



2019-2023

Capital  
Improvement Plan





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September 6, 2018

The Honorable Joseph Gibson  
& City Council Members:

Enclosed you will find the proposed 2019-2023 Five-Year Capital Improvement Plan (CIP) and a Five-Year Fund Analysis for each of the City's major funds. The purpose of the CIP is to prioritize the capital needs of the various funds within their respective financial forecast while the five-year fund analysis assesses each of the fund's financial ability to meet long-term operating and capital needs. Throughout the process, staff was challenged to look beyond a standard when asking for equipment replacement. Just because the equipment is 10 years old, does not necessitate its replacement. Staff was honest and open when it came to extending the life of a piece of equipment.

City staff has strived to provide Council with financial projections based upon the best available data, realizing that the fund analysis is not intended to be a precise financial projection. By taking a long-term, strategic view of our capital programs and financial funds, we are able to effectively prioritize the investment of our capital resources, while being fiscally responsible to the citizens of Tipp City.

#### **FIVE-YEAR OPERATING PLANS**

Found on pages 8-23, a five-year fund analysis for each of the major funds was developed to assist staff and Council in taking a long-term look at estimated resources, projected expenditures (both operating and capital) and projected fund balances. It is imperative that the long-term implications of capital and operating plans be taken into consideration in order to secure the ongoing viability of each of the funds and to make sound financial decisions regarding the long-term capital and operational demands of the city.

## **CAPITAL IMPROVEMENT RESERVE FUND**

The Capital Improvement Reserve Fund is funded by 0.2% of the base 1.0% income tax, a 10-year 0.25% increase in the income tax that became effective July 1, 2011, the conversion of the temporary 0.25% Parks CIP levy to a 10-year general CIP levy that became effective January 1, 2013, plus assessments, and grants. This fund accounts for resources earmarked for general capital improvements of all City facilities and operations. The five-year fund analysis for the CIRF can be found on pages 16-17.

### **Assumptions**

- This five-year Capital Improvement Plan was developed with the goal of continued implementation of the 10-Year CIP recommended by the Citizen's CIP Committee in December 2010 which served as the foundation of the successful May 2011 Income Tax Levy.
- Income tax collections are projected to increase 3% in 2019, and 2% in 2020-2023. With continued economic development in the region we believe these projected increases are reasonable and conservative estimates.
- The 2022-2023 revenue projections assume that the City will ask the voters to extend the current 0.25% income tax levy which expires June 30, 2021. Without the continuation of the income tax, it will be difficult to fund large projects.
- Because of the passage of the CIP income tax levy there is no need to transfer funds from the General Fund to the CIRF in order to complete the projects set forth in this five-year CIP.

### **Revenue**

- Income Tax
  - The 0.2% income tax allocation to the CIRF is estimated to generate \$4,673,124, or an average of \$934,625 annually during the five-year period.
  - The 0.25% income taxes that became effective July 1, 2011 and January 1, 2013 respectively, are each estimated to generate \$5,829,243, for an average of \$1,165,849 annually during the five-year period.
  - Total income tax receipts dedicated to the CIRF during the five-year period are estimated at \$13,331,610, or an average of \$3,266,322 annually.

### **Debt**

- Additional debt is not anticipated to be issued for any of the capital projects proposed in the Capital Improvement Reserve Fund (CIRF) over the five-year period.

- Due to higher than anticipated income tax revenues, the debt remaining for the Fire Station Expansion (2012) and the aerial ladder truck (2012), are all projected to be paid off within this five-year CIP period.

### Fund Balance

The projected Capital Improvement Reserve Fund fund balance over the five-year period is sufficient to meet the capital improvements set forth in this five-year plan while maintaining an adequate fund balance to respond to unanticipated or emergency projects that may occur. It should be noted that adding any additional projects this close to the end of the 10-year CIP is not recommended.

### Projects/Equipment

Capital projects/equipment were prioritized based upon the 10-Year CIP approved by the Citizens Committee, critical operational needs, and availability of funds. Following is a summary of the major projects/equipment proposed in the five-year plan:

#### FIRE

- Continued replacement of SCBA's at a cost of \$10,000 annually (2 units @ \$5,000 each)
- Purchase of a Gear Washer/Extractor in 2021 to wash fire gear to remove contaminates (\$9,500). The existing machine is a 1998 model
- Purchase of a commercial drone unit to be used for search and rescue in 2020 (\$16,000)
- Replacement of a thermal imaging camera in 2022 (\$15,000)
- The replacement of Rescue #10 at a cost of \$235,000 has been moved back from 2015 to 2020. The current rescue unit is a 1994 vehicle.
- Purchase of a Chief's car/Mobile Command vehicle in 2023 (\$55,000). This vehicle will replace a 2000 Ford Excursion used by Chief Kessler.

#### EMS

- Replacement of a 2007 Dodge Durango, used as a first responder vehicle, in 2019 at a projected cost of \$45,000.
- Replacement of two medic/ambulance vehicles in 2022 (\$534,000)
- Purchase two powered lift cots in 2022 (\$122,000) in conjunction with the ambulance replacements
- Replacement of current training mannequins in 2020 (\$30,800).
- Updated computers and software packages in 2021 (\$32,000).
- Purchase of a Pyxis Medication System to store and maintain the department's pharmaceutical drug supply in 2023 at an anticipated cost of \$100,000.

## POLICE

- Police vehicle rotation will continue with two vehicles (cruisers) in 2019, three vehicles (2 cruisers and a detective vehicle) in 2020, two vehicles (1 cruiser and the Chief's vehicle) in 2021, two vehicles (2 cruisers) in 2022, and two vehicles (2 cruisers) in 2023.
- With the conversion from the Crown Victoria to the Explorer model, certain vehicle equipment items cannot be transferred. The CIP plan includes funds annually for replacement of lights, sirens, mobile video units, vehicle radar units, and mobile computers (computers are on a 4 year replacement schedule)
- The CIP plan includes replacement of the department's current body cameras with new units in 2021 (\$20,000)

## PARKS

- **Asphalt Resurfacing** – in order to maintain the City's investment in its parks and bikeways, the following resurfacing program was incorporated into the 10-year CIP.
  - Bike Path resurfacing - \$25,000 in 2020
  - Asphalt resurfacing at the aquatic center - \$50,000 in 2022
- **Safety surface upgrades** under existing equipment in various parks at a cost of \$15,000 annually in 2019-2023.
- **Neighborhood park improvements** at a cost of \$25,000 annually 2019-2023 as recommended by the Park Board.
- **Kyle Park Restrooms** – install additional restroom facilities in Kyle Park in 2020 (\$50,000).
- **Kyle Park ADA Bike Path Extension** – continued installation of handicap accessible path between baseball diamonds - \$45,000 in 2019.
- **Park shelter upgrades and renovations** – Kyle Park shelter installation -\$10,000 in 2019.
- **City Park Electric Upgrades** – convert overhead electric lines to underground services in 2022 (\$60,000).
- **Tipp City Entrance Signs** – replace the entrance signs into the City in 2019 and 2020 (\$17,000 each).

## TIPPECANOE FAMILY AQUATIC CENTER

Following the expiration of the 0.25% Parks Levy at the end of 2012, all capital items related to the operation of the Aquatic Center are now paid from the Capital Improvement Reserve Fund.

- **Pool bottom painting** –Approx. \$10,000 annually. Painting is scheduled on a three-year rotation.
- **Replace pumps and motors** - \$22,000 in 2019, \$15,000 in 2022, and \$10,000 in 2023

## Parks Vehicles and Equipment

- 2019 = Replacement of 2006 one-ton dump truck - \$45,000
- 2019 = Replacement of Zero turn mower (3-year rotation) - \$11,000
- 2020 = Replacement of 2005 ¾ Ton Pick Up - \$27,500
- 2020 = Replacement of Tri-deck mower (4-year rotation) - \$18,000
- 2020 = Replacement of Zero turn mower (3-year rotation) - \$11,250
- 2021 = Replacement of 2008 one-ton dump truck - \$45,000
- 2021 = Replacement of Zero turn mower (3-year rotation) - \$11,250
- 2022 = Replacement of Tri-deck mower (4-year rotation) - \$18,000
- 2022 = Replacement of Zero turn mower (3-year rotation) - \$11,250
- 2023 = Replacement of Zero turn mower (3-year rotation) - \$11,250

## ADMINISTRATION

- Annual replacement of computers, servers, copiers, network printers, etc., including software upgrades
- Upgrade the City's financial management systems in 2019 (\$90,000) and 2020 (\$63,500). The current vendor has notified the City these systems will no longer be operational after 2021 due to expiration of licensing agreements. Replacement in 2019 and 2020 ensures the new systems will be operational prior to the vendor discontinuing the software.
- Replace 2015 phone system in 2021 at the end of the contractual maintenance period - \$70,000
- **Government Center Improvements:**
  - 2019 = HVAC units for Government Center (\$21,000), and heat exchanger units as needed (\$5,000)
  - 2020 = Police Department roof replacement (\$66,500), HVAC units for Government Center (\$36,000), Council chambers upgrades (relaminate Council Dias - \$40,000), and heat exchanger units as needed (\$5,000)
  - 2021 = Expand parking lot (\$50,000), Kiosk for lobby (\$5,000), Replace HVAC in Electrical/Fiber rooms (\$8,000), and heat exchanger units as needed (\$5,000)
  - 2022 = Replace exterior lighting (poles and wall units - \$10,000), Police Department HVAC in garage (\$15,000), and heat exchanger units as needed (\$5,000)
  - 2023 = Repaint Government Center interior and exterior as well as Police Department interior (\$30,000), and heat exchanger units as needed (\$5,000)

## STREETS

- **City-Wide Asphalt Resurfacing Program** - \$570,000 in 2019 increasing \$10,000 annually through 2023.
- **Storm Sewer Improvements** - \$450,000 in 2019 – \$100,000 for a stormwater ditch study to document storm flows throughout the City and identify potential problems to be addressed and \$350,000 for construction of storm water improvements along the I-75 sound wall (if needed following the engineering review).
- **Kinna Drive Extension** – Included in the original 10-year CIP was \$100,000 in 2019 for possible purchase of land or right-of-way for the extension of Kinna Dr. south from Main Street to the existing Kinna Dr.
- **West Plum Street Reconstruction** – A portion of West Plum Street needs to be reconstructed. There is not sufficient base to mill and repave this area - \$300,000 in 2020
- **SR571 Streetscape Improvements** – reconstruction of Main Street (SR571) from 1<sup>st</sup> Street to the Great Miami River Bikeway - \$1,962,000 with engineering to be completed in 2017-2019 and construction in 2020. This project will be funded with an STP grant from MVRPC that covers approx. 79% of construction costs.
- **CR25A Expansion** – this project will include the construction of a fifth lane of traffic along CR25A north from Springmeade to Kessler-Cowlesville Road. - \$1,690,000 with engineering to be completed in 2017-2019, right-of-way acquisition in 2019, and construction in 2020. This project will be funded with an STP grant from MVRPC that covers approx. 79% of construction costs.
- **I-75 Interchange Improvements** – 2021 beautification of Exits 68/69 along I-75 (\$250,000).
- **Wagon Wheel Drive Widening** – remove honeysuckle (2019-\$50,000) and engineer/design roadway improvements into the TFAC (2023-\$150,000)

## Vehicles and Equipment

- 2019 = Purchase Mini-Excavator to be cost-shared with the Electric, Water, and Sewer Departments. This machine will eventually replace the Street Department's 2000 backhoe. The backhoe will continue to be used while mechanically sound, but will not be repaired if significant problems arise and will be sold at the end of its functional life - \$45,000 total to be split:
  - Streets - \$ 11,250
  - Electric - \$ 22,500
  - Water - \$ 5,625
  - Sewer - \$ 5,625
- 2020 = Replacement of 2008 1-ton Dump Truck (with Plow) - \$45,000

- 2020 = Replacement of 2007 3/4-ton Pickup Truck - \$35,000
- 2020 = Replacement of 2002 Front End Loader - \$155,000
- 2023 = Replacement of 2000 1 ton asphalt roller - \$22,000

As always, the condition of vehicles and equipment will be reviewed annually and adjustments made to the vehicle/equipment rotation schedule as necessary

### **ELECTRIC FUND**

The Electric Fund is funded primarily by user fee revenue. This fund accounts for the operation and capital needs of the City's electric distribution system.

#### Assumptions

- No rate increase during the five-year period
  - The City is currently undergoing a cost-of-service study which may recommend realigning certain costs into the base rate and adjusting the costs of purchased power.
  - Rate increase not necessary to meet 25% minimum fund balance target at end of five-year period
- 5% annual increase in electric sales budgeted due to higher consumption and higher costs of purchased power which is passed through to the consumer
- 3% average annual increase in operating expenses
  - 5% annual growth in purchase of power costs

#### Debt

- No new debt is anticipated in the Electric Fund during the five-year CIP window.

#### Fund Balance

The five-year fund analysis found on pages 18-19 forecasts that the Electric Fund has the necessary resources to continue current operations and carry out the capital projects identified in this plan while meeting the minimum target fund balance threshold.

#### Projects

- **Power Plant Demolition** – Costs to remove the existing Power Plant once the Substation #1 Improvements have been completed. \$100,000 in 2019 to relocate existing fiber optic equipment currently located within the building and \$500,000 in 2020 for demolition and removal.

- **SCADA system** – In conjunction with the substation expansion and improvement projects the City has planned for installation of a SCADA system in 2020 at a projected cost of \$500,000. This system will enable the Electric operators to remotely monitor and adjust/reconfigure the system as needed to ensure optimal flows to the City's customers.
- **Substation #3 Expansion** – addition of a third transformer at Substation #3 to handle commercial/industrial growth on the City's west side - \$2,000,000

### Vehicles and Equipment

- 2019 = Purchase of zero-turn mower for substation and service center use - \$10,000
- 2020 = Replacement of 2008 Digger Derrick Truck - \$240,000
- 2020 = Replacement of a 2010 Double Bucket Truck - \$250,000
- 2020 = Replacement of 2010 Pick-up Truck - \$50,000
- 2021 = Replacement of a 2011 Pick-up Truck - \$50,000
- 2021 = Purchase a backyard trailer - \$20,000
- 2022 = Replacement of 2014 Tree Truck - \$225,000
- 2022 = Replacement of the 2<sup>nd</sup> Double Bucket Truck - \$260,000
- 2023 = Replacement of 2009 Single Bucket Truck - \$200,000
- 2023 = Replacement of 2012 1-Ton Dump Truck - \$50,000

### WATER FUNDS

The Water Funds are funded primarily by user fee revenue. This fund accounts for the operation and capital needs of the City's water distribution system.

### Assumptions

- Does not include any additional rate increases for the period 2019-2023 although a discussion of future rate increases will be necessary to maintain capital improvement program in this Fund and to ensure sufficient fund balances for operations.
- Water consumption is projected to increase approx. 3% annually
- 2% average annual increase in operating expenses

### Debt

- The construction of a new Water/Sewer Service Center to be used for equipment storage, locker rooms, and office space will require the issuance of debt. It is anticipated this project will be funded with short-term notes for a period of ten years.

- The 2022 water line replacement (\$470,000) along N. 4<sup>th</sup> Street and N. 5<sup>th</sup> Street will be funded with a combination of an OPWC Grant and issuance of debt for completion. It is anticipated this project will be funded with short-term notes for a period of ten years.

### Fund Balance

The Water Fund cash balance projected in the five-year fund analysis on pages 20-21 is below the Minimum Target Balance for each year of the CIP. Water revenues have not kept pace with operational cost increases and recent water line improvements have exceeded initial cost estimates. However, operational results in 2018 are trending slightly better than anticipated and a leak survey performed early in 2018 identified several significant water main leaks which were repaired, reducing the amount of water purchased from NAWA which wasn't being charged to a Tipp City client. We will continue to monitor revenues and expenditures in this Fund closely, but a discussion on future rate increases may be needed to ensure continued operations.

### Projects

- **Engineering/Architectural Design of Water/Sewer Service Center** – construction of a modest structure to be used for the Water/Sewer Department to store equipment and for office and locker space.
  - 2019 - \$25,000 for design services
  - 2021 - \$500,000 for building construction
- **Upgrading 4" Water Lines** – The replacement of older, undersized, 4-inch water lines with standard residential 8-inch water lines in advance of street resurfacing activities. The project is intended to prevent the repairing/replacing of water lines along newly resurfaced street.
  - 2020 = Replacement of the transite water line on Wunderwood Dr. - \$175,000
  - 2022 = Fourth Street (North to Park) & Fifth (Kilgore to Franklin) - \$470,000

### Vehicles and Equipment

- 2020 = Replacement of mowers - \$18,000 (\$9,000 Water/\$9,000 Sewer)
- 2021 = Replacement of 2006 2.5-Ton Dump Truck - \$150,000 (\$75,000 Water/\$75,000 Sewer)
- 2022 = Replacement of 2012 pick-up truck - \$38,000 (\$19,000 Water/\$19,000 Sewer)
- 2023 = Replacement of 2008 1-Ton truck - \$51,000 (\$25,500 Water/\$25,500 Sewer)

## **SEWER FUND**

The Sewer Fund is primarily funded by user fee revenue. This fund accounts for the operation and capital needs of the City's wastewater collection system as well as payments to Tri-Cities North Regional Wastewater Authority (TCA) for wastewater treatment.

### **Assumptions**

- 2% annual increase in revenue due to higher consumption
- 3% average annual increase in operating expenses

### **Debt**

- No new debt is anticipated in the Sewer Fund during the five-year CIP window.

### **Fund Balance**

The five-year fund analysis found on pages 22-23 forecasts that the Sewer Fund has the necessary resources to continue current operations and carry out the capital projects identified in this plan while meeting the minimum target fund balance threshold.

### **Projects**

- **Inflow & Infiltration Remediation** – Under orders from the US Environmental Protection Agency, the City is obligated to eliminate sanitary sewer overflows (sso's) that occur in the sewer collection system during period of heavy rain. Continuous funding of this project is required to eliminate sources of clean water entering the sanitary sewer system: \$200,000 in 2019 and \$100,000 annually in 2020-2023
- **Slip lining Projects** – The slip lining of older sewers in advance of the City's resurfacing program to reduce Inflow & Infiltration (I/I) of clean water into the sanitary sewer system. These areas have been identified as area of high I/I. This project is intended to prevent the tearing up of newly resurfaced streets in order to make repairs to sanitary sewer lines.
  - 2022 = Fourth (North to Park)/Fifth (Kilgore to Franklin) - \$51,000
- **Construction of New Sewer Lines** – new lines to be constructed to aid in moving wastewater through the sanitary system to the main trunk line on Canal Road:
  - 2019 – Floral Acres Dr. - \$600,000 – this line will split/reduce the flow traveling southward along CR25A and reduce a bottleneck where current flows cross the freeway at the back of the Floral Acres subdivision

- 2019 – S. Kinna Dr. towards CR25A – \$240,000 - this line will provide sanitary sewer service to an 8-acre residential property located within the City and will be the first step (approximately half) of a trunk line necessary to provide sanitary sewer service to properties along CR25A south of Main Street.
- **Engineering/Architectural Design of Water/Sewer Service Center** – construction of a modest structure to be used for the Water/Sewer Department to store equipment and for office and locker space.
  - 2019 - \$25,000 for design services
  - 2021 - \$500,000 for building construction

#### Vehicles and Equipment

- 2020 = Replacement of mowers - \$18,000 (\$9,000 Water/\$9,000 Sewer)
- 2021 = Replacement of 2006 2.5-Ton Dump Truck - \$150,000 (\$75,000 Water/\$75,000 Sewer)
- 2022 = Replacement of 2012 pick-up truck - \$38,000 (\$19,000 Water/\$19,000 Sewer)
- 2023 = Replacement of 2008 1-Ton truck - \$51,000 (\$25,500 Water/\$25,500 Sewer)

I would like to thank all of the department heads and their staff for their continued assistance and efforts in identifying and prioritizing the capital needs of the City. It is truly a pleasure to work with a staff that takes pride in the community they work in and watch over the funds they are entrusted with. Thank you again.

Sincerely,

Timothy J. Eggleston, ICMA-CM  
City Manager

**CITY OF TIPP CITY  
2019 CAPITAL IMPROVEMENT RECOMMENDATIONS**

<b>DEPARTMENT</b>	<b>DESCRIPTION</b>	<b>SOURCE OF FUNDS</b>	<b>AMOUNT</b>
FIRE	SCBA Bottles and Equipment Replacement Hose (100' section)	Cap. Imp. Fund Cap. Imp. Fund	10,000 8,000 <u><b>18,000</b></u>
EMERGENCY MEDICAL SERVICES	First Responder Truck	Cap. Imp. Fund	45,000 <u><b>45,000</b></u>
POLICE	Replace Cruiser #6 (2014 model) Replace Cruiser #9 (2013 model) Replace Range Mower Firing Range Storage Building Fitness Equipment	Cap. Imp. Fund Cap. Imp. Fund Cap. Imp. Fund Cap. Imp. Fund Cap. Imp. Fund	53,500 53,500 5,000 5,000 5,000 <u><b>122,000</b></u>
PARKS	Safety Surface & Equipment Shelter - Baseball Fields Baseball/Softball Walking Path Neighborhood Park Improvements Kyle Park Fencing Kyle Park and City Park Message Centers Tipp City Entrance Signs Replace 1-ton Dump Truck (2006 model) Zero Turn Mower	Cap. Imp. Fund Cap. Imp. Fund Cap. Imp. Fund/CDBG Grant Cap. Imp. Fund Cap. Imp. Fund Cap. Imp. Fund Cap. Imp. Fund Cap. Imp. Fund Cap. Imp. Fund	15,000 10,000 45,000 25,000 15,000 5,000 17,000 45,000 11,000 <u><b>188,000</b></u>
TFAC	Paint & Caulk Pool Bottoms Replace Sand in Filters Replace Pumps and Motors Replace Small Funbrellas Computers and Security Upgrades	Cap. Imp. Fund Cap. Imp. Fund Cap. Imp. Fund Cap. Imp. Fund Parks Cap. Imp. Fund	10,000 7,000 22,000 13,000 10,000 <u><b>62,000</b></u>

**CITY OF TIPP CITY  
2019 CAPITAL IMPROVEMENT RECOMMENDATIONS**

<b>DEPARTMENT</b>	<b>DESCRIPTION</b>	<b>SOURCE OF FUNDS</b>	<b>AMOUNT</b>
ADMINISTRATION	Software Upgrades/Licensing	Cap. Imp. Fund	137,000
	Computer Replacement Program	Cap. Imp. Fund	66,430
	Government Center Improvements	Cap. Imp. Fund	26,000
	Police Department Copy Machine	Cap. Imp. Fund	12,000
	Fiber Optic Testing & Maintenance	Cap. Imp. Fund	10,000
	Great Miami River Bikeway Branding Program	Cap. Imp. Fund	10,000
			<b>261,430</b>
STREET	Asphalt Resurfacing	Cap. Imp. Fund	570,000
	Alley Repair/Resurfacing	Cap. Imp. Fund	25,000
	Curb, Gutter, & Sidewalk	Cap. Imp. Fund	45,000
	Stormwater & Stormsewer Maintenance	Cap. Imp. Fund	85,000
	I-75 Ditch Maintenance	Cap. Imp. Fund	350,000
	S. Kinna Drive Land Acquisition	Cap. Imp. Fund	100,000
	Main Street Streetscape (1st to Bikepath - Engineering)	Cap. Imp. Fund	75,000
	County Road 25A Widening (Springmeade-I-75 Exit 69)	Cap. Imp. Fund	75,000
	City Stormwater Evaluation and Ditch Study	Cap. Imp. Fund	100,000
	Aquatic Center Road Widening (Wagon Wheel Drive)	Cap. Imp. Fund	50,000
	Mini-Excavator (Will Replace 2000 Backhoe)	Cap. Imp. Fund	11,250
			<b>1,486,250</b>
DEBT	Debt - Capital Facilities - 2001	Cap. Imp. Fund	104,800
	Debt - County Road 25A	Cap. Imp. Fund	89,625
	Debt - Fire Station Improvements	Cap. Imp. Fund	512,500
	Debt - Aerial Ladder Truck	Cap. Imp. Fund	86,563
	Debt - Downtown Streetscape Improvement (Note)	Cap. Imp. Fund	95,200
	Debt - Downtown Streetscape Improvement (OPWC)	Cap. Imp. Fund	48,300
			<b>936,988</b>

**CITY OF TIPP CITY  
2019 CAPITAL IMPROVEMENT RECOMMENDATIONS**

<b>DEPARTMENT</b>	<b>DESCRIPTION</b>	<b>SOURCE OF FUNDS</b>	<b>AMOUNT</b>
ELECTRIC	New Subdivision Development	Electric Fund	150,000
	Line Improvements	Electric Fund	60,000
	Street Light Conversion	Electric Fund	60,000
	Power Plant Removal (Design)	Electric Fund	100,000
	RF Camera	Electric Fund	10,000
	Mini-Excavator	Electric Fund	22,500
	Mower (Substations and Electric Service Center)	Electric Fund	10,000
	Note Debt - Generator	Electric Fund	108,000
	Note Debt - Generator	Electric Fund	416,250
			<b>936,750</b>
WATER	Water Line Improvements	Water Fund	30,000
	Service Center HVAC	Water Fund	5,625
	Mini-Excavator	Water Fund	5,625
	Water/Sewer Service Center (Architectural Design)	Water Fund	25,000
	Note Debt - AMR Project	Water Fund	24,847
	Note Debt - New Water Tower	Water Fund	86,800
	Note Debt - Water Tower Rehab/Removal	Water Fund	54,400
	Note Debt - W. Walnut Water Line	Water Fund	31,900
	Note Debt - Roselyn Water Line	Water Fund	40,600
	Debt - OPWC Loan - Water Tower #3	Water Fund	21,250
	Debt - OPWC Loan - AMR/AMI Project	Water Fund	30,000
	Debt - OPWC Loan - Downtown Water Lines	Water Fund	11,900
			<b>367,947</b>

**CITY OF TIPP CITY  
2019 CAPITAL IMPROVEMENT RECOMMENDATIONS**

<b>DEPARTMENT</b>	<b>DESCRIPTION</b>	<b>SOURCE OF FUNDS</b>	<b>AMOUNT</b>
SEWER	I&I Program	Sewer Fund	200,000
	Sewer Line Improvements	Sewer Fund	35,000
	Sewer Line - Floral Acres Drive	Sewer Fund	600,000
	Sewer Line - Phase I - S. Kinna to CR 25A	Sewer Fund	240,000
	Service Center HVAC	Sewer Fund	5,625
	Mini-Excavator	Sewer Fund	5,625
	Water/Sewer Service Center (Architectural Design)	Sewer Fund	25,000
	Note Debt - Main Street Lift Station	Sewer Fund	118,550
	Note Debt - N. Trunk Sewer Line	Sewer Fund	198,900
	Note Debt - Roselyn Sewer Line	Sewer Fund	40,600
	Debt - OPWC Loan - Downtown Sewer Lines	Sewer Fund	9,800
			<b>1,479,100</b>
	<b>Grand Total All Funds</b>		<b>5,903,465</b>

**Governmental Fund Type Capital Improvements**  
**Funding Sources and Uses Statement**

<u>Account</u>	<u>Description</u>	<u>2019 Projected</u>	<u>2020 Projected</u>	<u>2021 Projected</u>	<u>2022 Projected</u>	<u>2023 Projected</u>
<b>Receipts</b>						
Fund 417	CIP Fund Cash used for Capital/Debt Payment	3,114,893	6,237,475	1,625,425	2,018,850	1,587,975
Fund 420	Parks - 0.25% Income Tax Fund Receipts	10,000	10,000	10,000	10,000	10,000
<b>Total Receipts</b>		<b>\$ 3,124,893</b>	<b>\$ 6,247,475</b>	<b>\$ 1,635,425</b>	<b>\$ 2,028,850</b>	<b>\$ 1,597,975</b>
<b>Expenditures</b>						
Fund 417	County Auditor Fees	\$ 2,100	\$ 2,100	\$ 2,100	\$ 2,100	\$ 2,100
Fund 417	Debt Issuance Fees	5,000	5,000	5,000	5,000	5,000
Fund 417	Auction Expenses	1,000	1,000	1,000	1,000	1,000
Fund 417	Tax Revenue Sharing	29,125	29,125	29,125	29,125	29,125
Fund 417	Tax Refunds	75,000	75,000	75,000	75,000	75,000
Fund 417	Advance Out to General Fund	-	-	-	-	-
	Sub-Total Other Operating	\$ 112,225	\$ 112,225	\$ 112,225	\$ 112,225	\$ 112,225
<b>Capital Uses of Funds by Department</b>						
Fund 417	Fire	18,000	269,000	19,500	33,000	65,000
Fund 417	Emergency Medical Services	45,000	30,800	102,000	656,000	100,000
Fund 417	Police	15,000	-	20,000	108,500	110,000
Fund 417	Parks - CIP Fund	240,000	201,750	126,250	229,250	96,250
Fund 417	Administration	261,430	322,900	242,150	111,575	154,200
Fund 417	Street Department	1,486,250	5,027,000	955,000	720,000	902,000
Fund 311	Debt Service Fund	936,988	273,800	48,300	48,300	48,300
Fund 420	Parks - 0.25% Income Tax Fund	10,000	10,000	10,000	10,000	10,000
	Sub-Total Capital Improvements	\$ 3,012,668	\$ 6,135,250	\$ 1,523,200	\$ 1,916,625	\$ 1,485,750
<b>Total Capital Improvement Expenditures</b>		<b>\$ 3,124,893</b>	<b>\$ 6,247,475</b>	<b>\$ 1,635,425</b>	<b>\$ 2,028,850</b>	<b>\$ 1,597,975</b>

**Enterprise Fund Capital Improvements**  
**Funding Sources and Uses Statement**

<u>Account</u>	<u>Description</u>	<u>2019 Projected</u>	<u>2020 Projected</u>	<u>2021 Projected</u>	<u>2022 Projected</u>	<u>2023 Projected</u>
<b>Receipts</b>						
Fund 605	Electric Fund	\$ 936,750	\$ 2,503,500	\$ 842,750	\$ 3,247,000	\$ 976,250
Fund 608	Water Fund	367,947	882,584	1,264,634	1,133,492	677,957
Fund 620	Sewer Fund	1,479,100	308,700	875,050	366,675	340,500
<b>Total Receipts From Enterprise Funds</b>		<b>\$ 2,783,797</b>	<b>\$ 3,694,784</b>	<b>\$ 2,982,434</b>	<b>\$ 4,747,167</b>	<b>\$ 1,994,707</b>
<b>Uses of Funds By Department</b>						
Electric		\$ 936,750	\$ 2,503,500	\$ 842,750	\$ 3,247,000	\$ 976,250
Water		367,947	882,584	1,264,634	1,133,492	677,957
Sewer		1,479,100	308,700	875,050	366,675	340,500
<b>Total Enterprise Fund Capital Improvement Expenditures</b>		<b>\$ 2,783,797</b>	<b>\$ 3,694,784</b>	<b>\$ 2,982,434</b>	<b>\$ 4,747,167</b>	<b>\$ 1,994,707</b>

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**2019 BUDGET WORKSHEET**  
**GENERAL FUND - SUMMARY REVENUES AND EXPENDITURES**

Description	2016 Actual	2017 Actual	2018 Budget	2018 Estimate	2019 Estimate	2020 Projected	2021 Projected	2022 Projected	2023 Projected
<b>Revenues</b>									
Taxes	3,629,697	3,624,007	3,853,883	3,853,247	3,961,064	4,036,700	4,113,823	4,192,463	4,272,650
Intergovernmental Receipts	1,014,463	1,041,956	1,050,918	1,055,654	1,090,114	1,125,816	1,162,823	1,198,934	1,238,701
Charges for Services	729,675	768,731	724,917	819,232	721,692	724,832	724,832	724,832	728,129
Fines and Forfeitures	14,756	10,144	14,600	16,500	17,000	17,000	17,000	17,000	17,000
Fees, Licenses, and Permits	173,866	175,999	167,600	192,589	182,600	168,600	169,100	169,100	169,100
Earnings on Investment	77,049	145,276	140,000	220,000	250,000	275,000	300,000	300,000	300,000
Miscellaneous Revenues	55,281	64,009	54,450	62,659	57,450	56,700	56,700	56,700	56,700
Reimbursements & Refunds	1,048,386	643,204	610,429	708,458	695,943	719,677	740,920	696,045	716,984
<b>Total Operating Receipts</b>	<b>6,743,173</b>	<b>6,473,326</b>	<b>6,616,797</b>	<b>6,928,339</b>	<b>6,975,863</b>	<b>7,124,325</b>	<b>7,285,198</b>	<b>7,355,075</b>	<b>7,499,263</b>
<b>Expenditures</b>									
Council	67,951	82,056	80,643	86,557	83,698	83,728	81,667	78,330	78,370
Boards & Commissions	31,961	31,101	34,103	32,400	33,100	33,100	32,273	35,295	35,295
Administration	239,399	299,595	310,030	307,972	320,116	332,697	337,020	343,107	350,557
Building and Facility Services	266,775	247,939	270,629	272,082	284,845	287,906	287,232	286,052	293,388
Finance Administration	239,290	252,391	259,113	256,594	262,623	269,700	270,065	286,698	293,566
Utility Billing	248,817	272,022	307,826	299,227	314,093	326,975	327,716	323,798	332,370
Income Tax	293,002	276,427	296,949	284,966	301,664	304,806	301,696	296,753	301,149
Law	99,980	161,457	120,806	231,199	166,676	169,471	168,069	145,771	148,511
Police	2,469,255	2,645,009	2,817,837	2,767,861	2,871,732	2,969,073	2,991,373	3,091,912	3,182,161
Fire	160,436	206,748	262,080	255,921	313,165	327,241	326,531	320,424	327,848
Emergency Medical Services	771,234	802,984	877,998	828,498	855,253	865,635	849,421	861,323	865,921
Community & Economic Develop.	324,919	314,901	842,220	334,883	383,167	337,192	333,135	337,013	343,314
Engineering	171,598	180,355	179,270	103,123	85,682	60,949	59,846	40,997	41,215
Parks	444,472	503,347	539,003	497,670	472,213	480,917	474,316	454,785	462,691
Recreation	17,700	17,700	17,700	17,700	17,700	17,700	17,258	17,258	17,258
Non-Departmental	176,477	173,690	186,586	214,234	205,186	208,930	235,401	205,765	208,128
<b>Total Program Expenditures</b>	<b>6,023,266</b>	<b>6,467,722</b>	<b>7,402,793</b>	<b>6,790,886</b>	<b>6,970,912</b>	<b>7,076,020</b>	<b>7,093,019</b>	<b>7,125,279</b>	<b>7,281,741</b>
<b>Total Receipts Over/(Under) Program Disbursements</b>	<b>719,907</b>	<b>5,604</b>	<b>(785,996)</b>	<b>137,453</b>	<b>4,951</b>	<b>48,305</b>	<b>192,179</b>	<b>229,796</b>	<b>217,523</b>

**2019 BUDGET WORKSHEET**  
**GENERAL FUND - SUMMARY REVENUES AND EXPENDITURES**

Description	2016 Actual	2017 Actual	2018 Budget	2018 Estimate	2019 Estimate	2020 Projected	2021 Projected	2022 Projected	2023 Projected
<b>Other Financing Sources/(Uses)</b>									
Refunds	567	-	-	(500)	(500)	(500)	(500)	-	-
Advances In	200,000	-	150,000	-	-	-	-	-	-
Advances (Out)	-	-	-	-	-	-	-	-	-
<b>Total Other Financing Receipts/(Disbursements)</b>	<b>200,567</b>	<b>-</b>	<b>150,000</b>	<b>(500)</b>	<b>(500)</b>	<b>(500)</b>	<b>(500)</b>	<b>-</b>	<b>-</b>
<b>Excess/(Deficiency) of Revenues Over Expenditures</b>									
	920,474	5,604	(635,996)	136,953	4,451	47,805	191,679	229,796	217,523
<b>Fund Balance January 1st</b>	<b>5,135,002</b>	<b>6,055,476</b>	<b>6,061,080</b>	<b>6,061,080</b>	<b>6,198,033</b>	<b>6,202,484</b>	<b>6,250,288</b>	<b>6,441,968</b>	<b>6,671,763</b>
<b>Fund Balance December 31st</b>	<b>6,055,476</b>	<b>6,061,080</b>	<b>5,425,084</b>	<b>6,198,033</b>	<b>6,202,484</b>	<b>6,250,288</b>	<b>6,441,968</b>	<b>6,671,763</b>	<b>6,889,286</b>
<b>Reserve For Encumbrances</b>	<b>122,503</b>	<b>139,978</b>	<b>125,000</b>	<b>125,000</b>	<b>125,000</b>	<b>125,000</b>	<b>125,000</b>	<b>125,000</b>	<b>125,000</b>
<b>Unencumbered Cash 12/31</b>	<b>5,932,973</b>	<b>5,921,102</b>	<b>5,300,084</b>	<b>6,073,033</b>	<b>6,077,484</b>	<b>6,125,288</b>	<b>6,316,968</b>	<b>6,546,763</b>	<b>6,764,286</b>
<b>Minimum Target Fund Balance</b>									
<b>25% of Operating Expenditures</b>	<b>1,505,817</b>	<b>1,616,931</b>	<b>1,850,698</b>	<b>1,697,722</b>	<b>1,742,728</b>	<b>1,769,005</b>	<b>1,773,255</b>	<b>1,781,320</b>	<b>1,820,435</b>
<b>Amount Over/(Under) Target</b>	<b>4,427,156</b>	<b>4,304,171</b>	<b>3,449,386</b>	<b>4,375,311</b>	<b>4,334,756</b>	<b>4,356,283</b>	<b>4,543,713</b>	<b>4,765,443</b>	<b>4,943,851</b>

**Assumptions through 12/31/2023**

**Receipts**

Income Tax Receipts to increase 3% in 2018 and 2019 then 2% per year through 2022

Property Tax Receipts will increase 1.5% per year through 2022

Interest receipts anticipated sharply higher due to Federal Reserve rate increases

**Expenditures**

Includes funding for Full-time Fire/EMS combined Chief. Assumes departments continue to operate as they do currently (part-time EMS and volunteer Fire)

Includes funding for Full-time Assistant Chief in the Police Department

Projections include a 2.5% FOP and non-union cost-of-living wage adjustment for 2019-2021

Health insurance costs increase an average of 5% per year

Total operating expenditures increase approx. 2%-2.5% per year

Economic Development line item was removed to show actual projected expenditures. Future economic development monies may be added as needed.

