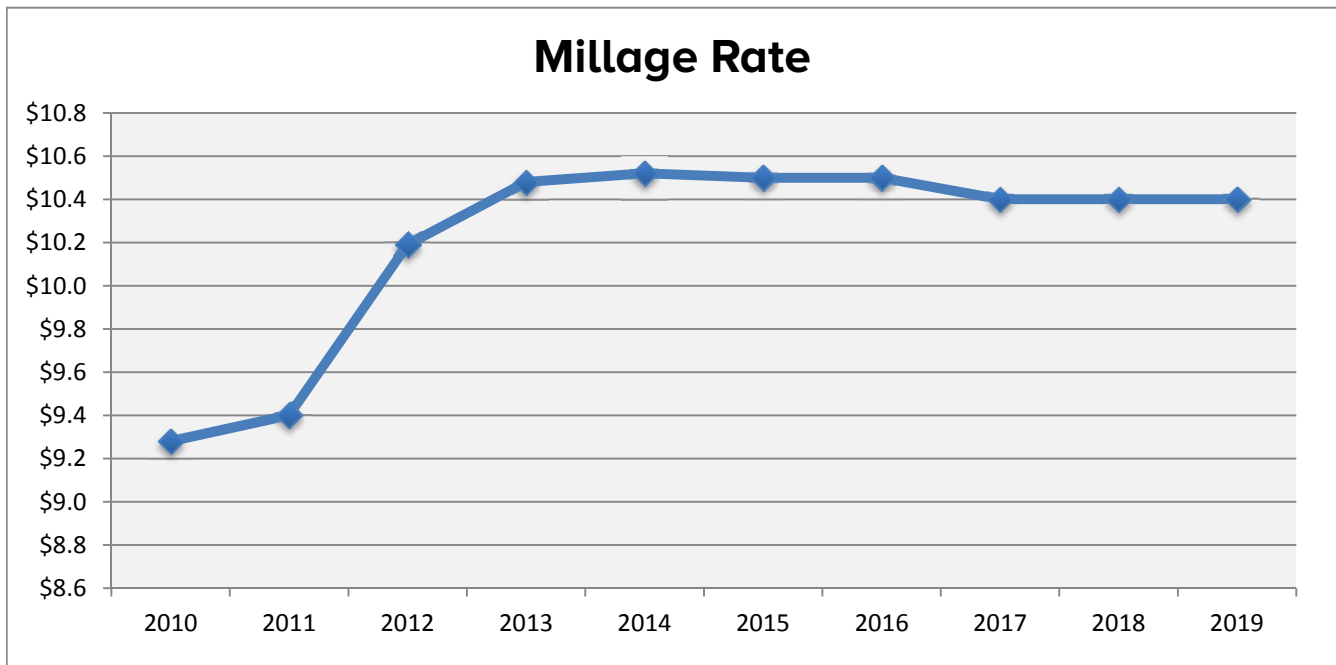
Property Values and Construction Last 10 Fiscal Years

Fiscal Year Ended June 30 of:	Property Values	Construction
2008	\$12,845,319,620	\$241,191,844
2009	\$12,454,188,100	\$330,821,604
2010	\$11,677,738,478	\$235,276,998
2011	\$9,917,036,626	\$263,289,234
2012	\$9,080,825,360	\$252,679,260
2013	\$8,820,217,800	\$263,246,270
2014	\$8,982,864,680	\$211,200,000
2015	\$9,655,083,480	\$242,225,572
2016	\$10,627,223,400	\$193,228,860
2017	\$11,253,757,740	\$126,013,888

