



August 30, 2019

The Honorable Joseph Gibson
& City Council Members:

Enclosed you will find the proposed 2020-2024 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 equipment life expectancy when asking for equipment replacement. Just because the piece of 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 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 protect 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, as well as federal, state, and local 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 2020 and 2021, and 2% in 2022-2024. With continued economic development in the region we believe these projected increases are reasonable and conservative estimates.
- The 2022-2024 revenue projections assume that the City will ask the voters to extend the current 0.25% income tax levies which expire June 30, 2021 and December 31, 2022. Without the continuation of these levies, it will be difficult to fund large projects.

Revenue

- Income Tax
 - The 0.2% income tax allocation to the CIRF is estimated to generate \$4,851,439, or an average of \$970,288 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 \$6,051,673, for an average of \$1,210,335 annually during the five-year period.
 - Total income tax receipts dedicated to the CIRF during the five-year period are estimated at \$16,954,786, or an average of \$3,390,957 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.

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/EMS

- 2020 - Replacement of Rescue #10 at a cost of \$250,000. The current rescue unit is a 1994 vehicle.
- 2020 - Purchase two powered lift cots (\$100,000 total). These cots and loading systems will be able to transition into the new ambulances purchased in 2021/2022.
- 2021/2022 - Replacement of two medic/ambulance vehicles (\$297,000/each or \$594,000 total).
- 2021 - Replacement of the current SCBA Cascade/Fill Station to refill oxygen bottles (\$60,000). The current unit is a 1999 model
- 2021 - Purchase of a Chief's car/Mobile Command vehicle (\$55,000). This vehicle will replace a 2000 Ford Excursion.
- 2022 - Purchase of a Gear Washer/Extractor to wash fire gear to remove contaminants (\$9,500). The existing machine is a 1998 model
- 2023 - Purchase of a Pyxis Medication System to store and maintain the department's pharmaceutical drug supply at an anticipated cost of \$100,000
- 2024 - Replacement of current training mannequins (\$32,000).
- 2024 - Replacement of Pumper #4 at a cost of \$250,000. The current unit is a 2003 vehicle.
- 2024 – Replacement of the 2012 EMS First Responder vehicle (\$55,000).

POLICE

- Police vehicle rotation will continue with two vehicles (1 cruisers and a new vehicle for the Deputy Chief) in 2020, three vehicles (1 cruiser, DARE vehicle, and a detective's vehicle) in 2021, two vehicles (2 cruisers) in 2022, three vehicles (2 cruisers and the Chief's vehicle) in 2023, and two vehicles (1 cruiser and a detective's vehicle) in 2024 .

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 2020-2024.
- **Neighborhood park improvements** at a cost of \$25,000 annually 2020-2024 as recommended by the Park Board.
- **Kyle Park Restrooms** – install additional restroom facilities in Kyle Park: Engineering design in 2020 (\$50,000) with construction in 2022 (\$250,000). Construction costs will include sanitary sewer upgrades required to enable construction of additional units.
- **City Park Electric Upgrades** – convert overhead electric lines to underground services in 2022 (\$60,000).
- **Parks/Streets Pole Barn** – construct an equipment storage facility near the Service Center on Park Avenue for use by the Parks and Streets Departments (\$150,000). This building will replace the current Parks Garage across the street from the football stadium in City Park which is in disrepair. Removal of the existing facility will provide additional parking near City Park and will consolidate the Parks/Street equipment at the Service Center location.

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.

- **Paint and Caulk Pool Bottoms** –\$45,000 in 2020.
- **Replacement of the play structure in the activity pool** - \$50,000 in 2020 for design, and \$300,000 in 2022 for removal of the existing structure and construction of the new structure.

Parks Vehicles and Equipment

- 2020 = Replacement of Zero turn mower (3-year rotation) - \$11,250
- 2021 = Replacement of 2005 ¾ Ton Pick Up - \$27,500
- 2021 = Replacement of Tri-deck mower (4-year rotation) - \$18,000
- 2021 = Replacement of Zero turn mower (3-year rotation) - \$11,500
- 2022 = Replacement of 2008 one-ton dump truck - \$45,000
- 2022 = Replacement of Zero turn mower (3-year rotation) - \$11,750

- 2023 = Replacement of Tri-deck mower (4-year rotation) - \$18,000
- 2023 = Replacement of Zero turn mower (3-year rotation) - \$12,000
- 2024 = Replacement of Zero turn mower (3-year rotation) - \$12,000

ADMINISTRATION

- Annual replacement of computers, servers, copiers, network printers, etc., including software upgrades
- Upgrade the City's financial management systems in 2020 (\$200,000). The current vendor has notified the City these systems will no longer be operational after 2022 due to expiration of licensing agreements. Replacement in 2020 ensures the new systems will be operational prior to the vendor discontinuing the software (18 month conversion process).
- Replace 2015 phone system in 2020 at the end of the contractual maintenance period - \$80,000
- **Government Center Improvements:**
 - 2020 = Council chambers upgrades (re-laminate Council Dais - \$50,000), HVAC units for Government Center (\$36,000), and heat exchanger units as needed (\$5,000)
 - 2021 = New sliding front doors/entry upgrade (\$30,000), Replace HVAC in Electrical/Fiber rooms (\$16,000), HVAC for Police Department Sally Port (\$10,000), and heat exchanger units as needed (\$5,000)
 - 2022 = New windows/insulation/sills (\$75,000), HVAC upgrades (\$24,000), Replace exterior lighting (poles and wall units - \$10,000), Repaint interior and exterior of the Police Department and Government Center (\$6,000), and heat exchanger units as needed (\$5,000)
 - 2023 = HVAC upgrades (\$10,000), Paint Government Center and Police Department (\$6,000), Replace industrial size water heater (\$5,000), and heat exchanger units as needed (\$5,000)
 - Community Services Building – repaint exterior (\$15,000)
 - 2024 – Replace carpeting (\$10,000), HVAC upgrades (\$10,000), and heat exchanger units as needed (\$5,000)
 - Community Services Building – replace three A/C units (\$28,000)

STREETS

Street improvements continue to be the central focus of capital improvement spending from the 2011 Streets/Safety Levy. The 2020-2024 proposed CIP includes approx. \$10 million in street improvements. Some of the key projects planned in this CIP:

- **SR571 Streetscape Improvements** – reconstruction of Main Street (SR571) from 1st 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.
- **3rd Street Culvert Replacement** – engineering inspection has determined the storm culvert under 3rd Street is in much worse condition than originally believed. The cost to replace the existing culvert with a concrete box culvert is projected at \$450,000.
- **Kinna Drive Extension** – Completion of the extension of Kinna Dr. south from Main Street to the existing Kinna Dr. (\$745,000 (street portion)). There is a possible \$327,000 ODOT/JOBSOhio Grant to assist in this construction. Completion of this section of S. Kinna Dr. will provide a second ingress/egress to the North Gate Commerce Center industrial park and should make these lots more desirable for economic development.
- **City-Wide Asphalt Resurfacing Program** - \$380,000 in 2020 (\$100,000 to come from the State Highway Fund to repave Main Street from Garber Dr. east to the railroad tracks at 5th Street). Future years repaving will average from \$600,000 to \$750,000.
- **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
- **I-75 Interchange Improvements (Exit 68)** – \$50,000 in 2020 for engineering design and \$500,000 in 2021 for construction.
- **“Quiet Zone” Railroad Crossing Improvements** - \$50,000 in 2020 for engineering design and \$400,000 in 2021 for construction.
- **Wagon Wheel Drive Widening** – remove honeysuckle and engineer/design roadway improvements into the Tippecanoe Family Aquatic Center (2023-\$200,000).

Vehicles and Equipment

- 2021 = Replacement of 2008 1 ton Dump Truck (with Plow) - \$45,000
- 2021 = Replacement of 2008 ¾ ton Pickup Truck - \$35,000
- 2022 = Replacement of 2002 Front End Loader - \$155,000
- 2023 = Replacement of 2000 1 ton asphalt roller - \$22,000
- 2024 = Replacement of 2006 2.5 ton snowplow truck - \$175,000
- 2024 = Replacement of 2012 ¾ ton Pickup Truck - \$35,000

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 increases required during the five-year period
 - The City recently completed its cost-of-service study and had a one-time realignment of certain charges to its customer classes. We do not anticipate revisiting the electric rates during this five year CIP 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 improvement has been completed - \$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

- 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
- 2020 = Purchase an equipment trailer - \$20,000
- 2021 = Replacement of a 2012 Pick-up Truck - \$50,000
- 2021 = Replacement of a 1996/1997 Cable Puller/Tensioner Machine - \$180,000
- 2022 = Replacement of 2014 Tree Truck - \$225,000
- 2022 = Replacement of the 2nd Double Bucket Truck - \$260,000
- 2023 = Replacement of 2009 Single Bucket Truck - \$200,000
- 2023 = Replacement of 2012 1-Ton Dump Truck - \$50,000
- 2024 = Replacement of 2014 Chipper - \$80,000

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

- City Council authorized a series of rate increases in 2019 to be effective each year from 2019-2023 (4%, 4%, 4%, 5%, 5% respectively). These rate increases were intended to support the capital improvement program as well as stabilizing the fund balance each year of the proposed CIP.
- Water consumption is projected to increase approx. 3% annually
- 2% average annual increase in operating expenses

Debt

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

Fund Balance

With the adoption of the water rate increases noted above, the Water Fund cash balance projected in the five-year fund analysis on pages 20-21 remains above the Minimum Target Balance for each year of the CIP after 2020. The 2020 balance is below the target due to significant construction costs, but as the out-years are positive we do not consider this to be a problem.

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.
 - 2020 - \$500,000 for building construction
- **Bowman Avenue Water Tower Demolition** – \$150,000
- **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
 - 2020 = Installation of a new water line on S. Kinna Dr. from Main Street to the existing S. Kinna Dr. terminus - \$79,700
 - 2021 = Engineering design – 4th Street and 5th Street Waterline Replacement - \$40,000
 - 2022 = Construction of 4th Street (North to Park) & 5th Street (Kilgore to Franklin) Waterline Replacements- \$470,000
 - 2023 = Engineering design – Amokee Street Waterline Replacement - \$20,000
 - 2024 = Construction of Amokee Street Waterline Replacement - \$140,000

Vehicles and Equipment

- 2020 = Replacement of mowers - \$20,000 (\$10,000 Water/\$10,000 Sewer)
- 2021 = Replacement of 2006 2.5 Ton dump truck - \$150,000 (\$75,000 Water/\$75,000 Sewer)
- 2022 = Replacement of 2012 ¾ Ton 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)
- 2023 = Replacement of 2013 ¾ Ton pick-up truck - \$38,000 (\$19,000 Water/\$19,000 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 annually from 2020-2024
- **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 areas 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
 - 2024 = Amokee (Warner to Tippecanoe) - \$55,000
- **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:
 - 2020 – S. Kinna Dr. Sanitary Sewer Extension - \$72,300
- **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.
 - 2020 - \$500,000 for building construction

Vehicles and Equipment

- 2020 = Replacement of mowers - \$20,000 (\$10,000 Water/\$10,000 Sewer)
- 2021 = Replacement of 2006 2.5 Ton dump truck - \$150,000 (\$75,000 Water/\$75,000 Sewer)
- 2022 = Replacement of 2012 ¾ Ton 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)
- 2023 = Replacement of 2013 ¾ Ton pick-up truck - \$38,000 (\$19,000 Water/\$19,000 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

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**CITY OF TIPP CITY
2020 CAPITAL IMPROVEMENT RECOMMENDATIONS**

DEPARTMENT	DESCRIPTION	SOURCE OF FUNDS	AMOUNT
FIRE/EMS	Rescue #10	Cap. Imp. Fund	250,000
	Power Load Cots	Cap. Imp. Fund	100,000
	HVAC Install in EMS Apparatus Bay	Cap. Imp. Fund	25,000
	Computer Hardware/Software/Mobile Access	Cap. Imp. Fund	10,000
	Station Upgrades (LED Lighting/Access Controls)	Cap. Imp. Fund	9,000
			394,000
POLICE	Replace Cruiser #1 (2015 model)	Cap. Imp. Fund	57,750
	Deputy Chief Vehicle	Cap. Imp. Fund	32,500
	CVSA Laptop	Cap. Imp. Fund	10,000
			100,250
PARKS	Kyle Park - Additional Restrooms (Engineering)	Cap. Imp. Fund	50,000
	Neighborhood Park Improvements	Cap. Imp. Fund	25,000
	Asphalt Resurfacing - Bike Trails	Cap. Imp. Fund	25,000
	Safety Surface & Equipment	Cap. Imp. Fund	15,000
	Tipp City Entrance Signs	Cap. Imp. Fund	17,000
	Zero Turn Mower	Cap. Imp. Fund	11,250
			143,250
TFAC	Replace Activity Pool Play Structure (Engineering)	Cap. Imp. Fund	50,000
	Paint & Caulk Pool Bottoms	Cap. Imp. Fund	45,000
	Computers and Security Equipment	Parks Cap. Imp. Fund	10,000
	Lifeguard Umbrellas, Diving Boards, Etc.	Cap. Imp. Fund	5,000
			110,000
ADMINISTRATION	Software Upgrades/Licensing	Cap. Imp. Fund	206,000
	Government Center Improvements	Cap. Imp. Fund	91,000
	Upgrade Phone System	Cap. Imp. Fund	80,000
	Computer Replacement Program	Cap. Imp. Fund	40,300
	Depot Park Improvements	Cap. Imp. Fund	22,000
	Fiber Optic Testing & Maintenance	Cap. Imp. Fund	10,000
	Police Range Improvements	Cap. Imp. Fund	9,000
			458,300

**CITY OF TIPP CITY
2020 CAPITAL IMPROVEMENT RECOMMENDATIONS**

DEPARTMENT	DESCRIPTION	SOURCE OF FUNDS	AMOUNT
STREET	Main Street Streetscape (1st to Bikepath - Engineering)	Cap. Imp. Fund	1,842,000
	County Road 25A Widening (Springmeade-I-75 Exit 69)	Cap. Imp. Fund	1,515,000
	S. Kinna Drive Construction (possible ODOT Grant)	Cap. Imp. Fund	745,000
	3rd Street Culvert Replacement	Cap. Imp. Fund	450,000
	West Plum Street Reconstruction	Cap. Imp. Fund	300,000
	Asphalt Resurfacing	Cap. Imp. Fund/State Highway Fund	380,000
	Hyatt-Park Avenue Traffic Signal	Municipal Road Fund	240,000
	Wunderwood Drive Reconstruction and Widening	Cap. Imp. Fund/Owner Assessment	175,000
	Stormwater & Stormsewer Maintenance	Cap. Imp. Fund	90,000
	Sidewalk Program (Grinding and/or Resurfacing as needed)	Cap. Imp. Fund	50,000
	I-75 Exit 68 Interchange Improvements (Design)	Cap. Imp. Fund	50,000
	CSX Quiet Zone Modifications (Engineering/Design)	Cap. Imp. Fund	50,000
	Alley Paving (including survey to determine ROW)	Cap. Imp. Fund	25,000
			5,912,000
DEBT	Debt - County Road 25A	Cap. Imp. Fund	102,500
	Debt - Aerial Ladder Truck	Cap. Imp. Fund	82,000
	Debt - Downtown Streetscape Improvement (Note)	Cap. Imp. Fund	41,000
	Debt - Downtown Streetscape Improvement (OPWC)	Cap. Imp. Fund	48,300
			273,800
ELECTRIC	SCADA System	Electric Fund	500,000
	Power Plant Removal	Electric Fund	500,000
	New Subdivision Development	Electric Fund	150,000
	Line Improvements	Electric Fund	60,000
	Street Light Conversion	Electric Fund	60,000
	Replace 2010 Double Bucket Truck	Electric Fund	250,000
	Replace 2008 Digger Derrick	Electric Fund	240,000
	Replace 2010 Pick-up Truck	Electric Fund	50,000
	Equipment Trailer	Electric Fund	20,000
	Computer and Security Camera Upgrades	Electric Fund	10,600
	Note Debt - Generator	Electric Fund	413,000
	Note Debt - Generator	Electric Fund	407,500
			2,661,100

**CITY OF TIPP CITY
2020 CAPITAL IMPROVEMENT RECOMMENDATIONS**

DEPARTMENT	DESCRIPTION	SOURCE OF FUNDS	AMOUNT
WATER	Water/Sewer Service Center	Water Fund	500,000
	Water Line Replacement - Wunderwood	Water Fund	175,000
	Water Tower #1 Removal (Bowman Ave. Tank)	Water Fund	150,000
	Water Line Installation - S. Kinna Dr.	Water Fund	79,700
	Water Line Improvements	Water Fund	30,000
	Mower	Water Fund	10,000
	Note Debt - AMR Project	Water Fund	24,414
	Note Debt - New Water Tower	Water Fund	93,100
	Note Debt - Water Tower Rehab/Removal	Water Fund	55,100
	Note Debt - W. Walnut Water Line	Water Fund	118,450
	Note Debt - Roselyn Water Line	Water Fund	42,350
	Debt - OPWC Loan - Water Tower #3	Water Fund	21,250
	Debt - OPWC Loan - Water Tower #4	Water Fund	120,000
	Debt - OPWC Loan - AMR/AMI Project	Water Fund	30,000
	Debt - OPWC Loan - Downtown Water Lines	Water Fund	11,900
			1,461,264
SEWER	Water/Sewer Service Center	Sewer Fund	500,000
	I&I Program	Sewer Fund	200,000
	Sewer Line Installation - S. Kinna Dr.	Sewer Fund	72,300
	Sewer Line Improvements	Sewer Fund	35,000
	Mower	Sewer Fund	10,000
	Note Debt - Main Street Lift Station	Sewer Fund	121,000
	Note Debt - Roselyn Sewer Line	Sewer Fund	42,350
	Debt - OPWC Loan - Downtown Sewer Lines	Sewer Fund	9,800
			990,450
Grand Total All Funds			12,504,414

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

<u>Account</u>	<u>Description</u>	<u>2020 Projected</u>	<u>2021 Projected</u>	<u>2022 Projected</u>	<u>2023 Projected</u>	<u>2024 Projected</u>
Receipts						
Fund 204	State Highway Fund Cash used for Paving Main St.	\$ 100,000	\$ -	\$ -	\$ -	\$ -
Fund 205	Municipal Road Fund Cash used for Hyatt/Park Traffic Signal	\$ 240,000	\$ -	\$ -	\$ -	\$ -
Fund 417	CIP Fund Cash used for Capital/Debt Payment	7,214,700	2,968,800	2,674,825	2,113,550	2,720,580
Fund 420	Parks - 0.25% Income Tax Fund Receipts	10,000	10,000	10,000	10,000	10,000
Total Receipts		\$ 7,564,700	\$ 2,978,800	\$ 2,684,825	\$ 2,123,550	\$ 2,730,580
Expenditures						
Fund 417	County Auditor Fees	\$ 2,100	\$ 2,100	\$ 2,100	\$ 2,100	\$ 2,100
Fund 417	Debt Issuance Fees	-	-	-	-	-
Fund 417	Auction Expenses	1,000	1,000	1,000	1,000	1,000
Fund 417	Tax Revenue Sharing	95,000	97,500	100,000	102,500	105,000
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	\$ 173,100	\$ 175,600	\$ 178,100	\$ 180,600	\$ 183,100
Capital Uses of Funds by Department						
Fund 204	Street Department	\$ 100,000	\$ -	\$ -	\$ -	\$ -
Fund 205	Street Department	\$ 240,000	\$ -	\$ -	\$ -	\$ -
Fund 417	Fire and Emergency Medical Services	394,000	447,000	369,000	100,000	809,000
Fund 417	Police	100,250	165,750	116,500	150,250	92,750
Fund 417	Parks - CIP Fund	243,250	127,000	850,750	260,000	182,000
Fund 417	Administration	458,300	285,150	207,175	157,400	170,430
Fund 417	Street Department	5,572,000	1,720,000	905,000	1,217,000	1,235,000
Fund 311	Debt Service Fund	273,800	48,300	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	\$ 7,391,600	\$ 2,803,200	\$ 2,506,725	\$ 1,942,950	\$ 2,547,480
Total Capital Improvement Expenditures		\$ 7,564,700	\$ 2,978,800	\$ 2,684,825	\$ 2,123,550	\$ 2,730,580

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

<u>Account</u>	<u>Description</u>	<u>2020 Projected</u>	<u>2021 Projected</u>	<u>2022 Projected</u>	<u>2023 Projected</u>	<u>2024 Projected</u>
Receipts						
Fund 605	Electric Fund	\$ 2,661,100	\$ 898,750	\$ 3,145,000	\$ 976,250	\$ 742,500
Fund 608	Water Fund	1,461,264	541,184	909,605	452,409	500,017
Fund 620	Sewer Fund	990,450	481,125	471,738	443,200	446,950
Total Receipts From Enterprise Funds		\$ 5,112,814	\$ 1,921,059	\$ 4,526,343	\$ 1,871,859	\$ 1,689,467
Uses of Funds By Department						
	Electric	\$ 2,661,100	\$ 898,750	\$ 3,145,000	\$ 976,250	\$ 742,500
	Water	1,461,264	541,184	909,605	452,409	500,017
	Sewer	990,450	481,125	471,738	443,200	446,950
Total Enterprise Fund Capital Improvement Expenditures		\$ 5,112,814	\$ 1,921,059	\$ 4,526,343	\$ 1,871,859	\$ 1,689,467