No monies are transferred into the Capital Improvement Fund for project subsidies through 12/31/2023

No pool fund subsidy projected from 2019-2023.

**2019 BUDGET WORKSHEET**  
**STREET REPAIR & MAINTENANCE FUND - DEPARTMENT: STREET**

<b><u>Account</u></b>	<b><u>Description</u></b>	<b>2016 Actual</b>	<b>2017 Actual</b>	<b>2018 Budget</b>	<b>2018 Projected</b>	<b>2019 Projected</b>	<b>2020 Projected</b>	<b>2021 Projected</b>	<b>2022 Projected</b>	<b>2023 Projected</b>
203.0000.42600	Motor Vehicle License Fees	78,218	82,854	80,800	86,750	86,000	86,860	87,729	88,606	89,492
203.0000.42700	Gasoline Tax	359,949	365,216	356,000	361,979	365,000	365,000	365,000	365,000	365,000
203.0000.44750	Leaf Collection Charge	2	-	-	1	-	-	-	-	-
203.0000.47890	Miscellaneous	160	687	1,500	1,500	1,500	1,500	1,500	1,500	1,500
203.0000.49210	Reimbursements	194	6,180	1,000	7,477	1,000	1,000	1,000	1,000	1,000
<b>Total Receipts</b>		<b>438,523</b>	<b>454,937</b>	<b>439,300</b>	<b>457,707</b>	<b>453,500</b>	<b>454,360</b>	<b>455,229</b>	<b>456,106</b>	<b>456,992</b>
203.3220.51000	Salary & Wages	195,360	224,063	198,866	198,866	188,635	193,111	195,162	200,041	205,042
203.3220.51050	Wages - Seasonal	3,694	5,713	10,200	10,200	10,200	10,200	10,200	10,200	10,200
203.3220.51075	Overtime	8,532	5,949	15,000	17,500	15,000	15,000	15,000	15,000	15,000
203.3220.51110	O.P.E.R.S.	28,882	29,046	31,369	31,719	29,937	30,564	30,851	31,534	32,234
203.3220.51125	Medicare	2,369	2,774	3,249	3,285	3,101	3,166	3,195	3,266	3,339
203.3220.51200	Health Insurance	71,884	72,674	81,901	75,000	75,000	78,750	82,688	86,822	91,163
203.3220.51300	Worker's Compensation	5,927	5,621	5,790	5,403	5,400	5,535	5,673	5,787	5,903
203.3220.51400	Life Insurance	219	207	225	200	200	200	200	315	315
203.3220.51500	Uniforms	2,992	1,980	2,000	2,012	2,000	2,000	2,000	1,940	1,940
	Sub-Total Personnel	319,859	348,027	348,600	344,185	329,473	338,525	344,969	354,905	365,135
203.3220.52100	Travel & Training	1,731	1,792	2,000	2,000	2,000	2,000	2,000	2,000	2,000
203.3220.53100	Utilities	6,039	7,086	9,000	10,000	10,000	10,000	10,000	10,000	10,000
203.3220.53210	Uniform Rental	-	1,998	2,000	2,000	2,000	2,000	2,000	2,000	2,000
203.3220.53352	OSHA Safety/Equipment	-	1,360	2,500	2,500	2,500	2,500	2,500	2,500	2,500
203.3220.53383	Tree Maintenance	5,150	4,297	7,000	7,000	7,000	7,000	7,000	7,000	7,000
203.3220.53420	Facilities Maintenance	3,270	6,713	7,000	7,000	7,000	7,000	7,000	7,000	7,000
203.3220.53440	Radio Maintenance	-	-	970	970	970	970	970	970	970
203.3220.53452	Traffic Signal Maintenance	-	9,622	10,000	5,000	7,500	7,500	7,500	7,500	7,500
203.3220.53480	Catch Basin Replacement	-	7,214	7,500	7,500	7,500	7,500	7,500	7,500	7,500
203.3220.53600	Legal Advertising	153	-	250	250	250	250	250	250	250
203.3220.53960	Contract - Roadside Mowing	5,490	5,151	5,500	5,500	5,500	5,500	5,500	5,500	5,500
203.3220.53990	Other Contractual	15,286	11,588	19,000	19,000	19,000	19,000	19,000	19,000	19,000
203.3220.54510	Asphalt & Gravel	18,089	4,723	20,000	10,000	20,000	20,000	20,000	20,000	20,000
203.3220.54530	Street Signs	1,408	7,939	8,000	8,000	8,000	8,000	8,000	8,000	8,000
203.3220.54700	Other Supplies	4,663	5,381	4,850	4,850	4,850	4,850	4,850	4,850	4,850
203.3220.54800	Storm Sewer Supplies	153	497	1,000	1,000	1,000	1,000	1,000	1,000	1,000
	Sub-Total Other Operating	74,232	75,361	106,570	92,570	105,070	105,070	105,070	105,070	105,070
203.3220.55200	Equipment	-	615	1,000	1,000	1,000	1,000	1,000	1,000	1,000
	Sub-Total Capital Outlay	-	615	1,000	1,000	1,000	1,000	1,000	1,000	1,000
<b>Total Expenditures</b>		<b>394,091</b>	<b>424,003</b>	<b>456,170</b>	<b>437,755</b>	<b>435,543</b>	<b>444,595</b>	<b>451,039</b>	<b>460,975</b>	<b>471,205</b>

**2019 BUDGET WORKSHEET**  
**STREET REPAIR & MAINTENANCE FUND - DEPARTMENT: STREET**

<u>Account</u>	<u>Description</u>	<u>2016 Actual</u>	<u>2017 Actual</u>	<u>2018 Budget</u>	<u>2018 Projected</u>	<u>2019 Projected</u>	<u>2020 Projected</u>	<u>2021 Projected</u>	<u>2022 Projected</u>	<u>2023 Projected</u>
<b>Excess/(Deficiency) of Revenues Over Expenditures</b>		<b>44,432</b>	<b>30,934</b>	<b>(16,870)</b>	<b>19,952</b>	<b>17,957</b>	<b>9,765</b>	<b>4,190</b>	<b>(4,869)</b>	<b>(14,213)</b>
<b>Fund Balance January 1st</b>		<b>233,846</b>	<b>278,278</b>	<b>309,212</b>	<b>309,212</b>	<b>329,164</b>	<b>347,121</b>	<b>356,886</b>	<b>361,076</b>	<b>356,207</b>
<b>Fund Balance December 31st</b>		<b>278,278</b>	<b>309,212</b>	<b>292,342</b>	<b>329,164</b>	<b>347,121</b>	<b>356,886</b>	<b>361,076</b>	<b>356,207</b>	<b>341,994</b>
<b>Reserve For Encumbrances</b>		<b>6,533</b>	<b>6,928</b>	<b>20,000</b>	<b>20,000</b>	<b>20,000</b>	<b>20,000</b>	<b>20,000</b>	<b>20,000</b>	<b>20,000</b>
<b>Unencumbered Cash 12/31</b>		<b>271,745</b>	<b>302,284</b>	<b>272,342</b>	<b>309,164</b>	<b>327,121</b>	<b>336,886</b>	<b>341,076</b>	<b>336,207</b>	<b>321,994</b>
<b>Minimum Target Fund Balance</b>										
<b>0.25% of Operating Expenditures</b>		<b>98,523</b>	<b>105,847</b>	<b>113,793</b>	<b>109,189</b>	<b>108,636</b>	<b>110,899</b>	<b>112,510</b>	<b>114,994</b>	<b>117,551</b>
<b>Amount Over/(Under) Target</b>		<b>173,222</b>	<b>196,437</b>	<b>158,550</b>	<b>199,975</b>	<b>218,485</b>	<b>225,987</b>	<b>228,566</b>	<b>221,214</b>	<b>204,443</b>

**Assumptions through 12/31/2021**

**Receipts**

License Fee Revenue will increase 1.0% annually

Gasoline Tax Revenue is flat through 2022

**Expenditures**

Projections do not include a cost-of-living wage adjustment at this time as the AFSCME contract is in negotiations

Health insurance costs increase an average of 5% per year

Traffic Signal Maintenance was moved from the Electric Fund to the Street Fund to more closely meet the purposes for the traffic signals.

**2019 BUDGET WORKSHEET**  
**STATE HIGHWAY FUND - DEPARTMENT: STREET**

<u>Account</u>	<u>Description</u>	<u>2016 Actual</u>	<u>2017 Actual</u>	<u>2018 Budget</u>	<u>2018 Projected</u>	<u>2019 Projected</u>	<u>2020 Projected</u>	<u>2021 Projected</u>	<u>2022 Projected</u>	<u>2023 Projected</u>
204.0000.42600	Motor Vehicle License Fees	6,342	6,718	6,488	7,040	7,000	7,035	7,070	7,106	7,141
204.0000.42700	Gasoline Tax	29,185	29,612	29,000	29,350	29,500	29,500	29,500	28,500	28,500
204.0000.49210	Reimbursements	-	-	-	-	-	-	-	-	-
<b>Total Receipts</b>		<b>35,527</b>	<b>36,330</b>	<b>35,488</b>	<b>36,390</b>	<b>36,500</b>	<b>36,535</b>	<b>36,570</b>	<b>35,606</b>	<b>35,641</b>
204.3230.53960	Contract - Street Lines	2,500	641	2,500	1,859	2,500	2,500	2,500	2,500	2,500
204.3230.53990	Other Contractual	1,877	1,894	7,000	10,019	7,000	7,000	7,000	7,000	7,000
204.3230.54510	Asphalt & Gravel	-	-	6,000	5,000	6,000	6,000	6,000	6,000	6,000
204.3230.54520	Salt	8,715	3,382	15,000	15,000	15,000	15,000	15,000	15,000	15,000
204.3230.54700	Other Supplies	-	517	1,000	1,414	1,000	1,000	1,000	1,000	1,000
	Sub-Total Other Operating	13,092	6,434	31,500	33,292	31,500	31,500	31,500	31,500	31,500
<b>Total Expenditures</b>		<b>13,092</b>	<b>6,434</b>	<b>31,500</b>	<b>33,292</b>	<b>31,500</b>	<b>31,500</b>	<b>31,500</b>	<b>31,500</b>	<b>31,500</b>
<b>Excess/(Deficiency) of Revenues</b>										
<b>Over Expenditures</b>		<b>22,435</b>	<b>29,896</b>	<b>3,988</b>	<b>3,098</b>	<b>5,000</b>	<b>5,035</b>	<b>5,070</b>	<b>4,106</b>	<b>4,141</b>
<b>Fund Balance January 1st</b>		<b>143,555</b>	<b>165,990</b>	<b>195,886</b>	<b>195,886</b>	<b>198,984</b>	<b>203,984</b>	<b>209,019</b>	<b>214,089</b>	<b>218,195</b>
<b>Fund Balance December 31st</b>		<b>165,990</b>	<b>195,886</b>	<b>199,874</b>	<b>198,984</b>	<b>203,984</b>	<b>209,019</b>	<b>214,089</b>	<b>218,195</b>	<b>222,336</b>
<b>Reserve For Encumbrances</b>		<b>11,285</b>	<b>7,354</b>	<b>2,500</b>	<b>2,500</b>	<b>2,500</b>	<b>2,500</b>	<b>2,500</b>	<b>2,500</b>	<b>2,500</b>
<b>Unencumbered Cash 12/31</b>		<b>154,705</b>	<b>188,532</b>	<b>197,374</b>	<b>196,484</b>	<b>201,484</b>	<b>206,519</b>	<b>211,589</b>	<b>215,695</b>	<b>219,836</b>
<b>Minimum Target Fund Balance</b>										
<b>0.25% of Operating Expenditures</b>		<b>3,273</b>	<b>1,609</b>	<b>7,875</b>	<b>8,323</b>	<b>7,875</b>	<b>7,875</b>	<b>7,875</b>	<b>7,875</b>	<b>7,875</b>
<b>Amount Over/(Under) Target</b>		<b>151,432</b>	<b>186,924</b>	<b>189,499</b>	<b>188,161</b>	<b>193,609</b>	<b>198,644</b>	<b>203,714</b>	<b>207,820</b>	<b>211,961</b>

**Assumptions through 12/31/2015**

**Receipts**

License Fee Revenue will increase 0.50% annually

Gasoline Tax Revenue is flat through 2023

**Expenditures**

Expenditures remain essentially flat with 2016-2017 budgets

Contract-Street Line repainting moved to the Municipal Road Fund to more closely align with dollars spent on City streets versus State Highways

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**2019 BUDGET WORKSHEET**  
**MUNICIPAL ROAD FUND - DEPARTMENT: STREET**

<u>Account</u>	<u>Description</u>	<u>2016 Actual</u>	<u>2017 Actual</u>	<u>2018 Budget</u>	<u>2018 Projected</u>	<u>2019 Projected</u>	<u>2020 Projected</u>	<u>2021 Projected</u>	<u>2022 Projected</u>	<u>2023 Projected</u>
205.0000.42800	Permissive License Fees	220,877	221,210	225,115	225,115	226,241	227,372	228,509	229,652	230,800
205.0000.47890	Miscellaneous	-	307	500	250	250	250	250	500	500
205.0000.49210	Reimbursements	60	1,287	-	1,569	1,000	1,000	1,000	-	-
<b>Total Receipts</b>		<b>220,937</b>	<b>222,804</b>	<b>225,615</b>	<b>226,934</b>	<b>227,491</b>	<b>228,622</b>	<b>229,759</b>	<b>230,152</b>	<b>231,300</b>
205.3240.51000	Salary & Wages	56,641	58,142	60,241	58,500	59,804	60,225	60,225	61,430	62,658
205.3240.51075	Overtime	2,903	1,357	5,000	5,000	5,000	5,000	5,000	5,000	5,000
205.3240.51110	O.P.E.R.S.	8,336	8,330	9,134	8,890	9,073	9,132	9,132	9,300	9,472
205.3240.51125	Medicare	791	803	873	848	867	873	873	891	909
205.3240.51200	Health Insurance	18,833	24,155	27,031	24,632	25,532	26,809	28,149	29,556	31,034
205.3240.51300	Worker's Compensation	1,604	1,615	1,632	1,425	1,425	1,461	1,497	1,527	1,558
205.3240.51400	Life Insurance	55	51	55	55	55	55	55	55	55
	Sub-Total Personnel	89,163	94,453	103,966	99,350	101,756	103,554	104,931	107,759	110,686
205.3240.53410	Equipment Maintenance	12,547	20,547	26,000	20,547	26,000	26,000	26,000	20,033	20,033
205.3240.53480	Catch Basin Replacement	-	-	2,000	-	2,000	2,000	2,000	-	-
205.3240.53500	Insurance	-	9,150	9,791	9,868	10,855	11,940	13,134	14,054	15,037
205.3240.53960	Contract - Street Lines	7,500	7,500	7,500	7,500	7,500	7,500	7,500	7,313	7,313
205.3240.53990	Other Contractual	531	660	750	660	750	750	750	644	644
205.3240.54200	Equipment Operation	8,239	9,993	10,000	21,662	20,000	20,000	20,000	9,743	9,743
205.3240.54400	Small Tools	730	1,918	1,500	1,500	1,500	1,500	1,500	1,870	1,870
205.3240.54510	Asphalt & Gravel	849	5,161	10,000	10,000	10,000	10,000	10,000	5,032	5,032
205.3240.54520	Salt	17,381	9,248	50,000	25,285	50,000	50,000	50,000	9,017	9,017
205.3240.54530	Street Signs	456	4,278	5,000	4,278	5,000	5,000	5,000	4,171	4,171
205.3240.54535	Street Flags and Banners	3,675	3,656	5,000	3,656	5,000	5,000	5,000	3,565	3,565
205.3240.54540	Traffic Cones	-	945	1,000	945	1,000	1,000	1,000	921	921
205.3240.54700	Other Supplies	3,452	4,943	4,000	4,943	4,000	4,000	4,000	4,819	4,819
	Sub-Total Other Operating	55,360	77,999	132,541	110,844	143,605	144,690	145,884	81,181	82,165

**2019 BUDGET WORKSHEET**  
**MUNICIPAL ROAD FUND - DEPARTMENT: STREET**

<u>Account</u>	<u>Description</u>	<u>2016 Actual</u>	<u>2017 Actual</u>	<u>2018 Budget</u>	<u>2018 Projected</u>	<u>2019 Projected</u>	<u>2020 Projected</u>	<u>2021 Projected</u>	<u>2022 Projected</u>	<u>2023 Projected</u>
205.3240.55200	Equipment	-	670	2,000	2,000	2,000	2,000	2,000	2,000	2,000
	Sub-Total Capital Outlay		-	670	2,000	2,000	2,000	2,000	2,000	2,000
205.3240.57130	Trf-Bond Ret. Fund - Prin.	10,000	10,000	-	-	-	-	-	-	-
205.3240.57140	Trf-Bond Ret. Fund - Int.	800	415	-	-	-	-	-	-	-
	Sub-Total Transfers	10,800	10,415	-	-	-	-	-	-	-
<b>Total Expenditures</b>		<b>155,323</b>	<b>183,537</b>	<b>238,507</b>	<b>212,194</b>	<b>247,361</b>	<b>250,244</b>	<b>252,815</b>	<b>190,940</b>	<b>194,851</b>
<b>Excess/(Deficiency) of Revenues Over Expenditures</b>		<b>65,614</b>	<b>39,267</b>	<b>(12,892)</b>	<b>14,740</b>	<b>(19,870)</b>	<b>(21,622)</b>	<b>(23,056)</b>	<b>39,211</b>	<b>36,449</b>
<b>Fund Balance January 1st</b>		<b>305,521</b>	<b>371,135</b>	<b>410,402</b>	<b>410,402</b>	<b>425,142</b>	<b>405,272</b>	<b>383,650</b>	<b>360,594</b>	<b>399,805</b>
<b>Fund Balance December 31st</b>		<b>371,135</b>	<b>410,402</b>	<b>397,510</b>	<b>425,142</b>	<b>405,272</b>	<b>383,650</b>	<b>360,594</b>	<b>399,805</b>	<b>436,254</b>
<b>Reserve For Encumbrances</b>		<b>94,851</b>	<b>51,574</b>	<b>10,000</b>	<b>10,000</b>	<b>10,000</b>	<b>10,000</b>	<b>10,000</b>	<b>10,000</b>	<b>10,000</b>
<b>Unencumbered Cash 12/31</b>		<b>276,284</b>	<b>358,828</b>	<b>387,510</b>	<b>415,142</b>	<b>395,272</b>	<b>373,650</b>	<b>350,594</b>	<b>389,805</b>	<b>426,254</b>
<b>Minimum Target Fund Balance</b>										
<b>0.25% of Operating Expenditures</b>		<b>38,831</b>	<b>45,717</b>	<b>59,127</b>	<b>52,549</b>	<b>61,340</b>	<b>62,061</b>	<b>62,704</b>	<b>47,235</b>	<b>48,213</b>
<b>Amount Over/(Under) Target</b>		<b>237,453</b>	<b>313,111</b>	<b>328,383</b>	<b>362,593</b>	<b>333,932</b>	<b>311,589</b>	<b>287,890</b>	<b>342,570</b>	<b>378,041</b>

**Assumptions through 12/31/2021**

**Receipts**

Permissive License Fee Revenue will increase 0.50% annually through 2023

**Expenditures**

Projections do not include a cost-of-living wage adjustment at this time as the AFSCME contract is in negotiations

Health insurance costs increase an average of 5% per year

Expenditures for non-payroll related items remain essentially flat with 2017-2018 budgets

**2019 BUDGET WORKSHEET**  
**CAPITAL IMPROVEMENT RESERVE FUND**

<u>Account</u>	<u>Description</u>	<u>2017 Actual</u>	<u>2018 Budget</u>	<u>2018 Projected</u>	<u>2019 Projected</u>	<u>2020 Projected</u>	<u>2021 Projected</u>	<u>2022 Projected</u>	<u>2023 Projected</u>
417.0000.41500	Income Tax Receipts (.2%)	798,636	871,825	871,825	897,980	915,940	934,258	952,944	972,002
417.0000.41500	Income Tax Receipts (.25% eff. 7-1-11)	996,845	1,087,513	1,087,513	1,120,138	1,142,541	1,165,392	1,188,699	1,212,473
417.0000.41500	Income Tax Receipts (.25% eff. 1-1-13)	996,845	1,087,513	1,087,513	1,120,138	1,142,541	1,165,392	1,188,699	1,212,473
417.0000.43100	Federal Grant	63,530	-	100,000	-	2,885,080	-	-	-
417.0000.43210	State/Local Grant	5,156	405,000	205,804	-	-	-	-	-
417.0000.44190	Township - EMS Share	-	50,000	57,440	-	-	-	-	-
417.0000.47100	Sale of Assets	23,149	15,000	16,559	15,000	15,000	15,000	15,000	15,000
417.0000.47410	Assessments-SWC&G	34,035	60,000	26,205	35,000	35,000	60,000	60,000	60,000
417.0000.47700	Donations - Parks	17,860	-	14,276	10,000	10,000	10,000	10,000	10,000
417.0000.49210	Reimbursements	507	1,000	65,625	1,000	1,000	1,000	1,000	1,000
417.0000.49520	Advance In	-	-	-	-	-	-	-	-
<b>Total Receipts</b>		<b>2,936,563</b>	<b>3,577,851</b>	<b>3,532,760</b>	<b>3,199,256</b>	<b>6,147,101</b>	<b>3,351,042</b>	<b>3,416,342</b>	<b>3,482,949</b>
417.7100.53930	County Auditor Fees	1,693	2,100	1,453	2,100	2,100	2,100	2,100	2,100
417.7100.53992	Auction Expenses	1,605	1,000	1,242	500	500	1,000	1,000	1,000
	Sub-Total Other Operating	3,298	3,100	2,695	2,600	2,600	3,100	3,100	3,100
417.7100.55100	Facilities	30,879	191,500	208,415	26,000	147,500	68,000	30,000	35,000
417.7100.55101	Public Restrooms in Comm Svcs Bldg	98,878	-	-	-	-	-	-	-
417.7100.55102	Public Restrooms in City Park	-	150,000	-	-	-	-	-	-
417.7100.55104	Kyle Park Soccer Field Improvements	101,497	-	-	-	-	-	-	-
417.7100.55105	Facilities - Parks	95,072	150,000	95,000	132,000	132,000	40,000	150,000	50,000
417.7100.55106	Storage Facility/Land Purchase	414	-	-	-	-	-	-	-
417.7100.55107	Fire Station Improvements	11,506	-	-	-	-	-	-	-
417.7100.55110	Old City Building Renovation	2,651	-	-	-	-	-	-	15,000
417.7100.55141	Update Comprehensive Master Plan	74,099	-	-	-	-	-	-	-
417.7100.55200	Equipment - Administration	26,983	54,000	54,000	32,000	70,000	102,000	22,000	22,000
417.7100.55201	Equipment - Fire	72,733	43,000	35,989	18,000	269,000	19,500	33,000	65,000
417.7100.55202	Equipment - EMS	-	28,800	281,229	45,000	30,800	102,000	656,000	100,000
417.7100.55203	Equipment - Police	112,120	109,250	133,102	122,000	139,000	107,000	108,500	110,000
417.7100.55205	Equipment - Street	10,130	190,000	177,702	11,250	235,000	-	-	22,000
417.7100.55206	Equipment - Parks	10,095	10,750	6,505	56,000	56,750	56,250	29,250	11,250
417.7100.55208	Equipment - TFAC	3,820	219,000	233,438	52,000	13,000	30,000	50,000	45,000
417.7100.55209	Equipment - Engineering	18,404	-	-	-	-	-	-	-
417.7100.55220	Info Tech. Upgrade	58,505	95,550	95,550	203,430	105,400	72,150	59,575	82,200
417.7100.55510	Street Resurfacing	486,771	560,000	485,018	570,000	580,000	590,000	600,000	610,000
417.7100.55520	Sidewalks, Curbs, & Gutters	-	40,000	40,000	45,000	50,000	50,000	50,000	50,000
417.7100.55530	Alley Repair/Resurfacing	-	25,000	25,000	25,000	25,000	25,000	25,000	25,000
417.7100.55531	Stormsewer Improvements	-	85,000	34,295	185,000	90,000	40,000	45,000	45,000
417.7100.55536	Maple Hill Bridge Reconstruction	18,144	390,000	335,607	-	-	-	-	-

**2019 BUDGET WORKSHEET**  
**CAPITAL IMPROVEMENT RESERVE FUND**

<u>Account</u>	<u>Description</u>	2017 Actual	2018 Budget	2018 Projected	2019 Projected	2020 Projected	2021 Projected	2022 Projected	2023 Projected
417.7100.55537	I-75 Interchange Improvements	-	-	-	-	-	250,000	-	-
417.7100.55539	S. Kinna Dr. (W. Main to existing Kinna)	-	-	-	100,000	-	-	-	-
417.7100.55540	W. Plum St. Reconstruction	-	-	-	-	300,000	-	-	-
417.7100.55541	Wunderwood Drive Improvements	-	-	-	-	175,000	-	-	-
417.7100.55553	N. Hyatt-Park Traffic Signal	-	22,000	-	-	240,000	-	-	-
417.7100.55555	Main St. Streetscape	66,165	20,000	50,000	75,000	1,842,000	-	-	-
417.7100.55556	County Road 25A Reconstruction	216,615	-	350,000	75,000	1,490,000	-	-	-
417.7100.55557	Kyle Park Road	-	-	20,000	-	-	-	-	-
417.7100.55558	Wagon Wheel Dr. Widening	-	-	-	50,000	-	-	-	150,000
417.7100.55562	Weller Drive Improvements	132,847	-	-	-	-	-	-	-
417.7100.55569	I-75 Storm Drainage Improvements	-	-	-	350,000	-	-	-	-
Sub-Total Capital Outlay		1,648,328	2,383,850	2,660,850	2,172,680	5,990,450	1,551,900	1,858,325	1,437,450
417.7100.57130	Trf-Bond Ret. Fund Prin.	806,800	865,800	990,800	905,800	268,300	48,300	48,300	48,300
417.7100.57140	Trf-Bond Ret. Fund Int.	44,194	52,325	52,325	31,188	5,500	-	-	-
417.7100.57305	Revenue Sharing (CRA Tax Abatement)	36,254	37,500	61,540	65,000	65,000	65,000	65,000	65,000
417.7100.57310	Tax Refunds	80,794	75,000	75,000	75,000	75,000	75,000	75,000	75,000
417.7100.57500	Advance Out (to General Fund)	-	150,000	-	-	-	-	-	-
Sub-Total Transfer/Refunds		968,042	1,180,625	1,179,665	1,076,988	413,800	188,300	188,300	188,300
<b>Total Expenditures</b>		<b>2,619,668</b>	<b>3,567,575</b>	<b>3,843,210</b>	<b>3,252,268</b>	<b>6,406,850</b>	<b>1,743,300</b>	<b>2,049,725</b>	<b>1,628,850</b>
<b>Excess/(Deficiency) of Revenues Over Expenditures</b>		<b>316,895</b>	<b>10,276</b>	<b>(310,450)</b>	<b>(53,012)</b>	<b>(259,749)</b>	<b>1,607,742</b>	<b>1,366,617</b>	<b>1,854,099</b>
<b>Fund Balance January 1st</b>		<b>1,162,221</b>	<b>1,479,116</b>	<b>1,479,116</b>	<b>1,168,666</b>	<b>1,115,654</b>	<b>855,905</b>	<b>2,463,647</b>	<b>3,830,264</b>
<b>Fund Balance December 31st</b>		<b>1,479,116</b>	<b>1,489,392</b>	<b>1,168,666</b>	<b>1,115,654</b>	<b>855,905</b>	<b>2,463,647</b>	<b>3,830,264</b>	<b>5,684,363</b>
<b>Reserve For Encumbrances</b>		<b>1,148,980</b>	<b>100,000</b>	<b>370,000</b>	<b>100,000</b>	<b>100,000</b>	<b>100,000</b>	<b>100,000</b>	<b>100,000</b>
<b>Unencumbered Cash 12/31</b>		<b>330,136</b>	<b>1,389,392</b>	<b>798,666</b>	<b>1,015,654</b>	<b>755,905</b>	<b>2,363,647</b>	<b>3,730,264</b>	<b>5,584,363</b>

**Assumptions through 12/31/2019**

**Receipts**

Income Tax Receipts budgeted to increase 3% in 2019 then 2% per year through 2023

2022-2023 Expenditures assumes the CIP Income Tax Levy is renewed

**Expenditures**

Expenditures are based on the 2019-2023 Capital Improvement Plan currently before Council