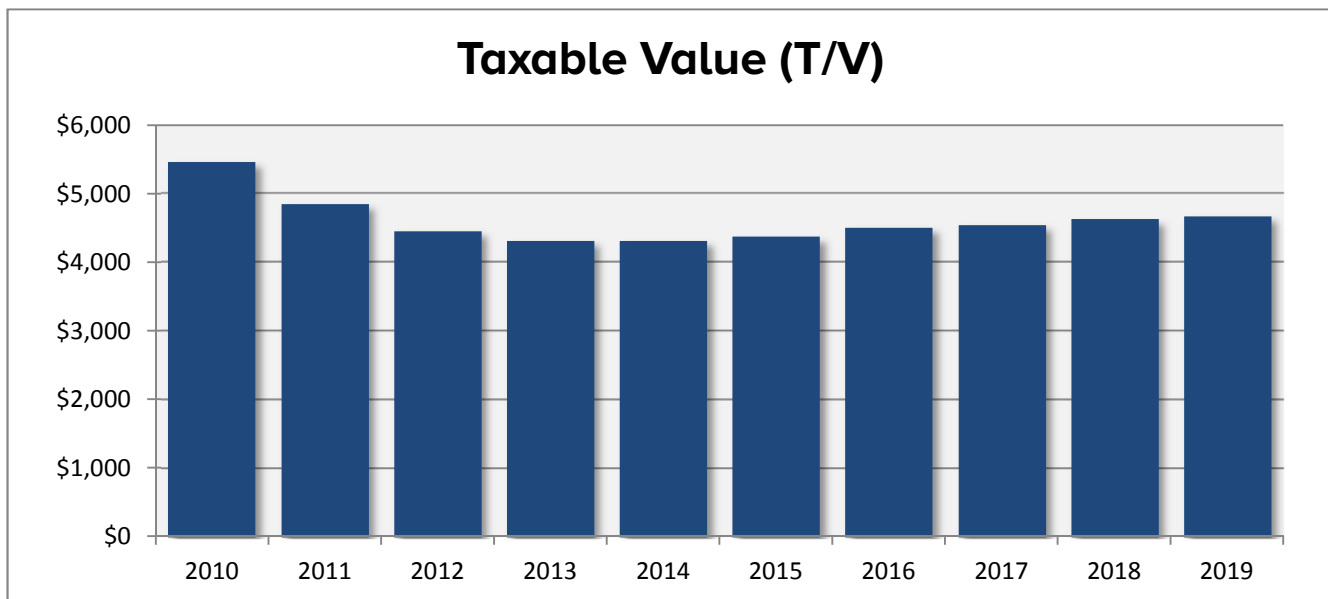


Collective Bargaining Agreements

Bargaining Unit	Expiration Date	# of Employees Covered
American Federation of State, County and Municipal Employees (AFSCME) - Public Works Employees	6/30/2016	62
Michigan Association of Police (MAP) - Clerical Employees, Police Service Aides	6/30/2018	44
Troy Command Officers Association (TCOA) - Command Police Officers	6/30/2019	22
Troy Police Officers Association (TPOA) - Police Officers	6/30/2020	79
Troy Fire Staff Officers Association (TFSOA) - Career Fire Professionals	6/30/2019	10
Troy Communications Supervisors Association (TCSA) Civilian Communications Supervisors	6/30/2016	7

Economic Information

The City of Troy has maintained one of the lowest tax rates of surrounding cities. Fiscal years 2017 and 2018 assume the passage of 0.70 mills for Library operations. Accordingly, they are for comparative purposes only.



In Michigan the assessed value is approximately 50% of the market value of a home. If the home sells for \$200,000 the assessed value would be \$100,000. Each mill levied on this property would cost \$100 annually (before any applicable state or federal tax credits). Under the state school funding system (Proposal A) the annual increase in the taxable value of your property is capped at the rate of inflation or 5%, whichever is less.

Statistical Information

· 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, 2015	57,345
	Number of voters voting in General Election November 3, 2015	12,183
	Percentage of registered voters voted	21.2%
	Registered voters at the time of City General Election on November 5, 2013	58,361
	Number of voters voting in City General Election November 3, 2013	15,832
	Percentage of registered voters voted	27.1%
· Fiscal Year Begins	July 1 st	
· # of Employees	Budget for 2016/17 340 regular, 122 part time/seasonal (full-time equivalents), summer and fall programs	
· Fire Protection	6 stations, training center, 12 fire personnel	
· Police Protection	1 station, 102 police officers, 36 non-sworn and 14 civilian employees	
· Building Construction	2005/06 1,927 permits \$114,459,317 estimated value	
	2006/07 1,696 permits \$113,160,162 estimated value	
	2007/08 1,588 permits \$103,420,413 estimated value	
	2008/09 1,251 permits \$ 99,128,945 estimated value	
	2009/10 1,185 permits* \$ 56,329,455 estimated value	
	2010/11 940 permits \$ 81,414,322 estimated value	
	2011/12 1,699 permits \$ 98,609,054 estimated value	
	2012/13 2,006 permits \$146,556,961 estimated value	
	2013/14 2,297 permits \$165,364,134 estimated value	
	2014/15 2,369 permits \$212,761,431 estimated value	
	*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 4580 million cubic feet	
	Water Mains 540 miles	
	Hydrants 5,854	

Key Terms and Concepts

[A] **Accrual basis** accounting recognizes transactions when they occur, regardless of the timing of related cash flows. The application of accrual accounting techniques prevents distortions in financial statement representations due to shifts in the timing of cash flows and related underlying economic events near the end of a fiscal period.