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2020 BUDGET WORKSHEET
GENERAL FUND - SUMMARY REVENUES AND EXPENDITURES

Description	2017 Actual	2018 Actual	2019 Budget	2019 Estimate	2020 Projected	2021 Projected	2022 Projected	2023 Projected	2024 Projected
Revenues									
Taxes	3,624,007	3,727,886	3,961,064	3,973,752	4,079,174	4,195,413	4,275,848	4,356,581	4,439,980
Intergovernmental Receipts	1,041,956	1,065,934	1,090,114	1,093,706	1,131,242	1,169,579	1,209,281	1,232,090	1,273,712
Charges for Services	768,731	833,557	724,692	723,263	725,811	725,811	725,811	729,012	729,012
Fines and Forfeitures	10,144	12,975	17,000	7,800	10,500	10,500	10,500	10,500	10,500
Fees, Licenses, and Permits	175,999	210,584	182,600	184,750	185,250	185,750	186,250	171,250	171,250
Earnings on Investment	145,276	251,076	250,000	330,000	375,000	350,000	350,000	350,000	350,000
Miscellaneous Revenues	64,009	67,766	57,450	94,059	56,600	55,350	55,350	55,350	55,350
Reimbursements & Refunds	643,204	695,550	695,943	701,151	734,558	756,161	775,784	746,019	767,036
Total Operating Receipts	6,473,326	6,865,328	6,978,863	7,108,481	7,298,136	7,448,564	7,588,824	7,650,801	7,796,840
Expenditures									
Council	82,056	75,993	83,698	90,462	95,873	92,839	93,623	87,126	87,649
Boards & Commissions	31,101	30,975	33,100	37,295	37,000	37,000	37,000	33,100	33,100
Administration	299,595	311,449	316,803	323,428	340,098	349,415	358,474	365,647	373,737
Building and Facility Services	247,939	263,977	287,512	287,028	293,813	303,280	311,435	317,795	326,621
Finance Administration	252,391	254,575	258,218	268,606	273,427	280,924	288,519	295,803	302,796
Utility Billing	272,022	293,421	309,677	316,181	340,989	352,249	360,864	369,697	378,920
Income Tax	276,427	280,692	298,323	296,700	326,353	332,111	338,066	346,736	352,327
Law	161,457	214,541	166,908	164,872	167,283	158,782	160,220	136,742	138,365
Police	2,645,009	2,757,967	2,873,937	2,827,685	2,986,532	3,166,158	3,259,833	3,365,457	3,467,907
Fire	206,748	261,601	314,823	345,994	-	-	-	-	-
Emergency Medical Services	802,984	817,918	856,777	867,353	1,225,549	1,260,877	1,295,569	1,330,127	1,366,163
Community & Economic Develop.	314,901	324,885	381,030	295,974	326,674	336,337	344,982	345,230	353,923
Engineering	180,355	107,473	69,843	113,546	79,003	79,474	79,963	78,388	78,917
Parks	503,347	488,432	474,036	497,019	511,991	524,168	536,600	537,148	546,162
Recreation	17,700	17,700	17,700	17,700	17,700	17,700	17,700	17,700	17,700
Non-Departmental	173,690	210,555	200,490	265,577	244,956	274,119	257,638	263,689	269,901
Total Program Expenditures	6,467,722	6,712,154	6,942,875	7,015,421	7,267,240	7,565,433	7,740,487	7,890,385	8,094,189
Total Receipts Over/(Under)									
Program Disbursements	5,604	153,174	35,989	93,060	30,896	(116,869)	(151,662)	(239,584)	(297,350)

**2020 BUDGET WORKSHEET
GENERAL FUND - SUMMARY REVENUES AND EXPENDITURES**

Description	2017 Actual	2018 Actual	2019 Budget	2019 Estimate	2020 Projected	2021 Projected	2022 Projected	2023 Projected	2024 Projected
Other Financing Sources/(Uses)									
Refunds	-	(260)	(500)	(450)	(500)	(500)	(500)	(500)	(500)
Transfers In	-	-	-	-	-	-	-	-	-
Transfers (Out)	-	(135,000)	-	-	-	-	-	-	-
Advances In	-	-	-	81,113	-	-	-	-	-
Advances (Out)	-	(81,113)	-	-	-	-	-	-	-
Total Other Financing Receipts/(Disbursements)	-	(216,373)	(500)	80,663	(500)	(500)	(500)	(500)	(500)
Excess/(Deficiency) of Revenues Over Expenditures	5,604	(63,199)	35,489	173,723	30,396	(117,369)	(152,162)	(240,084)	(297,850)
Fund Balance January 1st	6,060,476	6,066,080	6,002,881	6,002,881	6,176,604	6,207,000	6,089,632	5,937,469	5,697,386
Fund Balance December 31st	6,066,080	6,002,881	6,038,369	6,176,604	6,207,000	6,089,632	5,937,469	5,697,386	5,399,536
Reserve For Encumbrances	139,978	141,815	125,000	125,000	125,000	125,000	125,000	125,000	125,000
Unencumbered Cash 12/31	5,926,102	5,861,066	5,913,369	6,051,604	6,082,000	5,964,632	5,812,469	5,572,386	5,274,536
Minimum Target Fund Balance									
25% of Operating Expenditures	1,616,931	1,678,039	1,735,719	1,753,855	1,816,810	1,891,358	1,935,122	1,972,596	2,023,547
Amount Over/(Under) Target	4,309,171	4,183,027	4,177,651	4,297,749	4,265,190	4,073,273	3,877,348	3,599,790	3,250,989

Assumptions through 12/31/2024

Receipts

Income Tax Receipts to increase 3% in 2020 and 2021 then 2% per year through 2024

Property Tax Receipts will increase 1.5% per year through 2024

Interest receipts anticipated sharply higher due to Federal Reserve rate increases

Expenditures

Combines Fire/EMS Depts into one cost center. Assumes departments continue to operate as they do currently (part-time EMS and volunteer Fire)

Projections include the legislatively approved 2.5% FOP and non-union cost-of-living wage adjustment for 2020-2021

Health insurance costs to 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 2024

No pool fund subsidy projected from 2020-2024.

2020 BUDGET WORKSHEET
STREET REPAIR & MAINTENANCE FUND - DEPARTMENT: STREET

<u>Account</u>	<u>Description</u>	<u>2017 Actual</u>	<u>2018 Actual</u>	<u>2019 Budget</u>	<u>2019 Projected</u>	<u>2020 Projected</u>	<u>2021 Projected</u>	<u>2022 Projected</u>	<u>2023 Projected</u>	<u>2024 Projected</u>
203.0000.42600	Motor Vehicle License Fees	82,854	86,488	86,500	86,500	87,365	88,239	89,121	90,013	90,913
203.0000.42700	Gasoline Tax	365,216	367,318	365,000	365,000	480,000	480,000	480,000	480,000	480,000
203.0000.47890	Miscellaneous	687	1,343	1,500	2,500	1,500	1,500	1,500	1,500	1,500
203.0000.49210	Reimbursements	6,180	7,607	1,000	1,500	1,000	1,000	1,000	1,000	1,000
Total Receipts		454,937	462,756	454,000	455,500	569,865	570,739	571,621	572,513	573,413
203.3220.51000	Salary & Wages	224,063	195,831	188,635	183,863	196,942	203,835	210,969	216,243	221,650
203.3220.51050	Wages - Seasonal	5,713	2,112	10,200	10,200	10,200	10,200	10,200	10,200	10,200
203.3220.51075	Overtime	5,949	17,764	15,000	25,000	20,000	20,000	20,000	20,000	20,000
203.3220.51110	O.P.E.R.S.	29,046	30,178	29,937	30,669	31,800	32,765	33,764	34,502	35,259
203.3220.51125	Medicare	2,774	2,935	3,101	3,176	3,294	3,394	3,497	3,573	3,652
203.3220.51200	Health Insurance	72,674	71,349	75,000	73,776	75,240	79,002	82,952	87,100	91,455
203.3220.51300	Worker's Compensation	5,621	5,404	5,400	5,738	5,881	6,028	6,179	6,334	6,492
203.3220.51400	Life Insurance	207	161	200	150	175	175	175	200	200
203.3220.51500	Uniforms	1,980	2,012	2,000	2,000	2,000	2,000	2,000	2,000	2,000
Sub-Total Personnel		348,027	327,746	329,473	334,572	345,532	357,399	369,736	380,152	390,907
203.3220.52100	Travel & Training	1,792	821	2,000	1,464	2,000	2,000	2,000	2,000	2,000
203.3220.53100	Utilities	7,086	9,499	10,000	10,500	12,000	12,500	12,500	12,500	12,500
203.3220.53210	Uniform Rental	1,998	1,408	2,000	2,000	2,000	2,000	2,000	2,000	2,000
203.3220.53352	OSHA Safety/Equipment	1,360	1,675	2,500	1,500	2,500	2,500	2,500	2,500	2,500
203.3220.53383	Tree Maintenance	4,297	9,792	7,000	7,000	7,000	7,000	7,000	7,000	7,000
203.3220.53420	Facilities Maintenance	6,713	6,950	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
203.3220.53452	Traffic Signal Maintenance	9,622	6,194	7,500	7,500	7,500	7,500	7,500	7,500	7,500
203.3220.53480	Catch Basin Replacement	7,214	-	7,500	1,290	7,500	7,500	7,500	7,500	7,500
203.3220.53600	Legal Advertising	-	-	250	90	250	250	250	250	250
203.3220.53960	Contract - Roadside Mowing	5,151	5,510	5,500	12,500	12,500	12,500	12,500	12,500	12,500
203.3220.53990	Other Contractual	11,588	21,855	19,000	19,000	19,000	19,000	19,000	19,000	19,000
203.3220.54510	Asphalt & Gravel	4,723	7,006	20,000	12,500	20,000	20,000	20,000	20,000	20,000
203.3220.54530	Street Signs	7,939	6,887	8,000	8,000	8,000	8,000	8,000	8,000	8,000
203.3220.54700	Other Supplies	5,381	1,576	4,850	4,850	4,850	4,850	4,850	4,850	4,850
203.3220.54800	Storm Sewer Supplies	497	490	1,000	-	1,000	1,000	1,000	1,000	1,000
Sub-Total Other Operating		75,361	79,663	105,070	95,194	114,070	114,570	114,570	114,570	114,570
203.3220.55200	Equipment	615	186	1,000	1,357	7,000	1,000	1,000	1,000	1,000
203.3220.55553	Traffic Signal Replacement	-	-	-	-	240,000	-	-	-	-
Sub-Total Capital Outlay		615	186	1,000	1,357	247,000	1,000	1,000	1,000	1,000
Total Expenditures		424,003	407,595	435,543	431,123	706,602	472,969	485,306	495,722	506,477

**2020 BUDGET WORKSHEET
STREET REPAIR & MAINTENANCE FUND - DEPARTMENT: STREET**

<u>Account</u>	<u>Description</u>	<u>2017 Actual</u>	<u>2018 Actual</u>	<u>2019 Budget</u>	<u>2019 Projected</u>	<u>2020 Projected</u>	<u>2021 Projected</u>	<u>2022 Projected</u>	<u>2023 Projected</u>	<u>2024 Projected</u>
Excess/(Deficiency) of Revenues Over Expenditures		30,934	55,161	18,457	24,377	(136,737)	97,770	86,315	76,790	66,936
Fund Balance January 1st		278,278	309,212	364,373	364,373	388,750	252,013	349,783	436,098	512,889
Fund Balance December 31st		309,212	364,373	382,830	388,750	252,013	349,783	436,098	512,889	579,824
Reserve For Encumbrances		6,928	5,860	20,000	20,000	20,000	20,000	20,000	20,000	20,000
Unencumbered Cash 12/31		302,284	358,513	362,830	368,750	232,013	329,783	416,098	492,889	559,824
Minimum Target Fund Balance 0.25% of Operating Expenditures		105,847	101,852	108,636	107,442	114,900	117,992	121,077	123,681	126,369
Amount Over/(Under) Target		196,437	256,661	254,194	261,308	117,112	211,791	295,022	369,208	433,455

Assumptions through 12/31/2021

Receipts

License Fee Revenue will increase 1.0% annually
Gasoline Tax Revenue will increase significantly in 2020 due to the increase included
in the State's Budget Bill, but then will remain flat thereafter through 2024.

Expenditures

Projections include a 2.5% cost-of-living wage adjustment negotiated in the most recent AFSCME contract
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.
Traffic Signal Replacement is a one-time expenditure of funds for the replacement of the traffic signal at Hyatt St.
and Park Ave. which has experienced ongoing maintenance issues and is old enough it is difficult to find replacement parts at this time.
Equipment increase is one-time expenditure to update the Street Department security cameras

**2020 BUDGET WORKSHEET
STATE HIGHWAY FUND - DEPARTMENT: STREET**

<u>Account</u>	<u>Description</u>	<u>2017 Actual</u>	<u>2018 Actual</u>	<u>2019 Budget</u>	<u>2019 Projected</u>	<u>2020 Projected</u>	<u>2021 Projected</u>	<u>2022 Projected</u>	<u>2023 Projected</u>	<u>2024 Projected</u>
204.0000.42600	Motor Vehicle License Fees	6,718	7,013	7,050	7,050	7,085	7,120	7,156	7,191	7,227
204.0000.42700	Gasoline Tax	29,612	29,782	29,500	29,500	38,875	38,875	38,875	38,875	38,875
Total Receipts		36,330	36,795	36,550	36,550	45,960	45,995	46,031	46,066	46,102
204.3230.53960	Contract - Street Lines	641	2,500	2,500	1,068	2,500	2,500	2,500	2,500	2,500
204.3230.53990	Other Contractual	1,894	5,634	7,000	11,500	7,000	7,000	7,000	7,000	7,000
204.3230.54510	Asphalt & Gravel	-	5,872	6,000	3,000	6,000	6,000	6,000	6,000	6,000
204.3230.54520	Salt	3,382	-	15,000	-	15,000	15,000	15,000	15,000	15,000
204.3230.54700	Other Supplies	517	1,327	1,000	1,000	1,000	1,000	1,000	1,000	1,000
	Sub-Total Other Operating	6,434	15,333	31,500	16,568	31,500	31,500	31,500	31,500	31,500
204.3230.55510	Street Resurfacing	-	-	-	-	100,000	-	-	-	-
	Sub-Total Capital Outlay	-	-	-	-	100,000	-	-	-	-
Total Expenditures		6,434	15,333	31,500	16,568	131,500	31,500	31,500	31,500	31,500
Excess/(Deficiency) of Revenues Over Expenditures		29,896	21,462	5,050	19,982	(85,540)	14,495	14,531	14,566	14,602
Fund Balance January 1st		165,990	195,886	217,348	217,348	237,330	151,790	166,285	180,816	195,382
Fund Balance December 31st		195,886	217,348	222,398	237,330	151,790	166,285	180,816	195,382	209,984
Reserve For Encumbrances		7,354	5,024	2,500	2,500	2,500	2,500	2,500	2,500	2,500
Unencumbered Cash 12/31		188,532	212,324	219,898	234,830	149,290	163,785	178,316	192,882	207,484
Minimum Target Fund Balance 0.25% of Operating Expenditures		1,609	3,833	7,875	4,142	7,875	7,875	7,875	7,875	7,875
Amount Over/(Under) Target		186,924	208,491	212,023	230,688	141,415	155,910	170,441	185,007	199,609

Assumptions through 12/31/2015

Receipts

License Fee Revenue will increase 1.0% annually
Gasoline Tax Revenue will increase significantly in 2020 due to the increase included in the State's Budget Bill, but then will remain flat thereafter through 2024.

Expenditures

Expenditures remain essentially flat with 2018-2019 budgets
Contract-Street Line repainting moved to the Municipal Road Fund to more closely align with dollars spent on City streets versus State Highways
Street Resurfacing is a new category in 2020 and funds will be used to repave Main Street (State Route 571) from Garber Dr. east to the railroad tracks at 5th Street.

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2020 BUDGET WORKSHEET
MUNICIPAL ROAD FUND - DEPARTMENT: STREET

<u>Account</u>	<u>Description</u>	<u>2017 Actual</u>	<u>2018 Actual</u>	<u>2019 Budget</u>	<u>2019 Projected</u>	<u>2020 Projected</u>	<u>2021 Projected</u>	<u>2022 Projected</u>	<u>2023 Projected</u>	<u>2024 Projected</u>
205.0000.42800	Permissive License Fees	221,210	219,442	226,241	226,241	227,372	228,509	229,652	230,800	231,954
205.0000.47890	Miscellaneous	307	1,603	250	250	250	250	500	500	500
205.0000.49210	Reimbursements	1,287	-	1,000	1,000	1,000	1,000	1,000	1,000	1,000
Total Receipts		222,804	221,045	227,491	227,491	228,622	229,759	231,152	232,300	233,454
205.3240.51000	Salary & Wages	58,142	59,469	59,804	61,154	62,727	64,609	66,547	67,878	69,236
205.3240.51075	Overtime	1,357	4,735	5,000	6,500	7,500	7,500	7,500	7,500	7,500
205.3240.51110	O.P.E.R.S.	8,330	8,858	9,073	9,472	9,832	10,095	10,367	10,553	10,743
205.3240.51125	Medicare	803	873	867	887	910	937	965	984	1,004
205.3240.51200	Health Insurance	24,155	22,838	25,532	16,650	23,095	24,250	25,462	26,735	28,072
205.3240.51300	Worker's Compensation	1,615	1,425	1,425	1,876	1,923	1,971	2,020	2,071	2,123
205.3240.51400	Life Insurance	51	51	55	55	55	55	55	55	55
Sub-Total Personnel		94,453	98,249	101,756	96,593	106,041	109,417	112,916	115,776	118,732
205.3240.53410	Equipment Maintenance	20,547	17,524	26,000	32,500	30,000	30,000	30,000	30,000	30,000
205.3240.53480	Catch Basin Replacement	-	-	2,000	-	2,000	2,000	2,000	2,000	2,000
205.3240.53500	Insurance	9,150	9,868	11,842	11,392	13,670	15,721	17,293	19,022	20,925
205.3240.53960	Contract - Street Lines	7,500	5,758	7,500	7,500	7,500	7,500	7,500	7,500	7,500
205.3240.53990	Other Contractual	660	590	750	750	750	750	750	750	750
205.3240.54200	Equipment Operation	9,993	19,037	20,000	20,500	24,750	25,000	25,000	25,000	25,000
205.3240.54400	Small Tools	1,918	536	1,500	1,500	1,500	1,500	1,500	1,500	1,500
205.3240.54510	Asphalt & Gravel	5,161	9,141	10,000	10,000	10,000	10,000	10,000	10,000	10,000
205.3240.54520	Salt	9,248	25,285	50,000	50,000	50,000	50,000	50,000	50,000	50,000
205.3240.54530	Street Signs	4,278	4,307	5,000	2,000	5,000	5,000	5,000	5,000	5,000
205.3240.54535	Street Flags and Banners	3,656	5,000	5,000	4,980	5,000	5,000	5,000	5,000	5,000
205.3240.54540	Traffic Cones	945	-	1,000	-	1,000	1,000	1,000	1,000	1,000
205.3240.54700	Other Supplies	4,943	1,464	4,000	2,000	4,000	4,000	4,000	4,000	4,000
Sub-Total Other Operating		77,999	98,510	144,592	143,122	155,170	157,471	159,043	160,772	162,675
205.3240.55200	Equipment	670	2,942	2,000	1,996	2,000	2,000	2,000	2,000	2,000
Sub-Total Capital Outlay		670	2,942	2,000	1,996	2,000	2,000	2,000	2,000	2,000

**2020 BUDGET WORKSHEET
MUNICIPAL ROAD FUND - DEPARTMENT: STREET**

<u>Account</u>	<u>Description</u>	<u>2017 Actual</u>	<u>2018 Actual</u>	<u>2019 Budget</u>	<u>2019 Projected</u>	<u>2020 Projected</u>	<u>2021 Projected</u>	<u>2022 Projected</u>	<u>2023 Projected</u>	<u>2024 Projected</u>
205.3240.57130	Trf-Bond Ret. Fund - Prin.	10,000	-	-	-	-	-	-	-	-
205.3240.57140	Trf-Bond Ret. Fund - Int.	415	-	-	-	-	-	-	-	-
	Sub-Total Transfers	10,415	-	-	-	-	-	-	-	-
Total Expenditures		183,537	199,701	248,348	241,711	263,212	268,888	273,959	278,549	283,407
Excess/(Deficiency) of Revenues Over Expenditures		39,267	21,344	(20,857)	(14,220)	(34,590)	(39,129)	(42,808)	(46,249)	(49,953)
Fund Balance January 1st		371,135	410,402	431,746	431,746	417,526	382,936	343,808	301,000	254,751
Fund Balance December 31st		410,402	431,746	410,889	417,526	382,936	343,808	301,000	254,751	204,798
Reserve For Encumbrances		51,574	34,088	10,000	10,000	10,000	10,000	10,000	10,000	10,000
Unencumbered Cash 12/31		358,828	397,658	400,889	407,526	372,936	333,808	291,000	244,751	194,798
Minimum Target Fund Balance										
0.25% of Operating Expenditures		45,717	49,190	61,587	59,929	65,303	66,722	67,990	69,137	70,352
Amount Over/(Under) Target		313,111	348,468	339,302	347,597	307,633	267,086	223,010	175,614	124,447