**2019 BUDGET WORKSHEET**  
**ELECTRIC FUND - REVENUE-EXPENDITURE ANALYSIS**

<b>Account</b>	<b>Description</b>	<b>2017 Actual</b>	<b>2018 Budget</b>	<b>2018 Projected</b>	<b>2019 Projected</b>	<b>2020 Projected</b>	<b>2021 Projected</b>	<b>2022 Projected</b>	<b>2023 Projected</b>
605.0000.43230	ODOT/CMAQ Grant	124,335	-	120,227	-	-	-	-	-
605.0000.44310	Electric Light & Power Charges	16,853,989	17,667,127	18,373,812	18,542,503	19,469,628	20,443,110	21,465,265	22,538,528
605.0000.44330	Electric Line Extension Fees	26,582	50,000	50,000	50,000	50,000	50,000	50,000	50,000
605.0000.47100	Sale of Assets	15,850	-	-	-	-	-	-	-
605.0000.47435	Assessments	2,061	2,061	2,061	2,061	2,061	2,061	2,061	2,061
605.0000.47850	NAWA- Generator Charges	30,561	107,500	110,083	110,500	110,500	57,500	57,500	57,500
605.0000.47890	Other Misc. Revenue	299,156	75,000	75,000	75,000	75,000	75,000	75,000	75,000
605.0000.48110	Sale of G.O. Notes	6,115,000	5,250,000	5,250,000	4,900,000	4,550,000	4,200,000	3,850,000	3,500,000
605.0000.48160	Premium on Sale of Debt	27,060	15,000	21,840	20,000	20,000	15,000	15,000	15,000
605.0000.49210	Reimbursements	275,042	25,000	35,897	25,000	25,000	25,000	25,000	25,000
605.0000.49999	Credit Card Clearance	(700)	-	-	-	-	-	-	-
<b>Total Receipts</b>		<b>23,768,936</b>	<b>23,191,688</b>	<b>24,038,920</b>	<b>23,725,064</b>	<b>24,302,189</b>	<b>24,867,671</b>	<b>25,539,826</b>	<b>26,263,089</b>
Administration	Personnel	108,063	111,284	108,974	102,721	107,812	112,217	111,403	115,941
	Other Operating	780,691	822,938	812,618	853,399	866,119	888,182	879,182	901,906
	Debt Service	1,240,669	6,286,959	6,221,519	5,426,250	5,065,500	4,704,750	4,344,000	3,983,250
	Transfers	224,520	232,221	232,221	246,731	256,751	266,332	274,929	279,580
	<b>Sub-total Administration</b>	<b>2,353,943</b>	<b>7,453,402</b>	<b>7,375,332</b>	<b>6,629,101</b>	<b>6,296,181</b>	<b>5,971,481</b>	<b>5,609,514</b>	<b>5,280,677</b>
Distribution	Personnel	1,222,620	1,160,125	1,175,837	1,175,509	1,207,814	1,243,097	1,287,720	1,341,434
	Operating	378,172	508,560	414,999	520,309	506,190	517,759	526,085	535,244
	Capital Outlay	1,771,949	4,004,000	6,226,007	412,500	1,990,000	340,000	2,755,000	595,000
	Refunds	1,783	4,000	2,000	4,000	4,000	4,000	4,000	4,000
	<b>Sub-Total Distribution</b>	<b>3,374,524</b>	<b>5,676,685</b>	<b>7,818,843</b>	<b>2,112,318</b>	<b>3,708,004</b>	<b>2,104,857</b>	<b>4,572,805</b>	<b>2,475,678</b>
Purchase of Power		13,039,610	13,427,068	14,253,418	14,681,021	15,415,072	16,185,826	16,995,117	17,844,873
<b>Total Expenditures</b>		<b>18,768,077</b>	<b>26,557,155</b>	<b>29,447,593</b>	<b>23,422,440</b>	<b>25,419,258</b>	<b>24,262,163</b>	<b>27,177,436</b>	<b>25,601,227</b>

**2019 BUDGET WORKSHEET**  
**ELECTRIC FUND - REVENUE-EXPENDITURE ANALYSIS**

<u>Account</u>	<u>Description</u>	<u>2017 Actual</u>	<u>2018 Budget</u>	<u>2018 Projected</u>	<u>2019 Projected</u>	<u>2020 Projected</u>	<u>2021 Projected</u>	<u>2022 Projected</u>	<u>2023 Projected</u>
<b>Excess/(Deficiency) of Revenues Over Expenditures</b>		<b>5,000,859</b>	<b>(3,365,467)</b>	<b>(5,408,673)</b>	<b>302,624</b>	<b>(1,117,069)</b>	<b>605,507</b>	<b>(1,637,610)</b>	<b>661,862</b>
<b>Fund Balance January 1st</b>		<b>6,646,155</b>	<b>11,647,014</b>	<b>11,647,014</b>	<b>6,238,341</b>	<b>6,540,964</b>	<b>5,423,896</b>	<b>6,029,403</b>	<b>4,391,793</b>
<b>Fund Balance December 31st</b>		<b>11,647,014</b>	<b>8,281,547</b>	<b>6,238,341</b>	<b>6,540,964</b>	<b>5,423,896</b>	<b>6,029,403</b>	<b>4,391,793</b>	<b>5,053,655</b>
<b>Reserve For Encumbrances</b>		<b>6,344,167</b>	<b>2,000,000</b>	<b>2,000,000</b>	<b>1,000,000</b>	<b>1,000,000</b>	<b>1,000,000</b>	<b>1,000,000</b>	<b>1,000,000</b>
<b>Unencumbered Fund Balance at December 31</b>		<b>5,302,847</b>	<b>6,281,547</b>	<b>4,238,341</b>	<b>5,540,964</b>	<b>4,423,896</b>	<b>5,029,403</b>	<b>3,391,793</b>	<b>4,053,655</b>
Minimum Target Fund Balance									
25% of Operating Expenses		2,857,375	2,925,777	3,005,950	3,087,045	3,179,555	3,285,875	3,389,219	3,508,385
Amount Over/(Under) Target		2,445,472	3,355,770	1,232,390	2,453,919	1,244,340	1,743,528	2,574	545,270

**Assumptions**

**Receipts**

Assumes no rate increase. Revenue increase 5% per year due to higher consumption and purchased power cost increases.

The City is involved in a cost of service study (typically done every 8-10 years) which **may** recommend a "rebalancing" of charges with an increased base charge (cost of providing service irrespective of usage) with slightly lower power cost allocation.

The last cost of service study contained this recommendation and the City at that time only partially implemented the restructuring recommendation.

**Expenditures**

Operating expenditures (less Capital, Debt, and Purchase Power costs) are forecast between 97% and 97.5% of annual budget

Projections do not include a cost-of-living wage adjustment at this time as the AFSCME contract is in negotiations

Assumes 5% average growth in purchased power costs (combination cost increase and consumption increase)

Assumes cash payment for Substation #3 improvements (\$2M) in 2022.

**2019 BUDGET WORKSHEET**  
**WATER FUND - REVENUE-EXPENDITURE ANALYSIS**

<u>Account</u>	<u>Description</u>	<u>2016 Actual</u>	<u>2017 Actual</u>	<u>2018 Budget</u>	<u>2018 Projected</u>	<u>2019 Projected</u>	<u>2020 Projected</u>	<u>2021 Projected</u>	<u>2022 Projected</u>	<u>2023 Projected</u>
608.0000.43200	State Grant	-	-	-	-	-	-	-	235,000	-
608.0000.44410	Water & Supply Charges	2,850,049	2,798,250	2,904,067	2,816,945	3,271,508	3,369,653	3,470,743	3,574,865	3,682,111
608.0000.44420	Sale of Bulk Water	2,451	1,427	-	8,329	-	-	-	1,000	1,000
608.0000.44430	Water Tap-In Fees	21,880	60,175	30,000	50,000	40,000	40,000	30,000	30,000	30,000
608.0000.44450	Intervening User Fees	-	149	5,000	4,211	5,000	5,000	5,000	5,000	5,000
608.0000.44465	NAWA-Plant Charges	371,828	410,845	402,085	385,473	491,011	501,646	511,157	523,908	537,051
608.0000.44475	NAWA- Well Charges	22,708	23,361	23,000	23,334	23,500	23,500	23,500	23,000	23,000
608.0000.47100	Sale of Assets	-	-	1,000	1,000	1,000	1,000	1,000	1,000	1,000
608.0000.47300	Rental Income	-	-	10,000	-	-	-	-	10,000	10,000
608.0000.47430	Assessments - Water	3,103	3,125	3,500	4,211	3,500	3,500	3,500	13,500	13,500
608.0000.47890	Miscellaneous	2,239	1,394	3,000	2,000	2,000	2,000	2,000	3,000	3,000
608.0000.48110	Sale of Notes	2,180,000	1,948,000	1,693,999	1,678,000	1,438,332	1,232,665	1,526,998	1,496,331	1,250,664
608.0000.48160	Premium on Debt Sale	10,512	8,932	10,500	6,912	10,500	10,500	10,500	10,500	10,500
608.0000.49210	Reimbursements	531	13,724	3,000	16,779	10,000	10,000	10,000	3,000	3,000
<b>Total Receipts</b>		<b>5,465,301</b>	<b>5,269,382</b>	<b>5,089,151</b>	<b>4,997,194</b>	<b>5,296,350</b>	<b>5,199,464</b>	<b>5,594,397</b>	<b>5,930,104</b>	<b>5,569,826</b>
Administration	Personnel	40,530	48,989	51,936	48,230	47,839	50,184	52,645	54,003	55,403
	Other Operating	25,821	17,840	40,800	30,048	44,800	39,600	40,600	40,600	40,600
	Debt Service	2,111,897	2,258,288	2,065,923	2,062,023	1,747,529	1,657,749	1,454,132	1,758,323	1,741,121
	Transfers	147,442	135,254	151,201	151,201	155,864	161,659	166,903	169,904	175,341
	<b>Sub-total Administration</b>	<b>2,325,690</b>	<b>2,460,371</b>	<b>2,309,860</b>	<b>2,291,502</b>	<b>1,996,032</b>	<b>1,909,192</b>	<b>1,714,280</b>	<b>2,022,829</b>	<b>2,012,465</b>
Distribution	Personnel	265,004	267,743	283,486	250,944	264,010	270,910	276,580	282,847	289,237
	Operating	111,665	110,821	195,647	166,296	204,855	384,851	385,937	387,831	389,590
	Capital Outlay	456,023	95,011	150,250	184,319	66,250	265,000	645,000	519,000	94,500
	Refunds	-	214	1,500	-	1,500	1,500	1,500	1,500	1,500
	<b>Sub-Total Distribution</b>	<b>832,692</b>	<b>473,789</b>	<b>630,883</b>	<b>601,559</b>	<b>536,615</b>	<b>922,260</b>	<b>1,309,017</b>	<b>1,191,178</b>	<b>774,827</b>
Treatment	Personnel	378,480	402,746	402,085	385,473	491,011	501,646	511,157	523,908	537,051
	Operating	1,855,498	1,913,515	2,047,569	2,047,569	2,129,472	2,193,356	2,259,157	2,326,932	2,396,739
	<b>Sub-Total Distribution</b>	<b>2,233,978</b>	<b>2,316,261</b>	<b>2,449,654</b>	<b>2,433,042</b>	<b>2,620,483</b>	<b>2,695,002</b>	<b>2,770,314</b>	<b>2,850,839</b>	<b>2,933,790</b>
<b>Total Expenditures</b>		<b>5,392,360</b>	<b>5,250,421</b>	<b>5,390,397</b>	<b>5,326,102</b>	<b>5,153,129</b>	<b>5,526,454</b>	<b>5,793,611</b>	<b>6,064,846</b>	<b>5,721,082</b>

**2019 BUDGET WORKSHEET**  
**WATER FUND - REVENUE-EXPENDITURE ANALYSIS**

<u>Account</u>	<u>Description</u>	<u>2016 Actual</u>	<u>2017 Actual</u>	<u>2018 Budget</u>	<u>2018 Projected</u>	<u>2019 Projected</u>	<u>2020 Projected</u>	<u>2021 Projected</u>	<u>2022 Projected</u>	<u>2023 Projected</u>
<b>Excess/(Deficiency) of Revenues Over Expenditures</b>		<b>72,941</b>	<b>18,961</b>	<b>(301,246)</b>	<b>(328,908)</b>	<b>143,221</b>	<b>(326,991)</b>	<b>(199,213)</b>	<b>(134,743)</b>	<b>(151,256)</b>
<b>Fund Balance January 1st</b>		<b>1,280,623</b>	<b>1,353,564</b>	<b>1,372,525</b>	<b>1,372,525</b>	<b>1,043,617</b>	<b>1,186,838</b>	<b>859,847</b>	<b>660,634</b>	<b>525,892</b>
<b>Fund Balance December 31st</b>		<b>1,353,564</b>	<b>1,372,525</b>	<b>1,071,279</b>	<b>1,043,617</b>	<b>1,186,838</b>	<b>859,847</b>	<b>660,634</b>	<b>525,892</b>	<b>374,635</b>
<b>Reserve For Encumbrances</b>		<b>66,812</b>	<b>420,042</b>	<b>100,000</b>	<b>100,000</b>	<b>100,000</b>	<b>100,000</b>	<b>100,000</b>	<b>100,000</b>	<b>100,000</b>
<b>Unencumbered Balance at December 31</b>		<b>1,286,752</b>	<b>952,483</b>	<b>971,279</b>	<b>943,617</b>	<b>1,086,838</b>	<b>759,847</b>	<b>560,634</b>	<b>425,892</b>	<b>274,635</b>
Minimum Target Fund Balance										
25% of Operating Expenses		977,962	996,768	1,081,477	1,062,389	1,100,527	1,163,957	1,184,272	1,204,346	1,275,545
Amount Over/(Under) Target		308,790	(44,285)	(110,198)	(118,772)	(13,689)	(404,109)	(623,638)	(778,454)	(1,000,909)

**Assumptions:**

**Receipts**

Does not include future rate increases although future rate increases may be needed to support capital improvement projects and increased operating costs.

Assumes revenue increase 3% per year due to higher consumption.

Includes 50% OPWC funding for 4th Street/5th Street waterline replacement in 2022

**Expenditures**

Projections do not include a cost-of-living wage adjustment at this time as the AFSCME contract is in negotiations

Health insurance costs increase an average of 5% per year

Expenditures for non-payroll related items remain essentially flat with 2017-2018 budgets

\$200,000 per year is included in 2020-2023 (and thereafter) for preventive tank maintenance and

regularly scheduled painting rather than waiting 10-15 years for repair and maintenance then spending millions on deferred maintenance

NAWA expenses assumes costs will increase approx. 3% per year (combination rates and additional consumption)

**2019 BUDGET WORKSHEET**  
**SEWER FUND - REVENUE-EXPENDITURE ANALYSIS**

<u>Account</u>	<u>Description</u>	<u>2016 Actual</u>	<u>2017 Actual</u>	<u>2018 Budget</u>	<u>2018 Projected</u>	<u>2019 Projected</u>	<u>2020 Projected</u>	<u>2021 Projected</u>	<u>2022 Projected</u>	<u>2023 Projected</u>
620.0000.43200	State Grants	-	193,299	-	-	-	-	-	-	-
620.0000.43205	Local Grants	-	193,298	-	-	-	-	-	-	-
620.0000.44510	Sewer Charges	1,845,457	1,841,013	1,880,109	1,917,711	1,956,065	1,995,187	2,035,090	2,075,792	2,117,308
620.0000.44530	Sewer Tap-In Fees	20,104	47,313	25,000	51,555	50,000	50,000	25,000	25,000	25,000
620.0000.44550	Sewer Intervening User	-	1,221	-	-	-	-	-	-	-
620.0000.44561	County I&I Surcharge	5,175	12,236	7,500	7,759	8,000	8,000	8,000	7,500	7,500
620.0000.44562	Admin Fee - County I&I	575	1,360	1,000	1,000	1,000	1,000	1,000	1,000	1,000
620.0000.47440	N.E. Sewer Assessments	-	7,114	-	-	-	-	-	-	-
620.0000.47445	Assessments - Sewer	7,187	6,424	7,500	7,651	7,500	7,500	7,500	7,500	7,500
620.0000.47890	Other Misc. Revenue	458	203	500	500	500	500	500	500	500
620.0000.48110	Sale of G.O. Notes	1,647,000	1,489,000	1,277,500	1,277,500	945,000	810,000	675,000	540,000	405,000
620.0000.48160	Premium on Sale of Debt	7,913	6,782	10,000	5,383	7,500	7,500	8,000	7,500	7,500
620.0000.49210	Reimbursements	232	5,730	1,000	8,864	5,000	5,000	5,000	1,000	1,000
<b>Total Receipts</b>		<b>3,534,101</b>	<b>3,804,993</b>	<b>3,210,109</b>	<b>3,277,923</b>	<b>2,980,565</b>	<b>2,884,687</b>	<b>2,765,090</b>	<b>2,665,792</b>	<b>2,572,308</b>
Administration	Personnel	43,406	50,602	52,500	50,687	50,005	52,476	56,477	58,152	59,885
	Other Operating	13,471	11,977	24,100	16,784	20,100	16,100	20,100	20,100	20,100
	Debt Service	1,473,064	1,682,251	1,469,950	1,530,782	1,317,850	979,600	846,175	710,800	575,350
	Transfers	125,022	127,851	136,181	136,181	140,529	145,872	150,461	152,175	156,865
	Sub-total Administration	1,654,963	1,872,681	1,682,731	1,734,434	1,528,484	1,194,049	1,073,213	941,228	812,200
Collections/Treat.	Personnel	270,409	267,421	298,355	258,897	276,482	282,358	288,142	295,497	303,075
	Other Operating	809,788	810,140	883,154	894,522	927,343	950,929	976,380	1,002,675	1,029,849
	Capital Outlay	541,388	460,810	185,250	151,456	1,111,250	145,000	710,000	205,000	179,500
	Refunds	-	214	-	1,589	1,000	1,000	-	-	-
	Sub-Total Treatment	1,621,585	1,538,585	1,366,759	1,306,464	2,316,074	1,379,288	1,974,522	1,503,172	1,512,424
<b>Total Expenditures</b>		<b>3,276,548</b>	<b>3,411,266</b>	<b>3,049,490</b>	<b>3,040,898</b>	<b>3,844,558</b>	<b>2,573,336</b>	<b>3,047,735</b>	<b>2,444,400</b>	<b>2,324,624</b>

**2019 BUDGET WORKSHEET**  
**SEWER FUND - REVENUE-EXPENDITURE ANALYSIS**

<u>Account</u>	<u>Description</u>	<u>2016 Actual</u>	<u>2017 Actual</u>	<u>2018 Budget</u>	<u>2018 Projected</u>	<u>2019 Projected</u>	<u>2020 Projected</u>	<u>2021 Projected</u>	<u>2022 Projected</u>	<u>2023 Projected</u>
<b>Excess/(Deficiency) of Revenues Over Expenditures</b>		<b>257,553</b>	<b>393,727</b>	<b>160,619</b>	<b>237,025</b>	<b>(863,993)</b>	<b>311,350</b>	<b>(282,645)</b>	<b>221,392</b>	<b>247,684</b>
<b>Fund Balance January 1st</b>		<b>794,668</b>	<b>1,052,221</b>	<b>1,445,948</b>	<b>1,445,948</b>	<b>1,682,973</b>	<b>818,980</b>	<b>1,130,330</b>	<b>847,685</b>	<b>1,069,077</b>
<b>Fund Balance December 31st</b>		<b>1,052,221</b>	<b>1,445,948</b>	<b>1,606,567</b>	<b>1,682,973</b>	<b>818,980</b>	<b>1,130,330</b>	<b>847,685</b>	<b>1,069,077</b>	<b>1,316,761</b>
<b>Reserve For Encumbrances</b>		<b>682,508</b>	<b>441,448</b>	<b>100,000</b>	<b>100,000</b>	<b>100,000</b>	<b>100,000</b>	<b>100,000</b>	<b>100,000</b>	<b>100,000</b>
<b>Unencumbered Balance at December 31</b>		<b>369,713</b>	<b>1,004,500</b>	<b>1,506,567</b>	<b>1,582,973</b>	<b>718,980</b>	<b>1,030,330</b>	<b>747,685</b>	<b>969,077</b>	<b>1,216,761</b>
Minimum Target Fund Balance										
25% of Operating Expenses		497,903	499,377	568,523	559,218	682,465	526,534	539,065	544,950	554,793
Amount Over/(Under) Target		(128,190)	505,123	938,044	1,023,755	36,515	503,796	208,620	424,127	661,968

**Assumptions**

**Receipts**

Assumes revenue increase 2% per year due to higher consumption.

**Expenditures**

Projections do not include a cost-of-living wage adjustment at this time as the AFSCME contract is in negotiations

Health insurance costs increase an average of 5% per year

Expenditures for non-payroll related items remain essentially flat with 2017-2018 budgets

Assumes a 3% increase in treatment costs annually due to increased flows from Abbott and reduced flows in Vandalia (due to the airport diverting some flow to City of Dayton). Tipp City's monthly treatment bill is based on percentage of flows. A reduction of flows in one of the other member communities will increase Tipp's total costs.

Capital Improvement expenditures are based on the 2019-2023 Capital Improvement Plan currently before Council

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CITY OF TIPP CITY - FIVE YEAR PLAN (2019-2023)

DEPT / ITEM	Year	Pg. No.	2019	2020	2021	2022	2023
<b>CAPITAL IMPROVEMENT RESERVE FUND - FUND 417</b>							
<b>FIRE</b>							
SCBA Upgrades		41	10,000	10,000	10,000	10,000	10,000
Gear Washer/Extractor	1998	42			9,500		
Thermal Imaging Camera	2003	43				15,000	
Replacement Hose (100' section)		44	8,000	8,000		8,000	
Staff/Command Vehicle		45					
Rescue #10	1994	46		235,000			
Drone		47		16,000			
<b>TOTAL FIRE</b>			<b>\$ 18,000</b>	<b>\$ 269,000</b>	<b>\$ 19,500</b>	<b>\$ 33,000</b>	<b>\$ 65,000</b>
<b>EMERGENCY MEDICAL SERVICES</b>							
Computer hardware/software/mobile access.		48			32,000		
Ambulance	2014	49				267,000	
Ambulance	2014	49				267,000	
Truck - First Responder	2007	50	45,000				
Training Mannequins		51		30,800			
Pyxis Medication System		52					
Cardiac Monitor		53			70,000		
Power Cots		54				122,000	
<b>TOTAL EMERGENCY MEDICAL SERVICES</b>			<b>\$ 45,000</b>	<b>\$ 30,800</b>	<b>\$ 102,000</b>	<b>\$ 656,000</b>	<b>\$ 100,000</b>
<b>POLICE</b>							
Replace Cruiser #9 - Explorer	2013	55	\$ 53,500				
Replace Cruiser #6 - Explorer	2014	55	\$ 53,500				
Replace Detective Vehicle #17	2013	55		\$ 31,500			
Replace Cruiser #1 - Explorer	2015	55		\$ 53,750			
Replace Cruiser #2 - Explorer	2015	55		\$ 53,750			
Replace Cruiser #4 - Explorer	2016	55			\$ 54,000		
Replace Chief's Vehicle - Taurus	2014	55			\$ 33,000		
Replace Cruiser #8 - Explorer	2017	55				\$ 54,250	
Replace Cruiser #3 - Explorer	2017	55				\$ 54,250	
Replace Cruiser #5 - Explorer	2018	55					\$ 55,000
Replace Cruiser #7 - Explorer	2018	55					\$ 55,000
Range Storage Building		56	\$ 5,000				
Replace Body Cameras		57			\$ 20,000		
Range Mower		58	\$ 5,000				
Fitness Equipment		59	\$ 5,000				
<b>TOTAL POLICE</b>			<b>\$ 15,000</b>	<b>\$ -</b>	<b>\$ 20,000</b>	<b>\$ 108,500</b>	<b>\$ 110,000</b>

CITY OF TIPP CITY - FIVE YEAR PLAN (2019-2023)

DEPT / ITEM	Year	Pg. No.	2019	2020	2021	2022	2023
<b>PARKS- CIP Fund</b>							
<b>PARK PROJECTS</b>							
Asphalt Resurfacing TFAC		62				50,000	
Asphalt Resurfacing Bike Trails		62		25,000			
Safety Surface & Equip, City & Kyle Parks		63	15,000	15,000	15,000	15,000	15,000
Shelters - Baseball Fields		64	10,000				
Baseball/Softball Bike/walk/ADA Path		65	45,000				
Neighborhood Park Improvements		66	25,000	25,000	25,000	25,000	25,000
Kyle Park and City Park Message Centers		67	5,000				
Tipp City Entrance Signs - (proj. Foundation Grants)		68	17,000	17,000			
Kyle Park Restrooms		69		50,000			
City Park - convert electric from overhead to below ground		70				60,000	
Kyle Park Fencing		71	15,000				
<b>TIPPECANOE FAMILY AQUATIC CENTER</b>							
Paint & Caulk Pool Bottoms		71	10,000	8,000	20,000	16,000	
Replace Sand in Filters		71	7,000			4,000	
Replace Pumps & Motors		72	22,000			15,000	10,000
New/Replace Large Fun Umbrellas		73				15,000	
New/Replace Small Fun Umbrellas		73	13,000				15,000
Lifeguard Umbrellas, Diving Boards, etc.		73		5,000	10,000		
Concession Upgrade		74					20,000
<b>PARK VEHICLES &amp; EQUIPMENT</b>							
Parks 1 Ton Dump	2006	75	45,000				
Parks, 1 Ton Dump	2008	75			45,000		
Parks 3/4 ton Pick Up	2005	76		27,500			
Tri-Deck Mowers (have 2 mowers, on 4 year rotation)		77		18,000		18,000	
Zero turn Mowers (have 5 mowers, on five year rotation)		78	11,000	11,250	11,250	11,250	11,250
<b>TOTAL PARKS</b>			\$ 240,000	\$ 201,750	\$ 126,250	\$ 229,250	\$ 96,250

CITY OF TIPP CITY - FIVE YEAR PLAN (2019-2023)

DEPT / ITEM	Year	Pg. No.	2019	2020	2021	2022	2023
<b>ADMINISTRATION</b>							
Software Assurance/Licensing		79					\$ 30,000
Software Upgrades		79	137,000	69,500	6,000	6,000	6,000
Computer Replacement Program		79	66,430	35,900	66,150	53,575	46,200
Government Center Improvements		80	26,000	147,500	68,000	30,000	35,000
Community Services Building Improvements		80					15,000
City Manager/HR Copy Machine	2016	81			12,000		
Finance Department Copy Machine	2007	81				12,000	
CED Copy Machine	2008	81					12,000
Police Dept. Copier	2009	81	12,000				
Fiber Optic Testing & Maint.		82	10,000	10,000	10,000	10,000	10,000
Planametrics		83		60,000			
Upgrade Phone System	2015	83			70,000		
Great Miami River Bikeway Branding Program		84	10,000		10,000		
<b>TOTAL ADMINISTRATION</b>			<b>\$ 261,430</b>	<b>\$ 322,900</b>	<b>\$ 242,150</b>	<b>\$ 111,575</b>	<b>\$ 154,200</b>
<b>STREET</b>							
<b>STREET PROJECTS</b>							
Asphalt Resurfacing per year		87	\$ 570,000	\$ 580,000	\$ 590,000	\$ 600,000	\$ 610,000
Alley Resurfacing and Repair		88	25,000	25,000	25,000	25,000	25,000
Curb & Sidewalk Replacement		89	45,000	50,000	50,000	50,000	50,000
City Stormwater Evaluation and Ditch Study		89	100,000				
Stormwater & Storm Sewer Maintenance		90-91	85,000	90,000	40,000	45,000	45,000
Storm Sewer Impr. (I-75 Ditch Maintenance		90-91	350,000				
Main Street Streetscape (1st Street to the bike path) - ODOT/OPWC Grants		92-93	75,000	1,842,000			
County Road 25A Widening (Springmeade to I-75 Exit 69) - ODOT/OPWC Grants		94-95	75,000	1,490,000			
S. Kinna Dr. (Land Acquisition - W. Main south to ex. Kinna)		96	100,000				
West Plum St. Reconstruction		97		300,000			
Hyatt-Park Avenue Traffic Signal		98		240,000			
Wunderwood Drive Improvements		99		175,000			
I-75 Interchange Improvements		100			250,000		
Aquatic Center Road Widening (Wagon Wheel Drive - Along River)		101	50,000				150,000
<b>STREET VEHICLES &amp; EQUIPMENT</b>							
Mini-Excavator		102	11,250				
Street 1 Ton	2008	103		45,000			
Street 3/4 Ton Pick Up	2008	104		35,000			
Street End Loader	2002	105		155,000			
Street Asphalt 1 ton roller	2000	106					22,000
<b>TOTAL STREETS</b>			<b>\$ 1,486,250</b>	<b>\$ 5,027,000</b>	<b>\$ 955,000</b>	<b>\$ 720,000</b>	<b>\$ 902,000</b>

CITY OF TIPP CITY - FIVE YEAR PLAN (2019-2023)

DEPT / ITEM	Year	Pg. No.	2019	2020	2021	2022	2023
<b>DEBT</b>							
Bond Debt- Cap. Fac.-2001		107	\$ 104,800	\$ -	\$ -	\$ -	\$ -
Note Debt-County Road 25A		107	89,625	102,500	-	-	-
Note Debt - Aerial Ladder		108	86,563	82,000	-	-	-
Note Debt - Fire Station Expansion		109	512,500	-	-	-	-
Note Debt - Downtown Streetscape Impr.		109	95,200	41,000	-	-	-
OPWC Loan - Downtown Streetscape		109	48,300	48,300	48,300	48,300	48,300
<b>TOTAL DEBT</b>			<b>\$ 936,988</b>	<b>\$ 273,800</b>	<b>\$ 48,300</b>	<b>\$ 48,300</b>	<b>\$ 48,300</b>
<b>CAPITAL IMPROVEMENT FUND TOTAL</b>			<b>\$ 3,002,668</b>	<b>\$ 6,125,250</b>	<b>\$ 1,513,200</b>	<b>\$ 1,906,625</b>	<b>\$ 1,475,750</b>
<b>PARKS- 0.25% INCOME TAX FUND - FUND 420</b>							
<b>TIPPECANOE FAMILY AQUATIC CENTER</b>							
TFAC Computers & Security		74	10,000	10,000	10,000	10,000	10,000
<b>TOTAL TIPPECANOE FAMILY AQUATIC CENTER</b>			<b>10,000</b>	<b>10,000</b>	<b>10,000</b>	<b>10,000</b>	<b>10,000</b>
<b>PARKS CAPITAL IMPROVEMENT FUND TOTAL</b>			<b>10,000</b>	<b>10,000</b>	<b>10,000</b>	<b>10,000</b>	<b>10,000</b>
<b>TOTAL GOVERNMENTAL FUND CAPITAL EXPENDITURES</b>			<b>3,012,668</b>	<b>6,135,250</b>	<b>1,523,200</b>	<b>1,916,625</b>	<b>1,485,750</b>

CITY OF TIPP CITY - FIVE YEAR PLAN (2019-2023)

DEPT. ITEM	Year	Pg. No.	2019	2020	2021	2022	2023
<b>ELECTRIC</b>							
New Subdivision Development		117	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000
Line Improvements		117	60,000	60,000	60,000	60,000	60,000
69kV Line Improvements (Sub #1 to Sub #2)		118					75,000
Substation #3 - Upgrades		118				2,000,000	
SCADA System		119		500,000			
Street Light Conversion		120	60,000	60,000	60,000	60,000	60,000
Pick-Up Truck	2010	121		50,000			
Pick-Up Truck	2012	121			50,000		
Tree Truck	2014	122				225,000	
Digger Derrick	2008	123		240,000			
Double Bucket Truck	2010	124		250,000		260,000	
Single Bucket Truck	2009	125					200,000
1 Ton Dump Truck	2012	126					50,000
Mini-Excavator		127	22,500				
Power Plant Removal		128	100,000	500,000			
Puller-Tensioner		129		180,000			
Equipment Trailer		130			20,000		
RF Camera		131	10,000				
Mower - (for substations and Service Center property)			10,000				
<b>TOTAL ELECTRIC FUNDS CAPITAL OUTLAY</b>			<b>\$ 412,500</b>	<b>\$ 1,990,000</b>	<b>\$ 340,000</b>	<b>\$ 2,755,000</b>	<b>\$ 595,000</b>
<b>ELECTRIC DEBT</b>							
Debt - Generator		110	108,000	106,000	104,000	102,000	-
Debt - Substation #1 Upgrades		110	416,250	407,500	398,750	390,000	381,250
<b>TOTAL ELECTRIC FUNDS DEBT</b>			<b>\$ 524,250</b>	<b>\$ 513,500</b>	<b>\$ 502,750</b>	<b>\$ 492,000</b>	<b>\$ 381,250</b>
<b>TOTAL ELECTRIC</b>			<b>\$ 936,750</b>	<b>\$ 2,503,500</b>	<b>\$ 842,750</b>	<b>\$ 3,247,000</b>	<b>\$ 976,250</b>

CITY OF TIPP CITY - FIVE YEAR PLAN (2019-2023)

DEPT. ITEM	Year	Pg. No.	2019	2020	2021	2022	2023
<b>WATER</b>							
Water Line Improvements		133	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000
Water Line 4"- Wunderwood		134		\$ 175,000			
Water Line 4"- N 4th (North to Culvert), 5th (Kilgor to Franklin)		135			40,000	470,000	
Water Line 4"- Amokee (Warner-Tippecanoe)		136					20,000
Tower #1 Removal		136		50,000			
1 Ton Pick-up Truck	2008	141					25,500
2.5 Ton Dump Truck	2006	142			75,000		
Pick-up Truck	2012	143				19,000	
Pick-up Truck	2013	143					19,000
Mowers		144		10,000			
Service Center HVAC			5,625				
Mini-Excavator		145	5,625				
Water/Sewer Service Center		140	25,000		500,000		
<b>TOTAL WATER FUNDS CAPITAL OUTLAY</b>			<b>\$ 66,250</b>	<b>\$ 265,000</b>	<b>\$ 645,000</b>	<b>\$ 519,000</b>	<b>\$ 94,500</b>
Debt - AMR Project		111	24,847	24,414	24,559	24,017	23,837
Debt - OPWC Loan - AMR/AMI Project		111	30,000	30,000	30,000	30,000	30,000
Debt - New Water Tower		111	86,800	85,400	87,500	85,750	86,800
Debt - OPWC Loan - Water Tower		111	21,250	21,250	21,250	21,250	21,250
Debt - Water Tower Rehab/Removal		112	54,400	53,400	53,000	51,750	20,600
Debt - OPWC Loan - Water Tower		112	-	120,000	120,000	120,000	120,000
Debt - OPWC Loan - Downtown Water Lines		113	11,900	11,900	11,900	11,900	11,900
Debt - Roselyn Water Line (Judith, Michael, Earl Ct.)		113	40,600	39,900	40,250	39,375	39,200
Debt - W. Walnut St		114	31,900	31,320	31,175	30,450	29,870
<b>TOTAL WATER FUNDS DEBT</b>			<b>\$ 301,697</b>	<b>\$ 417,584</b>	<b>\$ 419,634</b>	<b>\$ 414,492</b>	<b>\$ 383,457</b>
<b>TOTAL WATER</b>			<b>\$ 367,947</b>	<b>\$ 682,584</b>	<b>\$ 1,064,634</b>	<b>\$ 933,492</b>	<b>\$ 477,957</b>