ACT 51 highway and street funds are derived from gas and weight taxes, and are distributed to communities by the Michigan Department of Transportation based on a municipality's population and number of street miles.

An **activity** is an office within a department to which specific expenses are allocated.

APPROPRIATION REFERS TO AUTHORIZATION GRANTED BY A LEGISLATIVE BODY TO INCUR OBLIGATIONS AND TO EXPEND PUBLIC FUNDS FOR A STATED PURPOSE.

The City of Troy's **appropriation ordinance** is the official enactment by City Council establishing legal authority for the City to incur obligations and to expend public funds for a stated purpose.

Assessed valuation is the value placed upon property equal to 50% of fair market value, as required by State law.

[B] A **balanced budget** is one in which estimated revenues plus prior year accumulated reserves are equal to or greater than estimated expenditures.

The **budget calendar** is the schedule of key dates a government follows in the preparation and adoption of the budget.

The **budget message** is a written policy and financial overview of the City as presented by the City Manager.

A **budgetary center** is a grouping of office, or activity, budgets that are combined to create a cost center in which actual expenditures cannot exceed budgeted appropriations.

[C] A disbursement of money that results in the acquisition of or addition to fixed assets is called a **Capital expenditure**. The item must have a purchase price greater than \$10,000 to be considered a Capital item.

The **Capital Projects Fund** is used to account for development of municipal Capital facilities other than those financed by the Enterprise Fund.

The **Community Development Block Grant (CDBG)** is a federally funded program to assist communities in the expansion and improvement of community services, to develop and improve neighborhoods, and to restore and preserve property values.

[D] The **Debt Service Fund** is used to account for the accumulation of resources for and the payment of general long-term debt principal and interest.

Deferment is a form filed (by qualifying residents) that allows a postponement of the summer homestead tax, without levying interest or penalty, unless payment is made after the deferment date.

A **deficit** is an excess of liabilities and reserves of a fund over its assets.

The **departmental mission statement** describes the course of action proposed to link the City's goals and objectives with the financial resources of the department.

[E] An **enterprise fund** is used to account for operations that are financed and operated in a manner similar to a private business, i.e. the intent of the governing body is that the costs of providing goods or services to the general public on a continuing basis be financed or recovered primarily through user charges. An example of an enterprise fund is the Water and Sewer Fund.

The **equalization factor** is a multiplier applied to the assessed value of a class of property by the County Equalization Department or State Tax Commission that will produce a sum that represents 50 percent of the true cash value of that class.

Expenditure is the cost of goods delivered and services rendered, whether paid or unpaid, including expenses, debt retirement not reported as liability of the fund from which retired, or capital outlay.

An **expenditure object** is a specific classification of expenditure accounts that includes a number of related accounts determined by the type of goods and services to be purchased. For example, the personnel services expenditure object includes the wages account as well as all fringe benefit accounts. Expenditure objects include personnel services, supplies, other services/charges, capital outlay, debt service, and transfers out.

[F] **FOIA** is the acronym for the Freedom of Information Act.

Fixed assets are equipment and other Capital items used in governmental fund type operations and are accounted for in the general fixed assets group of accounts rather than in the government funds. Such assets, which are recorded as expenditures at the time of purchase, do not include certain improvements such as roads, bridges, curbs and gutters, streets and sidewalks, and lighting systems. No depreciation has been provided on general fixed assets.

A **fund** is a fiscal and accounting entity with a self-balancing set of accounts recording cash and other financial resources, together with all related liabilities and residual equities or balances, and changes therein, which are segregated for the purpose of carrying on specific activities.

The City's accounts are organized on the basis of funds and account groups in order to report on its financial position and results of its operations. **Fund accounting** is designed to demonstrate legal compliance and to aid financial management by segregating transactions related to certain government functions or activities.

Fund balance is the excess of a fund entity's accumulated assets over its liabilities. Typically, excess revenues over expenditures at year-end will increase a fund's fund balance.

[G] The **Governmental Accounting Standards Board (GASB)** is the ultimate authoritative accounting and financial reporting standards-setting body for state and local governments.

The **General Fund** is the City's major operating fund to account for all financial resources except those required to be accounted for in another fund.