Assumptions through 12/31/2021

Receipts

Permissive License Fee Revenue will increase 0.50% annually through 2024

Expenditures

Projections include a 2.5% cost-of-living wage adjustment negotiated in the most recent AFSCME contract
Health insurance costs increase an average of 5% per year

**2020 BUDGET WORKSHEET
CAPITAL IMPROVEMENT RESERVE FUND**

<u>Account</u>	<u>Description</u>	<u>2018 Actual</u>	<u>2019 Budget</u>	<u>2019 Projected</u>	<u>2020 Projected</u>	<u>2021 Projected</u>	<u>2022 Projected</u>	<u>2023 Projected</u>	<u>2024 Projected</u>
417.0000.41500	Income Tax Receipts (.2%)	827,440	897,980	897,980	924,919	952,667	971,720	991,155	1,010,978
417.0000.41500	Income Tax Receipts (.25% eff. 7-1-11)	1,034,565	1,120,138	1,120,138	1,153,742	1,188,354	1,212,121	1,236,364	1,261,091
417.0000.41500	Income Tax Receipts (.25% eff. 1-1-13)	1,034,566	1,120,138	1,120,138	1,153,742	1,188,354	1,212,121	1,236,364	1,261,091
417.0000.43100	Federal Grant	75,091	-	30,812	2,885,080	-	-	-	-
417.0000.43210	State/Local Grant	35,348	-	180,361	377,000	-	-	-	-
417.0000.44190	Township - EMS Share	57,610	-	-	26,000	77,220	77,220	-	-
417.0000.47100	Sale of Assets	16,559	15,000	15,000	15,000	15,000	15,000	15,000	15,000
417.0000.47410	Assessments-SWC&G	29,510	35,000	23,366	30,000	30,000	30,000	30,000	30,000
417.0000.47700	Donations - Parks	14,276	10,000	10,000	10,000	10,000	10,000	10,000	10,000
417.0000.49110	Transfers - General Fund	135,000	-	-	-	-	-	-	-
417.0000.49210	Reimbursements	114,120	1,000	1,000	1,000	1,000	1,000	1,000	1,000
Total Receipts		3,374,085	3,199,256	3,398,795	6,576,484	3,462,596	3,529,183	3,519,883	3,589,160
417.7100.53930	County Auditor Fees	1,453	2,100	1,158	1,500	1,500	1,500	1,500	1,500
417.7100.53992	Auction Expenses	1,242	500	563	1,000	1,000	1,000	1,000	1,000
	Sub-Total Other Operating	2,695	2,600	1,721	2,500	2,500	2,500	2,500	2,500
417.7100.55100	Facilities	34,559	92,500	41,950	122,000	68,000	120,000	41,000	53,000
417.7100.55102	Public Restrooms in City Park	-	-	250,000	-	-	-	-	-
417.7100.55105	Facilities - Parks	48,932	132,000	120,882	132,000	40,000	460,000	80,000	150,000
417.7100.55106	Storage Facility/Land Purchase	-	-	-	-	-	-	150,000	-
417.7100.55110	Old City Building Renovation	-	-	-	-	-	-	15,000	28,000
417.7100.55200	Equipment - Administration	54,602	32,000	59,265	90,000	82,000	22,000	22,000	22,000
417.7100.55201	Equipment - Fire	34,644	18,000	18,077	394,000	447,000	369,000	100,000	809,000
417.7100.55202	Equipment - EMS	276,031	45,000	90,415	-	-	-	-	-
417.7100.55203	Equipment - Police	138,025	122,000	122,000	100,250	165,750	116,500	150,250	92,750
417.7100.55205	Equipment - Street	34,831	11,250	154,121	-	80,000	155,000	22,000	210,000
417.7100.55206	Equipment - Parks	6,504	56,000	51,048	11,250	57,000	56,750	30,000	12,000
417.7100.55207	Equipment - Finance	-	-	-	200,000	-	-	-	-
417.7100.55208	Equipment - TFAC	217,114	52,000	57,869	100,000	30,000	334,000	75,000	20,000
417.7100.55209	Equipment - Engineering	-	-	-	-	60,000	-	-	-
417.7100.55220	Info Tech. Upgrade	90,939	203,430	113,430	46,300	75,150	65,175	79,400	67,430
417.7100.55510	Street Resurfacing	478,699	570,000	570,000	280,000	590,000	600,000	750,000	750,000
417.7100.55520	Sidewalks, Curbs, & Gutters	37,371	45,000	26,364	50,000	50,000	50,000	50,000	50,000
417.7100.55530	Alley Repair/Resurfacing	-	25,000	-	25,000	50,000	50,000	75,000	75,000
417.7100.55531	Stormsewer Improvements	1,827	185,000	97,506	90,000	50,000	50,000	45,000	50,000
417.7100.55536	Maple Hill Bridge Reconstruction	14,889	-	306,461	-	-	-	-	-
417.7100.55537	I-75 Interchange Improvements	-	-	18,905	50,000	500,000	-	-	-
417.7100.55539	S. Kinna Dr. (W. Main to existing Kinna)	-	100,000	3,500	745,000	-	-	-	-
417.7100.55540	W. Plum St. Reconstruction	-	-	-	300,000	-	-	-	-

**2020 BUDGET WORKSHEET
CAPITAL IMPROVEMENT RESERVE FUND**

<u>Account</u>	<u>Description</u>	<u>2018 Actual</u>	<u>2019 Budget</u>	<u>2019 Projected</u>	<u>2020 Projected</u>	<u>2021 Projected</u>	<u>2022 Projected</u>	<u>2023 Projected</u>	<u>2024 Projected</u>
417.7100.55541	Wunderwood Drive Improvements	-	-	-	175,000	-	-	-	-
417.7100.55543	3rd Street Culvert Replacement	-	-	-	450,000	-	-	-	-
417.7100.55545	CSX Quiet Zone Improvements	-	-	-	50,000	400,000	-	-	-
417.7100.55554	E. Broadway Reconstruction	-	-	-	-	-	-	-	100,000
417.7100.55555	Main St. Streetscape	33,968	75,000	94,750	1,842,000	-	-	-	-
417.7100.55556	County Road 25A Reconstruction	382,876	75,000	143,939	1,515,000	-	-	-	-
417.7100.55557	Kyle Park Road	20,000	-	-	-	-	-	-	-
417.7100.55558	Wagon Wheel Dr. Widening	-	50,000	-	-	-	-	200,000	-
417.7100.55569	I-75 Storm Drainage Improvements	-	350,000	-	-	-	-	-	-
	Sub-Total Capital Outlay	1,905,811	2,239,180	2,340,482	6,767,800	2,744,900	2,448,425	1,884,650	2,489,180
417.7100.57130	Trf-Bond Ret. Fund Prin.	985,000	905,800	905,800	268,300	48,300	48,300	48,300	48,300
417.7100.57140	Trf-Bond Ret. Fund Int.	49,600	31,188	31,188	5,500	-	-	-	-
417.7100.57305	Revenue Sharing (CRA Tax Abatement)	61,540	65,000	93,207	95,000	97,500	100,000	102,500	105,000
417.7100.57310	Tax Refunds	80,922	75,000	75,000	75,000	75,000	75,000	75,000	75,000
	Sub-Total Transfer/Refunds	1,177,062	1,076,988	1,105,195	443,800	220,800	223,300	225,800	228,300
Total Expenditures		3,085,568	3,318,768	3,447,398	7,214,100	2,968,200	2,674,225	2,112,950	2,719,980
Excess/(Deficiency) of Revenues Over Expenditures		288,517	(119,512)	(48,603)	(637,616)	494,396	854,958	1,406,933	869,180
Fund Balance January 1st		1,479,116	1,767,633	1,767,633	1,719,030	1,081,414	1,575,810	2,430,768	3,837,700
Fund Balance December 31st		1,767,633	1,648,121	1,719,030	1,081,414	1,575,810	2,430,768	3,837,700	4,706,881
Reserve For Encumbrances		1,436,402	100,000	525,000	500,000	100,000	100,000	100,000	100,000
Unencumbered Cash 12/31		331,231	1,548,121	1,194,030	581,414	1,475,810	2,330,768	3,737,700	4,606,881

Assumptions through 12/31/2019

Receipts

Income Tax Receipts budgeted to increase 3% in 2020-2021 then 2% per year from 2022-2024
2022-2024 Expenditures assumes the CIP Income Tax Levy is renewed

Expenditures

Expenditures are based on the 2020-2024 Capital Improvement Plan currently before Council
Main Street Streetscape and County Road 25A Widening Projects to be administered by ODOT

2020 BUDGET WORKSHEET
ELECTRIC FUND - REVENUE-EXPENDITURE ANALYSIS

<u>Account</u>	<u>Description</u>	<u>2018 Actual</u>	<u>2019 Budget</u>	<u>2019 Projected</u>	<u>2020 Projected</u>	<u>2021 Projected</u>	<u>2022 Projected</u>	<u>2023 Projected</u>	<u>2024 Projected</u>
605.0000.43230	ODOT/CMAQ Grant	120,227	-	-	-	-	-	-	-
605.0000.44310	Electric Light & Power Charges	20,046,221	19,180,683	18,221,649	19,132,731	20,089,368	21,093,836	22,148,528	23,255,955
605.0000.44330	Electric Line Extension Fees	5,430	50,000	35,000	35,000	35,000	35,000	25,000	25,000
605.0000.47100	Sale of Assets	17,322	-	48,332	-	-	-	-	-
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	110,083	110,500	108,042	412,000	-	-	-	-
605.0000.47890	Other Misc. Revenue	60,933	75,000	175,000	75,000	75,000	75,000	75,000	75,000
605.0000.48110	Sale of G.O. Notes	5,250,000	4,900,000	4,900,000	3,250,000	2,750,000	2,250,000	1,750,000	1,250,000
605.0000.48160	Premium on Sale of Debt	21,840	20,000	48,853	20,000	15,000	15,000	15,000	15,000
605.0000.49210	Reimbursements	112,730	25,000	185,000	25,000	25,000	25,000	25,000	25,000
605.0000.49999	Credit Card Clearance	899	-	-	-	-	-	-	-
Total Receipts		25,747,746	24,363,244	23,723,937	22,951,792	22,991,429	23,495,897	24,040,589	24,648,016
Administration	Personnel	110,991	102,721	115,528	122,608	126,698	127,865	130,942	132,167
	Other Operating	813,783	853,399	826,378	882,910	918,814	956,750	879,708	878,556
	Debt Service	6,221,519	5,426,250	5,361,253	5,010,250	3,347,500	2,832,500	2,332,500	1,817,500
	Transfers	217,225	246,731	249,741	263,261	271,753	280,070	291,423	300,452
	Sub-total Administration	7,363,518	6,629,101	6,552,900	6,279,028	4,664,764	4,197,186	3,634,574	3,128,675
Distribution	Personnel	1,198,221	1,175,508	1,281,915	1,302,213	1,274,244	1,314,224	1,333,482	1,389,776
	Operating	315,922	526,565	514,416	541,776	556,292	563,771	562,248	574,323
	Capital Outlay	653,361	412,500	3,948,958	1,850,600	500,000	2,755,000	595,000	370,000
	Refunds	2,316	4,000	2,500	4,000	4,000	4,000	4,000	4,000
	Sub-Total Distribution	2,169,820	2,118,573	5,747,789	3,698,588	2,334,536	4,636,995	2,494,730	2,338,099
Purchase of Power		14,576,975	15,215,000	13,491,099	14,502,931	15,228,078	15,989,482	16,788,956	17,628,404
Total Expenditures		24,110,313	23,962,674	25,791,788	24,480,548	22,227,378	24,823,663	22,918,260	23,095,178

**2020 BUDGET WORKSHEET
ELECTRIC FUND - REVENUE-EXPENDITURE ANALYSIS**

<u>Account</u>	<u>Description</u>	<u>2018 Actual</u>	<u>2019 Budget</u>	<u>2019 Projected</u>	<u>2020 Projected</u>	<u>2021 Projected</u>	<u>2022 Projected</u>	<u>2023 Projected</u>	<u>2024 Projected</u>
Excess/(Deficiency) of Revenues Over Expenditures		1,637,433	400,570	(2,067,851)	(1,528,756)	764,051	(1,327,765)	1,122,329	1,552,837
Fund Balance January 1st		11,647,014	13,284,447	13,284,447	11,216,595	9,687,840	10,451,891	9,124,126	10,246,455
Fund Balance December 31st		13,284,447	13,685,017	11,216,595	9,687,840	10,451,891	9,124,126	10,246,455	11,799,292
Reserve For Encumbrances		6,127,361	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
Unencumbered Fund Balance at December 31		7,157,086	12,685,017	10,216,595	8,687,840	9,451,891	8,124,126	9,246,455	10,799,292
Minimum Target Fund Balance									
25% of Operating Expenses		3,024,347	3,155,356	2,960,257	3,107,558	3,196,210	3,304,355	3,382,321	3,506,619
Amount Over/(Under) Target		4,132,738	9,529,661	7,256,338	5,580,282	6,255,681	4,819,770	5,864,134	7,292,673

Assumptions

Receipts

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

Expenditures

Projections include a 2.5% cost-of-living wage adjustment negotiated in the most recent AFSCME contract

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

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

**2020 BUDGET WORKSHEET
WATER FUND - REVENUE-EXPENDITURE ANALYSIS**

<u>Account</u>	<u>Description</u>	<u>2018 Actual</u>	<u>2019 Budget</u>	<u>2019 Projected</u>	<u>2020 Projected</u>	<u>2021 Projected</u>	<u>2022 Projected</u>	<u>2023 Projected</u>	<u>2024 Projected</u>
608.0000.43200	State Grant	-	-	-	-	-	235,000	-	-
608.0000.44410	Water & Supply Charges	2,943,950	3,271,508	3,271,508	3,369,653	3,582,143	3,836,475	4,108,864	4,108,864
608.0000.44420	Sale of Bulk Water	8,557	-	680	1,000	1,000	1,000	1,000	1,000
608.0000.44430	Water Tap-In Fees	64,257	40,000	65,000	65,000	40,000	30,000	30,000	30,000
608.0000.44450	Intervening User Fees	5,251	5,000	5,000	5,000	5,000	5,000	5,000	5,000
608.0000.44465	NAWA-Plant Charges	392,190	491,011	430,509	470,942	510,322	522,822	532,363	545,636
608.0000.44475	NAWA- Well Charges	23,334	23,500	22,960	23,000	23,000	23,000	23,000	23,000
608.0000.47100	Sale of Assets	1,665	1,000	1,000	1,000	1,000	1,000	1,000	1,000
608.0000.47430	Assessments - Water	4,211	3,500	2,881	3,000	3,000	3,000	3,500	3,500
608.0000.47890	Miscellaneous	604	2,000	7,500	5,000	5,000	5,000	2,000	2,000
608.0000.48110	Sale of Notes	1,678,000	1,438,332	1,452,500	1,232,665	1,526,998	1,496,331	1,250,664	1,250,664
608.0000.48160	Premium on Debt Sale	6,912	10,500	14,481	10,500	10,500	10,500	10,500	10,500
608.0000.49210	Reimbursements	17,061	10,000	10,000	10,000	10,000	10,000	10,000	10,000
Total Receipts		5,145,992	5,296,351	5,284,019	5,196,760	5,717,963	6,179,128	5,977,891	5,991,164
Administration	Personnel	49,966	47,839	54,845	59,362	61,422	63,557	65,337	67,141
	Other Operating	22,788	44,800	35,891	43,800	43,800	43,800	40,600	40,600
	Debt Service	2,051,681	1,747,529	1,765,015	1,654,936	1,450,850	1,752,120	1,734,538	1,734,196
	Transfers	147,636	155,864	154,908	163,059	168,354	173,564	180,525	186,174
	Sub-total Administration	2,272,071	1,996,032	2,010,659	1,921,157	1,724,426	2,033,041	2,021,000	2,028,112
Distribution	Personnel	255,116	264,010	261,186	306,004	316,584	326,447	334,402	342,549
	Operating	132,619	208,169	176,092	398,580	402,450	405,340	413,919	417,916
	Capital Outlay	187,322	66,250	221,250	938,000	145,000	519,000	94,500	170,000
	Refunds	-	1,500	-	1,500	1,500	1,500	1,500	1,500
	Sub-Total Distribution	575,057	539,929	658,528	1,644,085	865,534	1,252,287	844,321	931,965
Treatment	Personnel	385,734	491,011	430,509	470,942	510,322	522,822	532,363	545,636
	Operating	1,828,359	2,129,472	1,859,535	2,045,489	2,106,853	2,170,059	2,235,161	2,302,215
	Sub-Total Distribution	2,214,093	2,620,483	2,290,044	2,516,430	2,617,175	2,692,880	2,767,523	2,847,851
Total Expenditures		5,061,221	5,156,444	4,959,232	6,081,672	5,207,135	5,978,208	5,632,844	5,807,928

**2020 BUDGET WORKSHEET
WATER FUND - REVENUE-EXPENDITURE ANALYSIS**

<u>Account</u>	<u>Description</u>	<u>2018 Actual</u>	<u>2019 Budget</u>	<u>2019 Projected</u>	<u>2020 Projected</u>	<u>2021 Projected</u>	<u>2022 Projected</u>	<u>2023 Projected</u>	<u>2024 Projected</u>
Excess/(Deficiency) of Revenues Over Expenditures		84,771	139,907	324,788	(884,913)	510,828	200,920	345,046	183,236
Fund Balance January 1st		1,372,525	1,457,296	1,457,296	1,782,084	897,171	1,407,999	1,608,919	1,953,965
Fund Balance December 31st		1,457,296	1,597,203	1,782,084	897,171	1,407,999	1,608,919	1,953,965	2,137,201
Reserve For Encumbrances		139,486	100,000	100,000	100,000	100,000	100,000	100,000	100,000
Unencumbered Balance at December 31		1,317,810	1,497,203	1,682,084	797,171	1,307,999	1,508,919	1,853,965	2,037,201
Minimum Target Fund Balance									
25% of Operating Expenses		997,938	1,101,356	1,024,431	1,142,891	1,163,683	1,184,509	1,256,303	1,277,966
Amount Over/(Under) Target		319,872	395,847	657,652	(345,719)	144,316	324,410	597,662	759,235

Assumptions:

Receipts

Includes the 2019-2023 rate increases adopted in 2019 (4%, 4%, 5%, 5%, 5%)
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 include a 2.5% cost-of-living wage adjustment negotiated in the most recent AFSCME contract

Health insurance costs increase an average of 5% per year

\$200,000 per year is included in 2020-2024 (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)

**2020 BUDGET WORKSHEET
SEWER FUND - REVENUE-EXPENDITURE ANALYSIS**

<u>Account</u>	<u>Description</u>	<u>2017 Actual</u>	<u>2018 Actual</u>	<u>2019 Budget</u>	<u>2019 Projected</u>	<u>2020 Projected</u>	<u>2021 Projected</u>	<u>2022 Projected</u>	<u>2023 Projected</u>	<u>2024 Projected</u>
620.0000.44510	Sewer Charges	1,841,013	1,918,189	1,956,065	2,053,868	2,094,946	2,136,845	2,179,581	2,223,173	2,267,637
620.0000.44530	Sewer Tap-In Fees	47,313	74,644	50,000	65,000	60,000	40,000	30,000	25,000	25,000
620.0000.44561	County I&I Surcharge	12,236	7,759	8,000	20,000	20,000	20,000	20,000	10,000	10,000
620.0000.44562	Admin Fee - County I&I	1,360	862	1,000	2,750	2,000	2,000	2,000	1,000	1,000
620.0000.47445	Assessments - Sewer	6,424	7,651	7,500	6,149	6,500	6,500	6,500	7,500	7,500
620.0000.47890	Other Misc. Revenue	203	288	500	3,000	500	500	500	500	500
620.0000.48110	Sale of G.O. Notes	1,489,000	1,277,500	945,000	962,500	810,000	675,000	540,000	405,000	270,000
620.0000.48160	Premium on Sale of Debt	6,782	5,383	7,500	9,596	7,500	8,000	7,500	7,500	7,500
620.0000.49210	Reimbursements	5,730	8,998	5,000	5,000	5,000	5,000	1,000	1,000	1,000
Total Receipts		3,804,993	3,301,274	2,980,565	3,127,863	3,006,446	2,893,845	2,787,081	2,680,673	2,590,137
Administration	Personnel	50,602	51,555	50,005	53,355	56,377	58,308	60,309	63,345	65,227
	Other Operating	11,977	15,774	20,100	12,755	19,600	23,600	23,600	20,100	20,100
	Debt Service	1,682,251	1,529,841	1,317,850	1,335,412	977,706	843,970	705,316	569,614	569,388
	Transfers	127,851	138,700	140,529	139,334	147,623	152,275	156,752	163,346	168,227
	Sub-total Administration	1,872,681	1,735,870	1,528,484	1,540,856	1,201,306	1,078,153	945,977	816,405	822,941
Collections/Treat.	Personnel	267,421	262,853	278,314	271,478	326,530	319,076	327,904	335,873	345,303
	Other Operating	810,140	873,512	964,073	947,992	994,886	1,022,339	1,050,034	1,073,263	1,102,875
	Capital Outlay	460,810	158,947	1,111,250	652,725	830,000	310,000	305,000	279,500	235,000
	Refunds	214	1,589	1,000	1,000	1,000	-	-	-	-
	Sub-Total Treatment	1,538,585	1,296,901	2,354,637	1,873,195	2,152,415	1,651,416	1,682,938	1,688,636	1,683,178
Total Expenditures		3,411,266	3,032,771	3,883,121	3,414,051	3,353,721	2,729,569	2,628,915	2,505,041	2,506,120

**2020 BUDGET WORKSHEET
SEWER FUND - REVENUE-EXPENDITURE ANALYSIS**

<u>Account</u>	<u>Description</u>	<u>2017 Actual</u>	<u>2018 Actual</u>	<u>2019 Budget</u>	<u>2019 Projected</u>	<u>2020 Projected</u>	<u>2021 Projected</u>	<u>2022 Projected</u>	<u>2023 Projected</u>	<u>2024 Projected</u>
Excess/(Deficiency) of Revenues										
Over Expenditures		393,727	268,503	(902,556)	(286,188)	(347,276)	164,276	158,166	175,632	84,017
Fund Balance January 1st		1,052,221	1,445,948	1,714,451	1,714,451	1,428,263	1,080,987	1,245,262	1,403,429	1,579,061
Fund Balance December 31st		1,445,948	1,714,451	811,895	1,428,263	1,080,987	1,245,262	1,403,429	1,579,061	1,663,078
Reserve For Encumbrances		441,448	327,370	100,000	100,000	100,000	100,000	100,000	100,000	100,000
Unencumbered Balance at December 31		1,004,500	1,387,081	711,895	1,328,263	980,987	1,145,262	1,303,429	1,479,061	1,563,078
Minimum Target Fund Balance										
25% of Operating Expenses		499,377	555,549	692,105	685,079	550,854	560,075	567,450	576,332	587,783
Amount Over/(Under) Target		505,123	831,532	19,789	643,184	430,133	585,188	735,979	902,729	975,295

Assumptions

Receipts

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

Expenditures

Projections include a 2.5% cost-of-living wage adjustment negotiated in the most recent AFSCME contract

Health insurance costs increase an average of 5% per year

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.