CITY OF TIPP CITY - FIVE YEAR PLAN (2019-2023)

DEPT. ITEM	Year	Pg. No.	2019	2020	2021	2022	2023
<b>SEWER</b>							
I & I Program		136	\$ 200,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000
Sewer Line Improvements		136	35,000	35,000	35,000	35,000	35,000
Slipline- N 4th(North to Park), 5th(Kilgor to Franklin)		137				51,000	
Sewer Line - Floral Acres Dr.		138	600,000				
Sewer Line - Phase I - S. Kinna Dr. towards CR 25A		139	240,000				
1 Ton Pick-up Truck	2008	141					25,500
2.5 Ton Dump	2006	142			75,000		
Pick-up Truck	2012	143				19,000	
Pick-up Truck	2013	143					19,000
Mowers		144		10,000			
Service Center HVAC			5,625				
Mini-Excavator		145	5,625				
Water/Sewer Service Center	(Architectural Design)	140	25,000		500,000		
<b>TOTAL SEWER FUNDS CAPITAL IMPROVEMENTS</b>			<b>\$ 1,111,250</b>	<b>\$ 145,000</b>	<b>\$ 710,000</b>	<b>\$ 205,000</b>	<b>\$ 179,500</b>
Debt - Main Street Lift Station		115	118,550	114,000	115,000	112,500	112,000
Debt - Northeast Sewer Loan		115	198,900	-	-	-	-
Debt - OPWC - Downtown Sewer		116	9,800	9,800	9,800	9,800	9,800
Debt - Roselyn Sewer Line (Judith, Michael, Earl Ct.)		116	40,600	39,900	40,250	39,375	39,200
<b>TOTAL SEWER FUNDS DEBT</b>			<b>\$ 367,850</b>	<b>\$ 163,700</b>	<b>\$ 165,050</b>	<b>\$ 161,675</b>	<b>\$ 161,000</b>
<b>TOTAL SEWER</b>			<b>\$ 1,479,100</b>	<b>\$ 308,700</b>	<b>\$ 875,050</b>	<b>\$ 366,675</b>	<b>\$ 340,500</b>
<b>TOTAL ENTERPRISE FUND CAPITAL IMPROVEMENT PROJECTS</b>			<b>\$ 2,783,797</b>	<b>\$ 3,494,784</b>	<b>\$ 2,782,434</b>	<b>\$ 4,547,167</b>	<b>\$ 1,794,707</b>

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**VEHICLE RETENTION SCHEDULE**

DIVISION	CURRENT MODEL	EXPECTED LIFE	2019	2020	2021	2022	2023
<b><u>FIRE</u></b>							
MACK	1935	Museum Piece Only					
STATION WAGON	1963	Museum Piece Only					
AERIAL SCOPE #5	1975	Reserve Vehicle - will not be replaced again					
FORD RESCUE VEHICLE #10	1994	15		\$ 235,000			
PUMPER #3	1997	30					
FORD EXCURSION #1	2000	10				\$ 55,000	
PUMPER #4	2003	30					
GMC PICK-UP TRUCK #11	2012	15					
AERIAL LADDER #2	2012	30					
BOAT	2014	40					
SMOKE TRAILER	1999						
GATOR (with Trailer)	2007	20					
AIR TRAILER							
PUMPER #8 (Township)	1983	25					
TANKER #9 (Township)	1992	30					
GRASS TRUCK #6 (Township)	1994	15					
PUMPER #7 (Township)	2004	30					
TANKER #12 (Township)	2015	30					
CHEVY TAHOE	2017						
	<b>TOTALS</b>		\$ - \$ 235,000	\$ - \$ 235,000	\$ - \$ 235,000	\$ - \$ 235,000	\$ 55,000

**VEHICLE RETENTION SCHEDULE**

DIVISION	CURRENT MODEL	EXPECTED LIFE	2019	2020	2021	2022	2023
<b><u>EMS</u></b>							
DODGE DURANGO	2007	10	\$ 45,000				
FORD EXPEDITION	2012	10					
AMBULANCE #304							
FORD	2014	8			\$ 267,000		
AMBULANCE #302					\$ 267,000		
FORD	2014	8					
AMBULANCE #303							
HORTON	2018	8					
<b>TOTALS</b>			\$ 45,000	\$ -	\$ -	\$ 534,000	\$ -

**VEHICLE RETENTION SCHEDULE**

DIVISION	CURRENT MODEL	EXPECTED LIFE	2019	2020	2021	2022	2023
<b><u>POLICE</u></b>							
POLICE - FORD, 116	2010	N/A					
DET VEHICLE - FORD ESCAPE, #17	2013	7		\$ 31,500			
FORD EXPLORER, #5	2014	5					
FORD EXPLORER, #9	2014	5	\$ 53,500				
CRUISER FORD EXPLORER, #6	2014	5	\$ 53,500				
CHEVY -CHIEF'S VEHICLE	2014	7			\$ 33,000		
CRUISER FORD, #1	2015	5		\$ 53,750			
CRUISER FORD, #2	2015	5		\$ 53,750			
CRUISER FORD, #7	2015	5					
FORD EXPLORER, #4	2016	5			\$ 54,000		
FORD EXPLORER, #3	2017	5				\$ 54,250	
FORD EXPEDITION, #8	2017	6				\$ 54,250	
FORD EXPLORER, #5	2018	5					\$ 55,000
FORD EXPLORER, #7	2018	6					\$ 55,000
DET VEHICLE - FORD EDGE	2018	7					
<b>TOTALS</b>			\$ 107,000	\$ 139,000	\$ 87,000	\$ 108,500	\$ 110,000

**VEHICLE RETENTION SCHEDULE**

DIVISION	CURRENT MODEL	EXPECTED LIFE	2019	2020	2021	2022	2023
<b><u>PARKS</u></b>							
GMC 3/4 TON PICK-UP	2005	10		\$ 27,500			
1 TON DUMP	2006	10	\$ 45,000				
1 TON DUMP, FORD	2008	10			\$ 45,000		
FORD 3/4 TON PICK-UP	2012	10					
FORD 3/4 TON PICK-UP	2015	10					
GMC 1/2 TON PICK-UP	2016	10					
FORD 1-TON DUMP	2018	10					
<b><u>EQUIPMENT</u></b>							
PARKS TRACTOR - JD5210	1998	15					
PARKS TRACTOR - JD4310	2005	15					
PARKS TRACTOR - JD5325	2007	15					
PARKS TRACTOR	2014	15					
VENTRAC (Multi-Use Vehicle)	2005	10					
VENTRAC (Multi-Use Vehicle)	2016	10					
JOHN DEERE GATOR	2016	10					
JOHN DEERE GATOR	2012	10					
PARKS TRACTOR	2015	15					
	<b>TOTALS</b>		\$ 45,000	\$ 27,500	\$ 45,000	\$ -	\$ -

**VEHICLE RETENTION SCHEDULE**

DIVISION	CURRENT MODEL	EXPECTED LIFE	2019	2020	2021	2022	2023
<b><u>STREET</u></b>							
2.5 TON DUMP W/PLOW-INTERNAT.	1999	12					
2.5 TON DUMP W/PLOW-INTERNAT.	2006	12					
2.5 TON DUMP W/PLOW- INTERNAT.	2007	12					
TRUCK 3/4 TON-FORD	2008	10		\$ 35,000			
1 TON DUMP W/PLOW-FORD	2008	10		\$ 45,000			
TRUCK 3/4 TON - FORD	2012	10					
2.5 TON DUMP W/PLOW-FREIGHTLINER	2014	10					
2.5 TON DUMP W/PLOW- FREIGHTLINER	2015	12					
1 TON DUMP W/PLOW - FORD	2015	10					
GMC 1/2 TON PICK-UP	2016	10					
<b><u>EQUIPMENT</u></b>							
TRACLESS LEAF MACHINE	2014						
1 TON ASPHALT ROLLER	2000	15			\$ 22,000		
BACKHOE	2000	To be replaced with a mini-excavator in 2019. Backhoe will not be retired until no longer serviceable, but will not be replaced when it is no longer functional					
END LOADER	2002	15		\$ 155,000			
STREET SWEEPER	2015	10					
<b>TOTALS</b>			\$ 235,000	\$ -	\$ -	\$ -	\$ 22,000

**VEHICLE RETENTION SCHEDULE**

DIVISION	CURRENT MODEL	EXPECTED LIFE	2019	2020	2021	2022	2023
<b><u>ELECTRIC</u></b>							
FORD TRUCK (F5D SUPERDUTY)	2001	10					
DIGGER DERRICK #505	2006	7		\$ 240,000			
FORD 3/4 TON PICK-UP #502	2008	10		\$ 50,000			
SINGLE BUCKET #503	2009	7					
INTERNATIONAL TRUCK - MODEL 430	2010			\$ 250,000			
FORD 1-TON DUMP #529	2012	10				\$ 50,000	
FORD 3/4 TON PICK-UP #528	2012	10		\$ 50,000			
DOUBLE BUCKET #509	2012	10			\$ 260,000		
SINGLE BUCKET SERVICE TRUCK #524	2014	10				\$ 200,000	
1 TON FLAT BED TRUCK (525??)	2015	10					
TREE TRIMMING TRUCK #504	2015	10			\$ 225,000		
DOUBLE BUCKET #507	2016	10					
DOUBLE BUCKET #507	2017						
<b><u>EQUIPMENT</u></b>							
TRENCHER	1993						
CHIPPER	2008/2014						
REAR YARD MACHINE	2012						
HYDROEXCAVATOR/JET ROD COMBO	2014	15					
FORKLIFT	2015						
<b>TOTALS</b>			\$ -	\$ 540,000	\$ 50,000	\$ 485,000	\$ 250,000

**VEHICLE RETENTION SCHEDULE**

DIVISION	CURRENT MODEL	EXPECTED LIFE	2019	2020	2021	2022	2023
<b><u>WATER/SEWER</u></b>							
2.5 TON DUMP INTERNATIONAL	2006	12			\$ 150,000		
DODGE 1/2 TON PICK-UP	2006	10					
TRUCK - 1 TON DUMP - FORD	2008	10				\$ 51,000	
GMC 1/2 TON PICK-UP	2012	10			\$ 38,000		
CHEVROLET 1/2 TON PICK-UP	2013	10				\$ 38,000	
HYDROEXCAVATOR-JET RODDER	2015	15					
FORD 1/2 TON PICK-UP	2015	10					
GMC 3/4 TON PICK-UP	2017						
<b><u>EQUIPMENT</u></b>							
PARKS TRACTOR	1993	15					
BACKHOE	2001	10					
<b>TOTALS</b>			\$	- \$	- \$ 150,000	\$ 38,000	\$ 89,000

**VEHICLE RETENTION SCHEDULE**

DIVISION	CURRENT MODEL	EXPECTED LIFE	2019	2020	2021	2022	2023
<b><u>ADMINISTRATION</u></b>							
FORD TRANSIT VAN	2018	10					
CHEVY IMPALA	2008	Passed down from other Depts. Will not be replaced with new vehicle from CIP					
FORD EXPEDITION	2011	Passed down from other Depts. Will not be replaced with new vehicle from CIP					
<b>TOTALS</b>			\$	- \$	- \$	- \$	-



## CAPITAL IMPROVEMENT PROJECT

PROJECT NAME: Self Contained Breathing Apparatus (SCBA) Upgrades and Bottle Replacement	PROJECT I.D. OR DEPARTMENT:	PROJECT YEARS: 2019 - 2023		
TRADE-IN VALUE (IF ANY): N/A	ESTIMATED USEFUL LIFE: 10 years	TOTAL EXPENDITURE: \$ 10,000/Year		
DESCRIPTION OR REQUEST (if multiple years, include schedule for engineering, bidding, construction): Mandated by NFPA to be replaced every 10 years. \$10,000/year replaces two (2) full units at \$5,000 per unit.				
PROJECT JUSTIFICATION (explain the affect on operations: quantify savings or costs, new equipment include a cost/benefit analysis): Mandated by NFPA to be replaced every 10 years for firefighter safety.				
PROJECT COST (If multiple phases, which year will the expenditure take place)				
2019 COSTS: \$ 10,000	2020 COSTS: \$ 10,000	2021 COSTS: \$ 10,000	2022 COSTS: \$ 10,000	2023 COSTS: \$ 10,000
FUNDING SOURCE(S) - (Grants, donations, other funding): Capital Improvement Fund				





## CAPITAL IMPROVEMENT PROJECT

PROJECT NAME: Turnout Gear Washer	PROJECT I.D.:	PROJECT YEARS: 2022		
TRADE-IN VALUE (IF ANY): N/A	ESTIMATED USEFUL LIFE: 10 years	TOTAL EXPENDITURE: \$ 9,500		
<b>DESCRIPTION:</b> Replacement of a 1998 model Industrial washer made specially to clean fire gear and remove contaminates from fire gear after a fire. This will also assist in the Department's push to help prevent cancer often found in contaminates left in fire gear.				
<b>PROJECT JUSTIFICATION:</b> The existing washer is twenty (20) years old and needs to be replaced to ensure continued operation to remove contaminates from fire gear after a fire response.				
<b>PROJECT COST (If multiple phases, which year will the expenditure take place)</b>				
2019 COSTS:	2020 COSTS:	2021 COSTS:	2022 COSTS: \$ 9,500	2023 COSTS:
<b>FUNDING SOURCE:</b> Capital Improvement Fund				





## CAPITAL IMPROVEMENT PROJECT

PROJECT NAME: Thermal Imaging Camera	PROJECT I.D. OR DEPARTMENT:	PROJECT YEARS: 2022
TRADE-IN VALUE (IF ANY): N/A	ESTIMATED USEFUL LIFE: 10 years	TOTAL EXPENDITURE: \$ 15,000
DESCRIPTION OR REQUEST (if multiple years, include schedule for engineering, bidding, construction): Used to look for hot spots in walls, etc. as well as locating individuals during an event.		
PROJECT JUSTIFICATION (explain the affect on operations: quantify savings or costs, new equipment include a cost/benefit analysis): Typically, around 10 years our thermal imaging cameras begin to fail. Often times, the screens are cracked, or the optics on the front of them begin to be damaged from the exposure to heat over time. Also, the unit being replaced does not have technology that the newer ones have (it does not have a temperature reading on the screen). The 10 year old technology simply shows you heat or no heat. Now, they provide a heat signature which helps diagnose issues such as light ballasts that are overheating or components of machines that are causing issues.		
PROJECT COST (If multiple phases, which year will the expenditure take place) 2019 COSTS:      2020 COSTS:      2021 COSTS:      2022 COSTS:      2023 COSTS: \$ 15,000		
FUNDING SOURCE: Capital Improvement Fund		





## CAPITAL IMPROVEMENT PROJECT

PROJECT NAME: Replacement Hose (100' section)	PROJECT I.D. OR DEPARTMENT:	PROJECT YEARS: 2019 – 2021
TRADE-IN VALUE (IF ANY): N/A	ESTIMATED USEFUL LIFE: 10-15 years	TOTAL EXPENDITURE: \$ 24,000
DESCRIPTION OR REQUEST (if multiple years, include schedule for engineering, bidding, construction): Replace fire hose sections that fail the annual service testing.		
PROJECT JUSTIFICATION (explain the affect on operations: quantify savings or costs, new equipment include a cost/benefit analysis):  Fire hose is required to be tested annually. Fire hose that fails testing must be removed from service and replaced. New fire hose also meets new hose connection guidelines for increased safety.		
PROJECT COST (If multiple phases, which year will the expenditure take place)		
2019 COSTS: \$ 8,000	2020 COSTS: \$ 8,000	2021 COSTS: \$ 8,000
2022 COSTS: \$ 8,000		
2023 COSTS:		
FUNDING SOURCE: Capital Improvement Fund		



## CAPITAL IMPROVEMENT PROJECT

PROJECT NAME: Chief Car/Command Vehicle	PROJECT I.D.:	PROJECT YEARS: 2023		
TRADE-IN VALUE (IF ANY): N/A	ESTIMATED USEFUL LIFE: 10-15 years	TOTAL EXPENDITURE: \$ 55,000		
<b>DESCRIPTION:</b> Replacement of the current Chief's vehicle (2000 Ford Excursion) to be used by the Chief/Fire Officers to operate Incident Command at the Fire Scene.				
<b>PROJECT JUSTIFICATION:</b> Most Departments and Industry Standards are moving towards an Incident Command concept called Fixed Command. This means the incident Commander stays fixed in a staff car equipped with incident Command Equipment, providing a less hectic environment to help gain control of the scene and give direction to on scene personnel. This concept allows for better communications to crews on the scene via radio. This will also allow for a Fire Officer to respond to the scene ahead of the Fire Engines and assess the scene to give better direction to incoming crews.  The current Chief's vehicle is 18 years old. We expect the Chief to utilize this vehicle and also use it as a Command Vehicle. The vehicle we would be looking at would simply be an SUV type vehicle.				
2019 COSTS:	2020 COSTS:	2021 COSTS:	2022 COSTS:	2023 COSTS: \$55,000
<b>FUNDING SOURCE:</b> Capital Improvement Fund				





## CAPITAL IMPROVEMENT PROJECT

PROJECT NAME: Rescue #10	PROJECT I.D. OR DEPARTMENT:	PROJECT YEARS: 2020
TRADE-IN VALUE (IF ANY): Unknown – 1994 vehicle anticipated to be sold on GovDeals.Com	ESTIMATED USEFUL LIFE: 20 years	TOTAL EXPENDITURE: \$ 235,000
DESCRIPTION OR REQUEST (if multiple years, include schedule for engineering, bidding, construction):  Replace a 1994 model. This vehicle is used to carry the Department's Rescue Equipment (Rope Rescue, Confined Space Rescue, Trench Rescue, Water/Ice Rescue, Technical Rescue, and Hazmat) as well as use on the Highway for traffic control using its "Arrow Board" mounted on top.		
PROJECT JUSTIFICATION (explain the affect on operations: quantify savings or costs, new equipment include a cost/benefit analysis):  This unit is starting to experience electrical issues as well as the on board generator is no longer operable.		
PROJECT COST (If multiple phases, which year will the expenditure take place)  2019 COSTS: 2020 COSTS: 2021 COSTS: 2022 COSTS: 2023 COSTS: \$ 235,000		
FUNDING SOURCE: Capital Improvement Fund		





## CAPITAL IMPROVEMENT PROJECT

PROJECT NAME: Drone	PROJECT I.D. OR DEPARTMENT:	PROJECT YEARS: 2020
TRADE-IN VALUE (IF ANY): N/A	ESTIMATED USEFUL LIFE: 5 years	TOTAL EXPENDITURE: \$ 16,000
DESCRIPTION OR REQUEST (if multiple years, include schedule for engineering, bidding, construction): Search and Rescue Drone Thermal Imaging & Night Flight Ready GPS Tracking and Flight Plan Development Software		
PROJECT JUSTIFICATION (explain the affect on operations: quantify savings or costs, new equipment include a cost/benefit analysis):  Provide ability to remotely search the riverbanks for missing boaters/kayakers and to search along the bike paths for missing or injured persons		
PROJECT COST (If multiple phases, which year will the expenditure take place)  2019 COSTS: 2020 COSTS: 2021 COSTS: 2022 COSTS: 2023 COSTS: \$16,000		
FUNDING SOURCE: Capital Improvement Fund		





## Capital Improvement Project

<b>PROJECT NAME:</b> Computer Hardware/Software/Mobile Access		<b>PROJECT I.D. OR DEPARTMENT:</b> 17(21)-2130-01	<b>PROJECT YEARS:</b> 2021	
<b>TRADE-IN VALUE (IF ANY):</b> N/A		<b>ESTIMATED USEFUL LIFE:</b> 5-10 years	<b>TOTAL EXPENDITURE:</b> \$ 32,000	
<b>DESCRIPTION OR REQUEST</b> (if multiple years, include schedule for engineering, bidding, construction):  Replace 1994 database and computer servers, software for run reporting system, and mobile wi-fi equipment which will enhance critical communications with emergency departments.				
<b>PROJECT JUSTIFICATION</b> (explain the affect on operations: quantify savings or costs, new equipment include a cost/benefit analysis):  Scheduled Replacement of Existing Equipment Meet External Compliance (safety, environmental, etc.) Requirements Replacement of Failed or Obsolete Equipment				
<b>PROJECT COST</b> (If multiple phases, which year will the expenditure take place)				
<b>2019 COSTS:</b>	<b>2020 COSTS:</b>	<b>2021 COSTS:</b> \$ 32,000	<b>2022 COSTS:</b>	<b>2023 COSTS:</b>
<b>FUNDING SOURCE:</b> Capital Improvement Fund				





## CAPITAL IMPROVEMENT PROJECT

PROJECT NAME: Ambulance x2	PROJECT I.D.: 18-2130-01	PROJECT YEARS: 2022		
TRADE-IN VALUE (IF ANY): Unknown – 2014 vehicle anticipated to be sold on GovDeals.Com	ESTIMATED USEFUL LIFE: 8 years	TOTAL EXPENDITURE: \$ 534,000		
DESCRIPTION OR REQUEST (if multiple years, include schedule for engineering, bidding, construction): Replace 2014 ambulance in 2022. Mileage expected to be equivalent of 120,000 (including idle/run hours) at time of replacement.				
PROJECT JUSTIFICATION (explain the affect on operations: quantify savings or costs, new equipment include a cost/benefit analysis): Scheduled Replacement of Existing Equipment Replacement of Failed or Obsolete Equipment  Current medic is a smaller frame unit, the wear and tear on the medic is heavier than in the past. Increased run volume and over 72% of our customers requesting transport to Dayton area hospitals has resulted in the increased wear.				
PROJECT COST (If multiple phases, which year will the expenditure take place)				
2019 COSTS:	2020 COSTS:	2021 COSTS:	2022 COSTS: \$534,000	2023 COSTS:
FUNDING SOURCE: Capital Improvement Fund				





## CAPITAL IMPROVEMENT PROJECT

PROJECT NAME: First Response/Staff Car	PROJECT I.D.: 19-2130-01	PROJECT YEARS: 2019		
TRADE-IN VALUE (IF ANY): Unknown – 2007 vehicle anticipated to be sold on GovDeals.Com	ESTIMATED USEFUL LIFE: 10 years	TOTAL EXPENDITURE: \$ 45,000		
DESCRIPTION OR REQUEST (if multiple years, include schedule for engineering, bidding, construction): Replace the 2007 Durango which will have the equivalent of 141,000 regular use miles (actual miles plus hours idling at the incident scene).				
PROJECT JUSTIFICATION (explain the affect on operations: quantify savings or costs, new equipment include a cost/benefit analysis): Scheduled Replacement of Existing Equipment Replacement of Failed or Obsolete Equipment  Durango is having body and frame issues, rusting in all fender wells, lift gate and undercarriage. Bottom Skid plates are rusting through and were repaired several times.  Replacement vehicle will be a more versatile vehicle, either a F250 or GMC/Chevy 2500. This will support the trailer transport for both FD and EMS Gator to distant calls and events. Also will help keep vehicle cost by switching to a truck instead of an SUV.				
PROJECT COST (If multiple phases, which year will the expenditure take place)				
2019 COSTS: \$ 45,000	2020 COSTS:	2021 COSTS:	2022 COSTS:	2023 COSTS:
FUNDING SOURCE: Capital Improvement Fund				





## Capital Improvement Project

PROJECT NAME: SIM LAB TRAINING MANNEQUINS ADULT & PEDIATRIC	PROJECT I.D.: 18-2130-01	PROJECT YEARS: 2020		
TRADE-IN VALUE (IF ANY): N/A	ESTIMATED USEFUL LIFE: 10 years	TOTAL EXPENDITURE: \$ 30,800		
<b>DESCRIPTION OR REQUEST</b> (if multiple years, include schedule for engineering, bidding, construction):  STAT Adult Advanced simulator takes ALS training into the students' environment. Instructors can evaluate student knowledge, skill levels, and critical thinking abilities. This simulator can function in the lab and in the field for ascertaining diagnostic ability. Spontaneous breathing, pulses, blood pressure, carotid and femoral pulses, normal and emergent heart and lung sounds, 12 pulse points synchronized with the heart, EKG interpretation and cardiac treatment, IV catheterization and infusion, tension pneumothorax treatment, chest tube insertion with simulated drainage, and advanced difficult airway maintenance.  STAT Baby Advanced gives the instructor control of the physiological features of the baby to deliver challenging training to develop student assessment skills. It satisfies every training need for post-neonatal care of pediatric patients, from introducing students to basic concepts to challenging medical staff in advance medical procedures.				
<b>PROJECT JUSTIFICATION</b> (explain the affect on operations: quantify savings or costs, new equipment include a cost/benefit analysis):  Provide New or Higher Service Level Meet External Compliance (safety, environmental, etc.) Requirements				
<b>PROJECT COST</b> (If multiple phases, which year will the expenditure take place)				
2019 COSTS:	2020 COSTS: \$30,800	2021 COSTS:	2022 COSTS:	2023 COSTS:
<b>FUNDING SOURCE:</b> Capital Improvement Fund				



Adult STAT Mannequin



Baby STAT Mannequin



## Capital Improvement Project

PROJECT NAME: Pyxis Medication System	PROJECT I.D.: 21-2130-01	PROJECT YEARS: 2023		
TRADE-IN VALUE (IF ANY): N/A	ESTIMATED USEFUL LIFE: 10 years	TOTAL EXPENDITURE: \$ 100,000		
<b>DESCRIPTION OR REQUEST</b> (if multiple years, include schedule for engineering, bidding, construction):  MedStation 4000 4-Drawer Main, Pyxis MedStation 4000 Single Column Auxiliary 4-door, and Pyxis MedStation 4000 Console Profiled Unit w/ Monitor. Pyxis MedStation system is a leading automated dispensing system supporting decentralized medication management. Barcode scanning to help ensure accurate medication dispensing, features to prevent loading of the wrong medication and active alerts to provide an added safety precaution for high risk medications are just a few of the ways the Pyxis MedStation system can help your facility support safe and efficient medication management. Includes: Barcode Scanner, Biometric Identification, Starter Kit of Practice Meds, 1-Year Service Agreement, Free Inside Installation, Free Shipping Included, 4 Drawer (Matrix drawer with return bin, CUBIE pockets, MiniDrawer, and Carousel drawer) 1-Year Service Agreement, Free Inside Installation, and Free Shipping				
<b>PROJECT JUSTIFICATION</b> (explain the affect on operations: quantify savings or costs, new equipment include a cost/benefit analysis):  Additional Unit to Meet Expanded Service Requirements Provide New or Higher Service Level Meet External Compliance (safety, environmental, etc.) Requirements				
<b>PROJECT COST</b> (If multiple phases, which year will the expenditure take place)				
2019 COSTS:	2020 COSTS:	2021 COSTS:	2022 COSTS:	2023 COSTS: \$100,000
<b>FUNDING SOURCE:</b> Capital Improvement Fund				





## Capital Improvement Project

PROJECT NAME: Cardiac Monitor	PROJECT I.D.: 21-2130-01	PROJECT YEARS: 2021		
TRADE-IN VALUE (IF ANY): Unknown	ESTIMATED USEFUL LIFE: 10 years	TOTAL EXPENDITURE: \$ 70,000		
DESCRIPTION OR REQUEST (if multiple years, include schedule for engineering, bidding, construction): Replace 10 year old 12 Lead Cardiac Monitors x2				
PROJECT JUSTIFICATION (explain the affect on operations: quantify savings or costs, new equipment include a cost/benefit analysis): Scheduled Replacement of Existing Equipment Replacement of Failed or Obsolete Equipment  Life Pac Monitors are increasing in years, service cost are rising. New features are becoming more available and new model will be available when Life Pac is slated for replacement.				
PROJECT COST (If multiple phases, which year will the expenditure take place)				
2019 COSTS:	2020 COSTS:	2021 COSTS: \$70,000	2022 COSTS:	2023 COSTS:
FUNDING SOURCE: Capital Improvement Fund				





## Capital Improvement Project

PROJECT NAME: Power Load Cots X2	PROJECT I.D.: 21-2130-01	PROJECT YEARS: 2022		
TRADE-IN VALUE (IF ANY): N/A	ESTIMATED USEFUL LIFE: 8 years	TOTAL EXPENDITURE: \$ 122,000		
DESCRIPTION OR REQUEST (if multiple years, include schedule for engineering, bidding, construction):  Power assist load cots, reduces the physical strain on department members. Also reduces the chance of injuries. Cots will be purchased in conjunction with the new ambulances in 2022.				
PROJECT JUSTIFICATION (explain the affect on operations: quantify savings or costs, new equipment include a cost/benefit analysis):  Provide New or Higher Service Level Meet External Compliance (safety, environmental, etc.) Requirements Replacement of Failed or Obsolete Equipment				
PROJECT COST (If multiple phases, which year will the expenditure take place)				
2019 COSTS:	2020 COSTS:	2021 COSTS:	2022 COSTS: \$ 122,000	2023 COSTS:
FUNDING SOURCE: Capital Improvement Fund				





## CAPITAL IMPROVEMENT PROJECT

PROJECT NAME: Police Cruisers	PROJECT I.D. OR DEPARTMENT: Police	PROJECT YEARS: 2019-2023		
TRADE-IN VALUE (IF ANY): Unknown – Replaced vehicles anticipated to be sold on GovDeals.Com	ESTIMATED USEFUL LIFE: 5 years	TOTAL EXPENDITURE: See Below		
<b>DESCRIPTION OR REQUEST</b> (if multiple years, include schedule for engineering, bidding, construction): Replacement cruisers for existing vehicles, per 5 year retention schedule.				
<b>2019 Replacements</b> Cruiser #6 98,000 miles '14 Explorer Cruiser #9 K9 82,860 miles - '13 Explorer  Figures include the factory Ford Explorer vehicle plus the striping, equipment and installation of required police equipment (including seats, partitions, lighting, wiring, speakers, prisoner containment, mobile video units, radar units, mobile computers, weapons vaults, etc.) K9 insert will be removed and reused.				
<b>PROJECT JUSTIFICATION</b> (explain the affect on operations: quantify savings or costs, new equipment include a cost/benefit analysis):  Scheduled Replacement of Existing Equipment Replacement of Failed or Obsolete Equipment				
<b>PROJECT COST</b> (If multiple phases, which year will the expenditure take place)				
2019 COSTS: \$ 107,000	2020 COSTS: \$ 139,000	2021 COSTS: \$87,000	2022 COSTS: \$108,500	2023 COSTS: 110,000
<b>FUNDING SOURCE:</b> Capital Improvement Fund				





## CAPITAL IMPROVEMENT PROJECT

PROJECT NAME: Range Storage/Shelter	PROJECT I.D. OR DEPARTMENT: Police	PROJECT YEARS: 2019		
TRADE-IN VALUE (IF ANY): N/A	ESTIMATED USEFUL LIFE: 20 years	TOTAL EXPENDITURE \$ 5,000.00		
DESCRIPTION OR REQUEST (if multiple years, include schedule for engineering, bidding, construction): Storage building with overhang				
PROJECT JUSTIFICATION (explain the effect on operations: quantify savings or costs, new equipment include a cost/benefit analysis): Storage for targets, barricades, mower/trimmer/edger				
PROJECT COST (If multiple phases, which year will the expenditure take place)				
2019 COSTS: \$ 5,000	2020 COSTS:	2021 COSTS:	2022 COSTS:	2023 COSTS:
FUNDING SOURCE: Capital Improvement Fund				





## CAPITAL IMPROVEMENT PROJECT

PROJECT NAME: Replacement Body Cameras	PROJECT I.D. OR DEPARTMENT: Police	PROJECT YEARS: 2021		
TRADE-IN VALUE (IF ANY): N/A	ESTIMATED USEFUL LIFE: 3-4 years	TOTAL EXPENDITURE: \$20,000		
DESCRIPTION OR REQUEST (if multiple years, include schedule for engineering, bidding, construction):  Replacement of refurbished Body Cameras purchased in 2018.				
PROJECT JUSTIFICATION (explain the affect on operations: quantify savings or costs, new equipment include a cost/benefit analysis):  Scheduled Replacement of Existing Equipment Replacement of Failed or Obsolete Equipment				
PROJECT COST (If multiple phases, which year will the expenditure take place)				
2019 COSTS:	2020 COSTS:	2021 COSTS: \$ 20,000	2022 COSTS:	2023 COSTS:
FUNDING SOURCE: Capital Improvement Fund				





## CAPITAL IMPROVEMENT PROJECT

PROJECT NAME: Range Mower	PROJECT I.D. OR DEPARTMENT: Police	PROJECT YEARS: 2019		
TRADE-IN VALUE (IF ANY) Potential for minor trade-in value	ESTIMATED USEFUL LIFE: 10 years	TOTAL EXPENDITURE: \$5,000		
DESCRIPTION OR REQUEST (if multiple years, include schedule for engineering, bidding, construction):  Replacement mower for mowing the shooting lanes and around the range building.				
PROJECT JUSTIFICATION (explain the effect on operations: quantify savings or costs, new equipment include a cost/benefit analysis):  Replacement of Failed or Obsolete Equipment Old mower is a hand-me-down from the Parks Department and is 20 years old.				
PROJECT COST (If multiple phases, which year will the expenditure take place)				
2019 COSTS: \$ 5,000	2020 COSTS:	2021 COSTS:	2022 COSTS:	2023 COSTS:
FUNDING SOURCE: Capital Improvement Fund				