Generally Accepted Accounting Principles (GAAP) are conventions, rules and procedures that define accepted accounting practice at a particular time, including both broad guidelines of general applications and detailed practices and procedures. GAAP represents the benchmark by which financial statements are measured

THE **GOVERNMENT FINANCE OFFICERS ASSOCIATION (GFOA)** OF THE UNITED STATES AND CANADA IS A PROFESSIONAL ORGANIZATION OF PUBLIC OFFICIALS UNITED TO ENHANCE AND PROMOTE THE PROFESSIONAL MANAGEMENT OF GOVERNMENTAL FINANCIAL RESOURCES BY IDENTIFYING, DEVELOPING AND ADVANCING FISCAL STRATEGIES, POLICIES AND PRACTICES FOR PUBLIC BENEFIT.

[I] Internal Service Funds are used to finance and account for services furnished by a designated department to another department within a single governmental unit. Examples of funds in this category are Building Operations, Fleet Maintenance, and Information Services.

[L] A Line Item Budget is one that emphasizes allocations of resources to given organizational units for particular expenditures, such as salaries, supplies, services, and equipment. Line item budgets may be organized to provide accountability at varying levels, such as on department, division, or agency levels.

[M] The Michigan Transportation Fund (MTF) designates bonded road projects that are financed by Motor Vehicle Highway Funds.

THE MODIFIED ACCRUAL BASIS OF ACCOUNTING RECOGNIZES REVENUES IN THE PERIOD THEY BECOME AVAILABLE AND MEASURABLE, AND EXPENDITURES ARE RECOGNIZED AT THE TIME A LIABILITY IS INCURRED PURSUANT TO APPROPRIATION AUTHORITY. EXCEPTIONS TO THE GENERAL RULE OF EXPENDITURE RECOGNITION OCCUR IN DEBT SERVICE.

[O] The operating budget represents the authorized revenues and expenditures for ongoing municipal services and is the primary means by which government is controlled. The life span of an operating budget typically is one year or less, as opposed to a Capital budget, which usually has a long-term outlook, showing projects spanning a several year period. Personnel costs, supplies, and other service/charges are found in an operating budget.

OTHER SERVICES/CHARGES IS AN EXPENDITURE OBJECT WITHIN AN ACTIVITY THAT INCLUDES PROFESSIONAL SERVICES, UTILITIES, RENTS, AND TRAINING, FOR EXAMPLE.

[P] Performance indicators measure how a program is accomplishing its mission through the delivery of products or services.

Performance objectives are desired output-oriented accomplishments which can be measured within a given time period.

Personal Services is an expenditure object within an activity, which includes payroll and all fringe benefits.

Proposal “A” is a State constitutional amendment approved by the electorate in 1994 that limits the increase in taxable value of individual parcels to the Consumer Price Index or 5%, whichever is lower. This applies to all properties that do not transfer ownership. Properties that change ownership or where additions or new construction takes place can be assessed at 50% of fair market value.

[R] Results-oriented budgeting is a management concept that links the annual line item budget to departmental results of operations.

Revenue is defined as an addition to the assets of a fund which does not increase a liability, does not represent the recovery of an expenditure, does not represent the cancellation of a liability without a corresponding increase in any other liability or a decrease in assets, and does not represent a contribution of fund capital in enterprise or in intra-governmental service funds.

[S] SAD is the acronym for special assessment district.

The **service statement** shows general and specific service deliveries rendered by an activity for the community.

The **Special Revenue Fund** is used to account for the proceeds of specific revenue sources (other than special assessment, expendable trusts, or the major capital projects) that are legally restricted to expenditures for specified purposes.

STATE SHARED REVENUE REFERS TO THE PORTION OF THE \$.06 SALES TAX RETURNED TO LOCAL GOVERNMENTS BASED ON PER CAPITA TAXABLE VALUE, POPULATION AND RELATIVE TAX EFFORT.

Supplies is an expenditure object within an activity, which includes all supplies that have a useful life of less than one year and/or a purchase price of less than \$500.

Surplus refers to an excess of the assets of a fund over its liabilities and reserves.

[T] TRANSFERS - IN/OUT ARE LEGALLY AUTHORIZED FUNDING TRANSFERS BETWEEN FUNDS IN WHICH ONE FUND IS RESPONSIBLE FOR THE INITIAL RECEIPT AND THE OTHER FUND IS RESPONSIBLE FOR THE ACTUAL DISBURSEMENT.

[U] Unreserved Fund Balance is the balance of net financial resources that are spendable or available for appreciation or the portion of fund balance that is not legally restricted.

[W] WATER & SEWER FUND: THE ENTERPRISE FUNDS ACCOUNT FOR THE OPERATION OF THE WATER AND SEWER SYSTEM. THE REVENUES CONSIST OF CHARGES FOR SERVICES FROM CITY BUSINESSES AND RESIDENCES THAT ARE USED TO PAY FOR ALL WATER AND SEWER RELATED EXPENSES.