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CITY OF TIPP CITY - FIVE YEAR PLAN (2020-2024)

DEPT / ITEM	Year	Pg. No.	2020	2021	2022	2023	2024
FIRE AND EMERGENCY MEDICAL SERVICES							
Rescue #10	1994	41	250,000				
Computer Hardware/Software/Mobile Access.		42	10,000				10,000
HVAC Upgrade EMS Apparatus Bay		42	25,000				
Station Upgrades (LED Lighting/Access Control)		42	9,000				
Ambulance	2014	43		297,000			
Ambulance	2014	43			297,000		
Staff/Command Vehicle	2000/2011	44		55,000			55,000
Cardiac Monitor		45		35,000	35,000		
SCBA Cascade/Fill Station in station	1999	46		60,000			
Thermal Imaging Camera	2003	47			15,000		
Gear Washer/Extractor	1998	48			22,000		
Pyxis Medication System		49				100,000	
Training Mannequins		50					32,000
LUCAS 2 Replacement		51					62,000
Pumper #4		52					650,000
Power Cots		53	100,000				
TOTAL FIRE			\$ 394,000	\$ 447,000	\$ 369,000	\$ 100,000	\$ 809,000
POLICE							
Replace Cruiser #2- Explorer K9	2020	55					
Replace Cruiser #6 - Explorer	2020	55					\$ 58,750
Replace Detective-Escape	2013	55		\$ 32,750			
Replace Cruiser #1 - Explorer	2015	55	\$ 57,750				
Replace Cruiser #4 - Explorer	2016	55		\$ 58,000			
Replace DARE/SRO Vehicle	2010	55		\$ 45,000			
Replace Chief's Vehicle - Taurus	2014	55				\$ 33,250	
Replace Cruiser #8 - Explorer	2017	55			\$ 58,250		
Replace Deputy Chief Vehicle	2020	55	\$ 32,500				
Replace Cruiser #3 - Explorer	2017	55			\$ 58,250		
Replace Cruiser #5 - Explorer	2018	55				\$ 58,500	
Replace Cruiser #7 - Explorer	2018	55				\$ 58,500	
Replace Detective-Edge	2018	55					\$ 34,000
Impound Lot		56		\$ 30,000			
CVSA Laptop		57	\$ 10,000				
TOTAL POLICE			\$ 100,250	\$ 165,750	\$ 116,500	\$ 150,250	\$ 92,750
PARKS- CIP Fund							
PARK PROJECTS							
Asphalt Resurfacing TFAC		61			50,000		
Asphalt Resurfacing Bike Trails		61	25,000				
Safety Surface & Equip, City & Kyle Parks		62	15,000	15,000	15,000	15,000	15,000
Neighborhood Park Improvements		63	25,000	25,000	25,000	25,000	25,000
Tipp City Entrance Signs		64	17,000				
Kyle Park Restrooms		65	50,000		250,000		

CITY OF TIPP CITY - FIVE YEAR PLAN (2020-2024)

DEPT / ITEM	Year	Pg. No.	2020	2021	2022	2023	2024
City Park - convert electric from overhead to below ground		66			60,000		
Parks/Streets Pole Barn		67				75,000	
Replacement of Kyle Park Soccer Field Playground		68			30,000		
Hathaway Park Playground upgrade		68				30,000	
City Park Teeball fields restroom upgrades		69				10,000	
Sycamore Woods Play Structure		70			30,000		
Dogpark Upgrade		71					10,000
Additional (pervious pavement) parking at pool/stadium		72					100,000
TIPPECANOE FAMILY AQUATIC CENTER							
Paint & Caulk Pool Bottoms		73	45,000				
Replace Sand in Filters		73			4,000		
Paint Pool Slide Stair/Structure		73				30,000	
PolySoft Splashpad Surface		73		20,000			
Replacement of Activity Pool Play Structure		74	50,000		300,000		
Replace Pumps & Motors		75			15,000	10,000	10,000
New/Replace Large Fun Umbrellas		76			15,000		
New/Replace Small Fun Umbrellas		76				15,000	
Lifeguard Umbrellas, Diving Boards, etc.		76	5,000	10,000			10,000
Concession Upgrade		77				20,000	
PARK VEHICLES & EQUIPMENT							
Parks, 1 Ton Dump	2008	78			45,000		
Parks 3/4 ton Pick Up	2005	79		27,500			
Tri-Deck Mowers (have 2 mowers, on 4 year rotation)		80		18,000		18,000	
Zero turn Mowers (have 5 mowers, on five year rotation)		81	11,250	11,500	11,750	12,000	12,000
TOTAL PARKS			\$ 243,250	\$ 127,000	\$ 850,750	\$ 260,000	\$ 182,000

CITY OF TIPP CITY - FIVE YEAR PLAN (2020-2024)

DEPT / ITEM	Year	Pg. No.	2020	2021	2022	2023	2024
ADMINISTRATION							
Software Assurance/Licensing		83				30,000	
Software Upgrades		83	206,000	6,000	6,000	6,000	6,000
Computer Replacement Program		83	40,300	69,150	59,175	43,400	61,430
Government Center Improvements		84	91,000	68,000	120,000	41,000	53,000
Police Range Improvements		85	9,000				
Depot Park Improvements		86	22,000				
Community Services Building Improvements						15,000	28,000
Copy Machines (4 total rotated on 5 year schedule)		87		12,000	12,000	12,000	12,000
Fiber Optic Testing & Maint.		88	10,000	10,000	10,000	10,000	10,000
Planametrics		89		60,000			
Upgrade Phone System	2015	89	80,000				
Great Miami River Bikeway Branding Program		90		10,000			
Tornado Siren Replacements (2)		91		50,000			
TOTAL ADMINISTRATION			\$ 458,300	\$ 285,150	\$ 207,175	\$ 157,400	\$ 170,430
STREET							
STREET PROJECTS							
Asphalt Resurfacing per year		95	380,000	590,000	600,000	750,000	750,000
Alley Paving (includes survey for ROW)		96	25,000	50,000	50,000	75,000	75,000
Sidewalk Program (Grinding or Replacement)		97	50,000	50,000	50,000	50,000	50,000
Stormwater & Storm Sewer Maintenance		97	90,000	50,000	50,000	45,000	50,000
S. Kinna Dr. (W. Main south to ex. Kinna) - possible \$327,000 grant		98	745,000				
West Plum St. Reconstruction		99	300,000				
Main Street Streetscape (1st Street to the bike path) - ODOT/OPWC Grants		100-101	1,842,000				
County Road 25A Widening (Springmeade to I-75 Exit 69) - ODOT/OPWC Grants		102-103	1,515,000				
3rd Street Culvert Replacement		104	450,000				
Hyatt-Park Avenue Traffic Signal - to be paid from Municipal Road Fund		105	240,000				
Aquatic Center Road Widening (Wagon Wheel Drive - Along River)		106				200,000	
Wunderwood Drive Improvements		107	175,000				
I-75 Interchange Improvements		108	50,000	500,000			
CSX Quiet Zone modifications		109	50,000	400,000			
Broadway Crosswalks		110					100,000
Parks/Streets Pole Barn		67				75,000	

CITY OF TIPP CITY - FIVE YEAR PLAN (2020-2024)

DEPT / ITEM	Year	Pg. No.	2020	2021	2022	2023	2024
STREET VEHICLES & EQUIPMENT							
Street 1 Ton	2008	111		45,000			
Street 3/4 Ton Pick Up	2008	112		35,000			
Street 3/4 ton Pick Up	2012	112					35,000
Street End Loader	2002	113			155,000		
Street Asphalt 1 ton roller	2000	114				22,000	
Street 2.5 Ton Dump	2006	115					175,000
TOTAL STREETS			\$ 5,912,000	\$ 1,720,000	\$ 905,000	\$ 1,217,000	\$ 1,235,000
DEBT							
Note Debt-County Road 25A		117	102,500	-	-	-	-
Note Debt - Aerial Ladder		118	82,000	-	-	-	-
Note Debt - Downtown Streetscape Impr.		119	41,000	-	-	-	-
OPWC Loan - Downtown Streetscape		119	48,300	48,300	48,300	48,300	48,300
TOTAL DEBT			\$ 273,800	\$ 48,300	\$ 48,300	\$ 48,300	\$ 48,300
CAPITAL IMPROVEMENT FUND TOTAL			\$ 7,381,600	\$ 2,793,200	\$ 2,496,725	\$ 1,932,950	\$ 2,537,480
PARKS- 0.25% INCOME TAX FUND - FUND 420							
TIPPECANOE FAMILY AQUATIC CENTER							
TFAC Computers & Security		77	10,000	10,000	10,000	10,000	10,000
TOTAL TIPPECANOE FAMILY AQUATIC CENTER			10,000	10,000	10,000	10,000	10,000
PARKS CAPITAL IMPROVEMENT FUND TOTAL			10,000	10,000	10,000	10,000	10,000
TOTAL GOVERNMENTAL FUND CAPITAL EXPENDITURES			7,391,600	2,803,200	2,506,725	1,942,950	2,547,480

CITY OF TIPP CITY - FIVE YEAR PLAN (2020-2024)

DEPT. ITEM	Year	Pg. No.	2020	2021	2022	2023	2024
ELECTRIC							
New Subdivision Development		127	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000
Line Improvements		127	60,000	60,000	60,000	60,000	60,000
69kV Line Improvements (Sub #1 to Sub #2)		128				75,000	
Substation #3 - Upgrades		128			2,000,000		
SCADA System		129	500,000				
Street Light Conversion		130	60,000	60,000	60,000	60,000	60,000
Pick-Up Truck	2010	131	50,000				
Pick-Up Truck	2012	131		50,000			
Tree Truck	2014	132			225,000		
Digger Derrick	2008	133	240,000				
Double Bucket Truck	2010	134	250,000		260,000		
Single Bucket Truck	2009	135				200,000	
1 Ton Dump Truck	2012	136				50,000	
Power Plant Removal		137	500,000				
Puller-Tensioner		138		180,000			
Equipment Trailer		139	20,000				
Chipper	2014	140					80,000
Hydraulic Hand Tools		141					20,000
Computer and Security Camera Replacements		141	10,600				
TOTAL ELECTRIC FUNDS CAPITAL OUTLAY			\$ 1,840,600	\$ 500,000	\$ 2,755,000	\$ 595,000	\$ 370,000
ELECTRIC DEBT							
Debt - Generator		120	413,000	-	-	-	-
Debt - Substation #1 Upgrades		120	407,500	398,750	390,000	381,250	372,500
TOTAL ELECTRIC FUNDS DEBT			\$ 820,500	\$ 398,750	\$ 390,000	\$ 381,250	\$ 372,500
TOTAL ELECTRIC			\$ 2,661,100	\$ 898,750	\$ 3,145,000	\$ 976,250	\$ 742,500

CITY OF TIPP CITY - FIVE YEAR PLAN (2020-2024)

DEPT. ITEM	Year	Pg. No.	2020	2021	2022	2023	2024
WATER							
Water Line Improvements		143	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000
Water Line 4" - N 4th (North to Culvert), 5th (Kilgor to Franklin)		143		40,000	470,000		
Water Line 4" - Wunderwood		144	\$ 175,000				
Water Line 4" - Amokee (Warner-Tippecanoe)		144				20,000	140,000
Tower #1 Removal		145	150,000				
Water Line 8" - S. Kinna Dr.		148	\$ 79,700				
Water/Sewer Service Center		149	500,000				
2.5 Ton Dump Truck	2006	150		75,000			
1 Ton Pick-up Truck	2008	151				25,500	
3/4 Ton Pick-up Truck	2012	152			19,000		
3/4 Ton Pick-up Truck	2013	152				19,000	
Mowers		153	10,000				
TOTAL WATER FUNDS CAPITAL OUTLAY			\$ 944,700	\$ 145,000	\$ 519,000	\$ 94,500	\$ 170,000
Debt - AMR Project		121	24,414	24,559	24,017	24,559	24,017
Debt - OPWC Loan - AMR/AMI Project		121	30,000	30,000	30,000	30,000	30,000
Debt - New Water Tower		121	93,100	92,750	90,475	89,600	84,700
Debt - OPWC Loan - Water Tower		121	21,250	21,250	21,250	21,250	21,250
Debt - Water Tower Rehab/Removal		122	55,100	53,900	52,275	20,700	-
Debt - OPWC Loan - Water Tower #4		122	120,000	120,000	120,000	120,000	120,000
Debt - OPWC Loan - Downtown Water Lines		123	11,900	11,900	11,900	11,900	11,900
Debt - Roselyn Water Line (Judith, Michael, Earl Ct.)		123	42,350	41,825	40,688	39,900	38,150
Debt - W. Walnut St		124	118,450	-	-	-	-
TOTAL WATER FUNDS DEBT			\$ 516,564	\$ 396,184	\$ 390,605	\$ 357,909	\$ 330,017
TOTAL WATER			\$ 1,461,264	\$ 541,184	\$ 909,605	\$ 452,409	\$ 500,017

CITY OF TIPP CITY - FIVE YEAR PLAN (2020-2024)

DEPT. ITEM	Year	Pg. No.	2020	2021	2022	2023	2024
SEWER							
I & I Program		146	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000
Sewer Line Improvements		146	35,000	35,000	35,000	35,000	35,000
Slipline- Amokee (Warner-Tippecanoe)		147					55,000
Slipline- N 4th(North to Park), 5th(Kilgor to Franklin)		147			51,000		
Sewer Line - S. Kinna Dr. from Main to existing		148	72,300				
Water/Sewer Service Center		149	500,000				
2.5 Ton Dump Truck	2006	150		75,000			
1 Ton Pick-up Truck	2008	151				25,500	
3/4 Ton Pick-up Truck	2012	152			19,000		
3/4 Ton Pick-up Truck	2013	152				19,000	
Mowers		153	10,000				
TOTAL SEWER FUNDS CAPITAL IMPROVEMENTS			\$ 817,300	\$ 310,000	\$ 305,000	\$ 279,500	\$ 290,000
Debt - Main Street Lift Station		124	121,000	119,500	116,250	114,000	109,000
Debt - OPWC - Downtown Sewer		125	9,800	9,800	9,800	9,800	9,800
Debt - Roselyn Sewer Line (Judith, Michael, Earl Ct.)		125	42,350	41,825	40,688	39,900	38,150
TOTAL SEWER FUNDS DEBT			\$ 173,150	\$ 171,125	\$ 166,738	\$ 163,700	\$ 156,950
TOTAL SEWER			\$ 990,450	\$ 481,125	\$ 471,738	\$ 443,200	\$ 446,950
TOTAL ENTERPRISE FUND CAPITAL IMPROVEMENT PROJECTS			\$ 5,112,814	\$ 1,921,059	\$ 4,526,343	\$ 1,871,859	\$ 1,689,467

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VEHICLE RETENTION SCHEDULE

DIVISION	CURRENT MODEL	EXPECTED LIFE	2020	2021	2022	2023
<u>FIRE/EMS</u>						
MACK	1935	Museum Piece Only				
STATION WAGON	1963	Museum Piece Only				
FORD RESCUE VEHICLE #10	1994	15	\$ 250,000			
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				
FORD EXPEDITION	2012	10				
AMBULANCE #304 - FORD	2014	8		\$ 297,000		
AMBULANCE #302 - FORD	2014	8			\$ 297,000	
CHEVY TAHOE	2017	12				
AMBULANCE #303 - HORTON	2018	8				
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				
GATOR (with Trailer)	2007	20				
GATOR (with Trailer)	2018	20				
TOTALS			\$ 250,000	\$ 352,000	\$ 297,000	\$ -

VEHICLE RETENTION SCHEDULE

DIVISION	CURRENT MODEL	EXPECTED LIFE	2020	2021	2022	2023
<u>POLICE</u>						
DARE VEHICLE	2010	10		\$ 45,000		
DET VEHICLE - FORD ESCAPE, #17	2013	7		\$ 32,750		
CHIEF'S VEHICLE-FORD TAURUS	2014	8			\$ 33,250	
FORD EXPLORER, #1	2015	5	\$ 57,750			
FORD EXPLORER, #2	2015	NOT REPLACING				
POLICE - FORD, 116 UNMARKED	2015	N/A				
FORD EXPLORER, #4	2016	5		\$ 58,000		
FORD EXPLORER, #3	2017	5			\$ 58,250	
FORD EXPLORER, #8	2017	5			\$ 58,250	
FORD EXPLORER, #5	2018	5				\$ 58,500
FORD EXPLORER, #7	2018	5				\$ 58,500
DET VEHICLE - FORD EDGE #118	2018	7				
FORD EXPLORER, #2 K9	2020	6				
CRUISER FORD EXPLORER, #6	2020	5				
DEPUTY CHIEF'S VEHICLE	2020	7	\$ 32,500			
	TOTALS		\$ 57,750	\$ 135,750	\$ 116,500	\$ 150,250

VEHICLE RETENTION SCHEDULE

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

VEHICLE RETENTION SCHEDULE

DIVISION	CURRENT MODEL	EXPECTED LIFE	2020	2021	2022	2023
<u>STREET</u>						
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				
2.5 TON DUMP W/PLOW-FREIGHTLINER	2019					
<u>EQUIPMENT</u>						
TRACLESS LEAF MACHINE	2014					
1 TON ASPHALT ROLLER	2000	15			\$ 22,000	
BACKHOE	2000	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				
MINI-EXCAVATOR (SHARED MULTI-DEPT.)	2019	15				
TOTALS			\$ -	\$ -	\$ 155,000	\$ 22,000

VEHICLE RETENTION SCHEDULE

DIVISION	CURRENT MODEL	EXPECTED LIFE	2020	2021	2022	2023
<u>ELECTRIC</u>						
FORD 3/4 TON PICK-UP #502	2008	10	\$ 50,000			
SINGLE BUCKET #503	2009	7				
INTERNATIONAL TRUCK - MODEL 430	2010		\$ 240,000			
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	10				
GMC 3/4 TON PICK-UP	2017	10				
DIGGER DERRICK #505	2019	10				
<u>EQUIPMENT</u>						
TRENCHER	1993					
CHIPPER	2008/2014					
REAR YARD MACHINE	2012					
HYDROEXCAVATOR/JET ROD COMBO	2014	15				
FORKLIFT	2015					
TOTALS			\$ 290,000	\$ 50,000	\$ 485,000	\$ 250,000