## CAPITAL IMPROVEMENT PROJECT

PROJECT NAME: Fitness Equipment	PROJECT I.D. OR DEPARTMENT: Police	PROJECT YEARS: 2019
TRADE-IN VALUE (IF ANY) N/A	ESTIMATED USEFUL LIFE: 10 years	TOTAL EXPENDITURE: \$ 5,000
DESCRIPTION OR REQUEST (if multiple years, include schedule for engineering, bidding, construction):  Replacement Treadmill (Precor 932) for fitness room in the P.D.		
PROJECT JUSTIFICATION (explain the effect on operations: quantify savings or costs, new equipment include a cost/benefit analysis):  Replacement of Failed or Obsolete Equipment Old treadmill was purchased in 2002 and no longer works properly. This piece of equipment is also used by other Governmental Center staff.		
PROJECT COST (If multiple phases, which year will the expenditure take place)  2019 COSTS: \$ 5,000    2020 COSTS:    2021 COSTS:    2022 COSTS:    2023 COSTS:		
FUNDING SOURCE: Capital Improvement Fund		



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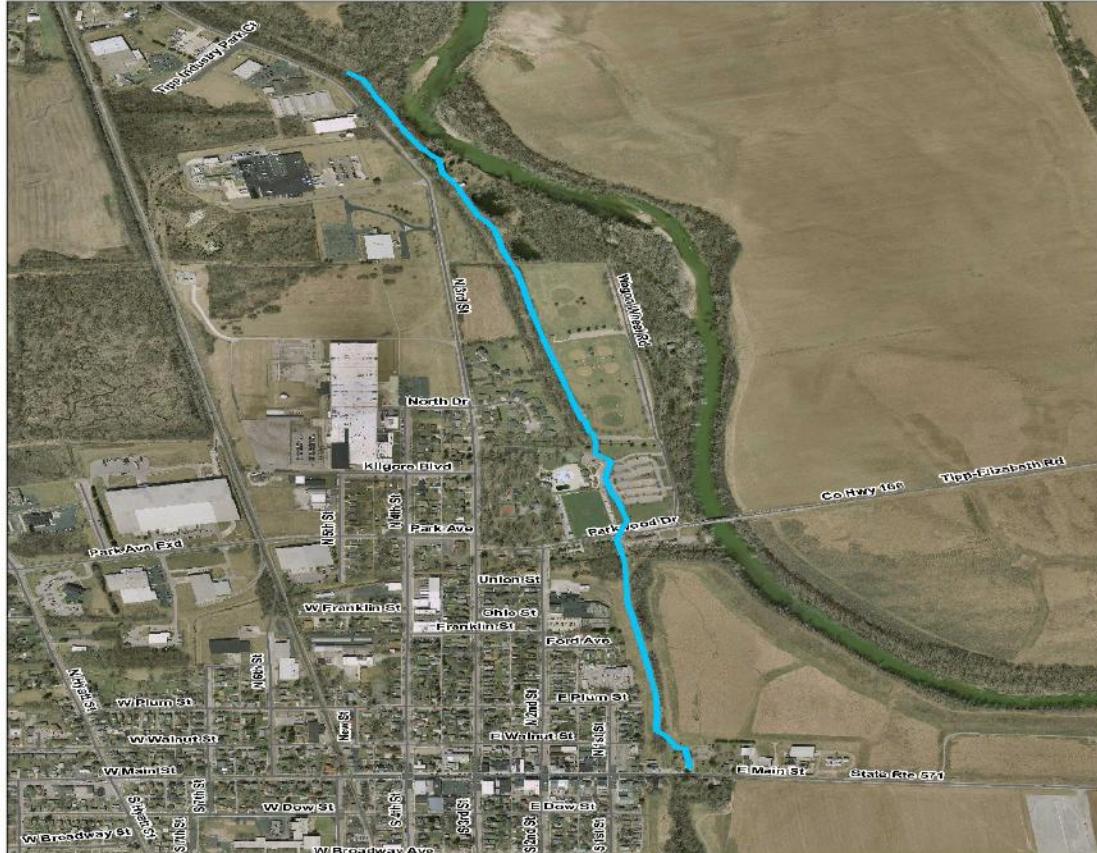
**2019-2023**  
**PARK PROJECTS**  
**FIVE YEAR IMPROVEMENT PLAN**

2019	\$ 15,000	Safety Surfacing & Equipment, City & Kyle Parks
	\$ 10,000	Shelter - Baseball Field
	\$ 45,000	Baseball, Softball, Bike/Walk/ADA Path
	\$ 25,000	Neighborhood Park Improvements
	\$ 5,000	Kyle Park/City Park Message Boards
	\$ 17,000	Tipp City Entrance Sign Replacements
2020	\$ 25,000	Asphalt Resurfacing – Bike Trails
	\$ 15,000	Safety Surfacing & Equipment, City & Kyle Parks
	\$ 25,000	Neighborhood Park Improvements
	\$ 17,000	Tipp City Entrance Sign Replacements
	\$ 50,000	Kyle Park Restrooms
2021	\$ 15,000	Safety Surfacing & Equipment, City & Kyle Parks
	\$ 25,000	Neighborhood Park Improvements
2022	\$50,000	Asphalt Resurfacing – Tippecanoe Family Aquatic Center
	\$ 15,000	Safety Surfacing & Equipment, City & Kyle Parks
	\$ 60,000	City Park – convert electric from overhead to underground service
	\$ 25,000	Neighborhood Park Improvements
2023	\$ 15,000	Safety Surfacing & Equipment, City & Kyle Parks
	\$ 25,000	Neighborhood Park Improvements



## CAPITAL IMPROVEMENT PROJECT

PROJECT NAME: Asphalt Resurfacing in our Parks	PROJECT I.D. OR DEPARTMENT:	PROJECT YEARS: 2020, 2022
TRADE-IN VALUE (IF ANY): N/A	ESTIMATED USEFUL LIFE: 20 years	TOTAL EXPENDITURE: \$ 75,000
DESCRIPTION OR REQUEST (if multiple years, include schedule for engineering, bidding, construction):  Asphalt Resurfacing in our city parks. 2020 - Resurface the Bike Trail from the Nature Center south to Canal Lock Park. 2022 – Resurface the parking area at the Tippecanoe Family Aquatic Center		
PROJECT JUSTIFICATION (explain the affect on operations: quantify savings or costs, new equipment include a cost/benefit analysis):  Maintain deteriorating asphalt surfaces at various locations.		
PROJECT COST (If multiple phases, which year will the expenditure take place)  2019 COSTS: 2020 COSTS: 2021 COSTS: 2022 COSTS: 2023 COSTS: \$ 25,000 \$ 50,000		
FUNDING SOURCE: Capital Improvement Reserve Fund		





## CAPITAL IMPROVEMENT PROJECT

PROJECT NAME: Safety Surface & Equipment Improvements	PROJECT I.D. OR DEPARTMENT:	PROJECT YEARS: 2019 - 2023		
TRADE-IN VALUE (IF ANY): N/A	ESTIMATED USEFUL LIFE: 10 years	TOTAL EXPENDITURE: See Below		
DESCRIPTION OR REQUEST (if multiple years, include schedule for engineering, bidding, construction): Install &/or upgrade the safety surface under existing equipment and purchase new playground equipment.				
PROJECT JUSTIFICATION (explain the affect on operations: quantify savings or costs, new equipment include a cost/benefit analysis): Provides a protective rubberized surface beneath play equipment in the parks.				
PROJECT COST (If multiple phases, which year will the expenditure take place)				
2019 COSTS: \$ 15,000	2020 COSTS: \$ 15,000	2021 COSTS: \$ 15,000	2022 COSTS: \$ 15,000	2023 COSTS: \$ 15,000
FUNDING SOURCE: Capital Improvement Reserve Fund				





## CAPITAL IMPROVEMENT PROJECT

PROJECT NAME: Kyle Park Improvements	PROJECT I.D. OR DEPARTMENT:	PROJECT YEARS: 2019		
TRADE-IN VALUE (IF ANY): N/A	ESTIMATED USEFUL LIFE: 10 years	TOTAL EXPENDITURE: \$ 10,000		
DESCRIPTION OR REQUEST (if multiple years, include schedule for engineering, bidding, construction):  Improvements in Kyle Park, including a shelter for one of the baseball quads in 2019.				
PROJECT JUSTIFICATION (explain the affect on operations: quantify savings or costs, new equipment include a cost/benefit analysis):  Provides protection from the weather for park users.				
PROJECT COST (If multiple phases, which year will the expenditure take place)				
2019 COSTS: \$ 10,000	2020 COSTS:	2021 COSTS:	2022 COSTS:	2023 COSTS:
FUNDING SOURCE: Capital Improvement Reserve Fund				





## CAPITAL IMPROVEMENT PROJECT

PROJECT NAME: ADA Path	PROJECT I.D. OR DEPARTMENT:	PROJECT YEARS: 2019
TRADE-IN VALUE (IF ANY): N/A	ESTIMATED USEFUL LIFE: 15 years	TOTAL EXPENDITURE: \$ 45,000
DESCRIPTION OR REQUEST (if multiple years, include schedule for engineering, bidding, construction):  Installation of an ADA compliant walkway at the southern baseball/softball fields similar to the walkway installed in 2017 for the northern baseball/softball fields		
PROJECT JUSTIFICATION (explain the affect on operations: quantify savings or costs, new equipment include a cost/benefit analysis):  To meet federal ADA guidelines for providing accessibility to park facilities.		
PROJECT COST (If multiple phases, which year will the expenditure take place)		
2019 COSTS: \$ 45,000	2020 COSTS:	2021 COSTS:
2022 COSTS:	2023 COSTS:	
FUNDING SOURCE: Capital Improvement Reserve Fund/CDBG Funding		





## CAPITAL IMPROVEMENT PROJECT

PROJECT NAME: Neighborhood Park Improvements	PROJECT I.D. OR DEPARTMENT:	PROJECT YEARS: 2019 - 2023		
TRADE-IN VALUE (IF ANY): N/A	ESTIMATED USEFUL LIFE: 10 years	TOTAL EXPENDITURE: See Below		
DESCRIPTION OR REQUEST (if multiple years, include schedule for engineering, bidding, construction):  Funding for park maintenance and improvement to be used at the discretion of the Parks Advisory Board. This Board meets throughout the year and provides input for improvements they would like to see in the neighborhood parks.				
PROJECT JUSTIFICATION (explain the affect on operations: quantify savings or costs, new equipment include a cost/benefit analysis):  These funds are set aside to be used at the discretion of the Parks Advisory Board as they determine appropriate.				
PROJECT COST (If multiple phases, which year will the expenditure take place)				
2019 COSTS: \$ 25,000	2020 COSTS: \$ 25,000	2021 COSTS: \$ 25,000	2022 COSTS: \$ 25,000	2023 COSTS: \$ 25,000
FUNDING SOURCE: Capital Improvement Reserve Fund				



## CAPITAL IMPROVEMENT PROJECT

PROJECT NAME: City Park & Kyle Park Message Centers	PROJECT I.D. OR DEPARTMENT:	PROJECT YEARS: 2019
TRADE-IN VALUE (IF ANY):	ESTIMATED USEFUL LIFE: 20 years	TOTAL EXPENDITURE: \$5,000
DESCRIPTION OR REQUEST (if multiple years, include schedule for engineering, bidding, construction):  Add message boards in City Park and Kyle Park to increase communications and awareness with park patrons.		
PROJECT JUSTIFICATION (explain the affect on operations: quantify savings or costs, new equipment include a cost/benefit analysis):  To foster increased communications and awareness with park patrons.		
PROJECT COST (If multiple phases, which year will the expenditure take place)  2019 COSTS: \$ 5,000    2020 COSTS:    2021 COSTS:    2022 COSTS:    2023 COSTS:		
FUNDING SOURCE: Capital Improvement Fund		





## CAPITAL IMPROVEMENT PROJECT

PROJECT NAME: Tipp City Entry Signs	PROJECT I.D. OR DEPARTMENT:	PROJECT YEARS: 2019-2020		
TRADE-IN VALUE (IF ANY): N/A	ESTIMATED USEFUL LIFE: 15 years	TOTAL EXPENDITURE: \$ 51,000		
DESCRIPTION OR REQUEST (if multiple years, include schedule for engineering, bidding, construction):  Replacement of the 3 entrance signs in Tipp City.				
PROJECT JUSTIFICATION (explain the affect on operations: quantify savings or costs, new equipment include a cost/benefit analysis):  2019- Replacement of the Tipp City entry sign on Main St near I75 2020- Replacement of the Tipp City entry sign on Co Rd 25A southbound near Meijer				
PROJECT COST (If multiple phases, which year will the expenditure take place)				
2019 COSTS: \$ 17,000	2020 COSTS: \$ 17,000	2021 COSTS:	2022 COSTS:	2023 COSTS:
FUNDING SOURCE Capital Improvement Fund				





## CAPITAL IMPROVEMENT PROJECT

PROJECT NAME: Kyle Park Restrooms	PROJECT I.D. OR DEPARTMENT:	PROJECT YEARS: 2020		
TRADE-IN VALUE (IF ANY):	ESTIMATED USEFUL LIFE: 20 years	TOTAL EXPENDITURE: See Below		
DESCRIPTION OR REQUEST (if multiple years, include schedule for engineering, bidding, construction): Add additional restrooms in Kyle Park				
PROJECT JUSTIFICATION (explain the affect on operations: quantify savings or costs, new equipment include a cost/benefit analysis): New restrooms for residents utilizing Kyle Park. This project will be coordinated with the Miami Conservancy District.				
PROJECT COST (If multiple phases, which year will the expenditure take place)				
2019 COSTS:	2020 COSTS: \$ 50,000	2021 COSTS:	2022 COSTS:	2023 COSTS:
FUNDING SOURCE: Capital Improvement Fund				





## CAPITAL IMPROVEMENT PROJECT

PROJECT NAME: City Park Electric Conversion	PROJECT I.D. OR DEPARTMENT:	PROJECT YEARS: 2022		
TRADE-IN VALUE (IF ANY): N/A	ESTIMATED USEFUL LIFE: 30 years	TOTAL EXPENDITURE: See Below		
DESCRIPTION OR REQUEST (if multiple years, include schedule for engineering, bidding, construction): Convert electrical service in City Park from overhead to underground service				
PROJECT JUSTIFICATION (explain the affect on operations: quantify savings or costs, new equipment include a cost/benefit analysis): City Park beautification, electric service upgrades, and increases in safety and reliability by moving the power lines below ground.				
PROJECT COST (If multiple phases, which year will the expenditure take place)				
2019 COSTS:	2020 COSTS:	2021 COSTS:	2022 COSTS: \$ 60,000	2023 COSTS:
FUNDING SOURCE: Capital Improvement Fund				





## CAPITAL IMPROVEMENT PROJECT

PROJECT NAME:	PROJECT I.D.:	PROJECT YEARS:		
Fencing Kyle Park & Bikeway		2019		
<b>DESCRIPTION:</b> Remove, relocate, or install new +/-1,950' of white 2-rail vinyl fencing.				
<b>PROJECT JUSTIFICATION:</b> In 2018 the City acquired +/-2.391 acres just east of the Great Miami River Bikeway between SR571 (East Main Street) and Kyle Park. The existing white vinyl fence needs to be relocated to the new eastern property line of the replatted property (IL #4288).				
2019 COSTS: \$15,000	2020 COSTS:	2021 COSTS:	2022 COSTS:	2023 COSTS:
<b>FUNDING SOURCE:</b> Capital Improvement Fund				

## CAPITAL IMPROVEMENT PROJECT

PROJECT NAME:	PROJECT I.D. OR DEPARTMENT:	PROJECT YEARS:		
Tippecanoe Family Aquatic Center		2019 - 2022		
TRADE-IN VALUE (IF ANY): N/A	ESTIMATED USEFUL LIFE: 10 years	TOTAL EXPENDITURE: See Below		
<b>DESCRIPTION OR REQUEST</b> (if multiple years, include schedule for engineering, bidding, construction):  Paint and Caulk Pool Bottoms 2019-2022  Replace filter sand in the zero entry pool in 2019 and in the competition pool in 2022 to remove contaminants.				
<b>PROJECT JUSTIFICATION</b> (explain the affect on operations: quantify savings or costs, new equipment include a cost/benefit analysis):  Ongoing maintenance, repair, and equipment replacement at the Aquatic Center.				
<b>PROJECT COST</b> (If multiple phases, which year will the expenditure take place)				
2019 COSTS: \$ 17,000	2020 COSTS: \$ 8,000	2021 COSTS: \$ 20,000	2022 COSTS: \$20,000	2023 COSTS:
<b>FUNDING SOURCE:</b> Capital Improvement Fund				



## CAPITAL IMPROVEMENT PROJECT

PROJECT NAME: Tippecanoe Family Aquatic Center Equipment Replacement	PROJECT I.D. OR DEPARTMENT:	PROJECT YEARS: 2019 – 2023
TRADE-IN VALUE (IF ANY): N/A	ESTIMATED USEFUL LIFE: 10 years	TOTAL EXPENDITURE: See Below
DESCRIPTION OR REQUEST (if multiple years, include schedule for engineering, bidding, construction):  Replacement of pumps, motors, chemical feed controllers, & other equipment at the TFAC. In prior years, these replacements were funded with the 0.25% Parks Income Tax levy, which expired in 2012. Beginning in 2013, the Capital Improvement Fund pays for these items.		
PROJECT JUSTIFICATION (explain the affect on operations: quantify savings or costs, new equipment include a cost/benefit analysis):  Scheduled replacement of equipment due to life expectancy.		
PROJECT COST (If multiple phases, which year will the expenditure take place)		
2019 COSTS: \$ 22,000	2020 COSTS:	2021 COSTS: 2022 COSTS: \$ 15,000 2023 COSTS: \$ 10,000
FUNDING SOURCE: Capital Improvement Fund		





## CAPITAL IMPROVEMENT PROJECT

PROJECT NAME: TFAC Fun & Lifeguard Umbrellas	PROJECT I.D. OR DEPARTMENT:	PROJECT YEARS: 2019 - 2023					
TRADE-IN VALUE (IF ANY): N/A	ESTIMATED USEFUL LIFE: 5 years	TOTAL EXPENDITURE: See Below					
DESCRIPTION OR REQUEST (if multiple years, include schedule for engineering, bidding, construction):  Replace the Small Fun Umbrellas in 2019 and 2023. Replace the Lifeguard Umbrellas in 2020-2021. Replace the 2 Large Fun Umbrellas in 2022.							
PROJECT JUSTIFICATION (explain the affect on operations: quantify savings or costs, new equipment include a cost/benefit analysis):  Scheduled Replacement of Existing Equipment							
PROJECT COST (If multiple phases, which year will the expenditure take place)  <table border="1"><tr><td>2019 COSTS: \$ 13,000</td><td>2020 COSTS: \$ 5,000</td><td>2021 COSTS: \$ 10,000</td><td>2022 COSTS: \$ 15,000</td><td>2023 COSTS: \$ 15,000</td></tr></table>			2019 COSTS: \$ 13,000	2020 COSTS: \$ 5,000	2021 COSTS: \$ 10,000	2022 COSTS: \$ 15,000	2023 COSTS: \$ 15,000
2019 COSTS: \$ 13,000	2020 COSTS: \$ 5,000	2021 COSTS: \$ 10,000	2022 COSTS: \$ 15,000	2023 COSTS: \$ 15,000			
FUNDING SOURCE: Capital Improvement Fund							





## CAPITAL IMPROVEMENT PROJECT

PROJECT NAME: TFAC Concession Upgrade	PROJECT I.D. OR DEPARTMENT:	PROJECT YEARS: 2023		
TRADE-IN VALUE (IF ANY):	ESTIMATED USEFUL LIFE: 20 years	TOTAL EXPENDITURE: See Below		
DESCRIPTION OR REQUEST (if multiple years, include schedule for engineering, bidding, construction): Expand the concession area at the aquatic center				
PROJECT JUSTIFICATION (explain the affect on operations: quantify savings or costs, new equipment include a cost/benefit analysis): Upgrade of existing building to provide a better experience and expand food service.				
PROJECT COST (If multiple phases, which year will the expenditure take place)				
2019 COSTS:	2020 COSTS:	2021 COSTS:	2022 COSTS:	2023 COSTS: \$ 20,000
FUNDING SOURCE: Capital Improvement Fund				

## CAPITAL IMPROVEMENT PROJECT

PROJECT NAME: TFAC Computers & Security	PROJECT I.D. OR DEPARTMENT:	PROJECT YEARS: 2019 - 2023		
TRADE-IN VALUE (IF ANY): N/A	ESTIMATED USEFUL LIFE: 5 years	TOTAL EXPENDITURE: See Below		
DESCRIPTION OR REQUEST (if multiple years, include schedule for engineering, bidding, construction): 2019 Replace Card Printer, Front Desk Printer, and Pool Manager's printer 2020 Replace Point of Sale computers 2021 Replace computer server				
PROJECT JUSTIFICATION (explain the affect on operations: quantify savings or costs, new equipment include a cost/benefit analysis): Scheduled Replacement of Existing Equipment				
PROJECT COST (If multiple phases, which year will the expenditure take place)				
2019 COSTS: \$ 10,000	2020 COSTS: \$ 10,000	2021 COSTS: \$ 10,000	2022 COSTS: \$10,000	2023 COSTS: \$10,000
FUNDING SOURCE: Parks Capital Improvement Fund				



## CAPITAL IMPROVEMENT PROJECT

PROJECT NAME: Parks Truck – 1 Ton Dump Truck	PROJECT I.D. OR DEPARTMENT: 18-4180-E04	PROJECT YEARS: 2019 & 2021
TRADE-IN VALUE (IF ANY): Unknown – both vehicles anticipated to be sold on GovDeals.Com	ESTIMATED USEFUL LIFE: 10 years	TOTAL EXPENDITURE: \$ 45,000
DESCRIPTION OR REQUEST (if multiple years, include schedule for engineering, bidding, construction): Replace 2006 Ford 1 Ton Dump Truck in 2019, (12 year rotation goal). Replace 2008 Ford 1 Ton Dump Truck in 2021, (12 year rotation goal).		
PROJECT JUSTIFICATION (explain the affect on operations: quantify savings or costs, new equipment include a cost/benefit analysis): Scheduled Replacement of Existing Equipment		
PROJECT COST (If multiple phases, which year will the expenditure take place) 2019 COSTS: \$ 45,000    2020 COSTS:    2021 COSTS: \$ 45,000    2022 COSTS:    2023 COSTS:		
FUNDING SOURCE: Capital Improvement Fund		





## CAPITAL IMPROVEMENT PROJECT

PROJECT NAME: Parks Truck – 3/4 ton	PROJECT I.D. OR DEPARTMENT:	PROJECT YEARS: 2020		
TRADE-IN VALUE (IF ANY): Unknown – 2005 vehicle anticipated to be sold on GovDeals.Com	ESTIMATED USEFUL LIFE: 10 years	TOTAL EXPENDITURE: \$ 27,500		
DESCRIPTION OR REQUEST (if multiple years, include schedule for engineering, bidding, construction): Replace 2005 GMC Pick-up Truck in 2020, (12 year rotation goal).				
PROJECT JUSTIFICATION (explain the affect on operations: quantify savings or costs, new equipment include a cost/benefit analysis): Scheduled Replacement of Existing Equipment				
PROJECT COST (If multiple phases, which year will the expenditure take place)				
2019 COSTS:	2020 COSTS: \$ 27,500	2021 COSTS:	2022 COSTS:	2023 COSTS:
FUNDING SOURCE: Capital Improvement Fund				





## CAPITAL IMPROVEMENT PROJECT

PROJECT NAME: Tri-deck mowers	PROJECT I.D. OR DEPARTMENT:	PROJECT YEARS: 2019 - 2023		
TRADE-IN VALUE (IF ANY): Unknown – will be determined as mowers are replaced.	ESTIMATED USEFUL LIFE: 5 years	TOTAL EXPENDITURE: See below		
DESCRIPTION OR REQUEST (if multiple years, include schedule for engineering, bidding, construction): Replace pull behind tri-deck mowers used with the tractors. We currently have 3 mowers and replace them every 4 years but plan to move forward with a 2 mower, 4 year rotation.				
PROJECT JUSTIFICATION (explain the affect on operations: quantify savings or costs, new equipment include a cost/benefit analysis): Scheduled Replacement of Existing Equipment				
PROJECT COST (If multiple phases, which year will the expenditure take place)				
2019 COSTS:	2020 COSTS: \$ 18,000	2021 COSTS:	2022 COSTS: \$ 18,000	2023 COSTS:
FUNDING SOURCE: Capital Improvement Fund				





## CAPITAL IMPROVEMENT PROJECT

PROJECT NAME: Zero Turn Trim Mowers	PROJECT I.D. OR DEPARTMENT:	PROJECT YEARS: 2019 - 2023		
TRADE-IN VALUE (IF ANY): Unknown – will be determined as mowers are replaced	ESTIMATED USEFUL LIFE: 4 years	TOTAL EXPENDITURE: See Below		
DESCRIPTION OR REQUEST (if multiple years, include schedule for engineering, bidding, construction): Replace Zero Turn Trim Mowers. We currently have 5 and normally trade in 1 each year.				
PROJECT JUSTIFICATION (explain the affect on operations: quantify savings or costs, new equipment include a cost/benefit analysis): Scheduled Replacement of Existing Equipment				
PROJECT COST (If multiple phases, which year will the expenditure take place)				
2019 COSTS: \$ 11,000	2020 COSTS: \$ 11,250	2021 COSTS: \$11,250	2022 COSTS: \$ 11,250	2023 COSTS: \$ 11,250
FUNDING SOURCE: Capital Improvement Fund				





## CAPITAL IMPROVEMENT PROJECT

PROJECT NAME: Information Technology Upgrade	PROJECT I.D. OR DEPARTMENT: 03-1040-01	PROJECT YEARS: 2019-2023		
TRADE-IN VALUE (IF ANY): N/A	ESTIMATED USEFUL LIFE: 4-10 years	TOTAL EXPENDITURE: See Below		
<b>DESCRIPTION OR REQUEST</b> (if multiple years, include schedule for engineering, bidding, construction):  Annual replacement of computers (4-year replacement schedule), servers (5-year replacement schedule), network printers and projectors. Include software upgrades and licensing, Anti-Virus, Firewalls for the citywide computer network. Purchase upgrades for various software packages in use. including:  2019 – New Building & Community Dev. Department software for permitting, online, inspections, etc. Software \$36,000 plus new Server \$5,000 (\$41,000) 2019 – Upgrade Income Tax and Utility Billing software (\$90,000) – CMI will not support current systems after 2021 2020 – Upgrade Finance, Payroll, and Fixed Asset software (\$63,500) – CMI will not support current systems after 2021				
<b>PROJECT JUSTIFICATION</b> (explain the affect on operations: quantify savings or costs, new equipment include a cost/benefit analysis):  Upgrade planning and development services to provide better service to community residents and to upgrade the financial management software due to license expiration. The current financial management software (Finance, Payroll, Utilities, Income Tax, and Fixed Asset Management) will not be available for use after 2021.				
<b>PROJECT COST</b> (If multiple phases, which year will the expenditure take place)				
2019 COSTS: \$ 203,430	2020 COSTS: \$ 105,400	2021 COSTS: \$ 72,150	2022 COSTS: \$ 59,575	2023 COSTS: \$ 82,200
<b>FUNDING SOURCE:</b> Capital Improvement Fund				



## CAPITAL IMPROVEMENT PROJECT

<b>PROJECT NAME:</b> Government Center/Community Services Improvements		<b>PROJECT I.D. OR DEPARTMENT:</b> 03-1040-03	<b>PROJECT YEARS:</b> 2019-2023	
<b>TRADE-IN VALUE (IF ANY):</b> N/A		<b>ESTIMATED USEFUL LIFE:</b> 5-20 years	<b>TOTAL EXPENDITURE:</b> See Below	
<b>DESCRIPTION OR REQUEST</b> (if multiple years, include schedule for engineering, bidding, construction):  2019: HVAC units for Government Center (\$21,000), and replace cracked heat exchangers as needed (\$5,000),  2020: Police Department polyurethane membrane roof replacement (\$66,500), HVAC units for Government Center (\$36,000), Council chamber upgrades (\$40,000), and replace cracked heat exchangers as needed (\$5,000),  2021: Expand Government Center parking lot (\$50,000), Kiosk for lobby (\$5,000), A/C for Electric Room (\$8,000), and replace cracked heat exchangers as needed (\$5,000),  2022: Replace exterior lighting (poles & wall units - \$10,000), make-up A/C for PD (\$15,000), and replace cracked heat exchangers as needed (\$5,000)  2023: Government Center - Repaint interior (\$15,000) and exterior (\$15,000) of the PD & Government Center, and replace cracked heat exchangers as needed (\$5,000)  Community Services Building – repaint exterior (\$15,000)				
<b>PROJECT JUSTIFICATION</b> (explain the affect on operations: quantify savings or costs, new equipment include a cost/benefit analysis):  Maintenance and repair on the Government Center and Community Services facilities which serves to extend the life of the reported asset and provides higher service levels to the City residents.				
<b>PROJECT COST</b> (If multiple phases, which year will the expenditure take place)				
<b>2019 COSTS:</b> \$ 26,000	<b>2020 COSTS:</b> \$ 147,500	<b>2021 COSTS:</b> \$ 68,000	<b>2022 COSTS:</b> \$ 30,000	<b>2023 COSTS:</b> \$ 50,000
<b>FUNDING SOURCE:</b> Capital Improvement Fund				



## CAPITAL IMPROVEMENT PROJECT

PROJECT NAME: Replace Copiers	PROJECT I.D. OR DEPARTMENT: 08-3140-01	PROJECT YEARS: 2019-2023		
TRADE-IN VALUE (IF ANY): N/A	ESTIMATED USEFUL LIFE: 5 years	TOTAL EXPENDITURE: \$12,000/Year		
<b>DESCRIPTION OR REQUEST</b> (if multiple years, include schedule for engineering, bidding, construction):  Replacement of copier/scanner/fax on a five (5) year replacement schedule.  2019: Replace copier used by Police Department (purchased in 2014) @ end of 60-month maintenance period.  2021: Replace copier used by the City Manager's office (purchased in 2016) @ end of 60-month maintenance period.  2022: Replace Finance Department copier (purchased in 2017) @ end of 60-month maintenance period.  2023: Replace copier used by Community & Economic Development, Utilities, Engineering Departments (purchased in 2018) @ end of 60-month maintenance period.				
<b>PROJECT JUSTIFICATION</b> (explain the affect on operations: quantify savings or costs, new equipment include a cost/benefit analysis):  Scheduled Replacement of Existing Equipment Replacement of Failed or Obsolete Equipment				
<b>PROJECT COST</b> (If multiple phases, which year will the expenditure take place)				
2019 COSTS: \$12,000	2020 COSTS: \$	2021 COSTS: \$ 12,000	2022 COSTS: \$ 12,000	2023 COSTS: \$ 12,000
<b>FUNDING SOURCE:</b> Capital Improvement Fund				



## CAPITAL IMPROVEMENT PROJECT

PROJECT NAME: Fiber Optic Testing & Maintenance	PROJECT I.D. OR DEPARTMENT: 15-1040-01	PROJECT YEARS: 2019-2023		
TRADE-IN VALUE (IF ANY): N/A	ESTIMATED USEFUL LIFE: N/A	TOTAL EXPENDITURE: \$ 10,000/Year		
<b>DESCRIPTION OR REQUEST</b> (if multiple years, include schedule for engineering, bidding, construction):  Purchase equipment to test and maintain City's fiber optic system used for traffic signal controls, backhaul for AMR/AMI systems, and communications between City facilities.  Annual expenditures change based on the need of that particular year. Some common types of Fiber expenses would include: transmission equipment replacement/upgrade, fiber trailer expenses, fiber optic splicing equipment, fiber optic test equipment, spare fiber optic cable, cable markers, strand and pole line hardware, etc				
<b>PROJECT JUSTIFICATION</b> (explain the affect on operations: quantify savings or costs, new equipment include a cost/benefit analysis):  Provide New or Higher Service Level Replacement of Failed or Obsolete Equipment				
<b>PROJECT COST</b> (If multiple phases, which year will the expenditure take place)				
2019 COSTS: \$ 10,000	2020 COSTS: \$ 10,000	2021 COSTS: \$ 10,000	2022 COSTS: \$ 10,000	2023 COSTS: \$ 10,000
<b>FUNDING SOURCE:</b> Capital Improvement Fund				



## CAPITAL IMPROVEMENT PROJECT

PROJECT NAME: VOIP Phone System Replacement		PROJECT I.D. OR DEPARTMENT:	PROJECT YEARS: 2021	
TRADE-IN VALUE (IF ANY): Unknown – 2015 system anticipated to be sold on GovDeals.Com		ESTIMATED USEFUL LIFE: 5 years	TOTAL EXPENDITURE: \$ 70,000	
<b>DESCRIPTION OR REQUEST</b> (if multiple years, include schedule for engineering, bidding, construction):  Replace 2015 Voice Over Internet Protocol phone systems in our Municipal Building (Government Center, Police Department, Service Center, Electric Service Center, Family Aquatic Center, & NAWA). Existing system's 5 year warranty expires in April of 2021.				
<b>PROJECT JUSTIFICATION</b> (explain the affect on operations: quantify savings or costs, new equipment include a cost/benefit analysis):  Scheduled Replacement of Existing Equipment				
<b>PROJECT COST</b> (If multiple phases, which year will the expenditure take place)				
2019 COSTS:	2020 COSTS:	2021 COSTS: \$ 70,000	2022 COSTS:	2023 COSTS:
<b>FUNDING SOURCE:</b> Capital Improvement Fund				