VEHICLE RETENTION SCHEDULE

DIVISION	CURRENT MODEL	EXPECTED LIFE	2020	2021	2022	2023
<u>WATER/SEWER</u>						
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					
FORD 1-TON PICK-UP	2018					
GMC 3/4 TON PICK-UP	2019					
<u>EQUIPMENT</u>						
TRACTOR (FROM PARKS DEPT.)	1993	15				
BACKHOE	2018	15				
TOTALS			\$ -	\$ 150,000	\$ 38,000	\$ 89,000

VEHICLE RETENTION SCHEDULE

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

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CAPITAL IMPROVEMENT PROJECT

PROJECT NAME: Rescue #10		PROJECT I.D. OR DEPARTMENT:		PROJECT YEARS: 2020	
TRADE-IN VALUE (IF ANY): Less than \$3,000		ESTIMATED USEFUL LIFE: 20 years		TOTAL EXPENDITURE: \$ 250,000	
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)					
2020 COSTS: \$250,000	2021 COSTS:	2022 COSTS:	2023 COSTS:	2024 COSTS:	
FUNDING SOURCE: Capital Improvement Fund					





Capital Improvement Project

PROJECT NAME: Computer Hardware/Software/Mobile Access		PROJECT I.D. OR DEPARTMENT: 17(21)-2130-01		PROJECT YEARS: 2020 & 2024
TRADE-IN VALUE (IF ANY): N/A		ESTIMATED USEFUL LIFE: 4-6 years		TOTAL EXPENDITURE: \$ 20,000
DESCRIPTION OR REQUEST (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.				
PROJECT JUSTIFICATION (explain the affect on operations: quantify savings or costs, new equipment include a cost/benefit analysis): Replacement of Existing Equipment Meet External Compliance (safety, environmental, etc.) Requirements				
PROJECT COST (If multiple phases, which year will the expenditure take place)				
2020 COSTS: \$10,000	2021 COSTS:	2022 COSTS:	2023 COSTS:	2024 COSTS: \$10,000
FUNDING SOURCE: Capital Improvement Fund				

Capital Improvement Project

PROJECT NAME: Station Upgrades HVAC Upgrade EMS Apparatus Bay		PROJECT I.D. OR DEPARTMENT:		PROJECT YEARS: 2020
TRADE-IN VALUE (IF ANY): N/A		ESTIMATED USEFUL LIFE: 20 years		TOTAL EXPENDITURE: \$ 34,000
DESCRIPTION OR REQUEST (if multiple years, include schedule for engineering, bidding, construction): Install LED lighting/Control Retrofit/Cooling System - \$6,500 Install Access Control – Central Station - \$2,500 Install HVAC System in the EMS Apparatus Bays. - \$25,000				
PROJECT JUSTIFICATION (explain the affect on operations: quantify savings or costs, new equipment include a cost/benefit analysis): HVAC - EMS equipment is negatively affected by high heat in the EMS bays, shortening equipment life. The cost to replace affected equipment exceeds \$7,500 every other year.				
PROJECT COST (If multiple phases, which year will the expenditure take place)				
2020 COSTS: \$ 34,000	2021 COSTS:	2022 COSTS:	2023 COSTS:	2024 COSTS:
FUNDING SOURCE: Capital Improvement Fund				

CAPITAL IMPROVEMENT PROJECT

PROJECT NAME: Ambulance (2 units)		PROJECT I.D.: 18-2130-01		PROJECT YEARS: 2021 & 2022	
TRADE-IN VALUE (IF ANY): 2014 vehicles anticipated to be sold on GovDeals.Com. The last ambulance sold on Govdeals brought approx. \$5,000.		ESTIMATED USEFUL LIFE: 8 years		TOTAL EXPENDITURE: \$ 594,000	
DESCRIPTION OR REQUEST (if multiple years, include schedule for engineering, bidding, construction): Replace 2014 model ambulances in 2021 & 2022. Mileage expected to be equivalent of 120,000 (including idle/run hours) at time of replacement. Power load system incorporated.					
PROJECT JUSTIFICATION (explain the affect on operations: quantify savings or costs, new equipment include a cost/benefit analysis): Replacement of Existing Equipment					
PROJECT COST (If multiple phases, which year will the expenditure take place)					
2020 COSTS:	2021 COSTS: \$297,000	2022 COSTS: 297,000	2023 COSTS:	2024 COSTS:	
FUNDING SOURCE: Capital Improvement Fund The Monroe Township EMS contract includes funding for 26% of the cost of replacement ambulances.					



CAPITAL IMPROVEMENT PROJECT

PROJECT NAME: Chief Car/Command Vehicle		PROJECT I.D.:		PROJECT YEARS: 2021 & 2024	
TRADE-IN VALUE (IF ANY): \$3,000-5,000		ESTIMATED USEFUL LIFE: 12 years		TOTAL EXPENDITURE: \$ 110,000	
DESCRIPTION: 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.					
PROJECT JUSTIFICATION: <p>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.</p> <p>The current Chief's vehicle is 18 years old with 48,715 miles. Mechanical issues noted deal primarily with age of the vehicle, suspension issues, and ongoing maintenance due to age. 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.</p>					
2020 COSTS:	2021 COSTS: \$55,000	2022 COSTS:	2023 COSTS:	2024 COSTS: \$55,000	
FUNDING SOURCE: Capital Improvement Fund					



Capital Improvement Project

PROJECT NAME: Cardiac Monitor		PROJECT I.D.: 21-2130-01		PROJECT YEARS: 2021 & 2022	
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 ten 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): Replacement of Existing Equipment Life Pac Monitors are increasing in age and the service costs are rising. New features are becoming more available and a new model will be available when Life Pac is slated for replacement.					
PROJECT COST (If multiple phases, which year will the expenditure take place)					
2020 COSTS:	2021 COSTS: \$35,000	2022 COSTS: \$35,000	2023 COSTS:	2024 COSTS:	
FUNDING SOURCE: Capital Improvement Fund					



CAPITAL IMPROVEMENT PROJECT

PROJECT NAME: SCBA Cascade/Compressor		PROJECT I.D. OR DEPARTMENT:		PROJECT YEARS: 2021	
TRADE-IN VALUE (IF ANY): Unknown		ESTIMATED USEFUL LIFE: 20 years		TOTAL EXPENDITURE: \$ 60,000	
DESCRIPTION OR REQUEST (if multiple years, include schedule for engineering, bidding, construction): Bauer units will produce air quality of CGA Grade E breathing air suitable for the Fire industry, SCUBA, Military, and Industrial use. Pure air for your SCBA, SCUBA, or Cascade System meets NFPA recommendations.					
PROJECT JUSTIFICATION (explain the affect on operations: quantify savings or costs, new equipment include a cost/benefit analysis): Equipment is at the end of useful life, 1999. Industry safety standards are not being met with current system Existing system cannot be used with newer SCBA models.					
PROJECT COST (If multiple phases, which year will the expenditure take place)					
2020 COSTS:	2021 COSTS: \$60,000	2022 COSTS:	2023 COSTS:	2024 COSTS:	
FUNDING SOURCE: 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)					
2020 COSTS:	2021 COSTS:	2022 COSTS: \$ 15,000	2023 COSTS:	2024 COSTS:	
FUNDING SOURCE: 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: 20 years		TOTAL EXPENDITURE: \$ 22,000	
DESCRIPTION: Industrial washer made specially to clean fire gear and remove contaminants from fire gear after a fire.					
PROJECT JUSTIFICATION: This purchase will replace an existing 1998 model washer to ensure continued operation to remove contaminants from fire gear after a fire response.					
PROJECT COST (If multiple phases, which year will the expenditure take place)					
2020 COSTS:	2021 COSTS:	2022 COSTS: \$ 22,000	2023 COSTS:	2024 COSTS:	
FUNDING SOURCE: Capital Improvement Fund					



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	
DESCRIPTION OR REQUEST (if multiple years, include schedule for engineering, bidding, construction): <p>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</p>					
PROJECT JUSTIFICATION (explain the affect on operations: quantify savings or costs, new equipment include a cost/benefit analysis): <p>The Fire/EMS Service anticipates the local hospitals will cease to provide/refill drug bags in the future as medications continue to become more costly and subject to greater storage and use regulations. This machine will track the pharmaceutical supplies maintained and used by the department and provide increased accountability.</p>					
PROJECT COST (If multiple phases, which year will the expenditure take place)					
2020 COSTS:	2021 COSTS:	2022 COSTS:	2023 COSTS: \$100,000	2024 COSTS:	
FUNDING SOURCE: <p>Capital Improvement Fund</p>					



Capital Improvement Project

PROJECT NAME: SIM LAB TRAINING MANNEQUINS ADULT & PEDIATRIC	PROJECT I.D.: 18-2130-01	PROJECT YEARS: 2024
TRADE-IN VALUE (IF ANY): N/A	ESTIMATED USEFUL LIFE: 10 years	TOTAL EXPENDITURE: \$ 32,000
DESCRIPTION OR REQUEST (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.		
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		
PROJECT COST (If multiple phases, which year will the expenditure take place)		
2020 COSTS:	2021 COSTS:	2022 COSTS:
		2023 COSTS:
		2024 COSTS: \$32,000
FUNDING SOURCE: Capital Improvement Fund		



Adult STAT Mannequin



Baby STAT Mannequin

Capital Improvement Project

PROJECT NAME: LUCAS 2 Automatic Chest Compression System (3 units)		PROJECT I.D.: 21-2130-01		PROJECT YEARS: 2024	
TRADE-IN VALUE (IF ANY): N/A		ESTIMATED USEFUL LIFE: 10 years		TOTAL EXPENDITURE: \$ 62,000	
DESCRIPTION OR REQUEST (if multiple years, include schedule for engineering, bidding, construction): Replace 10-year LUCAS Chest Compression Units					
PROJECT JUSTIFICATION (explain the affect on operations: quantify savings or costs, new equipment include a cost/benefit analysis): <p>Replacement of Existing Equipment</p> <p>The LUCAS® Chest Compression System is designed to help improve outcomes of sudden cardiac arrest victims and improve operations for medical responders. Performing 102 compressions per minute with a depth of 2.1", LUCAS can be deployed quickly with minimal interruption to patient care.</p>					
PROJECT COST (If multiple phases, which year will the expenditure take place)					
2020 COSTS:		2021 COSTS:		2022 COSTS:	
				2023 COSTS:	
				2024 COSTS: \$62,000	
FUNDING SOURCE: Capital Improvement Fund					



CAPITAL IMPROVEMENT PROJECT

PROJECT NAME: Engine 4		PROJECT I.D. OR DEPARTMENT:		PROJECT YEARS: 2024	
TRADE-IN VALUE (IF ANY): Less than \$5,000		ESTIMATED USEFUL LIFE: 20 years		TOTAL EXPENDITURE: \$ 650,000	
DESCRIPTION OR REQUEST (if multiple years, include schedule for engineering, bidding, construction): The apparatus is used as one of the Department's primary firefighting apparatus					
PROJECT JUSTIFICATION (explain the affect on operations: quantify savings or costs, new equipment include a cost/benefit analysis): Vehicle is at the end of useful first response life, 2003. Apparatus that pump water at fire scenes are critical to operations. Diligence in purchasing practices will assure quality apparatus as needed.					
PROJECT COST (If multiple phases, which year will the expenditure take place)					
2020 COSTS:	2021 COSTS:	2022 COSTS:	2023 COSTS:	2024 COSTS: \$650,000	
FUNDING SOURCE: Capital Improvement Fund					



Capital Improvement Project

PROJECT NAME: Power Load Cots (2 units)		PROJECT I.D.: 21-2130-01		PROJECT YEARS: 2020	
TRADE-IN VALUE (IF ANY): N/A		ESTIMATED USEFUL LIFE: 8 years		TOTAL EXPENDITURE: \$ 45,000	
DESCRIPTION OR REQUEST (if multiple years, include schedule for engineering, bidding, construction): Power assist load cots reduce the physical strain on department members and reduce the chance of injuries from physically lifting patients into and out of the ambulances. The Ohio Bureau of Worker's Compensation provided a 2019 grant to purchase one Power Load Cot unit. This request is for the City to purchase two additional units to equip all three ambulances with the same equipment. The price listed below includes both the physical cots (\$45,000) and the lift/securing equipment in the ambulances (\$55,000).					
PROJECT JUSTIFICATION (explain the affect on operations: quantify savings or costs, new equipment include a cost/benefit analysis): Provide enhanced service levels for our patients as well as providing protection to employees from potential lift injuries.					
PROJECT COST (If multiple phases, which year will the expenditure take place)					
2020 COSTS: 100,000	2021 COSTS:	2022 COSTS:	2023 COSTS:	2024 COSTS:	
FUNDING SOURCE: Capital Improvement Fund The Monroe Township EMS contract includes funding for 26% of the cost of the power cots.					



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CAPITAL IMPROVEMENT PROJECT

PROJECT NAME: Police Cruisers	PROJECT I.D. OR DEPARTMENT: Police	PROJECT YEARS: 2020-2024
TRADE-IN VALUE (IF ANY): Unknown – Replaced vehicles anticipated to be sold on GovDeals.Com	ESTIMATED USEFUL LIFE: 5 years	TOTAL EXPENDITURE: See Below
DESCRIPTION OR REQUEST (if multiple years, include schedule for engineering, bidding, construction): Replacement cruisers for existing vehicles, per 5 year retention schedule. <u>2020 Replacements</u> Cruiser #1 78,000 miles '15 Explorer (in July of 2019) Deputy Chief New Figures include the factory Ford Explorer vehicle, 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.)		
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)		
2020 COSTS: \$ 100,250	2021 COSTS: \$ 165,750	2022 COSTS: \$ 116,500
2023 COSTS: \$ 150,250		2024 COSTS: \$ 92,750
FUNDING SOURCE: Capital Improvement Fund		





CAPITAL IMPROVEMENT PROJECT

PROJECT NAME: Impound Lot		PROJECT I.D. OR DEPARTMENT: Police		PROJECT YEARS: 2021
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): To establish a City controlled impound lot. The City currently contracts with Superior Paint and Body for the storage of impounded vehicles. As part of this agreement Superior Paint and Body receives 75% of the storage fee. The cost to establish the impound lot could be recovered within 3-4 years based on historical numbers of vehicles impounded. This would remove the City's contractual liability with Superior Paint and Body and provide City control of the impounded vehicles.				
PROJECT JUSTIFICATION (explain the affect on operations: quantify savings or costs, new equipment include a cost/benefit analysis): Provides enhanced service to the City and maintains custody of vehicles in the City's care.				
PROJECT COST (If multiple phases, which year will the expenditure take place)				
2020 COSTS:	2021 COSTS: \$ 30,000	2022 COSTS:	2023 COSTS:	2024 COSTS:
FUNDING SOURCE: Capital Improvement Fund				

CAPITAL IMPROVEMENT PROJECT

PROJECT NAME: CVSA Laptop		PROJECT I.D. OR DEPARTMENT: Police		PROJECT YEARS: 2020	
TRADE-IN VALUE (IF ANY): N/A		ESTIMATED USEFUL LIFE: 8 years		TOTAL EXPENDITURE \$ 10,000	
DESCRIPTION OR REQUEST (if multiple years, include schedule for engineering, bidding, construction): Update the department's CVSA laptop which has exceeded its useful life.					
PROJECT JUSTIFICATION (explain the effect on operations: quantify savings or costs, new equipment include a cost/benefit analysis): Replaces a 10 year old Toshiba CVSA II					
PROJECT COST (If multiple phases, which year will the expenditure take place)					
2020 COSTS: \$ 10,000	2021 COSTS:	2022 COSTS:	2023 COSTS:	2024 COSTS:	
FUNDING SOURCE: Capital Improvement Fund					



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**2020-2024
PARK PROJECTS
FIVE YEAR IMPROVEMENT PLAN**

2020	\$ 15,000	Safety Surfacing & Equipment, City & Kyle Parks
	\$ 17,000	Tipp City Entrance Sign Replacements
	\$ 25,000	Neighborhood Park Improvements
	\$ 25,000	Asphalt Resurfacing – Bike Trails
	\$ 100,000	Kyle Park Restrooms
2021	\$ 15,000	Safety Surfacing & Equipment, City & Kyle Parks
	\$ 25,000	Neighborhood Park Improvements
2022	\$ 15,000	Safety Surfacing & Equipment, City & Kyle Parks
	\$ 25,000	Neighborhood Park Improvements
	\$ 50,000	Asphalt Resurfacing – Tippecanoe Family Aquatic Center
	\$ 60,000	City Park – convert electric from overhead to underground service
2023	\$ 10,000	City Park Teeball Fields Restroom Upgrades
	\$ 15,000	Safety Surfacing & Equipment, City & Kyle Parks
	\$ 25,000	Neighborhood Park Improvements
	\$ 30,000	Kyle Park soccer field playground
	\$ 30,000	Sycamore Woods Play Structure
	\$ 75,000	Parks/Streets Pole Barn

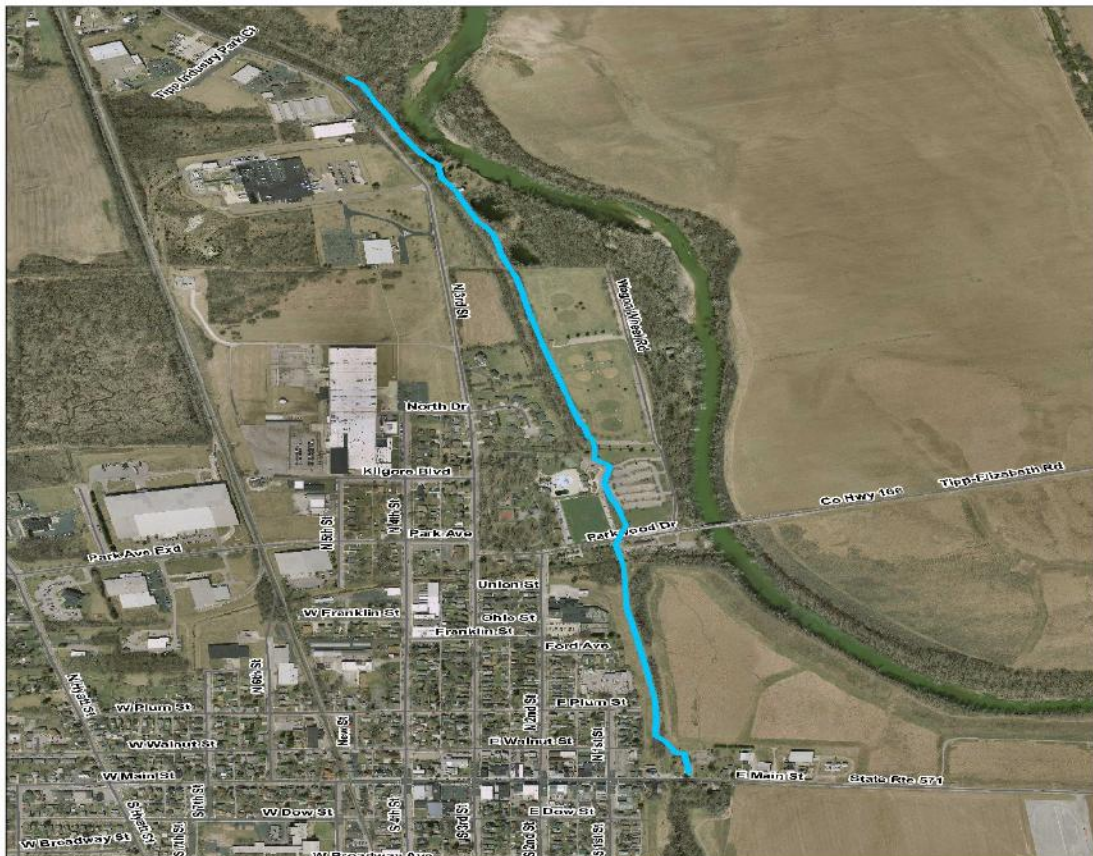
**2020-2024
PARK PROJECTS
FIVE YEAR IMPROVEMENT PLAN**

2024	\$ 10,000	Dog Park Upgrades
	\$ 15,000	Safety Surfacing & Equipment, City & Kyle Parks
	\$ 25,000	Neighborhood Park Improvements
	\$ 30,000	Nature Center Shelter
	\$ 30,000	Hathaway Park Playground Upgrade
	\$ 100,000	Pervious Parking Lot Expansion at TFAC/Stadium
	\$ 500,000	Kyle Park 2 nd Entrance (Main Street)



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)					
2020 COSTS: \$ 25,000	2021 COSTS:	2022 COSTS: \$ 50,000	2023 COSTS:	2024 COSTS:	
FUNDING SOURCE: Capital Improvement Reserve Fund					



CAPITAL IMPROVEMENT PROJECT

PROJECT NAME: Safety Surface & Equipment Improvements		PROJECT I.D. OR DEPARTMENT:		PROJECT YEARS: 2020 - 2024	
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)					
2020 COSTS: \$ 15,000	2021 COSTS: \$ 15,000	2022 COSTS: \$ 15,000	2023 COSTS: \$ 15,000	2024 COSTS: \$ 15,000	
FUNDING SOURCE: Capital Improvement Reserve Fund					