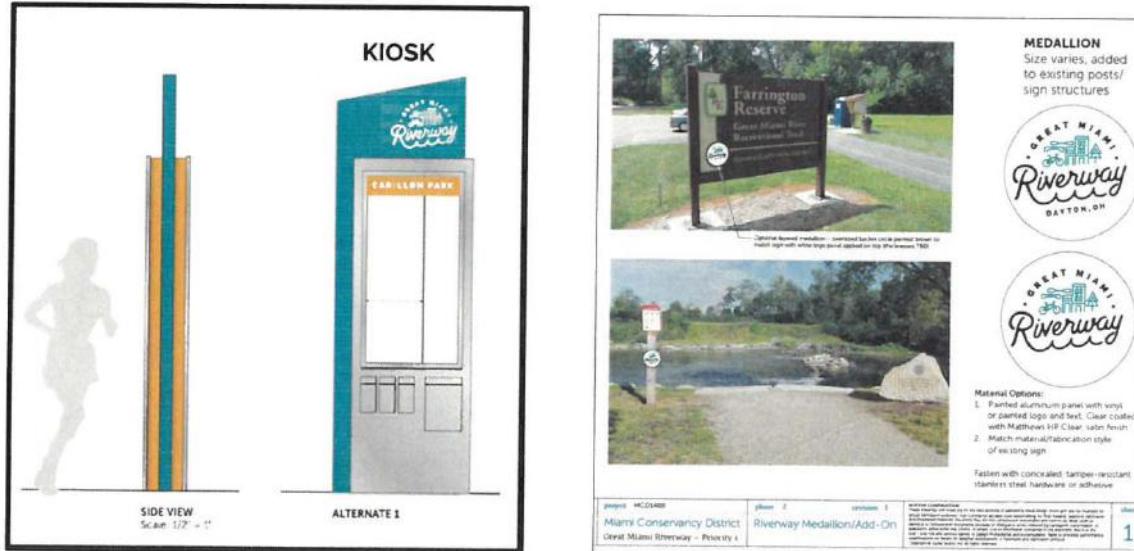
## CAPITAL IMPROVEMENT PROJECT

PROJECT NAME: Planimetrics		PROJECT I.D. OR DEPARTMENT:	PROJECT YEARS: 2020	
TRADE-IN VALUE (IF ANY): N/A		ESTIMATED USEFUL LIFE: 15 years	TOTAL EXPENDITURE: \$ 60,000	
<b>DESCRIPTION OR REQUEST</b> (if multiple years, include schedule for engineering, bidding, construction):  Replace 2001 2D Planimetrics with 2D Planimetrics				
<b>PROJECT JUSTIFICATION</b> (explain the affect on operations: quantify savings or costs, new equipment include a cost/benefit analysis):  Tipp City's existing 2D Planimetrics are from 2001. The proposed 3D Planimetrics will provide enhanced details and service for our customers. Will provide 3D model for buildings, digital terrain (slopes), 2" contours, picks up all areas not previously mapped in the 2001 version.				
<b>PROJECT COST</b> (If multiple phases, which year will the expenditure take place)				
2019 COSTS:	2020 COSTS:	2021 COSTS: \$ 60,000	2022 COSTS:	2023 COSTS:
<b>FUNDING SOURCE:</b> Capital Improvement Fund				



## CAPITAL IMPROVEMENT PROJECT

PROJECT NAME Great Miami Riverway Signage	PROJECT I.D.: 	PROJECT YEARS: 2019		
<b>DESCRIPTION:</b>				
Tipp City is part of the Great Miami Riverway, being the 99 mile segment of the Great Miami River from Sidney to Hamilton. This group of local governments has joined to brand and market the Riverway. The first step is to install and upgrade signage along the Riverway to create uniformity and a sense of place. In 2019 the program would add a Kiosk, Medallions to existing signs, and a new panel on the Great Miami River Bikeway signs. 2021 would continue these efforts.				
<b>PROJECT JUSTIFICATION:</b>				
Enhanced economic development opportunity for Tipp City to showcase the Great Miami River Bikeway and the national aquatic trail being the Great Miami River. Regional cooperation with the other governmental and private partners from Sidney to Hamilton.				
2019 COSTS: \$ 10,000	2020 COSTS: 	2021 COSTS: \$10,000	2022 COSTS: 	2023 COSTS: 
<b>FUNDING SOURCE:</b>				
Capital Improvement Fund				



Project: MCDA-002 Miami Conservancy District Great Miami Riverway - Priority 1	Phase: 2 Comments: 1 Riverway Medallion/Add-On	Project Coordinator: [Redacted] Last Update: [Redacted] Last Review: [Redacted] Last Approved: [Redacted]	Sheet: 1
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**2019-2023  
STREET PROGRAM  
FIVE YEAR IMPROVEMENT PLAN**

2019	\$ 570,000	Annual Asphalt Street Resurfacing – Streets will be prioritized and paving determined on need.
	\$ 25,000	Alley Resurfacing and Repairs
	\$ 45,000	Sidewalk and Curb/Gutter replacement Program
	\$ 85,000	Stormwater & Storm Sewer Maintenance – Includes Dredging Existing Ditches
	\$100,000	S. Kinna Dr. Improvements (W. Main St. south to existing Kinna Dr.)
	\$620,000	I-75 Ditch Maintenance Improve properties backing up to I-75 sound wall with storm sewer (N. Garber/Bellaire north to Comanche)
	\$75,000	CR25A Widening (Springmeade to Kessler-Cowlesville) Engineering/Right of Way Acquisition
	\$ 75,000	Main Street Streetscape (1 <sup>st</sup> Street to Bike path) Right of Way Acquisition
	\$ 100,000	City Stormwater Evaluation and Ditch Study
2020	\$ 580,000	Annual Asphalt Street Resurfacing – Streets will be prioritized and paving determined on need.
	\$ 25,000	Alley Resurfacing and Repairs
	\$ 50,000	Sidewalk and Curb/Gutter replacement Program
	\$ 90,000	Stormwater & Storm Sewer Maintenance – Includes Dredging Existing Ditches
	\$ 240,000	Hyatt/Park Traffic Signal Construction
	\$ 300,000	W. Plum Street Reconstruction
	\$175,000	Wunderwood Drive Expansion/Paving
	\$ 1,842,000	Main Street Streetscape (1 <sup>st</sup> St. to Bikepath) – ODOT/OPWC Funded Project
	\$ 1,490,000	CR25A Widening (Springmeade to Kessler-Cowlesville) – ODOT/OPWC Funded Project



**2019-2023  
STREET PROGRAM  
FIVE YEAR IMPROVEMENT PLAN**

2021	\$ 590,000	Annual Asphalt Street Resurfacing – Streets will be prioritized and paving determined on need.
	\$ 25,000	Alley Resurfacing and Repairs
	\$ 50,000	Sidewalk and Curb/Gutter replacement Program
	\$ 40,000	Stormwater & Storm Sewer Maintenance
	\$250,000	I-75 Interchange Improvements (Exits 68 and 69)
2022	\$ 600,000	Annual Asphalt Street Resurfacing – Streets will be prioritized and paving determined on need.
	\$ 25,000	Alley Resurfacing and Repairs
	\$ 50,000	Sidewalk and Curb/Gutter replacement Program
	\$ 45,000	Stormwater & Storm Sewer Maintenance
	\$200,000	Widen Wagon Wheel Drive (TFAC Entrance)
2023	\$ 610,000	Annual Asphalt Street Resurfacing – Streets will be prioritized and paving determined on need.
	\$ 25,000	Alley Resurfacing and Repairs
	\$ 50,000	Sidewalk and Curb/Gutter replacement Program
	\$ 45,000	Stormwater & Storm Sewer Maintenance



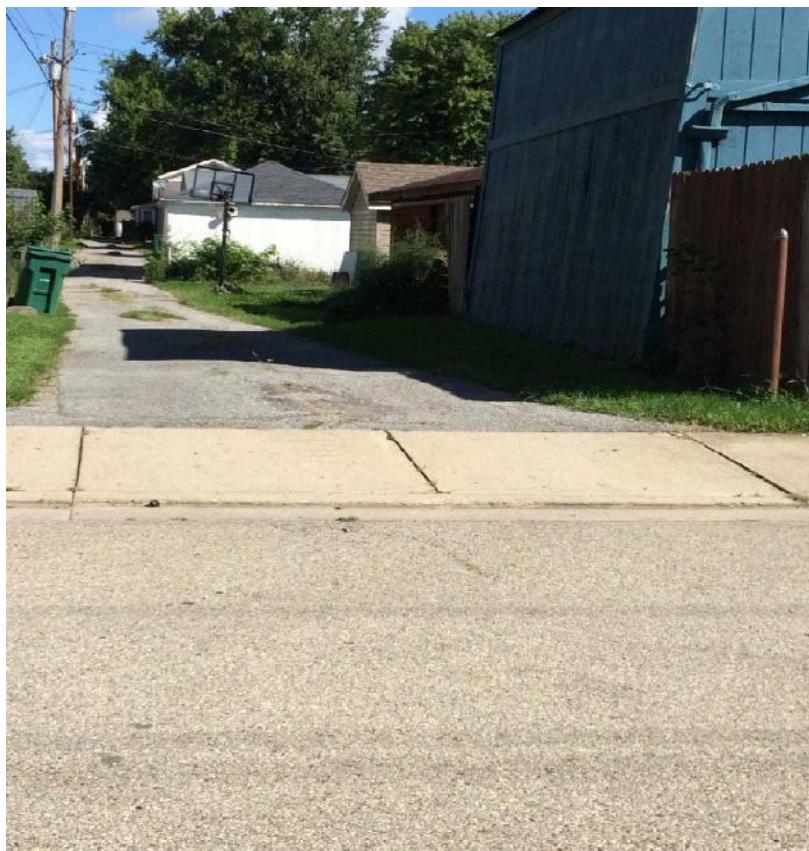
## CAPITAL IMPROVEMENT PROJECT

PROJECT NAME: Annual Asphalt Resurfacing Program	PROJECT I.D. OR DEPARTMENT:	PROJECT YEARS: 2019 - 2023		
TRADE-IN VALUE (IF ANY): N/A	ESTIMATED USEFUL LIFE: 20 years	TOTAL EXPENDITURE: See Below		
<b>DESCRIPTION:</b>  Originally scheduled for \$400,000 annually, additional paving has been added to move from an 18-20 year resurfacing program to get closer to 15-17 year resurfacing program, also accounts for annual inflationary increases.  In 2020 (\$10,000) and 2021 (\$143,000) a portion of these funds will be used as matching funds for a 50% ODOT grant (PID#108161) to repave N. Hyatt from Park Ave. to just north of K/C Road, repair base failures, length +/-6,255', loop detector replacements, & thermoplastic striping:  \$ 153,000 Tipp City local match (for areas inside the corporate limits) 153,000 Miami County local match (for areas outside the corporate limits) <u>346,220</u> ODOT Grant \$ 652,220 total project				
<b>PROJECT JUSTIFICATION</b> (explain the affect on operations: quantify savings or costs, new equipment include a cost/benefit analysis):  The main focus of the capital improvement tax levy adopted in 2011 was for the renovation and resurfacing of the City streets. This budgetary request provides funding to meet the intent of that tax levy.				
<b>PROJECT COST</b> (If multiple phases, which year will the expenditure take place)				
2019 COSTS: \$ 570,000	2020 COSTS: \$ 580,000	2021 COSTS: \$ 590,000	2022 COSTS: \$ 600,000	2023 COSTS: \$ 610,000
<b>FUNDING SOURCE:</b> Capital Improvement Fund				



## CAPITAL IMPROVEMENT PROJECT

PROJECT NAME: Alley Improvement Program	PROJECT I.D. OR DEPARTMENT:	PROJECT YEARS: 2019 - 2023		
TRADE-IN VALUE (IF ANY): N/A	ESTIMATED USEFUL LIFE: 20 years	TOTAL EXPENDITURE: \$ 25,000/Year		
DESCRIPTION: Alley Resurfacing and Repair				
PROJECT JUSTIFICATION (explain the affect on operations: quantify savings or costs, new equipment include a cost/benefit analysis): Alley maintenance and repair is of City owned alleyways providing access to residents garages.				
PROJECT COST (If multiple phases, which year will the expenditure take place)				
2019 COSTS: \$ 25,000	2020 COSTS: \$ 25,000	2021 COSTS: \$ 25,000	2022 COSTS: \$ 25,000	2023 COSTS: \$ 25,000
FUNDING SOURCE: Capital Improvement Fund				





## CAPITAL IMPROVEMENT PROJECT

PROJECT NAME: Curb, Gutter and Sidewalk Program	PROJECT I.D. OR DEPARTMENT:	PROJECT YEARS: 2019 - 2023		
TRADE-IN VALUE (IF ANY): N/A	ESTIMATED USEFUL LIFE: 20 years	TOTAL EXPENDITURE: See Below		
<b>DESCRIPTION:</b>  Council's policy is to require replacement of deficient & damaged curb, gutter, and sidewalk.				
<b>PROJECT JUSTIFICATION</b> (explain the affect on operations: quantify savings or costs, new equipment include a cost/benefit analysis):  Replacement of deficient curb, gutter, and sidewalk throughout the community.				
<b>PROJECT COST</b> (If multiple phases, which year will the expenditure take place)				
2019 COSTS: \$ 45,000	2020 COSTS: \$ 50,000	2021 COSTS: \$ 50,000	2022 COSTS: \$ 50,000	2023 COSTS: \$ 50,000
<b>FUNDING SOURCE:</b> Capital Improvement Fund				

## CAPITAL IMPROVEMENT PROJECT

PROJECT NAME: City Stormwater Evaluation and Ditch Study	PROJECT I.D. OR DEPARTMENT:	PROJECT YEARS: 2019		
TRADE-IN VALUE (IF ANY): N/A	ESTIMATED USEFUL LIFE: 20 years	TOTAL EXPENDITURE: \$ 100,000		
<b>DESCRIPTION:</b>  Evaluation of the stormwater system and water movement through the City following periods of heavy rain. A formal assessment of this type has not been performed in at least the last ten years.				
<b>PROJECT JUSTIFICATION</b> (explain the affect on operations: quantify savings or costs, new equipment include a cost/benefit analysis):  Stormwater improvements have been identified as a significant issue in recent years and there is a need to correct stormwater deficiencies where possible.				
<b>PROJECT COST</b> (If multiple phases, which year will the expenditure take place)				
2019 COSTS: \$ 100,000	2020 COSTS:	2021 COSTS:	2022 COSTS:	2023 COSTS:
<b>FUNDING SOURCE:</b> Capital Improvement Fund				



## CAPITAL IMPROVEMENT PROJECT

PROJECT NAME: Stormwater Improvements	PROJECT I.D. OR DEPARTMENT:	PROJECT YEARS: 2019 - 2023		
TRADE-IN VALUE (IF ANY): N/A	ESTIMATED USEFUL LIFE: 20 years	TOTAL EXPENDITURE: See Below		
<b>DESCRIPTION:</b>  Annual Storm Sewer Maintenance Improvements and Repairs - \$30,000-\$40,000  2019-2020 includes \$50,000 per year for dredging of existing storm ditches  2019 – Construction - I-75 Ditch Maintenance (N. Garber/Bellaire to Comanche) - \$350,000 if needed				
<b>PROJECT JUSTIFICATION</b> (explain the affect on operations: quantify savings or costs, new equipment include a cost/benefit analysis):  Stormwater improvements, particularly along the I-75 corridor, have been identified as a significant issue in recent years and there is a need to correct stormwater deficiencies where possible.				
<b>PROJECT COST</b> (If multiple phases, which year will the expenditure take place)				
2019 COSTS: \$ 435,000	2020 COSTS: \$ 90,000	2021 COSTS: \$ 40,000	2022 COSTS: \$ 45,000	2023 COSTS: \$ 45,000
<b>FUNDING SOURCE:</b> Capital Improvement Fund				



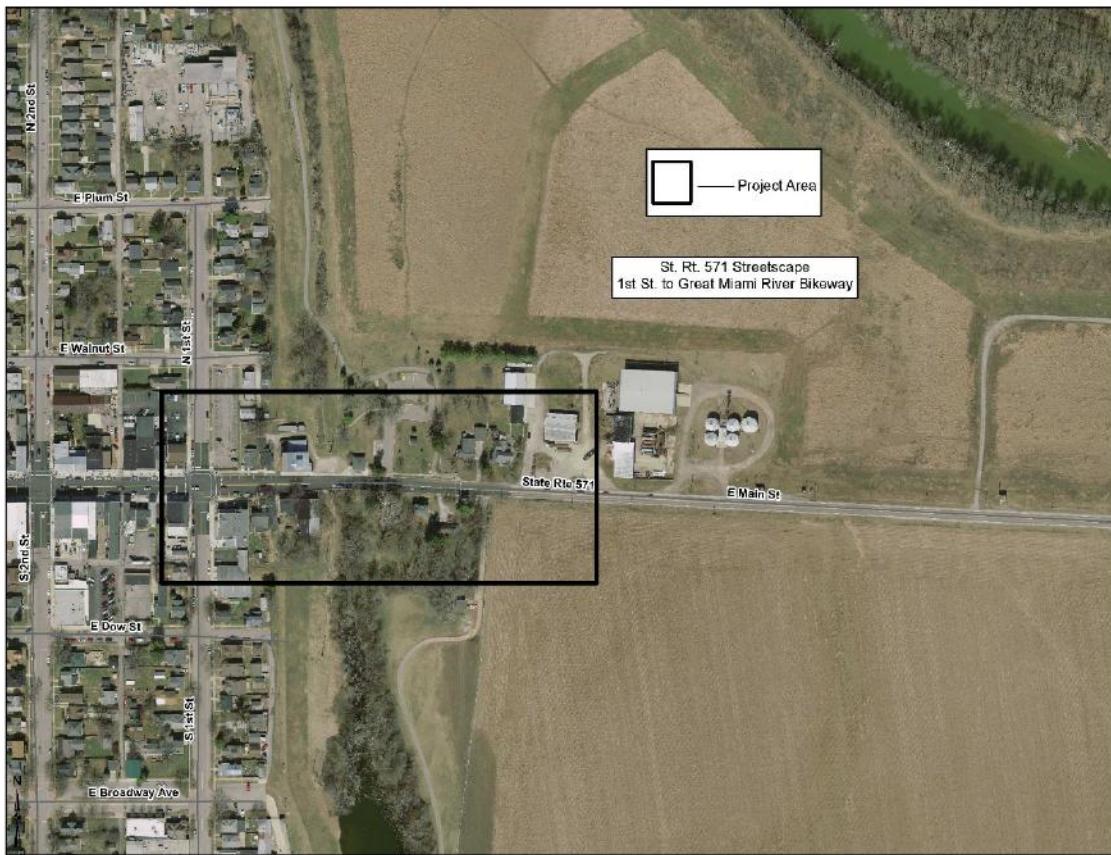


## CAPITAL IMPROVEMENT PROJECT

PROJECT NAME: SR571 Streetscape (1 <sup>st</sup> >GMRB)	PROJECT I.D. OR DEPARTMENT:	PROJECT YEARS: 2019-2020		
TRADE-IN VALUE (IF ANY): N/A	ESTIMATED USEFUL LIFE: 20 years	TOTAL EXPENDITURE: \$ 1,937,000		
<b>DESCRIPTION:</b> <p>Complete StreetScape from 1<sup>st</sup> Street intersection easterly to +/-200' east of Great Miami River Bikeway (GMRB) including: decorative lighting, pavers, adding 10' wide multiuse trail connection, sidewalks, roadway redesign, sliplining sanitary sewer, bike "park-n-ride" 4 space lot, etc.</p>				
<b>PROJECT JUSTIFICATION</b> (explain the affect on operations: quantify savings or costs, new equipment include a cost/benefit analysis): <p>This project is an extension of the downtown infrastructure updates and beautification efforts and will extend the downtown streetscape design to the Great Miami River Bikeway.</p>				
<b>PROJECT COST</b> (If multiple phases, which year will the expenditure take place)				
2019 COSTS: \$ 75,000	2020 COSTS: \$ 1,842,000	2021 COSTS:	2022 COSTS:	2023 COSTS:
<b>FUNDING SOURCE:</b> <p>MVRPC - STP Grant (79%) - \$ 1,549,980 Capital Improvement Fund - \$412,020 for construction. Engineering funds will be 100% City CIP fund</p>				

### Timeline:

RFP for Engineering (ODOT Process)	1/2017
<b>Start</b> Engineering Work/Design	6/2017
RFQ for CI (ODOT Process)	3/2020
Construction starts	12/2020



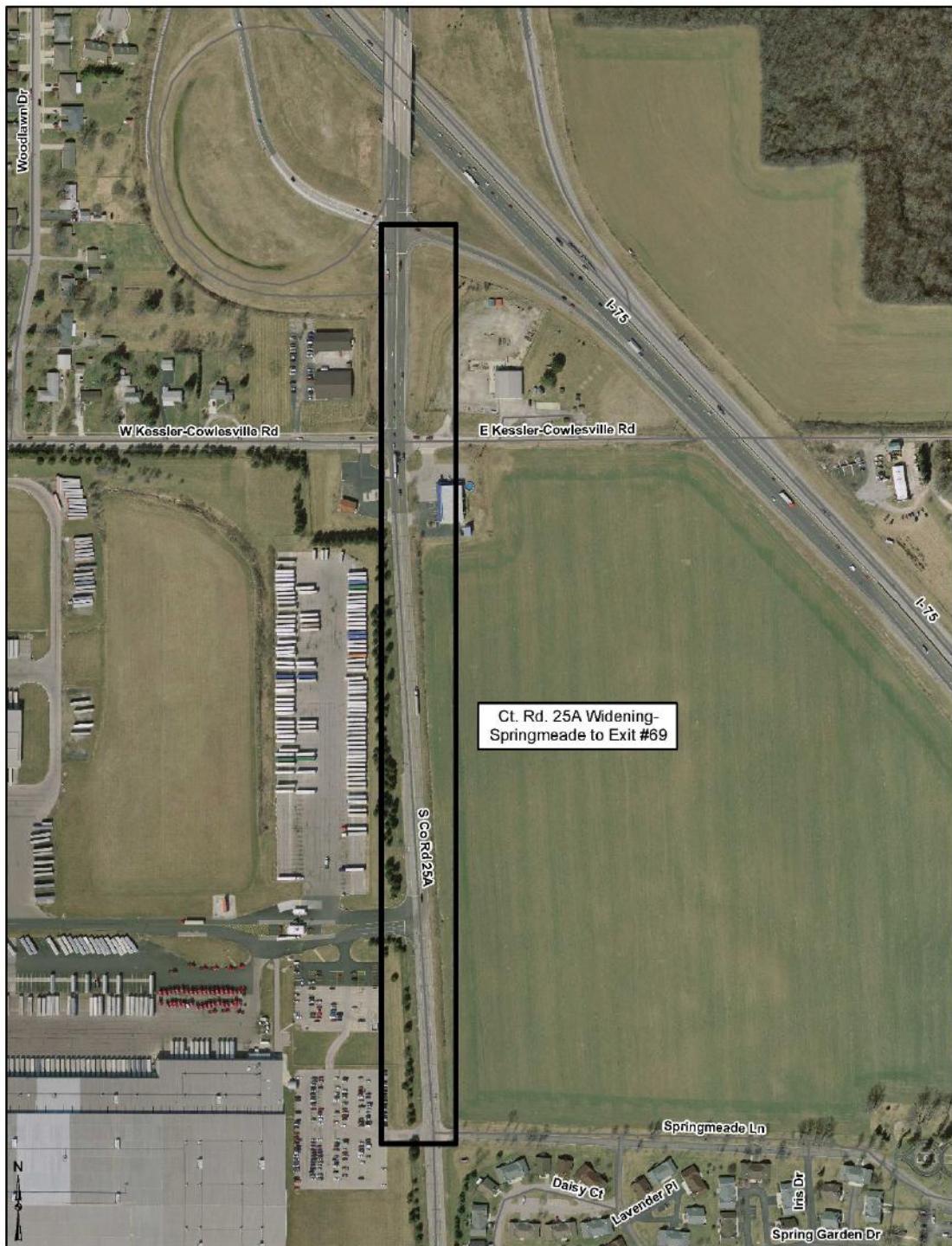


## CAPITAL IMPROVEMENT PROJECT

PROJECT NAME: CR25A Widening (SpringMeade>Exit #69)	PROJECT I.D. OR DEPARTMENT:	PROJECT YEARS: 2019-2020		
TRADE-IN VALUE (IF ANY): N/A	ESTIMATED USEFUL LIFE: 20 years	TOTAL EXPENDITURE: \$ 1,565,000		
<b>DESCRIPTION:</b> Widen South CR25A from SpringMeade northerly to the Exit #69 intersection from 4-lanes to 5-lanes. Project includes upgrades to two traffic signals, adding 5 <sup>th</sup> lane, creating 4-way intersection at Meijer, street lighting, storm sewer modifications, etc. ROW needed from Knickerbocker Pool property (66' to 100' ROW).				
<b>PROJECT JUSTIFICATION</b> (explain the affect on operations: quantify savings or costs, new equipment include a cost/benefit analysis):  This project will provide a fifth lane to promote commercial/industrial development of the property in this area.				
<b>PROJECT COST</b> (If multiple phases, which year will the expenditure take place)				
2019 COSTS: \$ 75,000	2020 COSTS: \$ 1,490,000	2021 COSTS:	2022 COSTS:	2023 COSTS:
<b>FUNDING SOURCE:</b> MVRPC - STP Grant (79%) - \$ 1,335,100 Private Donations (Meijer & Lesher) - \$100,000 Capital Improvement Fund - \$254,900 for construction. Engineering funds (2017-2018) and ROW monies (2019) will be City CIP funded				

### Timeline:

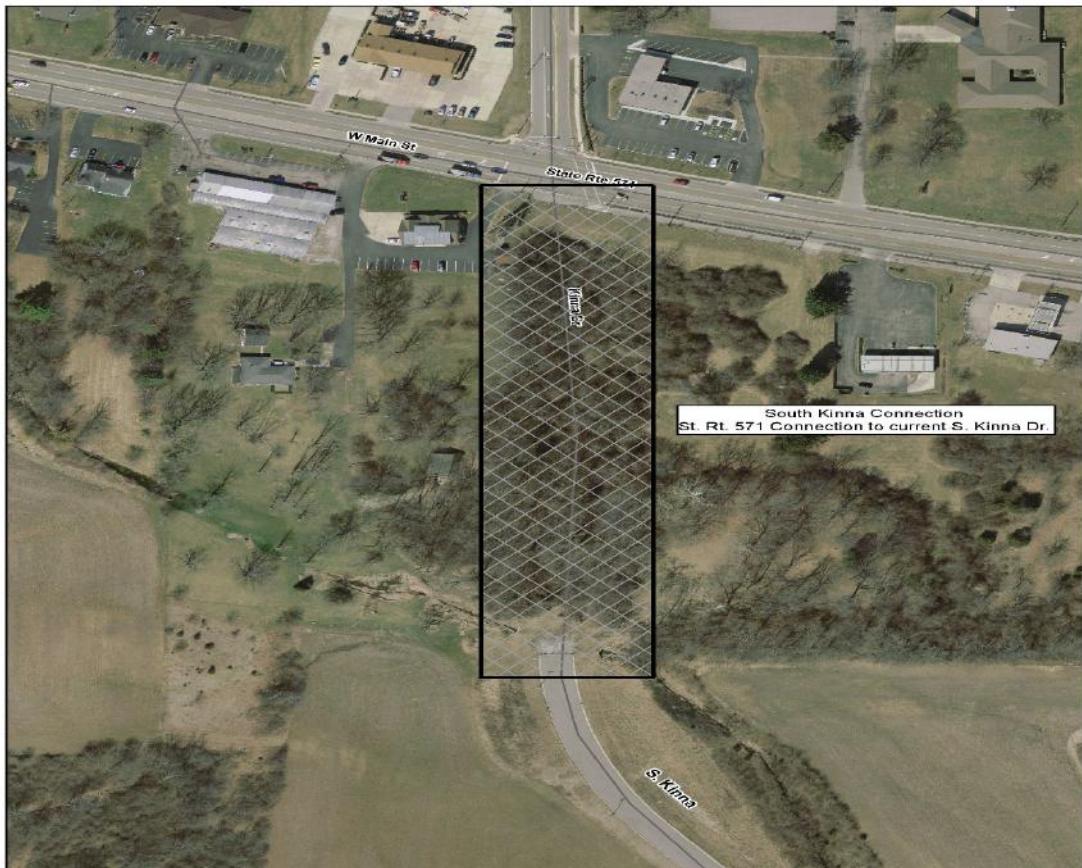
RFP for Engineering (ODOT Process)	1/2017
Start Engineering Work/Design	6/2017
RQ for right-of-way services (ODOT)	1/2019
Hire ROW firm & start acquisitions	6/2019
RFQ for CI (ODOT Process)	3/2020
Construction starts	12/2020





## CAPITAL IMPROVEMENT PROJECT

PROJECT NAME: S. Kinna Dr.	PROJECT I.D. OR DEPARTMENT: N/A	PROJECT YEARS: 2019
TRADE-IN VALUE (IF ANY): N/A	ESTIMATED USEFUL LIFE: N/A	TOTAL EXPENDITURE: \$ 100,000
<b>DESCRIPTION:</b>  Purchase the land or right of way to permit the extension of S. Kinna Drive between Main Street (SR571) and the existing S. Kinna Drive. This project was included in the initial 10-year capital improvement plan.		
<b>PROJECT JUSTIFICATION</b> (explain the affect on operations: quantify savings or costs, new equipment include a cost/benefit analysis):  This project was identified and included in the 2011 capital improvement tax plan as a project vital to future commercial growth in this area.		
<b>PROJECT COST</b> (If multiple phases, which year will the expenditure take place)  2019 COSTS: \$ 100,000    2020 COSTS:    2021 COSTS:    2022 COSTS:    2023 COSTS:		
<b>FUNDING SOURCE:</b>  Capital Improvement Fund		





## CAPITAL IMPROVEMENT PROJECT

PROJECT NAME: Plum Street Reconstruction	PROJECT I.D. OR DEPARTMENT:	PROJECT YEARS: 2020					
TRADE-IN VALUE (IF ANY): N/A	ESTIMATED USEFUL LIFE: 20 years	TOTAL EXPENDITURE: \$ 300,000					
<b>DESCRIPTION:</b> <p>This is a complete reconstruction of a small section of Plum Street due to disrepair and inability to resurface the existing road profile.</p>							
<b>PROJECT JUSTIFICATION</b> (explain the affect on operations: quantify savings or costs, new equipment include a cost/benefit analysis): <p>Engineering Design has been completed for the Plum Street Reconstruction. The crown on Plum Street has become too high due to years of repaving. Repair and remediation is needed.</p>							
<b>PROJECT COST</b> (If multiple phases, which year will the expenditure take place) <table border="1"><tr><td>2019 COSTS:</td><td>2020 COSTS: \$ 300,000</td><td>2021 COSTS:</td><td>2022 COSTS:</td><td>2023 COSTS:</td></tr></table>			2019 COSTS:	2020 COSTS: \$ 300,000	2021 COSTS:	2022 COSTS:	2023 COSTS:
2019 COSTS:	2020 COSTS: \$ 300,000	2021 COSTS:	2022 COSTS:	2023 COSTS:			
<b>FUNDING SOURCE:</b> Capital Improvement Fund							





## CAPITAL IMPROVEMENT PROJECT

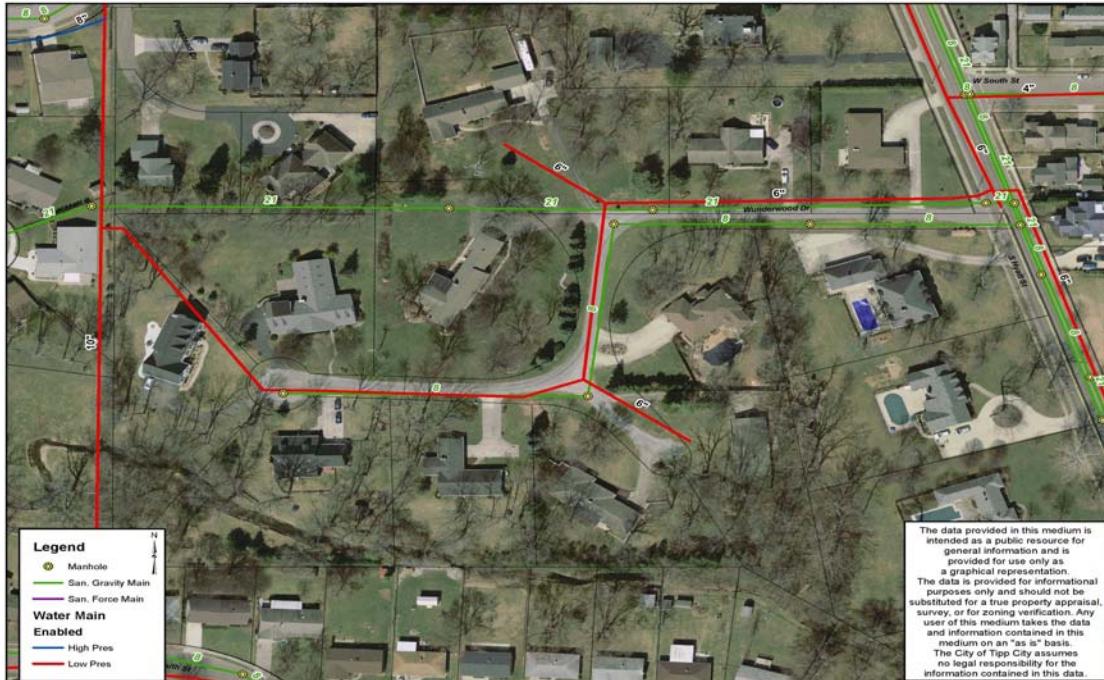
PROJECT NAME: Hyatt/Park Avenue Traffic Signal	PROJECT I.D. OR DEPARTMENT:	PROJECT YEARS: 2019 - 2020
TRADE-IN VALUE (IF ANY): N/A	ESTIMATED USEFUL LIFE: 20 years	TOTAL EXPENDITURE: \$ 262,000
<b>DESCRIPTION:</b> The Hyatt/Park Intersection will be redesigned in 2019 and constructed in 2020.		
<b>PROJECT JUSTIFICATION</b> (explain the affect on operations: quantify savings or costs, new equipment include a cost/benefit analysis): The signalization at this intersection is prone to repeated failure. The control box is outdated and has been repaired with spare parts for several years and it is becoming more difficult to locate the parts needed to continue repairs.		
<b>PROJECT COST</b> (If multiple phases, which year will the expenditure take place) 2019 COSTS: \$ 22,000    2020 COSTS: \$ 240,000    2021 COSTS:    2022 COSTS:    2023 COSTS:		
<b>FUNDING SOURCE:</b> Capital Improvement Fund		