CAPITAL IMPROVEMENT PROJECT

PROJECT NAME: Neighborhood Park Improvements		PROJECT I.D. OR DEPARTMENT:		PROJECT YEARS: 2020 - 2024	
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)					
2020 COSTS: \$ 25,000	2021 COSTS: \$ 25,000	2022 COSTS: \$ 25,000	2023 COSTS: \$ 25,000	2024 COSTS: \$ 25,000	
FUNDING SOURCE: Capital Improvement Reserve Fund					

CAPITAL IMPROVEMENT PROJECT

PROJECT NAME: Tipp City Entry Signs		PROJECT I.D. OR DEPARTMENT:	PROJECT YEARS: 2020	
TRADE-IN VALUE (IF ANY): N/A		ESTIMATED USEFUL LIFE: 15 years	TOTAL EXPENDITURE: \$ 17,000	
DESCRIPTION OR REQUEST (if multiple years, include schedule for engineering, bidding, construction): Replacement of the entrance sign in Tipp City.				
PROJECT JUSTIFICATION (explain the affect on operations: quantify savings or costs, new equipment include a cost/benefit analysis): 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)				
2020 COSTS: \$ 17,000	2021 COSTS:	2022 COSTS:	2023 COSTS:	2024 COSTS:
FUNDING SOURCE Capital Improvement Fund				



CAPITAL IMPROVEMENT PROJECT

PROJECT NAME: Kyle Park Restrooms		PROJECT I.D. OR DEPARTMENT:		PROJECT YEARS: 2020, 2022	
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. Cost to include both the restroom facilities as well as sanitary sewer improvements required to pump the sanitary waste to the City's sanitary sewer system.					
PROJECT COST (If multiple phases, which year will the expenditure take place)					
2020 COSTS: \$ 50,000	2021 COSTS:	2022 COSTS: \$ 250,000	2023 COSTS:	2024 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 will include installation of ornamental lights along the walking paths (reused from other locations in City) as well as electrical connections to be used for park activities (Mum Festival, etc.).					
PROJECT COST (If multiple phases, which year will the expenditure take place)					
2020 COSTS:	2021 COSTS:	2022 COSTS: \$ 60,000	2023 COSTS:	2024 COSTS:	
FUNDING SOURCE: Capital Improvement Fund					



CAPITAL IMPROVEMENT PROJECT

PROJECT NAME: Parks/Streets Pole Barn		PROJECT I.D. OR DEPARTMENT:		PROJECT YEARS: 2023	
TRADE-IN VALUE (IF ANY): N/A		ESTIMATED USEFUL LIFE: 50 years		TOTAL EXPENDITURE: See Below	
DESCRIPTION OR REQUEST (if multiple years, include schedule for engineering, bidding, construction): Build Pole Barn behind Service Center once Parks Dept. moves into building					
PROJECT JUSTIFICATION (explain the affect on operations: quantify savings or costs, new equipment include a cost/benefit analysis): Build storage barn behind the Service Center for storage of Parks equipment and additional Street Department equipment					
PROJECT COST (If multiple phases, which year will the expenditure take place)					
2020 COSTS:	2021 COSTS:	2022 COSTS:	2023 COSTS: \$ 150,000	2024 COSTS:	
FUNDING SOURCE: Capital Improvement Fund					



CAPITAL IMPROVEMENT PROJECT

PROJECT NAME: Playground Equipment Replacement At Kyle Park & Hathaway Parks		PROJECT I.D. OR DEPARTMENT:		PROJECT YEARS: 2022-2023	
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): Replacement of playground equipment					
PROJECT JUSTIFICATION (explain the affect on operations: quantify savings or costs, new equipment include a cost/benefit analysis): The existing playground equipment is over 25 years old and is in need of replacement Replace Kyle Park Equipment – 2022 Replace Hathaway Park Equipment – 2023					
PROJECT COST (If multiple phases, which year will the expenditure take place)					
2020 COSTS:	2021 COSTS:	2022 COSTS: \$ 30,000	2023 COSTS: \$ 30,000	2024 COSTS:	
FUNDING SOURCE: Capital Improvement Fund					



CAPITAL IMPROVEMENT PROJECT

PROJECT NAME: City Park Restroom Upgrade		PROJECT I.D. OR DEPARTMENT:		PROJECT YEARS: 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): Upgrade the existing restrooms near the City Park tee ball fields					
PROJECT JUSTIFICATION (explain the affect on operations: quantify savings or costs, new equipment include a cost/benefit analysis): The restrooms in the existing building near the baseball fields in City Park have been out of service for several years. Rehabilitating these facilities will provide additional service to the park users and will eliminate or reduce the need for portable restrooms for park activities.					
PROJECT COST (If multiple phases, which year will the expenditure take place)					
2020 COSTS:	2021 COSTS:	2022 COSTS:	2023 COSTS: \$ 10,000	2024 COSTS:	
FUNDING SOURCE: Capital Improvement Fund					



CAPITAL IMPROVEMENT PROJECT

PROJECT NAME: Playground Equipment to Sycamore Woods Park		PROJECT I.D. OR DEPARTMENT:		PROJECT YEARS: 2022	
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): Add playground equipment to Sycamore Woods Park					
PROJECT JUSTIFICATION (explain the affect on operations: quantify savings or costs, new equipment include a cost/benefit analysis): The Park is currently only green space without any playground equipment.					
PROJECT COST (If multiple phases, which year will the expenditure take place)					
2020 COSTS:	2021 COSTS:	2022 COSTS: \$ 30,000	2023 COSTS:	2024 COSTS:	
FUNDING SOURCE: Capital Improvement Fund					



CAPITAL IMPROVEMENT PROJECT

PROJECT NAME: Dog Park Upgrade		PROJECT I.D. OR DEPARTMENT:		PROJECT YEARS: 2024	
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): Add equipment to dog park					
PROJECT JUSTIFICATION (explain the affect on operations: quantify savings or costs, new equipment include a cost/benefit analysis): The dog park is currently a grass only park. Would like to add features and agility obstacles for dogs					
PROJECT COST (If multiple phases, which year will the expenditure take place)					
2020 COSTS:	2021 COSTS:	2022 COSTS:	2023 COSTS:	2024 COSTS: \$ 10,000	
FUNDING SOURCE: Capital Improvement Fund					



CAPITAL IMPROVEMENT PROJECT

PROJECT NAME: Parking at Pool/Stadium site		PROJECT I.D. OR DEPARTMENT:		PROJECT YEARS: 2024	
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): Add additional pervious pavement parking spots to City Park					
PROJECT JUSTIFICATION (explain the affect on operations: quantify savings or costs, new equipment include a cost/benefit analysis): This project allows the City to add additional parking for events like Canal Music Fest, Tipp City Mum Festival, and events at the football stadium without impacting stormwater regulations.					
PROJECT COST (If multiple phases, which year will the expenditure take place)					
2020 COSTS:	2021 COSTS:	2022 COSTS:	2023 COSTS:	2024 COSTS: \$ 100,000	
FUNDING SOURCE: Capital Improvement Fund					





CAPITAL IMPROVEMENT PROJECT

PROJECT NAME: Tippecanoe Family Aquatic Center		PROJECT I.D. OR DEPARTMENT:		PROJECT YEARS: 2020 - 2022	
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): Paint and Caulk Pool Bottoms 2020 - \$45,000 Add PolySoft Splashpad Surface in 2021 - \$20,000 Replace filter sand in the competition pool in 2022 - \$4,000 to remove contaminants Paint Slide Structure/Stairs in 2023 - \$30,000					
PROJECT JUSTIFICATION (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.					
PROJECT COST (If multiple phases, which year will the expenditure take place)					
2020 COSTS: \$ 45,000	2021 COSTS: \$ 20,000	2022 COSTS: \$ 4,000	2023 COSTS: \$ 30,000	2024 COSTS:	
FUNDING SOURCE: Capital Improvement Fund					

CAPITAL IMPROVEMENT PROJECT

PROJECT NAME: Tippecanoe Family Aquatic Center Activity Pool Feature Replacement		PROJECT I.D. OR DEPARTMENT:		PROJECT YEARS: 2020 - 2022	
TRADE-IN VALUE (IF ANY): N/A		ESTIMATED USEFUL LIFE: 15 years		TOTAL EXPENDITURE: See Below	
DESCRIPTION OR REQUEST (if multiple years, include schedule for engineering, bidding, construction): Design- 2020 Construction- 2021					
PROJECT JUSTIFICATION (explain the affect on operations: quantify savings or costs, new equipment include a cost/benefit analysis): Replacement of play feature in activity Pool. Projected cost includes removal of the existing structure, engineering and regulatory approvals of the replacement structure, and the cost of the replacement structure.					
PROJECT COST (If multiple phases, which year will the expenditure take place)					
2020 COSTS: \$ 50,000	2021 COSTS:	2022 COSTS: \$ 300,000	2023 COSTS:	2024 COSTS:	
FUNDING SOURCE: Capital Improvement Fund					



CAPITAL IMPROVEMENT PROJECT

PROJECT NAME: Tippecanoe Family Aquatic Center Equipment Replacement		PROJECT I.D. OR DEPARTMENT:		PROJECT YEARS: 2020 – 2024	
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)					
2020 COSTS:	2021 COSTS:	2022 COSTS: \$ 15,000	2023 COSTS: \$ 10,000	2024 COSTS: \$ 10,000	
FUNDING SOURCE: Capital Improvement Fund					



CAPITAL IMPROVEMENT PROJECT

PROJECT NAME: TFAC Fun & Lifeguard Umbrellas		PROJECT I.D. OR DEPARTMENT:		PROJECT YEARS: 2020 - 2024	
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)					
2020 COSTS: \$ 5,000	2021 COSTS: \$ 10,000	2022 COSTS: \$ 15,000	2023 COSTS: \$ 15,000	2024 COSTS: \$ 10,000	
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)				
2020 COSTS:	2021 COSTS:	2022 COSTS:	2023 COSTS: \$ 20,000	2024 COSTS:
FUNDING SOURCE: Capital Improvement Fund				

CAPITAL IMPROVEMENT PROJECT

PROJECT NAME: TFAC Computers & Security		PROJECT I.D. OR DEPARTMENT:		PROJECT YEARS: 2020 - 2024
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)				
2020 COSTS: \$ 10,000	2021 COSTS: \$ 10,000	2022 COSTS: \$10,000	2023 COSTS: \$10,000	2024 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: 2022	
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 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)					
2020 COSTS:	2021 COSTS:	2022 COSTS: \$ 45,000	2023 COSTS:	2024 COSTS:	
FUNDING SOURCE: Capital Improvement Fund					



CAPITAL IMPROVEMENT PROJECT

PROJECT NAME: Parks Truck – 3/4 ton		PROJECT I.D. OR DEPARTMENT:		PROJECT YEARS: 2021	
TRADE-IN VALUE (IF ANY): 2005 vehicle anticipated to be sold on GovDeals.Com – similar vehicles have sold for approx. \$3,500-\$5,000.		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 Current mileage – 92,200 as of August, 2019. Body is in fair condition for a 14 year old truck. There is a noticeable drop in horsepower when the snowplow is installed.					
PROJECT COST (If multiple phases, which year will the expenditure take place)					
2020 COSTS:	2021 COSTS: \$ 27,500	2022 COSTS:	2023 COSTS:	2024 COSTS:	
FUNDING SOURCE: Capital Improvement Fund					



CAPITAL IMPROVEMENT PROJECT

PROJECT NAME: Tri-deck mowers		PROJECT I.D. OR DEPARTMENT:		PROJECT YEARS: 2021 - 2023	
TRADE-IN VALUE (IF ANY): Unknown – will be determined as mowers are replaced.		ESTIMATED USEFUL LIFE: 5 years		TOTAL EXPENDITURE: \$36,000	
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)					
2020 COSTS:	2021 COSTS: \$ 18,000	2022 COSTS:	2023 COSTS: \$ 18,000	2024 COSTS:	
FUNDING SOURCE: Capital Improvement Fund					



CAPITAL IMPROVEMENT PROJECT

PROJECT NAME: Zero Turn Trim Mowers		PROJECT I.D. OR DEPARTMENT:		PROJECT YEARS: 2020 - 2024	
TRADE-IN VALUE (IF ANY): Approx. \$5,000 trade-in value in recent years.		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)					
2020 COSTS: \$ 11,250	2021 COSTS: \$11,500	2022 COSTS: \$ 11,750	2023 COSTS: \$ 12,000	2024 COSTS: \$ 12,000	
FUNDING SOURCE: Capital Improvement Fund					



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CAPITAL IMPROVEMENT PROJECT

PROJECT NAME: Information Technology Upgrade		PROJECT I.D. OR DEPARTMENT: 03-1040-01		PROJECT YEARS: 2020-2024
TRADE-IN VALUE (IF ANY): N/A		ESTIMATED USEFUL LIFE: 4-10 years		TOTAL EXPENDITURE: See Below
DESCRIPTION OR REQUEST (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: 2020 – Upgrade Finance, Payroll, and Fixed Asset software (\$200,000)				
PROJECT JUSTIFICATION (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 2022.				
PROJECT COST (If multiple phases, which year will the expenditure take place)				
2020 COSTS: \$ 246,300	2021 COSTS: \$ 75,150	2022 COSTS: \$ 65,175	2023 COSTS: \$ 79,400	2024 COSTS: \$ 67,430
FUNDING SOURCE: Capital Improvement Fund				



CAPITAL IMPROVEMENT PROJECT

PROJECT NAME: Government Center/Community Services Improvements		PROJECT I.D. OR DEPARTMENT: 03-1040-03		PROJECT YEARS: 2020-2024	
TRADE-IN VALUE (IF ANY): N/A		ESTIMATED USEFUL LIFE: 5-20 years		TOTAL EXPENDITURE: See Below	
DESCRIPTION OR REQUEST (if multiple years, include schedule for engineering, bidding, construction): 2020: Council chamber upgrades (\$50,000), HVAC units for Government Center (\$36,000), and replace cracked heat exchangers as needed (\$5,000), 2021: New sliding front doors/entry upgrade (\$30,000), HVAC for Police Department Sally Port (\$10,000), A/C upgrades (\$16,000), and replace cracked heat exchangers as needed (\$5,000), 2022: New windows/insulation/sills (\$75,000), A/C upgrades (\$24,000), Replace exterior lighting (poles & wall units - \$10,000), Repaint interior and exterior of the PD & Government Center (\$6,000) and replace cracked heat exchangers as needed (\$5,000) 2023: Government Center - Repaint interior and exterior of the PD & Government Center (\$6,000), A/C upgrades (\$10,000), Replace industrial size water heater (\$5,000), and replace cracked heat exchangers as needed (\$5,000) Community Services Building – repaint exterior (\$15,000) 2024: Government Center – Replace carpeting (\$10,000), A/C upgrades (\$10,000), and replace cracked heat exchangers as needed (\$5,000) Community Services Building – replace three A/C units (\$28,000)					
PROJECT JUSTIFICATION (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.					
PROJECT COST (If multiple phases, which year will the expenditure take place)					
2020 COSTS: \$ 91,000	2021 COSTS: \$ 68,000	2022 COSTS: \$ 120,000	2023 COSTS: \$ 41,000	2024 COSTS: \$ 53,000	
FUNDING SOURCE: Capital Improvement Fund					

CAPITAL IMPROVEMENT PROJECT

PROJECT NAME: Police Range Building Improvements		PROJECT I.D. OR DEPARTMENT: Police		PROJECT YEARS: 2020	
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): Replace roof, gable end siding, soffit, fascia and gutters.					
PROJECT JUSTIFICATION (explain the affect on operations: quantify savings or costs, new equipment include a cost/benefit analysis): Building is in need of repair due to deterioration/wind damage.					
PROJECT COST (If multiple phases, which year will the expenditure take place)					
2020 COSTS: \$ 9,000	2021 COSTS:	2022 COSTS:	2023 COSTS:	2024 COSTS:	
FUNDING SOURCE: Capital Improvement Fund					



CAPITAL IMPROVEMENT PROJECT

PROJECT NAME: Depot Park Building Improvements		PROJECT I.D. OR DEPARTMENT: Parks		PROJECT YEARS: 2020	
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): Replace roof and paint the exterior of the building.					
PROJECT JUSTIFICATION (explain the affect on operations: quantify savings or costs, new equipment include a cost/benefit analysis): Building is in need of repair due to age, deterioration, and wind damage.					
PROJECT COST (If multiple phases, which year will the expenditure take place)					
2020 COSTS: \$ 22,000	2021 COSTS:	2022 COSTS:	2023 COSTS:	2024 COSTS:	
FUNDING SOURCE: Capital Improvement Fund					





CAPITAL IMPROVEMENT PROJECT

PROJECT NAME: Replace Copiers		PROJECT I.D. OR DEPARTMENT: 08-3140-01		PROJECT YEARS: 2021-2024	
TRADE-IN VALUE (IF ANY): N/A		ESTIMATED USEFUL LIFE: 5 years		TOTAL EXPENDITURE: \$12,000/Year	
DESCRIPTION OR REQUEST (if multiple years, include schedule for engineering, bidding, construction): Replacement of copier/scanner/fax on a five (5) year replacement schedule. 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. 2024: Replace copier used by Police Department (purchased in 2019) @ end of 60-month maintenance period.					
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)					
2020 COSTS:	2021 COSTS: \$ 12,000	2022 COSTS: \$ 12,000	2023 COSTS: \$ 12,000	2024 COSTS: \$ 12,000	
FUNDING SOURCE: Capital Improvement Fund					



CAPITAL IMPROVEMENT PROJECT

PROJECT NAME: Fiber Optic Testing & Maintenance		PROJECT I.D. OR DEPARTMENT: 15-1040-01		PROJECT YEARS: 2020-2024
TRADE-IN VALUE (IF ANY): N/A		ESTIMATED USEFUL LIFE: N/A		TOTAL EXPENDITURE: \$ 10,000/Year
DESCRIPTION OR REQUEST (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				
PROJECT JUSTIFICATION (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				
PROJECT COST (If multiple phases, which year will the expenditure take place)				
2020 COSTS: \$ 10,000	2021 COSTS: \$ 10,000	2022 COSTS: \$ 10,000	2023 COSTS: \$ 10,000	2024 COSTS: \$ 10,000
FUNDING SOURCE: Capital Improvement Fund				



CAPITAL IMPROVEMENT PROJECT

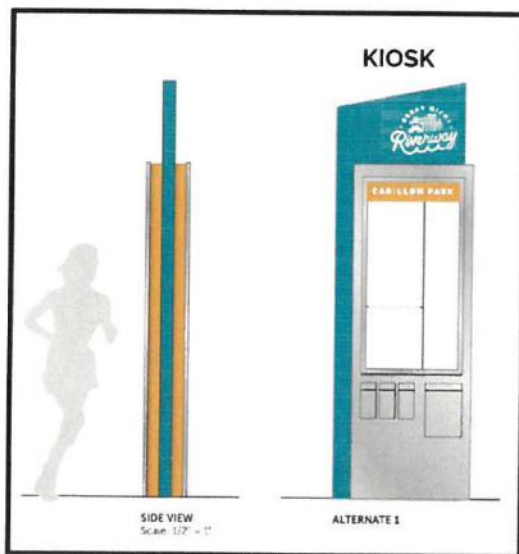
PROJECT NAME: VOIP Phone System Replacement		PROJECT I.D. OR DEPARTMENT:		PROJECT YEARS: 2020	
TRADE-IN VALUE (IF ANY): Unknown – 2015 system anticipated to be sold on GovDeals.Com		ESTIMATED USEFUL LIFE: 5 years		TOTAL EXPENDITURE: \$ 80,000	
DESCRIPTION OR REQUEST (if multiple years, include schedule for engineering, bidding, construction): Replace 2015 Voice Over Internet Protocall 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.					
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)					
2020 COSTS: \$ 80,000	2021 COSTS:	2022 COSTS:	2023 COSTS:	2024 COSTS:	
FUNDING SOURCE: Capital Improvement Fund					

CAPITAL IMPROVEMENT PROJECT

PROJECT NAME: Planimetrics		PROJECT I.D. OR DEPARTMENT:		PROJECT YEARS: 2021	
TRADE-IN VALUE (IF ANY): N/A		ESTIMATED USEFUL LIFE: 15 years		TOTAL EXPENDITURE: \$ 60,000	
DESCRIPTION OR REQUEST (if multiple years, include schedule for engineering, bidding, construction): Replace 2001 2D Planimetrics with 2D Planimetrics					
PROJECT JUSTIFICATION (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.					
PROJECT COST (If multiple phases, which year will the expenditure take place)					
2020 COSTS:	2021 COSTS: \$ 60,000	2022 COSTS:	2023 COSTS:	2024 COSTS:	
FUNDING SOURCE: Capital Improvement Fund					

CAPITAL IMPROVEMENT PROJECT

PROJECT NAME Great Miami Riverway Signage		PROJECT I.D.:		PROJECT YEARS: 2021	
DESCRIPTION: 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.					
PROJECT JUSTIFICATION: 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.					
2020 COSTS:	2021 COSTS: \$10,000	2022 COSTS:	2023 COSTS:	2024 COSTS:	
FUNDING SOURCE: Capital Improvement Fund					