## CAPITAL IMPROVEMENT PROJECT

PROJECT NAME: Wunderwood Dr.	PROJECT I.D. OR DEPARTMENT: 2020	PROJECT YEARS:							
TRADE-IN VALUE (IF ANY): N/A	ESTIMATED USEFUL LIFE: N/A	TOTAL EXPENDITURE: \$ 175,000							
<b>DESCRIPTION:</b> <p>Reconstruct and widen Wunderwood Drive from its current 12 foot width to an 18 foot width. This is conjunction with a project to replace the transite water line on Wunderwood Dr. The residents will be assessed for the costs of repaving the existing roadway while the City will pay the costs of widening the roadway to permit two-way traffic.</p>									
<b>PROJECT JUSTIFICATION</b> (explain the affect on operations: quantify savings or costs, new equipment include a cost/benefit analysis): <p>The City needs to replace the transite water line along the existing Wunderwood Drive which will require the removal/replacement of part of the existing roadway. This is the appropriate time to make the roadway improvements while the water line is being replaced.</p>									
<b>PROJECT COST</b> (If multiple phases, which year will the expenditure take place) <table border="1"> <tr> <td>2019 COSTS:</td> <td>2020 COSTS: \$ 175,000</td> <td>2021 COSTS:</td> <td>2022 COSTS:</td> <td>2023 COSTS:</td> </tr> </table>					2019 COSTS:	2020 COSTS: \$ 175,000	2021 COSTS:	2022 COSTS:	2023 COSTS:
2019 COSTS:	2020 COSTS: \$ 175,000	2021 COSTS:	2022 COSTS:	2023 COSTS:					
<b>FUNDING SOURCE:</b> <p>Capital Improvement Fund</p>									





## CAPITAL IMPROVEMENT PROJECT

PROJECT NAME: I-75 Interchange Improvements	PROJECT I.D. OR DEPARTMENT: N/A	PROJECT YEARS: 2021
TRADE-IN VALUE (IF ANY): N/A	ESTIMATED USEFUL LIFE: N/A	TOTAL EXPENDITURE: \$ 250,000
DESCRIPTION: Exit 68 and Exit 69 beautification project.		
PROJECT JUSTIFICATION (explain the affect on operations: quantify savings or costs, new equipment include a cost/benefit analysis):  One of Council's ongoing goals has been the reconstruction/beautification of the exits along I-75 leading into the City.		
PROJECT COST (If multiple phases, which year will the expenditure take place)  2019 COSTS: 2020 COSTS: 2021 COSTS: 2022 COSTS: 2023 COSTS: \$ 175,000		
FUNDING SOURCE: Capital Improvement Fund		





## CAPITAL IMPROVEMENT PROJECT

PROJECT NAME: Aquatic Center Lane Widening – Wagon Wheel Drive	PROJECT I.D. OR DEPARTMENT:	PROJECT YEARS: 2022		
TRADE-IN VALUE (IF ANY): N/A	ESTIMATED USEFUL LIFE: 20 years	TOTAL EXPENDITURE: \$ 200,000		
<b>DESCRIPTION:</b> Wagon Wheel Drive, the entrance to the Tippecanoe Family Aquatic Center (TFAC) needs to be widened to provide two way traffic and better traffic flow into and out of the facility.				
<b>PROJECT JUSTIFICATION</b> (explain the affect on operations: quantify savings or costs, new equipment include a cost/benefit analysis):  The existing roadway into and out of the Tippecanoe Family Aquatic Center and to the ball diamonds and grassy areas north of the Aquatic Center is deficient and does not provide for proper ingress/egress to this area. The roadway widening would include cutting back the honeysuckle on the east side of the existing roadway and adding additional width to the existing roadway to enable two-way traffic flow.				
<b>PROJECT COST</b> (If multiple phases, which year will the expenditure take place)				
2019 COSTS:	2020 COSTS:	2021 COSTS:	2022 COSTS: \$ 200,000	2023 COSTS:
<b>FUNDING SOURCE:</b> Capital Improvement Fund				





## CAPITAL IMPROVEMENT PROJECT

PROJECT NAME: Mini Trackhoe	PROJECT I.D.:	PROJECT YEARS: 2019		
TRADE-IN VALUE (IF ANY): N/A – will replace 2000 Streets Backhoe when that piece of equipment goes out of service.	ESTIMATED USEFUL LIFE: 10 years	TOTAL EXPENDITURE: \$ 45,000		
DESCRIPTION: For back yard access/maintenance of city lines. Split between Electric-50%, Water-12.5%, Sewer-12.5%, Street-25%. \$45,000 total.				
PROJECT JUSTIFICATION: To access tight construction/utility sites where a full size backhoe will not fit.				
PROJECT COST (If multiple phases, which year will the expenditure take place)				
2019 COSTS: \$ 45,000	2020 COSTS:	2021 COSTS:	2022 COSTS:	2023 COSTS:
FUNDING SOURCE: Capital Improvement Fund - \$ 11,250 Electric Fund - \$ 22,500 Water Fund - \$ 5,625 Sewer Fund - \$ 5,625				





## CAPITAL IMPROVEMENT PROJECT

PROJECT NAME: Street Truck – 1 Ton	PROJECT I.D. OR DEPARTMENT:	PROJECT YEARS: 2020		
TRADE-IN VALUE (IF ANY): Unknown – 2007 vehicle anticipated to be sold on GovDeals.Com	ESTIMATED USEFUL LIFE: 10 years	TOTAL EXPENDITURE: \$ 45,000		
DESCRIPTION: Replace 2007 Ford 1 Ton Truck in 2020, (10 year rotation goal).				
PROJECT JUSTIFICATION (explain the affect on operations: quantify savings or costs, new equipment include a cost/benefit analysis): Scheduled Replacement of Existing Equipment				
PROJECT COST (If multiple phases, which year will the expenditure take place)				
2019 COSTS:	2020 COSTS: \$ 45,000	2021 COSTS:	2022 COSTS:	2023 COSTS:
FUNDING SOURCE: Capital Improvement Fund				





## CAPITAL IMPROVEMENT PROJECT

PROJECT NAME: Street Truck – 3/4 ton	PROJECT I.D. OR DEPARTMENT:	PROJECT YEARS: 2020		
TRADE-IN VALUE (IF ANY): Unknown – 2007 vehicle anticipated to be sold on GovDeals.Com	ESTIMATED USEFUL LIFE: 10 years	TOTAL EXPENDITURE: \$ 35,000		
DESCRIPTION: Replace 2007 Pick-up Truck in 2020, (10 year rotation goal).				
PROJECT JUSTIFICATION (explain the affect on operations: quantify savings or costs, new equipment include a cost/benefit analysis): Scheduled Replacement of Existing Equipment				
PROJECT COST (If multiple phases, which year will the expenditure take place)				
2019 COSTS:	2020 COSTS: \$ 35,000	2021 COSTS:	2022 COSTS:	2023 COSTS:
FUNDING SOURCE: Capital Improvement Fund				





## CAPITAL IMPROVEMENT PROJECT

PROJECT NAME: End Loader	PROJECT I.D. OR DEPARTMENT: 18-3220-08	PROJECT YEARS: 2020		
TRADE-IN VALUE (IF ANY): Unknown – 2002 End Loader anticipated to be sold on GovDeals.Com	ESTIMATED USEFUL LIFE: 15 years	TOTAL EXPENDITURE: \$ 155,000		
DESCRIPTION: Replace 2002 John Deere Front End Loader in 2020, (15 year rotation goal).				
PROJECT JUSTIFICATION (explain the affect on operations: quantify savings or costs, new equipment include a cost/benefit analysis): Scheduled Replacement of Existing Equipment				
PROJECT COST (If multiple phases, which year will the expenditure take place)				
2019 COSTS:	2020 COSTS: \$ 155,000	2021 COSTS:	2022 COSTS:	2023 COSTS:
FUNDING SOURCE: Capital Improvement Fund				

### 2002 Front End Loader





## CAPITAL IMPROVEMENT PROJECT

PROJECT NAME: 1 Ton Asphalt Roller	PROJECT I.D. OR DEPARTMENT: 16-3220-07	PROJECT YEARS: 2023
TRADE-IN VALUE (IF ANY): Unknown – 2000 roller anticipated to be sold on GovDeals.Com	ESTIMATED USEFUL LIFE: 15 years	TOTAL EXPENDITURE: \$ 22,000
DESCRIPTION: Replace 2000 asphalt roller in 2023.		
PROJECT JUSTIFICATION (explain the affect on operations: quantify savings or costs, new equipment include a cost/benefit analysis): Scheduled Replacement of Existing Equipment Condition – it is equipped with a vibratory drum that does not always work when needed.		
PROJECT COST (If multiple phases, which year will the expenditure take place) 2019 COSTS:      2020 COSTS:      2021 COSTS:      2022 COSTS:      2023 COSTS: \$ 22,000		
FUNDING SOURCE: Capital Improvement Fund		





## CAPITAL IMPROVEMENT PROJECT

PROJECT NAME:	PROJECT I.D.:	PROJECT YEARS:		
Debt- Capital Facilities Bonds- 2001	03-6200-02	2018-2019		
TRADE-IN VALUE (IF ANY):	ESTIMATED USEFUL LIFE:	TOTAL EXPENDITURE:		
N/A	N/A	See Below		
<b>DESCRIPTION OR REQUEST</b> (if multiple years, include schedule for engineering, bidding, construction):				
Debt retirement of bonds issued in 2001 in the amount of \$2,325,000 to retire outstanding notes issued to finance the Police facility, storm sewer improvements, street reconstruction, and purchase a new fire truck.				
<b>PROJECT JUSTIFICATION</b> (explain the affect on operations: quantify savings or costs, new equipment include a cost/benefit analysis):				
Repayment of the City's outstanding debt.				
<b>PROJECT COST</b> (If multiple phases, which year will the expenditure take place)				
2019 COSTS: \$ 104,800	2020 COSTS:	2021 COSTS:	2022 COSTS:	2023 COSTS:
<b>FUNDING SOURCE:</b>				
Capital Improvement Fund				

## CAPITAL IMPROVEMENT PROJECT

PROJECT NAME:	PROJECT I.D.:	PROJECT YEARS:		
Debt- County Road 25A (SR571 to Meijers)	04-6200-01	2019-2020		
TRADE-IN VALUE (IF ANY):	ESTIMATED USEFUL LIFE:	TOTAL EXPENDITURE:		
N/A	N/A	See Below		
<b>DESCRIPTION OR REQUEST</b> (if multiple years, include schedule for engineering, bidding, construction):				
Debt service to retire notes issued originally for \$550,000 for costs of construction of County Road 25A.				
<b>PROJECT JUSTIFICATION</b> (explain the affect on operations: quantify savings or costs, new equipment include a cost/benefit analysis):				
Repayment of the City's outstanding debt.				
<b>PROJECT COST</b> (If multiple phases, which year will the expenditure take place)				
2019 COSTS: \$ 89,625	2020 COSTS: \$ 102,500	2021 COSTS:	2022 COSTS:	2023 COSTS:
<b>FUNDING SOURCE:</b>				
Capital Improvement Fund				



## CAPITAL IMPROVEMENT PROJECT

PROJECT NAME: Debt- Donn Davis Way (City Share)		PROJECT I.D.: 05-6200-01	PROJECT YEARS: 2018-2021	
TRADE-IN VALUE (IF ANY): N/A		ESTIMATED USEFUL LIFE: N/A	TOTAL EXPENDITURE: See Below	
<b>DESCRIPTION OR REQUEST</b> (if multiple years, include schedule for engineering, bidding, construction):  Debt service on bonds issued on 5-1-2004 to finance the city share of the Donn Davis Way Project.				
<b>PROJECT JUSTIFICATION</b> (explain the affect on operations: quantify savings or costs, new equipment include a cost/benefit analysis):  Repayment of the City's outstanding debt.				
<b>PROJECT COST</b> (If multiple phases, which year will the expenditure take place)				
2019 COSTS: \$ 71,008	2020 COSTS: \$ 68,725	2021 COSTS: \$ 71,250	2022 COSTS: \$ 68,550	2023 COSTS: \$ 70,850
<b>FUNDING SOURCE:</b> Special Assessment Debt Fund (2018-2024)				

## CAPITAL IMPROVEMENT PROJECT

PROJECT NAME: Debt- Aerial Ladder Truck		PROJECT I.D.: 	PROJECT YEARS: 2019-2020	
TRADE-IN VALUE (IF ANY): N/A		ESTIMATED USEFUL LIFE: N/A	TOTAL EXPENDITURE: See Below	
<b>DESCRIPTION OR REQUEST</b> (if multiple years, include schedule for engineering, bidding, construction):  Debt Service related to purchase of new aerial ladder truck. Debt will be kept in short-term notes to take advantage of historically low interest rates and to preserve the City's ability to pay down additional principal annually as funding permits.				
<b>PROJECT JUSTIFICATION</b> (explain the affect on operations: quantify savings or costs, new equipment include a cost/benefit analysis):  Repayment of the City's outstanding debt.				
<b>PROJECT COST</b> (If multiple phases, which year will the expenditure take place)				
2019 COSTS: \$ 86,563	2020 COSTS: \$ 82,000	2021 COSTS: 	2022 COSTS: 	2023 COSTS: 
<b>FUNDING SOURCE:</b> Capital Improvement Fund				



## CAPITAL IMPROVEMENT PROJECT

PROJECT NAME: Debt-Fire Station Expansion		PROJECT I.D.:	PROJECT YEARS: 2019	
TRADE-IN VALUE (IF ANY): N/A		ESTIMATED USEFUL LIFE: N/A	TOTAL EXPENDITURE: See Below	
<b>DESCRIPTION OR REQUEST</b> (if multiple years, include schedule for engineering, bidding, construction): Debt Service related to expansion of the West-Side Fire Station to accommodate the larger aerial ladder truck and to include living quarters for the EMS employees scheduled to work 12-hour shifts.				
<b>PROJECT JUSTIFICATION</b> (explain the affect on operations: quantify savings or costs, new equipment include a cost/benefit analysis): Repayment of the City's outstanding debt.				
<b>PROJECT COST</b> (If multiple phases, which year will the expenditure take place)				
2019 COSTS: \$ 512,500	2020 COSTS:	2021 COSTS:	2022 COSTS:	2022 COSTS:
<b>FUNDING SOURCE:</b> Capital Improvement Fund				

## CAPITAL IMPROVEMENT PROJECT

PROJECT NAME: Debt – Downtown Utility/Streetscape Project		PROJECT I.D.:	PROJECT YEARS: 2019-2020	
TRADE-IN VALUE (IF ANY): N/A		ESTIMATED USEFUL LIFE: N/A	TOTAL EXPENDITURE: See Below	
<b>DESCRIPTION OR REQUEST</b> (if multiple years, include schedule for engineering, bidding, construction): Debt service related to construction of the Downtown Utility/Streetscape Improvements. The City issued \$900,000 in bank issued notes for this project and received a \$1,400,000 zero percent (0%) interest loan from OPWC. Debt service is allocated to the CIP, Water, and Sewer Funds in accordance with the respective percentage of the Streetscape, Water, and Utility improvements. Debt service listed below is attributable to the CIP Fund alone. Water-Sewer Fund debt service is scheduled in those sections.				
<b>PROJECT JUSTIFICATION</b> (explain the affect on operations: quantify savings or costs, new equipment include a cost/benefit analysis): Repayment of the City's outstanding debt.				
<b>PROJECT COST</b> (If multiple phases, which year will the expenditure take place)				
2019 COSTS: \$ 143,500	2020 COSTS: \$ 89,300	2021 COSTS: \$ 48,300	2022 COSTS: \$ 48,300	2023 COSTS: \$ 48,300
<b>FUNDING SOURCE:</b> Capital Improvement Fund				



## CAPITAL IMPROVEMENT PROJECT

PROJECT NAME: Generator Debt		PROJECT I.D.:	PROJECT YEARS: 2018-2022	
TRADE-IN VALUE (IF ANY): N/A		ESTIMATED USEFUL LIFE: N/A	TOTAL EXPENDITURE: See Below	
<b>DESCRIPTION OR REQUEST</b> (if multiple years, include schedule for engineering, bidding, construction): Debt service related to purchase of the NAWA power generator. This cost is passed through to NAWA.				
<b>PROJECT JUSTIFICATION</b> (explain the affect on operations: quantify savings or costs, new equipment include a cost/benefit analysis): Repayment of the City's outstanding debt.				
<b>PROJECT COST</b> (If multiple phases, which year will the expenditure take place)				
2019 COSTS: \$ 110,000	2020 COSTS: \$ 108,000	2021 COSTS: \$ 106,000	2022 COSTS: \$ 104,000	2023 COSTS: \$ 102,000
<b>FUNDING SOURCE:</b> Electric Fund				

## CAPITAL IMPROVEMENT PROJECT

PROJECT NAME: Debt- Substation #1/#1A/#2		PROJECT I.D.:	PROJECT YEARS: 2019-2023	
TRADE-IN VALUE (IF ANY): N/A		ESTIMATED USEFUL LIFE: N/A	TOTAL EXPENDITURE: See Below	
<b>DESCRIPTION OR REQUEST</b> (if multiple years, include schedule for engineering, bidding, construction): Debt Service related to upgrades and improvements to substation #1. Assumes bonds to be issued for \$5,000,000 for 20 years at 5.0% interest.				
<b>PROJECT JUSTIFICATION</b> (explain the affect on operations: quantify savings or costs, new equipment include a cost/benefit analysis): Repayment of the City's outstanding debt.				
<b>PROJECT COST</b> (If multiple phases, which year will the expenditure take place)				
2019 COSTS: \$ 416,250	2020 COSTS: \$ 407,500	2021 COSTS: \$ 398,750	2022 COSTS: \$ 390,000	2023 COSTS: \$ 381,250
<b>FUNDING SOURCE:</b> Electric Fund				



## CAPITAL IMPROVEMENT PROJECT

PROJECT NAME:	PROJECT I.D.:	PROJECT YEARS:		
Debt- Automatic Meter Read	09-5300-D02	2019-2023		
TRADE-IN VALUE (IF ANY):	ESTIMATED USEFUL LIFE:	TOTAL EXPENDITURE:		
N/A	N/A	See Below		
<b>DESCRIPTION OR REQUEST</b> (if multiple years, include schedule for engineering, bidding, construction):				
Debt service related to purchasing and installing an automatic metering infrastructure (AMI). Assumes bonds to be issued for \$1,500,000 for 20 years at 4.00%. The Water Fund portion is \$425,000. Also includes debt service on a \$600,000, 0% interest loan from OPWC.				
<b>PROJECT JUSTIFICATION</b> (explain the affect on operations: quantify savings or costs, new equipment include a cost/benefit analysis):				
Repayment of the City's outstanding debt.				
<b>PROJECT COST</b> (If multiple phases, which year will the expenditure take place)				
2019 COSTS: \$ 54,847	2020 COSTS: \$ 54,414	2021 COSTS: \$ 54,559	2022 COSTS: \$ 54,017	2023 COSTS: \$ 53,837
<b>FUNDING SOURCE:</b> Water Fund				

## CAPITAL IMPROVEMENT PROJECT

PROJECT NAME:	PROJECT I.D.:	PROJECT YEARS:		
Debt- New Tower to Replace Bowman Ave.Tank	10-5300-D01	2019-2023		
TRADE-IN VALUE (IF ANY):	ESTIMATED USEFUL LIFE:	TOTAL EXPENDITURE:		
N/A	N/A	See Below		
<b>DESCRIPTION OR REQUEST</b> (if multiple years, include schedule for engineering, bidding, construction):				
Debt service related to construction of a new one million gallon tower to replace the Bowman Ave. tank. Assumes bonds to be issued for \$1,440,000 for 20 years at an average interest rate of 4.00%. Also includes debt service on a \$425,000, 0% interest loan from OPWC.				
<b>PROJECT JUSTIFICATION</b> (explain the affect on operations: quantify savings or costs, new equipment include a cost/benefit analysis):				
Repayment of the City's outstanding debt.				
<b>PROJECT COST</b> (If multiple phases, which year will the expenditure take place)				
2019 COSTS: \$ 108,050	2020 COSTS: \$ 106,650	2021 COSTS: \$ 108,750	2022 COSTS: \$ 107,000	2023 COSTS: \$ 108,050
<b>FUNDING SOURCE:</b> Water Fund				



## CAPITAL IMPROVEMENT PROJECT

PROJECT NAME: Debt- Harmony Dr. Water Tower Painting/Bowman Ave Tank Removal	PROJECT I.D.:	PROJECT YEARS: 2019-2023		
TRADE-IN VALUE (IF ANY): N/A	ESTIMATED USEFUL LIFE: N/A	TOTAL EXPENDITURE: See Below		
DESCRIPTION OR REQUEST (if multiple years, include schedule for engineering, bidding, construction): Debt service related to rehabilitation and painting of the Harmony Drive Water Tower (\$550,000). Assumes bonds to be issued for \$550,000 for 20 years at an average 4.00% interest.				
PROJECT JUSTIFICATION (explain the affect on operations: quantify savings or costs, new equipment include a cost/benefit analysis): Repayment of the City's outstanding debt.				
PROJECT COST (If multiple phases, which year will the expenditure take place)				
2019 COSTS: \$ 54,400	2020 COSTS: \$ 53,400	2021 COSTS: \$ 53,000	2022 COSTS: \$ 51,750	2023 COSTS: \$ 20,600
FUNDING SOURCE: Water Fund				

## CAPITAL IMPROVEMENT PROJECT

PROJECT NAME: Debt- Tower #4	PROJECT I.D.:	PROJECT YEARS: 2019-2023		
TRADE-IN VALUE (IF ANY): N/A	ESTIMATED USEFUL LIFE: N/A	TOTAL EXPENDITURE: See Below		
DESCRIPTION OR REQUEST (if multiple years, include schedule for engineering, bidding, construction): Debt service on a \$2,400,000, 0% interest loan from OPWC for the construction of Tower #4 by the Service Center on Park Ave.				
PROJECT JUSTIFICATION (explain the affect on operations: quantify savings or costs, new equipment include a cost/benefit analysis): Repayment of the City's outstanding debt.				
PROJECT COST (If multiple phases, which year will the expenditure take place)				
2019 COSTS: \$ 120,000	2020 COSTS: \$ 120,000	2021 COSTS: \$ 120,000	2022 COSTS: \$ 120,000	2023 COSTS: \$ 120,000
FUNDING SOURCE: Water Fund				



## CAPITAL IMPROVEMENT PROJECT

<b>PROJECT NAME:</b> Debt- Downtown Utilities Replacement		<b>PROJECT I.D.:</b> 10-5300-D03	<b>PROJECT YEARS:</b> 2019-2023	
<b>TRADE-IN VALUE (IF ANY):</b> N/A		<b>ESTIMATED USEFUL LIFE:</b> N/A	<b>TOTAL EXPENDITURE:</b> See Below	
<b>DESCRIPTION OR REQUEST</b> (if multiple years, include schedule for engineering, bidding, construction):  Debt service related to the Water Fund sale of notes in the amount of \$132,444 for 10 years at 1.5% to replace water lines in downtown area. Also includes debt service related to OPWC Loan in the amount of \$1,400,000 for 20 years at 0% interest. Water Fund portion of the OPWC Loan is \$228,914.				
<b>PROJECT JUSTIFICATION</b> (explain the affect on operations: quantify savings or costs, new equipment include a cost/benefit analysis):  Repayment of the City's outstanding debt.				
<b>PROJECT COST</b> (If multiple phases, which year will the expenditure take place)				
<b>2019 COSTS:</b> \$ 11,900	<b>2020 COSTS:</b> \$ 11,900	<b>2021 COSTS:</b> \$ 11,900	<b>2022 COSTS:</b> \$ 11,900	<b>2023 COSTS:</b> \$ 11,900
<b>FUNDING SOURCE:</b> Water Fund				

## CAPITAL IMPROVEMENT PROJECT

<b>PROJECT NAME:</b> Debt- Judith, Michael, Earl Water line Rep.		<b>PROJECT I.D.:</b>	<b>PROJECT YEARS:</b> 2019-2023	
<b>TRADE-IN VALUE (IF ANY):</b> N/A		<b>ESTIMATED USEFUL LIFE:</b> N/A	<b>TOTAL EXPENDITURE:</b> See Below	
<b>DESCRIPTION OR REQUEST</b> (if multiple years, include schedule for engineering, bidding, construction):  Debt service related to the sale of bonds in the amount of \$550,000 for 10 years at an average interest rate of 4.0% for the replacement of water lines in the Roselyn subdivision.				
<b>PROJECT JUSTIFICATION</b> (explain the affect on operations: quantify savings or costs, new equipment include a cost/benefit analysis):  Repayment of the City's outstanding debt.				
<b>PROJECT COST</b> (If multiple phases, which year will the expenditure take place)				
<b>2019 COSTS:</b> \$ 40,600	<b>2020 COSTS:</b> \$ 39,900	<b>2021 COSTS:</b> \$ 40,250	<b>2022 COSTS:</b> \$ 39,375	<b>2023 COSTS:</b> \$ 39,200
<b>FUNDING SOURCE:</b> Water Fund				



## CAPITAL IMPROVEMENT PROJECT

PROJECT NAME: Debt- West Walnut Street Water Line Rep.	PROJECT I.D.:	PROJECT YEARS: 2019-2023		
TRADE-IN VALUE (IF ANY): N/A	ESTIMATED USEFUL LIFE: N/A	TOTAL EXPENDITURE: See Below		
DESCRIPTION OR REQUEST (if multiple years, include schedule for engineering, bidding, construction):  Debt service related to the sale of bonds in the amount of \$290,000 for 10 years at an average interest rate of 4.0% for the replacement of water lines on West Walnut Street.				
PROJECT JUSTIFICATION (explain the affect on operations: quantify savings or costs, new equipment include a cost/benefit analysis):  Repayment of the City's outstanding debt.				
PROJECT COST (If multiple phases, which year will the expenditure take place)				
2019 COSTS: \$ 31,900	2020 COSTS: \$ 31,320	2021 COSTS: \$ 31,175	2022 COSTS: \$ 30,450	2023 COSTS: \$ 29,870
FUNDING SOURCE: Water Fund				



## CAPITAL IMPROVEMENT PROJECT

PROJECT NAME:	PROJECT I.D.:		PROJECT YEARS:	
Debt-Main Street Lift Station			2019-2023	
TRADE-IN VALUE (IF ANY):	ESTIMATED USEFUL LIFE:		TOTAL EXPENDITURE:	
N/A	N/A		See Below	
<b>DESCRIPTION OR REQUEST</b> (if multiple years, include schedule for engineering, bidding, construction):				
Debt to be issued to pay the cost of expansion/renovation of the Main Street Lift Station along with a new 30" gravity sewer line to an EQ Basin which will be constructed by TCA. Assumes project is funded over 20 years at an average interest rate of 4%.				
<b>PROJECT JUSTIFICATION</b> (explain the affect on operations: quantify savings or costs, new equipment include a cost/benefit analysis):				
Repayment of the City's outstanding debt.				
<b>PROJECT COST</b> (If multiple phases, which year will the expenditure take place)				
2019 COSTS: \$ 118,550	2020 COSTS: \$ 114,000	2021 COSTS: \$ 115,000	2022 COSTS: \$ 115,500	2023 COSTS: \$ 112,000
<b>FUNDING SOURCE:</b>				
Sewer Fund				

## CAPITAL IMPROVEMENT PROJECT

PROJECT NAME:	PROJECT I.D.:		PROJECT YEARS:	
Debt-State Sewer Loan	14-5320-D01		2019	
TRADE-IN VALUE (IF ANY):	ESTIMATED USEFUL LIFE:		TOTAL EXPENDITURE:	
N/A	N/A		See Below	
<b>DESCRIPTION OR REQUEST</b> (if multiple years, include schedule for engineering, bidding, construction):				
The Loan to build the Northeast Sewer Project was refinanced in 2014 for \$395,000.				
<b>PROJECT JUSTIFICATION</b> (explain the affect on operations: quantify savings or costs, new equipment include a cost/benefit analysis):				
Repayment of the City's outstanding debt.				
<b>PROJECT COST</b> (If multiple phases, which year will the expenditure take place)				
2019 COSTS: \$ 198,900	2020 COSTS:	2021 COSTS:	2022 COSTS:	2023 COSTS:
<b>FUNDING SOURCE:</b>				
Sewer Fund				



## CAPITAL IMPROVEMENT PROJECT

<b>PROJECT NAME:</b> Debt- Downtown Sewer Line Replacement		<b>PROJECT I.D.:</b> 13-5300-D01	<b>PROJECT YEARS:</b> 2019-2023	
<b>TRADE-IN VALUE (IF ANY):</b> N/A		<b>ESTIMATED USEFUL LIFE:</b> N/A	<b>TOTAL EXPENDITURE:</b> See Below	
<b>DESCRIPTION OR REQUEST</b> (if multiple years, include schedule for engineering, bidding, construction):  Debt service related to the Sewer fund sale of Bonds in the amount of \$115,767 for 10 years at 4.0% to replace sewer lines in downtown area. Also includes debt service related to OPWC Loan in the amount of \$1,400,000 for 20 years at 0% interest. Sewer Fund portion of the OPWC Loan is \$200,096.				
<b>PROJECT JUSTIFICATION</b> (explain the affect on operations: quantify savings or costs, new equipment include a cost/benefit analysis):  Repayment of the City's outstanding debt.				
<b>PROJECT COST</b> (If multiple phases, which year will the expenditure take place)				
<b>2019 COSTS:</b> \$ 9,800	<b>2020 COSTS:</b> \$ 9,800	<b>2021 COSTS:</b> \$ 9,800	<b>2022 COSTS:</b> \$ 9,800	<b>2023 COSTS:</b> \$ 9,800
<b>FUNDING SOURCE:</b> Sewer Fund				

## CAPITAL IMPROVEMENT PROJECT

<b>PROJECT NAME:</b> Debt- Judith, Michael, Earl Sewer Line Replacement		<b>PROJECT I.D.:</b> 14-5300-D01	<b>PROJECT YEARS:</b> 2019-2023	
<b>TRADE-IN VALUE (IF ANY):</b> N/A		<b>ESTIMATED USEFUL LIFE:</b> N/A	<b>TOTAL EXPENDITURE:</b> See Below	
<b>DESCRIPTION OR REQUEST</b> (if multiple years, include schedule for engineering, bidding, construction):  Debt service related to the sale of bonds in the amount of \$550,000 for 10 years at an average interest rate of 4.0% for the replacement of sewer lines in the Roselyn subdivision.				
<b>PROJECT JUSTIFICATION</b> (explain the affect on operations: quantify savings or costs, new equipment include a cost/benefit analysis):  Repayment of the City's outstanding debt.				
<b>PROJECT COST</b> (If multiple phases, which year will the expenditure take place)				
<b>2019 COSTS:</b> \$ 40,600	<b>2020 COSTS:</b> \$ 39,900	<b>2021 COSTS:</b> \$ 40,250	<b>2022 COSTS:</b> \$ 39,375	<b>2023 COSTS:</b> \$ 39,200
<b>FUNDING SOURCE:</b> Sewer Fund				



## CAPITAL IMPROVEMENT PROJECT

PROJECT NAME: New Subdivision Line Extensions	PROJECT I.D. OR DEPARTMENT:	PROJECT YEARS: 2019-2023		
TRADE-IN VALUE (IF ANY): N/A	ESTIMATED USEFUL LIFE: 40 Years	TOTAL EXPENDITURE: \$ 150,000/Year		
DESCRIPTION OR REQUEST (if multiple years, include schedule for engineering, bidding, construction): Line extensions to serve future developments.				
PROJECT JUSTIFICATION (explain the affect on operations: quantify savings or costs, new equipment include a cost/benefit analysis): Additional Unit to Meet Expanded Service Requirements Provide New or Higher Service Level				
PROJECT COST (If multiple phases, which year will the expenditure take place)				
2019 COSTS: \$ 150,000	2020 COSTS: \$ 150,000	2021 COSTS: \$ 150,000	2022 COSTS: \$ 150,000	2023 COSTS: \$ 150,000
FUNDING SOURCE: Electric Fund				

## CAPITAL IMPROVEMENT PROJECT

PROJECT NAME: Line Improvements/New Development	PROJECT I.D. OR DEPARTMENT:	PROJECT YEARS: 2019-2023		
TRADE-IN VALUE (IF ANY): N/A	ESTIMATED USEFUL LIFE: 40 Years	TOTAL EXPENDITURE: \$ 60,000/Year		
DESCRIPTION OR REQUEST (if multiple years, include schedule for engineering, bidding, construction): Miscellaneous line improvements and new development project.				
PROJECT JUSTIFICATION (explain the affect on operations: quantify savings or costs, new equipment include a cost/benefit analysis): Additional Unit to Meet Expanded Service Requirements Provide New or Higher Service Level				
PROJECT COST (If multiple phases, which year will the expenditure take place)				
2019 COSTS: \$ 60,000	2020 COSTS: \$ 60,000	2021 COSTS: \$ 60,000	2022 COSTS: \$ 60,000	2023 COSTS: \$ 60,000
FUNDING SOURCE: Electric Fund				



## CAPITAL IMPROVEMENT PROJECT

PROJECT NAME: 69KV Line Improvements		PROJECT I.D. OR DEPARTMENT:	PROJECT YEARS: 2023	
TRADE-IN VALUE (IF ANY): N/A		ESTIMATED USEFUL LIFE: 40 Years	TOTAL EXPENDITURE: \$ 75,000	
DESCRIPTION OR REQUEST (if multiple years, include schedule for engineering, bidding, construction): To replace the 69KV transmission line between Substation #1 and Substation #2				
PROJECT JUSTIFICATION (explain the affect on operations: quantify savings or costs, new equipment include a cost/benefit analysis): Additional Unit to Meet Expanded Service Requirements Provide New or Higher Service Level				
PROJECT COST (If multiple phases, which year will the expenditure take place)				
2019 COSTS:	2020 COSTS:	2021 COSTS:	2022 COSTS:	2023 COSTS: \$ 75,000
FUNDING SOURCE: Electric Fund				

## CAPITAL IMPROVEMENT PROJECT

PROJECT NAME: Substation No. 3 – Additional Transformer		PROJECT I.D. OR DEPARTMENT: 15-5270-01	PROJECT YEARS: 2022	
TRADE-IN VALUE (IF ANY): N/A		ESTIMATED USEFUL LIFE: 40 Years	TOTAL EXPENDITURE: \$ 2,000,000	
DESCRIPTION OR REQUEST (if multiple years, include schedule for engineering, bidding, construction): Add an additional substation transformer at Substation #3 to accommodate the additional load from increased industrial growth				
PROJECT JUSTIFICATION (explain the affect on operations: quantify savings or costs, new equipment include a cost/benefit analysis): Additional Unit to Meet Expanded Service Requirements Provide New or Higher Service Level				
PROJECT COST (If multiple phases, which year will the expenditure take place)				
2019 COSTS:	2020 COSTS:	2021 COSTS:	2022 COSTS: \$ 2,000,000	2023 COSTS:
FUNDING SOURCE: Electric Fund				



## CAPITAL IMPROVEMENT PROJECT

PROJECT NAME: SCADA System	PROJECT I.D. OR DEPARTMENT:	PROJECT YEARS: 2020		
TRADE-IN VALUE (IF ANY): N/A	ESTIMATED USEFUL LIFE: 10-15 Years	TOTAL EXPENDITURE: \$ 500,000/Year		
DESCRIPTION OR REQUEST (if multiple years, include schedule for engineering, bidding, construction): Computerized controls to permit remote monitoring and operation of the electric substations.				
PROJECT JUSTIFICATION (explain the affect on operations: quantify savings or costs, new equipment include a cost/benefit analysis): Additional Unit to Meet Expanded Service Requirements Provide New or Higher Service Level				
PROJECT COST (If multiple phases, which year will the expenditure take place)				
2019 COSTS:	2020 COSTS: \$ 500,000	2021 COSTS:	2022 COSTS:	2023 COSTS:
FUNDING SOURCE: Electric Fund				



## CAPITAL IMPROVEMENT PROJECT

PROJECT NAME: Street Light Conversion	PROJECT I.D. OR DEPARTMENT:	PROJECT YEARS: 2019-2023		
TRADE-IN VALUE (IF ANY): N/A	ESTIMATED USEFUL LIFE: 20 Years	TOTAL EXPENDITURE: See below		
DESCRIPTION OR REQUEST (if multiple years, include schedule for engineering, bidding, construction): Conversion of City owned street lights from high pressure sodium (HPS) cobra head fixtures to light emitting diode (LED) fixtures.				
PROJECT JUSTIFICATION (explain the affect on operations: quantify savings or costs, new equipment include a cost/benefit analysis): Scheduled Replacement of Existing Equipment Replacement of Failed or Obsolete Equipment				
PROJECT COST (If multiple phases, which year will the expenditure take place)				
2019 COSTS: \$ 60,000	2020 COSTS: \$ 60,000	2021 COSTS: \$ 60,000	2022 COSTS: \$ 60,000	2023 COSTS: \$ 60,000
FUNDING SOURCE Electric Fund				





## CAPITAL IMPROVEMENT PROJECT

PROJECT NAME Truck – Pickup		PROJECT ID OR DEPARTMENT:		PROJECT YEARS 2020-2021
TRADE-IN VALUE (IF ANY): Unknown – vehicles anticipated to be sold on GovDeals.Com		ESTIMATED USEFUL LIFE: 10 years		TOTAL EXPENDITURE: \$ 100,000
DESCRIPTION OR REQUEST (if multiple years, include schedule for engineering, bidding, construction): 2020 – Replace 2010 Pick-up Truck 2021 – Replace 2011 Pick-Up Truck				
PROJECT JUSTIFICATION (explain the affect on operations: quantify savings or costs, new equipment include a cost/benefit analysis): Scheduled Replacement of Existing Equipment				
PROJECT COST (If multiple phases, which year will the expenditure take place)				
2019 COSTS	2020 COSTS \$ 50,000	2021 COSTS \$ 50,000	2022 COSTS	2023 COSTS
FUNDING SOURCE Electric Fund				





## CAPITAL IMPROVEMENT PROJECT

PROJECT NAME 504 Tree Truck		PROJECT ID OR DEPARTMENT: 2022	PROJECT YEARS	
TRADE-IN VALUE (IF ANY): Unknown – vehicles anticipated to be sold on GovDeals.Com		ESTIMATED USEFUL LIFE: 10 years	TOTAL EXPENDITURE: \$ 225,000	
DESCRIPTION Replace 504 Tree Truck purchased in 2014.				
PROJECT JUSTIFICATION (explain the affect on operations: quantify savings or costs, new equipment include a cost/benefit analysis): Scheduled Replacement of Existing Equipment				
PROJECT COST (If multiple phases, which year will the expenditure take place)				
2019 COSTS	2020 COSTS	2021 COSTS	2022 COSTS \$ 225,000	2023 COSTS
FUNDING SOURCE Electric Fund				





## CAPITAL IMPROVEMENT PROJECT

PROJECT NAME 505 Digger Derrick	PROJECT ID OR DEPARTMENT 13-5270-05	PROJECT YEARS 2020		
TRADE-IN VALUE (IF ANY): Unknown – 2008 vehicle anticipated to be sold on GovDeals.Com	ESTIMATED USEFUL LIFE: 10 years	TOTAL EXPENDITURE: \$ 240,000		
DESCRIPTION OR REQUEST (if multiple years, include schedule for engineering, bidding, construction):  2020 – Replace Digger Derrick purchased in 2008.				
PROJECT JUSTIFICATION (explain the affect on operations: quantify savings or costs, new equipment include a cost/benefit analysis):  Scheduled Replacement of Existing Equipment				
PROJECT COST (If multiple phases, which year will the expenditure take place)				
2019 COSTS	2020 COSTS \$ 240,000	2021 COSTS	2022 COSTS	2023 COSTS
FUNDING SOURCE Electric Fund				





## CAPITAL IMPROVEMENT PROJECT

PROJECT NAME: Truck - Double Bucket #507	PROJECT I.D. OR DEPARTMENT: 16-5270	PROJECT YEARS: 2020/2022		
TRADE-IN VALUE (IF ANY): Unknown – 2010 vehicle anticipated to be sold on GovDeals.Com	ESTIMATED USEFUL LIFE: 10 years	TOTAL EXPENDITURE: \$ 250,000		
DESCRIPTION OR REQUEST (if multiple years, include schedule for engineering, bidding, construction): Replacement of 2010 Double Bucket Truck in 2020, replacement of 2012 in 2022				
PROJECT JUSTIFICATION (explain the affect on operations: quantify savings or costs, new equipment include a cost/benefit analysis): Scheduled Replacement of Existing Equipment				
PROJECT COST (If multiple phases, which year will the expenditure take place)				
2019 COSTS: \$ 250,000	2020 COSTS:	2021 COSTS:	2022 COSTS: \$ 260,000	2023 COSTS:
FUNDING SOURCE: Electric Fund				





## CAPITAL IMPROVEMENT PROJECT

PROJECT NAME Single Bucket Truck		PROJECT ID	PROJECT YEARS 2023	
TRADE-IN VALUE (IF ANY): Unknown – 2009 vehicle anticipated to be sold on GovDeals.Com		ESTIMATED USEFUL LIFE: 10 years	TOTAL EXPENDITURE: \$ 200,000	
DESCRIPTION Replace 2009 Single Bucket Truck.				
PROJECT JUSTIFICATION: Scheduled Replacement of Existing Equipment				
PROJECT COST (If multiple phases, which year will the expenditure take place)				
2019 COSTS:	2020 COSTS:	2021 COSTS:	2022 COSTS:	2023 COSTS: \$ 200,000
FUNDING SOURCE: Electric Fund				





## CAPITAL IMPROVEMENT PROJECT

PROJECT NAME 510 One ton Dump truck w/snowplow		PROJECT ID	PROJECT YEARS 2023	
TRADE-IN VALUE (IF ANY): Unknown – 2012 vehicle anticipated to be sold on GovDeals.Com		ESTIMATED USEFUL LIFE: 10 years	TOTAL EXPENDITURE: \$ 50,000	
DESCRIPTION Replace 510 – 2012 Ford F350 One Ton Dump Truck with plow & chip box.				
PROJECT JUSTIFICATION: Scheduled Replacement of Existing Equipment				
PROJECT COST (If multiple phases, which year will the expenditure take place)				
2019 COSTS:	2020 COSTS:	2021 COSTS:	2022 COSTS:	2023 COSTS: \$ 50,000
FUNDING SOURCE: Electric Fund				





## CAPITAL IMPROVEMENT PROJECT

PROJECT NAME: Mini Trackhoe	PROJECT I.D.:	PROJECT YEARS: 2019		
TRADE-IN VALUE (IF ANY): N/A – will replace 2000 Streets Backhoe when that piece of equipment goes out of service.	ESTIMATED USEFUL LIFE: 10 years	TOTAL EXPENDITURE: \$ 45,000		
DESCRIPTION: For back yard access/maintenance of city lines. Split between Electric-50%, Water-12.5%, Sewer-12.5%, Street-25%. \$45,000 total.				
PROJECT JUSTIFICATION: To access tight construction/utility sites where a full size backhoe will not fit.				
PROJECT COST (If multiple phases, which year will the expenditure take place)				
2019 COSTS: \$ 45,000	2020 COSTS:	2021 COSTS:	2022 COSTS:	2023 COSTS:
FUNDING SOURCE: Capital Improvement Fund - \$ 11,250 Electric Fund - \$ 22,500 Water Fund - \$ 5,625 Sewer Fund - \$ 5,625				





## CAPITAL IMPROVEMENT PROJECT

PROJECT NAME: Power Plant Demo Preparation	PROJECT I.D. OR DEPARTMENT:	PROJECT YEARS: 2019-2020		
TRADE-IN VALUE (IF ANY): N/A	ESTIMATED USEFUL LIFE: N/A	TOTAL EXPENDITURE: \$ 600,000		
DESCRIPTION OR REQUEST (if multiple years, include schedule for engineering, bidding, construction):  2019 - Abandonment of the water line to the power plant and removal and relocation of the fiber hub inside the power plant. 2020 – Demolition and removal of the power plant building				
PROJECT JUSTIFICATION (explain the affect on operations: quantify savings or costs, new equipment include a cost/benefit analysis):  With the construction of a new Substation #1 on the west side of the property, demolition of the old power plant will enable the City to repurpose the east side of the property. The main portion of the old power plant building is not structurally sound and is unfit to serve as storage for the City. 2019 Demolition Project will be bid out to firm up cost to demolish the building.				
PROJECT COST (If multiple phases, which year will the expenditure take place)				
2019 COSTS: \$ 100,000	2020 COSTS: \$500,000	2021 COSTS:	2022 COSTS:	2023 COSTS:
FUNDING SOURCE: Electric Fund				



## CAPITAL IMPROVEMENT PROJECT

PROJECT NAME: Puller/Tensioner Replacement	PROJECT I.D. OR DEPARTMENT:	PROJECT YEARS: 2020		
TRADE-IN VALUE (IF ANY): N/A	ESTIMATED USEFUL LIFE: N/A	TOTAL EXPENDITURE: \$ 180,000		
DESCRIPTION OR REQUEST (if multiple years, include schedule for engineering, bidding, construction): Replacement of existing equipment. The current machine is 25 years old and is nearing the end of its useful life.				
PROJECT JUSTIFICATION (explain the affect on operations: quantify savings or costs, new equipment include a cost/benefit analysis): This machine is used to pull cable and wire and to provide tension on the lines for proper installation. It is a necessary piece of equipment for installation of new overhead electric lines.				
PROJECT COST (If multiple phases, which year will the expenditure take place)				
2019 COSTS:	2020 COSTS: \$180,000	2021 COSTS:	2022 COSTS:	2023 COSTS:
FUNDING SOURCE: Electric Fund				





## CAPITAL IMPROVEMENT PROJECT

PROJECT NAME: Equipment Trailer		PROJECT I.D. OR DEPARTMENT:	PROJECT YEARS: 2021	
TRADE-IN VALUE (IF ANY): N/A		ESTIMATED USEFUL LIFE: N/A	TOTAL EXPENDITURE: \$ 20,000	
DESCRIPTION OR REQUEST (if multiple years, include schedule for engineering, bidding, construction):  Replacement of an existing trailer to move heavy equipment.				
PROJECT JUSTIFICATION (explain the affect on operations: quantify savings or costs, new equipment include a cost/benefit analysis):  The current trailer was purchased over 20 year ago, was previously owned, and needs to be replaced to ensure safe, adequate, and prompt response to electrical installation, maintenance, and repair projects.				
PROJECT COST (If multiple phases, which year will the expenditure take place)				
2019 COSTS:	2020 COSTS:	2021 COSTS: \$ 20,000	2022 COSTS:	2023 COSTS:
FUNDING SOURCE: Electric Fund				





## CAPITAL IMPROVEMENT PROJECT

PROJECT NAME: RF Camera	PROJECT I.D. OR DEPARTMENT:	PROJECT YEARS: 2019-2023		
TRADE-IN VALUE (IF ANY): N/A	ESTIMATED USEFUL LIFE: N/A	TOTAL EXPENDITURE: \$ 10,000		
DESCRIPTION OR REQUEST (if multiple years, include schedule for engineering, bidding, construction):  Purchase of new equipment				
PROJECT JUSTIFICATION (explain the affect on operations: quantify savings or costs, new equipment include a cost/benefit analysis):  The Electric Department would like to purchase a thermal imaging camera to inspect distribution equipment and substation equipment to identify problems prior to failure.				
PROJECT COST (If multiple phases, which year will the expenditure take place)				
2019 COSTS: \$ 10,000	2020 COSTS:	2021 COSTS:	2022 COSTS:	2023 COSTS:
FUNDING SOURCE: Electric Fund				



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## CAPITAL IMPROVEMENT PROJECT

PROJECT NAME: Water Line Improvements	PROJECT I.D. OR DEPARTMENT:	PROJECT YEARS: 2019-2023		
TRADE-IN VALUE (IF ANY): N/A	ESTIMATED USEFUL LIFE: N/A	TOTAL EXPENDITURE: \$ 30,000/Year		
DESCRIPTION OR REQUEST (if multiple years, include schedule for engineering, bidding, construction): Maintain and Upgrade present water lines (\$30,000 annually).				
PROJECT JUSTIFICATION (explain the affect on operations: quantify savings or costs, new equipment include a cost/benefit analysis): Scheduled Maintenance				
PROJECT COST (If multiple phases, which year will the expenditure take place)				
2019 COSTS: \$ 30,000	2020 COSTS: \$ 30,000	2021 COSTS: \$ 30,000	2022 COSTS: \$ 30,000	2023 COSTS: \$ 30,000
FUNDING SOURCE Water Fund				



## CAPITAL IMPROVEMENT PROJECT

PROJECT NAME: Water Line Replacement Projects	PROJECT I.D. OR DEPARTMENT:	PROJECT YEARS: 2022		
TRADE-IN VALUE (IF ANY): N/A	ESTIMATED USEFUL LIFE: 100 years	TOTAL EXPENDITURE: \$ 510,000		
<b>DESCRIPTION OR REQUEST</b> (if multiple years, include schedule for engineering, bidding, construction): Replacement of old water lines. These are performed with Sanitary Sewer Slip Lining Projects.  2021 – Engineering - North 4 <sup>th</sup> (North to Culvert), 5 <sup>th</sup> (Kilgore to Franklin) – \$40,000 2022 – Construction - North 4 <sup>th</sup> (North to Culvert), 5 <sup>th</sup> (Kilgore to Franklin) – 2700' x \$175 = \$470,000				
<b>PROJECT JUSTIFICATION</b> (explain the affect on operations: quantify savings or costs, new equipment include a cost/benefit analysis):  Scheduled Replacement of Existing Equipment Replacement of Failed or Obsolete Equipment				
<b>PROJECT COST</b> (If multiple phases, which year will the expenditure take place)				
2019 COSTS:	2020 COSTS:	2021 COSTS: \$40,000	2022 COSTS: \$470,000	2023 COSTS:
<b>FUNDING SOURCE</b> Water Fund				

<b>CAPITAL IMPROVEMENT PROJECT</b>				
PROJECT NAME: Wunderwood Water Line	PROJECT I.D. OR DEPARTMENT:	PROJECT YEARS: 2020		
TRADE-IN VALUE (IF ANY): N/A	ESTIMATED USEFUL LIFE: 100 years	TOTAL EXPENDITURE: \$ 175,000		
<b>DESCRIPTION OR REQUEST</b> (if multiple years, include schedule for engineering, bidding, construction):  Install new Water Main on Wunderwood Drive.				
<b>PROJECT JUSTIFICATION</b> (explain the affect on operations: quantify savings or costs, new equipment include a cost/benefit analysis):  Replace existing transite water main.				
<b>PROJECT COST</b> (If multiple phases, which year will the expenditure take place)				
2019 COSTS:	2020 COSTS: \$ 175,000	2021 COSTS:	2022 COSTS:	2023 COSTS:
<b>FUNDING SOURCE</b> Water Fund				



## CAPITAL IMPROVEMENT PROJECT

PROJECT NAME: Amokee Place 4" Water Line	PROJECT I.D. OR DEPARTMENT:	PROJECT YEARS: 2023-2024		
TRADE-IN VALUE (IF ANY): N/A	ESTIMATED USEFUL LIFE: 100 years	TOTAL EXPENDITURE: \$ 160,000		
DESCRIPTION OR REQUEST (if multiple years, include schedule for engineering, bidding, construction): Install new Water Main on Amokee Place. Engineering 2023. Project 2024.				
PROJECT JUSTIFICATION (explain the affect on operations: quantify savings or costs, new equipment include a cost/benefit analysis): Replace existing 4" water main.				
PROJECT COST (If multiple phases, which year will the expenditure take place)				
2019 COSTS:	2020 COSTS:	2021 COSTS:	2022 COSTS:	2023 COSTS: \$20,000
FUNDING SOURCE: Water Fund				

## CAPITAL IMPROVEMENT PROJECT

PROJECT NAME: Bowman Ave. Tower Removal	PROJECT I.D. OR DEPARTMENT:	PROJECT YEARS: 2020		
TRADE-IN VALUE (IF ANY): N/A	ESTIMATED USEFUL LIFE:	TOTAL EXPENDITURE: \$ 50,000		
DESCRIPTION OR REQUEST (if multiple years, include schedule for engineering, bidding, construction): Decommission and removal of Water Tower on Bowman Ave.				
PROJECT JUSTIFICATION (explain the affect on operations: quantify savings or costs, new equipment include a cost/benefit analysis): Replaced with Service Center Water Tower.				
PROJECT COST (If multiple phases, which year will the expenditure take place)				
2019 COSTS:	2020 COSTS: \$ 50,000	2021 COSTS:	2022 COSTS:	2023 COSTS:
FUNDING SOURCE: Water Fund				



## CAPITAL IMPROVEMENT PROJECT

PROJECT NAME: Inflow and Infiltration Program		PROJECT I.D. OR DEPARTMENT:		PROJECT YEARS: 2019-2023
TRADE-IN VALUE (IF ANY): N/A		ESTIMATED USEFUL LIFE: 40 years		TOTAL EXPENDITURE: \$ 100,000/Year
<b>DESCRIPTION OR REQUEST</b> (if multiple years, include schedule for engineering, bidding, construction): Elimination of sources of inflow and infiltration from the sewer system.				
<b>PROJECT JUSTIFICATION</b> (explain the affect on operations: quantify savings or costs, new equipment include a cost/benefit analysis): Scheduled Replacement				
<b>PROJECT COST</b> (If multiple phases, which year will the expenditure take place)				
2019 COSTS: \$ 200,000	2020 COSTS: \$ 100,000	2021 COSTS: \$ 100,000	2022 COSTS: \$ 100,000	2023 COSTS: \$ 100,000
<b>FUNDING SOURCE:</b> Sewer Fund Tri-Cities Regional Wastewater Authority (TCA)				

## CAPITAL IMPROVEMENT PROJECT

PROJECT NAME: Sewer Line Improvements		PROJECT I.D. OR DEPARTMENT:		PROJECT YEARS: 2019-2023
TRADE-IN VALUE (IF ANY): N/A		ESTIMATED USEFUL LIFE: 40 years		TOTAL EXPENDITURE: \$ 35,000/Year
<b>DESCRIPTION OR REQUEST</b> (if multiple years, include schedule for engineering, bidding, construction): Maintain and upgrade present sewer system (\$35,000 annually).				
<b>PROJECT JUSTIFICATION</b> (explain the affect on operations: quantify savings or costs, new equipment include a cost/benefit analysis): Scheduled Replacement of Existing Equipment				
<b>PROJECT COST</b> (If multiple phases, which year will the expenditure take place)				
2019 COSTS: \$ 35,000	2020 COSTS: \$ 35,000	2021 COSTS: \$ 35,000	2022 COSTS: \$ 35,000	2023 COSTS: \$ 35,000
<b>FUNDING SOURCE:</b> Sewer Fund				



## CAPITAL IMPROVEMENT PROJECT

PROJECT NAME: Sanitary Sewer Slip Lining Projects		PROJECT I.D. OR DEPARTMENT:	PROJECT YEARS: 2021
TRADE-IN VALUE (IF ANY): N/A		ESTIMATED USEFUL LIFE: 80 years	TOTAL EXPENDITURE: \$ 51,000
DESCRIPTION OR REQUEST (if multiple years, include schedule for engineering, bidding, construction):  Sliplining projects to eliminate I&I. These are performed with Water Line Replacement Projects.  2021 – North 4 <sup>th</sup> (Kilgor to Culvert) - \$51,000			
PROJECT JUSTIFICATION (explain the affect on operations: quantify savings or costs, new equipment include a cost/benefit analysis):  Scheduled Maintenance			
PROJECT COST (If multiple phases, which year will the expenditure take place)			
2019 COSTS:	2020 COSTS:	2021 COSTS:	2022 COSTS: \$51,000
FUNDING SOURCE: Sewer Fund			



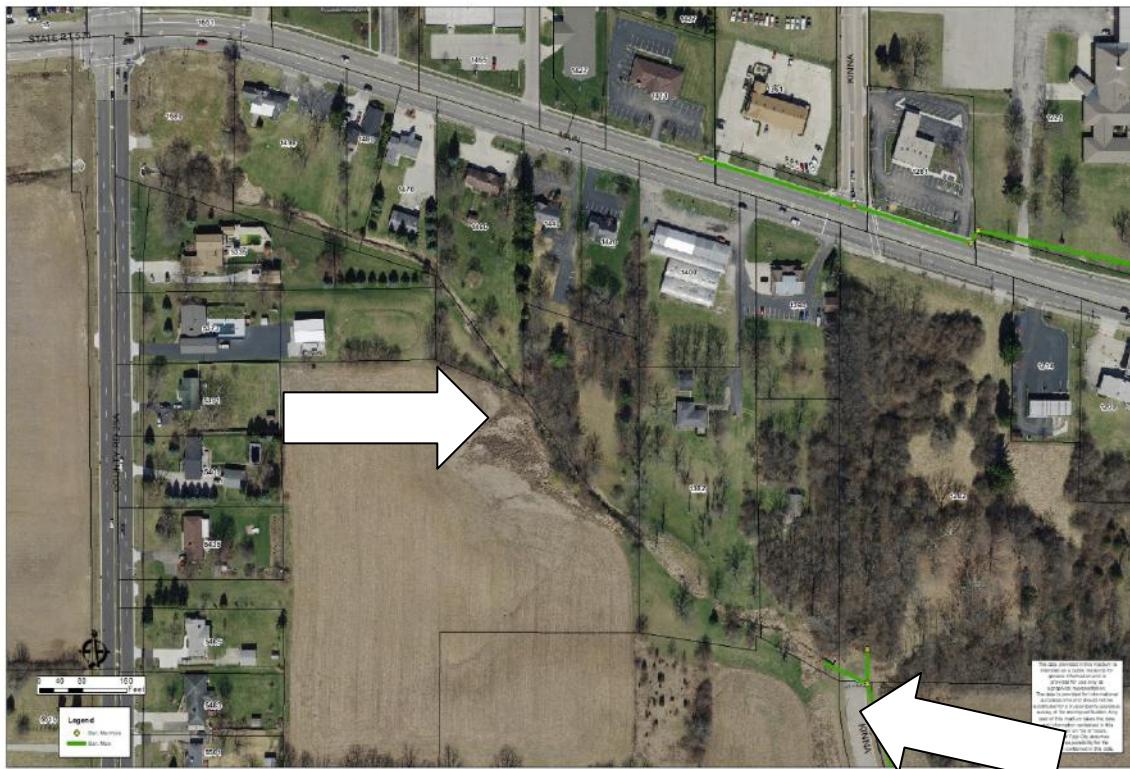
## CAPITAL IMPROVEMENT PROJECT

PROJECT NAME: Sanitary Sewer Line in Floral Acres	PROJECT I.D. OR DEPARTMENT:	PROJECT YEARS: 2019		
TRADE-IN VALUE (IF ANY): N/A	ESTIMATED USEFUL LIFE: 100 years	TOTAL EXPENDITURE: \$ 600,000		
<b>DESCRIPTION OR REQUEST</b> (if multiple years, include schedule for engineering, bidding, construction):  Install new Sanitary Sewer Main from 25-A to Rosedale Ave. This will divert a portion of the sanitary flow currently running south on 25-A to Commerce Park Drive and will alleviate a bottle-neck which occurs just west of the flow going under I-75.				
<b>PROJECT JUSTIFICATION</b> (explain the affect on operations: quantify savings or costs, new equipment include a cost/benefit analysis):  Redirects a portion of the current flow and future flows from the Commerce Drive area and provides additional capacity for commercial, industrial, and residential growth in the north-west quadrant of the City.				
<b>PROJECT COST</b> (If multiple phases, which year will the expenditure take place)				
2019 COSTS: \$ 600,000	2020 COSTS:	2021 COSTS:	2022 COSTS:	2023 COSTS:
<b>FUNDING SOURCE:</b> Sewer Fund				



## CAPITAL IMPROVEMENT PROJECT

PROJECT NAME	PROJECT I.D.:	PROJECT YEARS:
Sanitary Sewer Line – Kinna Dr. to S. CR25A Sewer Project		2019
<b>DESCRIPTION:</b>		
<p>This project will install at least +/-850' of the total project length of +/-1,750 LF of 15" gravity sanitary sewer from Kinna Drive westerly following the south side of Rohrer's Run to South CR25A. When Kinna Drive was extended northerly, a manhole and stub 15" sewer was installed. When South CR25A was widened from 2 to 5-lanes the 8" gravity sanitary sewer was installed under CR25A. This project can ultimately provide sanitary sewer service to 9 properties along West Main Street and 3 properties along South CR25A. When both phases are done this sewer will provide service to the +/-60 acre Long farm. The City would construct this sanitary sewer and recoup its cost over time by using an Intervening User Agreement (ordinance). Easements will be needed from two property owners to facilitate the initial 850' construction phase.</p>		
<b>PROJECT JUSTIFICATION:</b>		
Will immediately provide gravity sanitary sewer service to IL4211 being +/-8.161 acres within Tipp City's corporate limit, and service to unincorporated Monroe Township commercial properties along SR571 upon annexation. (Engineering \$30,000 of total)		
2019 COSTS: \$ 240,000	2020 COSTS:	2021 COSTS:
		2022 COSTS:
		2023 COSTS:
<b>FUNDING SOURCE:</b> Sewer Fund		





## CAPITAL IMPROVEMENT PROJECT

PROJECT NAME: Engineering/Architectural Design – Water-Sewer Service Center	PROJECT I.D. OR DEPARTMENT:	PROJECT YEARS: 2019-2021		
TRADE-IN VALUE (IF ANY): N/A	ESTIMATED USEFUL LIFE: 50 years	TOTAL EXPENDITURE: \$ 1,050,000		
DESCRIPTION OR REQUEST (if multiple years, include schedule for engineering, bidding, construction): Engineering/Architectural Design of a new Water-Sewer Service Center.				
PROJECT JUSTIFICATION (explain the affect on operations: quantify savings or costs, new equipment include a cost/benefit analysis): Construction of a Water-Sewer Department Facility would make the Dept. much more efficient especially during emergencies by having equipment centrally located instead of spread out at various locations. The facility would also provide for additional employee work space for water meter programming, equipment storage and maintenance, material inventory storage.				
PROJECT COST (If multiple phases, which year will the expenditure take place)				
2019 COSTS: \$50,000	2020 COSTS:	2021 COSTS: \$1,000,000	2022 COSTS:	2023 COSTS:
FUNDING SOURCE 50/50 Split Water Fund & Sewer Fund				



## CAPITAL IMPROVEMENT EQUIPMENT

PROJECT NAME: 1-Ton Dump Truck	PROJECT I.D. OR DEPARTMENT:	PROJECT YEARS: 2023		
TRADE-IN VALUE (IF ANY): Unknown – 2008 vehicle anticipated to be sold on GovDeals.Com	ESTIMATED USEFUL LIFE: 10 years	TOTAL EXPENDITURE: \$ 51,000		
DESCRIPTION OR REQUEST (if multiple years, include schedule for engineering, bidding, construction): To replace 2008 1-ton dump truck.				
PROJECT JUSTIFICATION (explain the affect on operations: quantify savings or costs, new equipment include a cost/benefit analysis): Scheduled Replacement of Existing Equipment				
PROJECT COST (If multiple phases, which year will the expenditure take place)				
2019 COSTS	2020 COSTS	2021 COSTS	2022 COSTS	2023 COSTS \$ 51,000
FUNDING SOURCE: Water Fund-\$25,500 Sewer Fund-\$25,500				





## CAPITAL IMPROVEMENT EQUIPMENT

PROJECT NAME: 2.5-Ton Dump Truck	PROJECT I.D. OR DEPARTMENT:	PROJECT YEARS: 2021
TRADE-IN VALUE (IF ANY): Unknown – 2006 vehicle anticipated to be sold on GovDeals.Com	ESTIMATED USEFUL LIFE: 12 years	TOTAL EXPENDITURE: \$ 150,000
DESCRIPTION OR REQUEST (if multiple years, include schedule for engineering, bidding, construction): To replace 2006 2.5-ton dump truck.		
PROJECT JUSTIFICATION (explain the affect on operations: quantify savings or costs, new equipment include a cost/benefit analysis): Scheduled Replacement of Existing Equipment		
PROJECT COST (If multiple phases, which year will the expenditure take place)		
2019 COSTS	2020 COSTS	2021 COSTS \$ 150,000
FUNDING SOURCE: Water Fund-\$75,000 Sewer Fund-\$75,000		





## CAPITAL IMPROVEMENT PROJECT

PROJECT NAME: Pick Up Truck 404	PROJECT I.D. OR DEPARTMENT:	PROJECT YEARS: 2022-2023		
TRADE-IN VALUE (IF ANY): Unknown – vehicles anticipated to be sold on GovDeals.Com	ESTIMATED USEFUL LIFE: 10 years	TOTAL EXPENDITURE: \$ 76,000		
DESCRIPTION OR REQUEST (if multiple years, include schedule for engineering, bidding, construction): 2022 – Replace 2012 GMC pick-up. 2023 – Replace 2013 GMC pick-up.				
PROJECT JUSTIFICATION (explain the affect on operations: quantify savings or costs, new equipment include a cost/benefit analysis): Scheduled Replacement of Existing Equipment				
PROJECT COST (If multiple phases, which year will the expenditure take place)				
2019 COSTS:	2020 COSTS:	2021 COSTS:	2022 COSTS: \$38,000	2023 COSTS: \$38,000
FUNDING SOURCE: Water Fund - \$38,000 Sewer Fund - \$38,000				





## CAPITAL IMPROVEMENT PROJECT

PROJECT NAME: Mowers	PROJECT I.D. OR DEPARTMENT:	PROJECT YEARS: 2020
TRADE-IN VALUE (IF ANY): Unknown – will be determined in 2020	ESTIMATED USEFUL LIFE: 5 years	TOTAL EXPENDITURE: \$ 18,000
DESCRIPTION OR REQUEST (if multiple years, include schedule for engineering, bidding, construction):  Replace 2 Hustler Mowers, use existing mowers as trade in.		
PROJECT JUSTIFICATION (explain the affect on operations: quantify savings or costs, new equipment include a cost/benefit analysis):  Scheduled Replacement of Existing Equipment		
PROJECT COST (If multiple phases, which year will the expenditure take place)  2019 COSTS: 2020 COSTS: 2021 COSTS: 2022 COSTS: 2023 COSTS: \$ 20,000		
FUNDING SOURCE:  Water Fund - \$ 10,000 Sewer Fund - \$ 10,000		





## CAPITAL IMPROVEMENT PROJECT

PROJECT NAME: Mini Trackhoe	PROJECT I.D.:	PROJECT YEARS: 2019		
TRADE-IN VALUE (IF ANY): N/A – will replace 2000 Streets Backhoe when that piece of equipment goes out of service.	ESTIMATED USEFUL LIFE: 10 years	TOTAL EXPENDITURE: \$ 45,000		
DESCRIPTION: For back yard access/maintenance of city lines. Split between Electric-50%, Water-12.5%, Sewer-12.5%, Street-25%. \$45,000 total.				
PROJECT JUSTIFICATION: To access tight construction/utility sites where a full size backhoe will not fit.				
PROJECT COST (If multiple phases, which year will the expenditure take place)				
2019 COSTS: \$ 45,000	2020 COSTS:	2021 COSTS:	2022 COSTS:	2023 COSTS:
FUNDING SOURCE: Capital Improvement Fund - \$ 11,250 Electric Fund - \$ 22,500 Water Fund - \$ 5,625 Sewer Fund - \$ 5,625				