CAPITAL IMPROVEMENT PROJECT

PROJECT NAME: Tornado Sirens		PROJECT I.D. OR DEPARTMENT:		PROJECT YEARS: 2021	
TRADE-IN VALUE (IF ANY): N/A		ESTIMATED USEFUL LIFE: 15 years		TOTAL EXPENDITURE: \$ 50,000	
DESCRIPTION OR REQUEST (if multiple years, include schedule for engineering, bidding, construction): Replace 2 tornado sirens					
PROJECT JUSTIFICATION (explain the affect on operations: quantify savings or costs, new equipment include a cost/benefit analysis): Tipp City replaced two of four total tornado sirens in 2019. The two replaced were inoperable or provided inconsistent service. The remaining two should be replaced in 2020 for compatibility purposes and to provide continued emergency warning service.					
PROJECT COST (If multiple phases, which year will the expenditure take place)					
2020 COSTS:	2021 COSTS: \$ 50,000	2022 COSTS:	2023 COSTS:	2024 COSTS:	
FUNDING SOURCE: Capital Improvement Fund					



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**2020-2024
STREET PROGRAM
FIVE YEAR IMPROVEMENT PLAN**

2020	\$ 680,000	Annual Asphalt Street Resurfacing – Streets will be prioritized and paving determined based on EMH&T needs assessment as well as water & sewer line upgrades or replacement.
	\$ 6,000	Upgrade Street Security Cameras
	\$ 25,000	Alley Paving
	\$ 50,000	Sidewalk Grinding or Replacement Program
	\$ 50,000	I-75 Interchange Improvements - Engineering (Exit 68)
	\$ 50,000	Railroad “Quiet Zone” Improvements - Engineering
	\$ 90,000	Stormwater & Storm Sewer Maintenance – Includes Dredging Existing Ditches
	\$ 175,000	Wunderwood Drive Expansion/Paving
	\$ 240,000	Hyatt/Park Traffic Signal Construction
	\$ 300,000	W. Plum Street Reconstruction
	\$ 450,000	Third Street Culvert Replacement
	\$ 750,000	S. Kinna Dr. extension (Main St. south to existing S. Kinna Dr.) – ODOT/JOBSoOhio Grant funding possible
	\$ 1,842,000	Main Street Streetscape (1 st St. to Bikepath) – ODOT/OPWC Funded Project
2021	\$ 1,490,000	CR25A Widening (Springmeade to Kessler-Cowlesville) – ODOT/OPWC Funded Project
	\$ 590,000	Annual Asphalt Street Resurfacing – Streets will be prioritized and paving determined based on EMH&T needs assessment as well as water & sewer line upgrades or replacement.
	\$ 50,000	Alley Paving
	\$ 50,000	Sidewalk Grinding or Replacement Program
	\$ 50,000	Stormwater & Storm Sewer Maintenance
	\$ 500,000	I-75 Interchange Improvements (Exit 68)
	\$400,000	Railroad “Quiet Zone” Improvements

**2020-2024
STREET PROGRAM
FIVE YEAR IMPROVEMENT PLAN**

2022	\$ 600,000	Annual Asphalt Street Resurfacing – Streets will be prioritized and paving determined on need.
	\$ 50,000	Alley Paving
	\$ 50,000	Sidewalk Grinding or Replacement Program
	\$ 50,000	Stormwater & Storm Sewer Maintenance
2023	\$ 750,000	Annual Asphalt Street Resurfacing – Streets will be prioritized and paving determined on need.
	\$ 75,000	Alley Paving
	\$ 50,000	Sidewalk Grinding or Replacement Program
	\$ 50,000	Stormwater & Storm Sewer Maintenance
	\$75,000	Parks/Streets Pole Barn Construction
	\$ 100,000	Broadway St. crosswalks
	\$ 200,000	Widen Wagon Wheel Drive (TFAC Entrance)
	\$ 400,000	Third Street Culvert Replacement
2024	\$ 750,000	Annual Asphalt Street Resurfacing – Streets will be prioritized and paving determined on need.
	\$ 75,000	Alley Paving
	\$ 50,000	Sidewalk Grinding or Replacement Program
	\$ 50,000	Stormwater & Storm Sewer Maintenance



CAPITAL IMPROVEMENT PROJECT

PROJECT NAME: Annual Asphalt Resurfacing Program		PROJECT I.D. OR DEPARTMENT:		PROJECT YEARS: 2020 - 2024	
TRADE-IN VALUE (IF ANY): N/A		ESTIMATED USEFUL LIFE: 20 years		TOTAL EXPENDITURE: See Below	
DESCRIPTION: <p>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.</p> <p>In 2020, \$300,000 of these funds will be used to do a complete rebuild of a small portion of West Plum Street from 6th Street west to Hyatt Street.</p> <p>In 2020, \$100,000 will be used from the State Highway Fund to repave Main Street from Garber Dr. to the railroad tracks at 5th Street. Main Street is the only State highway located within Tipp City and repaving is a permissible use of the gas tax and motor vehicle license tax monies required to be deposited to this Fund.</p> <p>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:</p> <div style="margin-left: 40px;"> \$ 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 </div>					
PROJECT JUSTIFICATION (explain the affect on operations: quantify savings or costs, new equipment include a cost/benefit analysis): <p>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.</p>					
PROJECT COST (If multiple phases, which year will the expenditure take place)					
2020 COSTS: \$ 680,000	2021 COSTS: \$ 590,000	2022 COSTS: \$ 600,000	2023 COSTS: \$ 750,000	2024 COSTS: \$ 750,000	
FUNDING SOURCE: <p>Capital Improvement Fund State Highway Fund</p>					

CAPITAL IMPROVEMENT PROJECT

PROJECT NAME: Alley Improvement Program		PROJECT I.D. OR DEPARTMENT:		PROJECT YEARS: 2020 - 2024	
TRADE-IN VALUE (IF ANY): N/A		ESTIMATED USEFUL LIFE: 20 years		TOTAL EXPENDITURE: \$ 225,000	
DESCRIPTION: Alley Paving					
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 resident's garages. This program will include surveying alleys prior to paving.					
PROJECT COST (If multiple phases, which year will the expenditure take place)					
2020 COSTS: \$ 25,000	2021 COSTS: \$ 50,000	2022 COSTS: \$ 50,000	2023 COSTS: \$ 75,000	2024 COSTS: \$ 75,000	
FUNDING SOURCE: Capital Improvement Fund					





CAPITAL IMPROVEMENT PROJECT

PROJECT NAME: Sidewalk Program		PROJECT I.D. OR DEPARTMENT:		PROJECT YEARS: 2020 - 2024
TRADE-IN VALUE (IF ANY): N/A		ESTIMATED USEFUL LIFE: 20 years		TOTAL EXPENDITURE: See Below
DESCRIPTION: Grinding or replacing deficient sidewalk throughout the community.				
PROJECT JUSTIFICATION (explain the affect on operations: quantify savings or costs, new equipment include a cost/benefit analysis): Grinding or replacing deficient sidewalk throughout the community will reduce or eliminate trip hazards providing better safety and security as well as enhanced quality of life for the City's residents who use those sidewalks for walking, running, or biking.				
PROJECT COST (If multiple phases, which year will the expenditure take place)				
2020 COSTS: \$ 50,000	2021 COSTS: \$ 50,000	2022 COSTS: \$ 50,000	2023 COSTS: \$ 50,000	2024 COSTS: \$ 50,000
FUNDING SOURCE: Capital Improvement Fund				

CAPITAL IMPROVEMENT PROJECT

PROJECT NAME: Stormwater Improvements		PROJECT I.D. OR DEPARTMENT:		PROJECT YEARS: 2020 - 2024
TRADE-IN VALUE (IF ANY): N/A		ESTIMATED USEFUL LIFE: 20 years		TOTAL EXPENDITURE: See Below
DESCRIPTION: Annual Storm Sewer Maintenance Improvements and Repairs - \$50,000 2020 includes \$40,000 for dredging of existing storm ditches				
PROJECT JUSTIFICATION (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.				
PROJECT COST (If multiple phases, which year will the expenditure take place)				
2020 COSTS: \$ 90,000	2021 COSTS: \$ 50,000	2022 COSTS: \$ 50,000	2023 COSTS: \$ 45,000	2024 COSTS: \$ 50,000
FUNDING SOURCE: Capital Improvement Fund				

CAPITAL IMPROVEMENT PROJECT

PROJECT NAME: S. Kinna Dr.		PROJECT I.D. OR DEPARTMENT:		PROJECT YEARS: 2020	
TRADE-IN VALUE (IF ANY): N/A		ESTIMATED USEFUL LIFE: N/A		TOTAL EXPENDITURE: \$ 745,000	
DESCRIPTION: Extend S. Kinna Dr. from Main St. to the existing roadway. This project anticipated to be partially funded with a \$327,000 ODOT/JOBSoOhio Grant.					
PROJECT JUSTIFICATION (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.					
PROJECT COST (If multiple phases, which year will the expenditure take place)					
2020 COSTS: \$ 745,000	2021 COSTS:	2022 COSTS:	2023 COSTS:	2023 COSTS:	
FUNDING SOURCE: 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	
DESCRIPTION: This is a complete reconstruction of a small section of Plum Street due to disrepair and inability to resurface the existing road profile.					
PROJECT JUSTIFICATION (explain the affect on operations: quantify savings or costs, new equipment include a cost/benefit analysis): 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.					
PROJECT COST (If multiple phases, which year will the expenditure take place)					
2020 COSTS: \$ 300,000	2021 COSTS:	2022 COSTS:	2023 COSTS:	2024 COSTS:	
FUNDING SOURCE: Capital Improvement Fund					



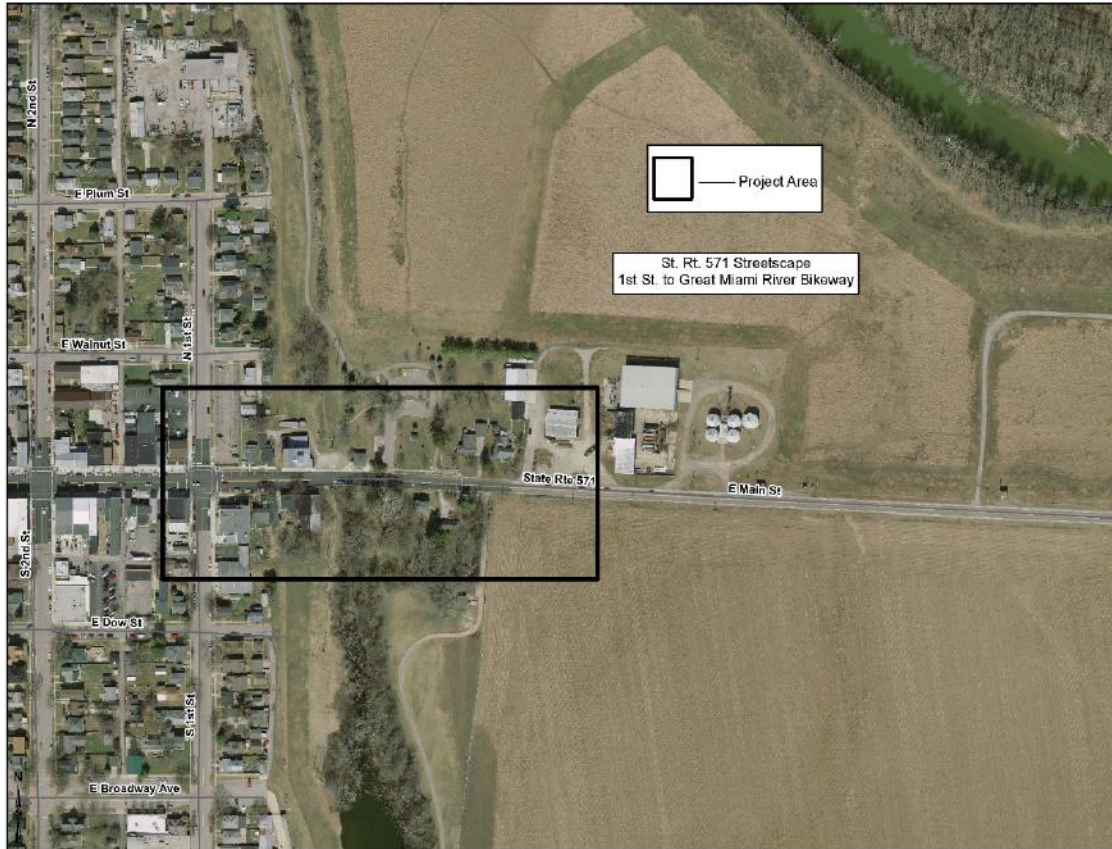


CAPITAL IMPROVEMENT PROJECT

PROJECT NAME: SR571 Streetscape (1 st >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	
DESCRIPTION: Complete StreetScape from 1 st 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.					
PROJECT JUSTIFICATION (explain the affect on operations: quantify savings or costs, new equipment include a cost/benefit analysis): 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.					
PROJECT COST (If multiple phases, which year will the expenditure take place)					
2020 COSTS: \$ 1,842,000	2021 COSTS:	2022 COSTS:	2023 COSTS:	2024 COSTS:	
FUNDING SOURCE: MVRPC - STP Grant (79%) - \$ 1,549,980 Capital Improvement Fund - \$412,020 for construction. Engineering funds will be 100% City CIP fund					

Timeline:

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



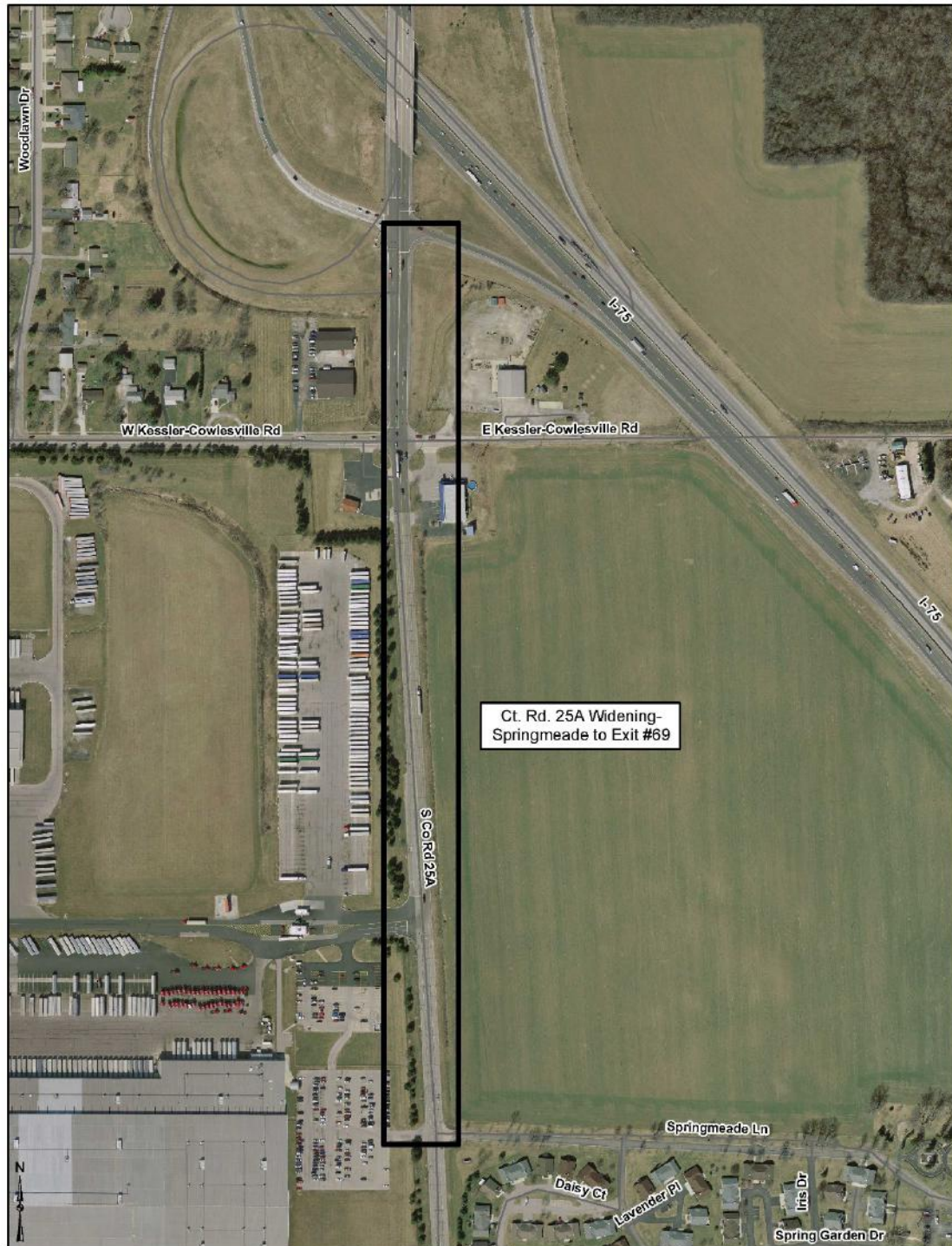


CAPITAL IMPROVEMENT PROJECT

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	
DESCRIPTION: 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 th lane, creating 4-way intersection at Meijer, street lighting, storm sewer modifications, etc. ROW needed from Knickerbocker Pool property (66' to 100' ROW).					
PROJECT JUSTIFICATION (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.					
PROJECT COST (If multiple phases, which year will the expenditure take place)					
2020 COSTS: \$ 1,490,000	2021 COSTS:	2022 COSTS:	2023 COSTS:	2024 COSTS:	
FUNDING SOURCE: MVRPC - STP Grant (79%) - \$ 1,335,100 Private Donations (Meijer & Leshner) - \$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: 3 rd Street Culvert Replacement		PROJECT I.D. OR DEPARTMENT: Streets		PROJECT YEARS: 2020	
TRADE-IN VALUE (IF ANY): N/A		ESTIMATED USEFUL LIFE: 40 years		TOTAL EXPENDITURE: \$450,000	
<p>DESCRIPTION OR REQUEST (if multiple years, include schedule for engineering, bidding, construction):</p> <p>Replace failing sections of the 3rd Street culvert. Portions of the concrete culvert walls have deteriorated to the point the rebar is visible and in some places the wood form used to pour the concrete wall is visible.</p>					
<p>PROJECT JUSTIFICATION (explain the affect on operations: quantify savings or costs, new equipment include a cost/benefit analysis):</p> <p>3rd Street is a heavily traveled roadway through Tipp City with truck traffic going to and from the industrial park on the north end of the City.</p>					
PROJECT COST (If multiple phases, which year will the expenditure take place)					
2020 COSTS: \$ 450,000	2021 COSTS:	2022 COSTS:	2023 COSTS:	2024 COSTS:	
<p>FUNDING SOURCE: Capital Improvement Fund</p>					



CAPITAL IMPROVEMENT PROJECT

PROJECT NAME: Hyatt/Park Avenue Traffic Signal		PROJECT I.D. OR DEPARTMENT:		PROJECT YEARS: 2020	
TRADE-IN VALUE (IF ANY): N/A		ESTIMATED USEFUL LIFE: 20 years		TOTAL EXPENDITURE: \$ 240,000	
DESCRIPTION: The Hyatt/Park Intersection will be constructed in 2020.					
PROJECT JUSTIFICATION (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.					
PROJECT COST (If multiple phases, which year will the expenditure take place)					
2020 COSTS: \$ 240,000	2021 COSTS:	2022 COSTS:	2023 COSTS:	2024 COSTS:	
FUNDING SOURCE: Municipal Road Fund					



CAPITAL IMPROVEMENT PROJECT

PROJECT NAME: Aquatic Center Lane Widening – Wagon Wheel Drive		PROJECT I.D. OR DEPARTMENT:		PROJECT YEARS: 2023	
TRADE-IN VALUE (IF ANY): N/A		ESTIMATED USEFUL LIFE: 20 years		TOTAL EXPENDITURE: \$ 200,000	
DESCRIPTION: 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.					
PROJECT JUSTIFICATION (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.					
PROJECT COST (If multiple phases, which year will the expenditure take place)					
2020 COSTS:	2021 COSTS:	2022 COSTS:	2023 COSTS: \$ 200,000	2024 COSTS:	
FUNDING SOURCE: Capital Improvement Fund					





CAPITAL IMPROVEMENT PROJECT

PROJECT NAME: Wunderwood Dr.		PROJECT I.D. OR DEPARTMENT:		PROJECT YEARS: 2020	
TRADE-IN VALUE (IF ANY): N/A		ESTIMATED USEFUL LIFE: N/A		TOTAL EXPENDITURE: \$ 175,000	
DESCRIPTION: 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.					
PROJECT JUSTIFICATION (explain the affect on operations: quantify savings or costs, new equipment include a cost/benefit analysis): 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.					
PROJECT COST (If multiple phases, which year will the expenditure take place)					
2020 COSTS: \$ 175,000		2021 COSTS:		2022 COSTS:	
2023 COSTS:		2024 COSTS:			
FUNDING SOURCE: Capital Improvement Fund					



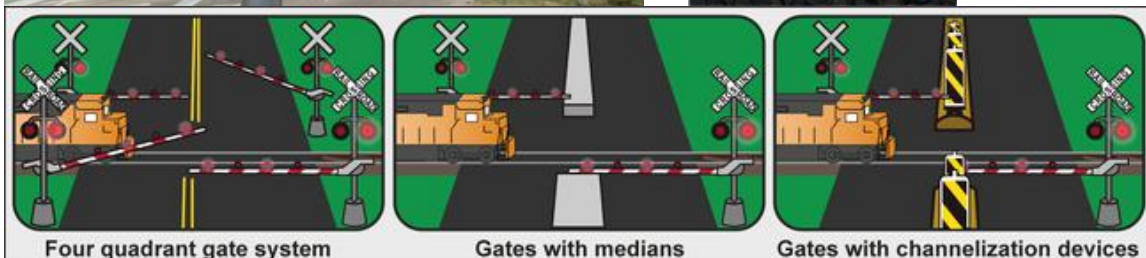
CAPITAL IMPROVEMENT PROJECT

PROJECT NAME: Exit 68 Interchange Improvement		PROJECT I.D. OR DEPARTMENT:		PROJECT YEARS: 2021-2022	
TRADE-IN VALUE (IF ANY): N/A		ESTIMATED USEFUL LIFE: N/A		TOTAL EXPENDITURE: \$ 550,000	
DESCRIPTION: Exit 68 beautification project. Engineering/Design to be started in 2020 with construction in 2021.					
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 Exit 68 leading into the City.					
PROJECT COST (If multiple phases, which year will the expenditure take place)					
2020 COSTS: \$ 50,000	2021 COSTS: \$ 500,000	2022 COSTS:	2023 COSTS:	2024 COSTS:	
FUNDING SOURCE: Capital Improvement Fund					



CAPITAL IMPROVEMENT PROJECT

PROJECT NAME: Railroad Quiet Zone Improvements		PROJECT I.D. OR DEPARTMENT: Streets		PROJECT YEARS: 2020-2021	
TRADE-IN VALUE (IF ANY): N/A		ESTIMATED USEFUL LIFE: 40 years		TOTAL EXPENDITURE: \$450,000	
DESCRIPTION OR REQUEST (if multiple years, include schedule for engineering, bidding, construction): Make signal improvements to enable Tipp City to become a "Quiet Zone" and eliminate the need for trains to use their horn when traveling through the City.					
PROJECT JUSTIFICATION (explain the affect on operations: quantify savings or costs, new equipment include a cost/benefit analysis): A local citizen's group has spearheaded this effort to reduce noise pollution throughout the City and make the City a quieter, more pleasant community in which to reside.					
PROJECT COST (If multiple phases, which year will the expenditure take place)					
2020 COSTS: \$ 50,000	2021 COSTS: \$ 400,000	2022 COSTS:	2023 COSTS:	2024 COSTS:	
FUNDING SOURCE: Capital Improvement Fund					



Source: GAO. | GAO-18-97

CAPITAL IMPROVEMENT PROJECT

PROJECT NAME: Broadway Street Crosswalks		PROJECT I.D. OR DEPARTMENT: Streets		PROJECT YEARS: 2024	
TRADE-IN VALUE (IF ANY): N/A		ESTIMATED USEFUL LIFE: 40 years		TOTAL EXPENDITURE: \$100,000	
DESCRIPTION OR REQUEST (if multiple years, include schedule for engineering, bidding, construction): Replace broken decorative concrete/brick pavers in the crosswalks on Broadway Street east of the railroad tracks.					
PROJECT JUSTIFICATION (explain the affect on operations: quantify savings or costs, new equipment include a cost/benefit analysis): Broadway Street east of the railroad tracks has decorative concrete/brick paver crosswalks. The concrete work and some of the brick pavers are breaking up due to the heavy volume of traffic on Broadway. This project would remove the broken up concrete and brick pavers and replace with a new decorative finish (stamped asphalt or stamped concrete). Picture below is a stamped asphalt product.					
PROJECT COST (If multiple phases, which year will the expenditure take place)					
2020 COSTS:	2021 COSTS:	2022 COSTS:	2023 COSTS:	2024 COSTS: \$ 100,000	
FUNDING SOURCE: Capital Improvement Fund					



CAPITAL IMPROVEMENT PROJECT

PROJECT NAME: Street Truck – 1 Ton		PROJECT I.D. OR DEPARTMENT:		PROJECT YEARS: 2021	
TRADE-IN VALUE (IF ANY): 2007 vehicle anticipated to be sold on GovDeals.Com – no prior comparable sales to estimate value.		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. Current mileage – 23,850 as of August, 2019. Truck has an exhaust manifold issue that will be expensive to repair. The dump bed is starting to show rust. Body is in fair condition for a 12 year old truck.					
PROJECT COST (If multiple phases, which year will the expenditure take place)					
2020 COSTS:	2021 COSTS: \$45,000	2022 COSTS:	2023 COSTS:	2024 COSTS:	
FUNDING SOURCE: Capital Improvement Fund					



CAPITAL IMPROVEMENT PROJECT

PROJECT NAME: Street Truck – 3/4 ton		PROJECT I.D. OR DEPARTMENT:		PROJECT YEARS: 2020, 2024	
TRADE-IN VALUE (IF ANY): 2007 vehicle anticipated to be sold on GovDeals.Com – similar vehicles have sold for \$3,500-\$5,000.		ESTIMATED USEFUL LIFE: 10 years		TOTAL EXPENDITURE: \$ 70,000	
DESCRIPTION: Replace 2007 Pick-up Truck in 2020, (10 year rotation goal). Replace 2012 Pick-up Truck in 2024, (10 year rotation goal).					
PROJECT JUSTIFICATION (explain the affect on operations: quantify savings or costs, new equipment include a cost/benefit analysis): Replacement of Existing Equipment 2007 pickup - Mileage is 58,960 as of August, 2019. Truck is in overall good condition, but the bed is starting to rust through. No major mechanical issues at this time.					
PROJECT COST (If multiple phases, which year will the expenditure take place)					
2020 COSTS:	2021 COSTS: \$ 35,000	2022 COSTS:	2023 COSTS:	2024 COSTS: \$ 35,000	
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)					
2020 COSTS:	2021 COSTS:	2022 COSTS: \$ 155,000	2023 COSTS:	2024 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					
PROJECT COST (If multiple phases, which year will the expenditure take place)					
2020 COSTS:	2021 COSTS:	2022 COSTS:	2023 COSTS: \$ 22,000	2024 COSTS:	
FUNDING SOURCE: Capital Improvement Fund					



CAPITAL IMPROVEMENT PROJECT

PROJECT NAME: Street Truck – 2.5 Ton (Snowplow)		PROJECT I.D. OR DEPARTMENT:		PROJECT YEARS: 2024	
TRADE-IN VALUE (IF ANY): Unknown – 2007 vehicle anticipated to be sold on GovDeals.Com		ESTIMATED USEFUL LIFE: 10 years		TOTAL EXPENDITURE: \$ 175,000	
DESCRIPTION: Replace 2006 International 2.5 Ton (Snowplow) Truck.					
PROJECT JUSTIFICATION (explain the affect on operations: quantify savings or costs, new equipment include a cost/benefit analysis): Scheduled replacement of one of the trucks used for snow removal/salt application during winter storm events.					
PROJECT COST (If multiple phases, which year will the expenditure take place)					
2020 COSTS:	2021 COSTS:	2022 COSTS:	2023 COSTS:	2024 COSTS: \$ 175,000	
FUNDING SOURCE: Capital Improvement Fund					



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CAPITAL IMPROVEMENT PROJECT

PROJECT NAME: Debt- County Road 25A (SR571 to Meijers)		PROJECT I.D.: 04-6200-01	PROJECT YEARS: 2020	
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 to retire notes issued originally for \$550,000 for costs of construction of County Road 25A.				
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)				
2020 COSTS: \$ 102,500	2021 COSTS:	2022 COSTS:	2023 COSTS:	2024 COSTS:
FUNDING SOURCE: Capital Improvement Fund				

CAPITAL IMPROVEMENT PROJECT

PROJECT NAME: Debt- Donn Davis Way (City Share)		PROJECT I.D.: 05-6200-01	PROJECT YEARS: 2020-2024	
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 bonds issued on 5-1-2004 to finance the city share of the Donn Davis Way Project.				
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)				
2020 COSTS: \$ 68,725	2021 COSTS: \$ 71,250	2022 COSTS: \$ 68,550	2023 COSTS: \$ 70,850	2024 COSTS: \$ 67,925
FUNDING SOURCE: Special Assessment Debt Fund				



CAPITAL IMPROVEMENT PROJECT

PROJECT NAME: Debt- Aerial Ladder Truck		PROJECT I.D.:		PROJECT YEARS: 2020
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 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.				
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)				
2020 COSTS: \$ 82,000	2021 COSTS:	2022 COSTS:	2023 COSTS:	2024 COSTS:
FUNDING SOURCE: Capital Improvement Fund				



CAPITAL IMPROVEMENT PROJECT

PROJECT NAME: Debt – Downtown Utility/Streetscape Project		PROJECT I.D.:		PROJECT YEARS: 2018-2022	
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 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 and Sewer Fund debt service will be scheduled in those sections.					
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)					
2020 COSTS: \$ 89,300	2021 COSTS: \$ 48,300	2022 COSTS: \$ 48,300	2023 COSTS: \$ 48,300	2024 COSTS: \$ 48,300	
FUNDING SOURCE: Capital Improvement Fund					



CAPITAL IMPROVEMENT PROJECT

PROJECT NAME: Generator Debt		PROJECT I.D.:		PROJECT YEARS: 2020	
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 purchase of the NAWA power generator. This cost is passed through to NAWA.					
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)					
2020 COSTS: \$ 413,000	2021 COSTS:	2022 COSTS:	2023 COSTS:	2024 COSTS:	
FUNDING SOURCE: Electric Fund					

CAPITAL IMPROVEMENT PROJECT

PROJECT NAME: Debt- Substation #1/#1A/#2		PROJECT I.D.:		PROJECT YEARS: 2020-2024	
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 upgrades and improvements to substation #1. Assumes bonds to be issued for \$3,500,000 for 20 years at 5.0% 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)					
2020 COSTS: \$ 407,500	2021 COSTS: \$ 398,750	2022 COSTS: \$ 390,000	2023 COSTS: \$ 381,250	2024 COSTS: \$ 372,500	
FUNDING SOURCE: Electric Fund					



CAPITAL IMPROVEMENT PROJECT

PROJECT NAME: Debt- Automatic Meter Read		PROJECT I.D.: 09-5300-D02		PROJECT YEARS: 2020-2024	
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 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.					
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)					
2020 COSTS: \$ 54,414	2021 COSTS: \$ 54,559	2022 COSTS: \$ 54,017	2023 COSTS: \$ 54,559	2024 COSTS: \$ 54,017	
FUNDING SOURCE: Water Fund					

CAPITAL IMPROVEMENT PROJECT

PROJECT NAME: Debt- New Tower to Replace Bowman Ave. Tank		PROJECT I.D.: 10-5300-D01		PROJECT YEARS: 2019-2024	
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 construction of a new one million gallon tower off Donn Davis Way. Assumes bonds to be issued for \$700,000 for 20 years at an average interest rate of 4.00%. Also includes debt service on a \$425,000, 0% interest loan from OPWC.					
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)					
2020 COSTS: \$ 114,350	2021 COSTS: \$ 114,000	2022 COSTS: \$ 111,725	2023 COSTS: \$ 110,850	2024 COSTS: \$ 105,950	
FUNDING SOURCE: Water Fund					



CAPITAL IMPROVEMENT PROJECT

PROJECT NAME: Debt- Harmony Dr. Water Tower Painting/Bowman Ave Tank Removal		PROJECT I.D.:		PROJECT YEARS: 2020-2023	
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)					
2020 COSTS: \$ 55,100	2021 COSTS: \$ 53,900	2022 COSTS: \$ 52,275	2023 COSTS: \$ 20,700	2024 COSTS:	
FUNDING SOURCE: Water Fund					

CAPITAL IMPROVEMENT PROJECT

PROJECT NAME: Debt- Tower #4		PROJECT I.D.:		PROJECT YEARS: 2020-2024	
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)					
2020 COSTS: \$ 120,000	2021 COSTS: \$ 120,000	2022 COSTS: \$ 120,000	2023 COSTS: \$ 120,000	2024 COSTS: \$ 120,000	
FUNDING SOURCE: Water Fund					



CAPITAL IMPROVEMENT PROJECT

PROJECT NAME: Debt- Downtown Utilities Replacement		PROJECT I.D.: 10-5300-D03		PROJECT YEARS: 2020-2024	
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 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.					
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)					
2020 COSTS: \$ 11,900		2021 COSTS: \$ 11,900		2022 COSTS: \$ 11,900	
		2023 COSTS: \$ 11,900		2024 COSTS: \$ 11,900	
FUNDING SOURCE: Water Fund					

CAPITAL IMPROVEMENT PROJECT

PROJECT NAME: Debt- Judith, Michael, Earl Water line Rep.		PROJECT I.D.:		PROJECT YEARS: 2020-2024	
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 \$550,000 for 10 years at an average interest rate of 4.0% for the replacement of water lines in the Roselyn subdivision.					
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)					
2020 COSTS: \$ 42,350		2021 COSTS: \$ 41,825		2022 COSTS: \$ 40,688	
		2023 COSTS: \$ 39,900		2024 COSTS: \$ 38,150	
FUNDING SOURCE: Water Fund					



CAPITAL IMPROVEMENT PROJECT

PROJECT NAME: Debt- West Walnut Street Water Line Rep.		PROJECT I.D.:	PROJECT YEARS: 2020	
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)				
2020 COSTS: \$ 118,450	2021 COSTS:	2022 COSTS:	2023 COSTS:	2024 COSTS:
FUNDING SOURCE: Water Fund				

CAPITAL IMPROVEMENT PROJECT

PROJECT NAME: Debt-Main Street Lift Station		PROJECT I.D.:	PROJECT YEARS: 2020-2024	
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 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%.				
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)				
2020 COSTS: \$ 121,000	2021 COSTS: \$ 119,500	2022 COSTS: \$ 116,250	2023 COSTS: \$ 114,000	2024 COSTS: \$ 109,000
FUNDING SOURCE: Sewer Fund				



CAPITAL IMPROVEMENT PROJECT

PROJECT NAME: Debt- Downtown Sewer Line Replacement		PROJECT I.D.: 13-5300-D01		PROJECT YEARS: 2018-2022	
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 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.					
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)					
2020 COSTS: \$ 9,800		2021 COSTS: \$ 9,800		2022 COSTS: \$ 9,800	
		2023 COSTS: \$ 9,800		2024 COSTS: \$ 9,800	
FUNDING SOURCE: Sewer Fund					

CAPITAL IMPROVEMENT PROJECT

PROJECT NAME: Debt- Judith, Michael, Earl Sewer Line Replacement		PROJECT I.D.: 14-5300-D01		PROJECT YEARS: 2020-2024	
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 \$550,000 for 10 years at an average interest rate of 4.0% for the replacement of sewer lines in the Roselyn subdivision.					
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)					
2020 COSTS: \$ 42,350		2021 COSTS: \$ 41,825		2022 COSTS: \$ 40,688	
		2023 COSTS: \$ 39,900		2024 COSTS: \$ 38,150	
FUNDING SOURCE: Sewer Fund					

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CAPITAL IMPROVEMENT PROJECT

PROJECT NAME: New Subdivision Line Extensions		PROJECT I.D. OR DEPARTMENT:		PROJECT YEARS: 2020-2024
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): Provision of electric service to new residential development within the City and/or immediately surrounding area.				
PROJECT COST (If multiple phases, which year will the expenditure take place)				
2020 COSTS: \$ 150,000	2021 COSTS: \$ 150,000	2022 COSTS: \$ 150,000	2023 COSTS: \$ 150,000	2024 COSTS: \$ 150,000
FUNDING SOURCE: Electric Fund				

CAPITAL IMPROVEMENT PROJECT

PROJECT NAME: Line Improvements/New Development		PROJECT I.D. OR DEPARTMENT:		PROJECT YEARS: 2020-2024
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. These are those line improvements necessary for enhanced operations which do not fit within a clearly defined residential subdivision as noted above.				
PROJECT JUSTIFICATION (explain the affect on operations: quantify savings or costs, new equipment include a cost/benefit analysis): To provide enhancements to the electric service provided throughout the Electric Department service area which is not within a clearly defined residential subdivision.				
PROJECT COST (If multiple phases, which year will the expenditure take place)				
2020 COSTS: \$ 60,000	2021 COSTS: \$ 60,000	2022 COSTS: \$ 60,000	2023 COSTS: \$ 60,000	2024 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): To ensure continued service to Substation #2.				
PROJECT COST (If multiple phases, which year will the expenditure take place)				
2020 COSTS:	2021 COSTS:	2022 COSTS:	2023 COSTS: \$ 75,000	2024 COSTS:
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): To provide for continued growth and development west of the freeway.				
PROJECT COST (If multiple phases, which year will the expenditure take place)				
2020 COSTS:	2021 COSTS:	2022 COSTS: \$ 2,000,000	2023 COSTS:	2024 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
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): SCADA controls will enable remote monitoring and operation of the electric system including monitoring for outages and will enhance the Department's ability to locate and resolve system problems more rapidly.				
PROJECT COST (If multiple phases, which year will the expenditure take place)				
2020 COSTS: \$ 500,000	2021 COSTS:	2022 COSTS:	2023 COSTS:	2024 COSTS:
FUNDING SOURCE: Electric Fund				

CAPITAL IMPROVEMENT PROJECT

PROJECT NAME: Street Light Conversion		PROJECT I.D. OR DEPARTMENT:		PROJECT YEARS: 2020-2024	
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 to provide better service and to reduce electric consumption used in the existing street lighting system.					
PROJECT COST (If multiple phases, which year will the expenditure take place)					
2020 COSTS: \$ 60,000	2021 COSTS: \$ 60,000	2022 COSTS: \$ 60,000	2023 COSTS: \$ 60,000	2024 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): Vehicles anticipated to be sold on GovDeals.Com – comparable vehicles have sold for approx. \$3,500-\$5,000.		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): Replacement of Existing Equipment 2010 Pick-up Truck: August, 2019 Mileage – 67,993 Truck is in fair condition				
PROJECT COST (If multiple phases, which year will the expenditure take place)				
2020 COSTS \$ 50,000	2021 COSTS \$ 50,000	2022 COSTS	2023 COSTS	2024 COSTS
FUNDING SOURCE Electric Fund				



CAPITAL IMPROVEMENT PROJECT

PROJECT NAME 504 Tree Truck		PROJECT ID OR DEPARTMENT:	PROJECT YEARS 2022	
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)				
2020 COSTS	2021 COSTS	2022 COSTS \$ 225,000	2023 COSTS	2024 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): Replacement of Existing Equipment August, 2019 Mileage – 7,893 August, 2019 Hours – 1,036 Truck is past the manufacturer's recommended replacement schedule.		
PROJECT COST (If multiple phases, which year will the expenditure take place)		
2020 COSTS \$ 240,000	2021 COSTS	2022 COSTS
2023 COSTS	2024 COSTS	
FUNDING SOURCE Electric Fund		



CAPITAL IMPROVEMENT PROJECT

PROJECT NAME: Truck - Double Bucket #507		PROJECT I.D. OR DEPARTMENT:		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 Double Bucket Truck in 2022					
PROJECT JUSTIFICATION (explain the affect on operations: quantify savings or costs, new equipment include a cost/benefit analysis): Replacement of Existing Equipment 2010 Truck: August, 2019 Mileage – 7,893 August, 2019 Hours – 1,036 Truck is past the manufacturer's recommended replacement schedule.					
PROJECT COST (If multiple phases, which year will the expenditure take place)					
2020 COSTS: \$ 250,000		2021 COSTS:		2022 COSTS: \$ 260,000	
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)					
2020 COSTS:	2021 COSTS:	2022 COSTS:	2023 COSTS: \$ 200,000	2024 COSTS:	
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)					
2020 COSTS:	2021 COSTS:	2022 COSTS:	2023 COSTS: \$ 50,000	2024 COSTS:	
FUNDING SOURCE: Electric Fund					





CAPITAL IMPROVEMENT PROJECT

PROJECT NAME: Power Plant Demolition		PROJECT I.D. OR DEPARTMENT:		PROJECT YEARS: 2020
TRADE-IN VALUE (IF ANY): N/A		ESTIMATED USEFUL LIFE: N/A		TOTAL EXPENDITURE: \$ 500,000
DESCRIPTION OR REQUEST (if multiple years, include schedule for engineering, bidding, construction): 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. Demolition Project will be bid out in 2019 to firm up cost to demolish the building.				
PROJECT COST (If multiple phases, which year will the expenditure take place)				
2020 COSTS: \$500,000	2021 COSTS:	2022 COSTS:	2023 COSTS:	2024 COSTS:
FUNDING SOURCE: Electric Fund				

CAPITAL IMPROVEMENT PROJECT

PROJECT NAME: Puller/Tensioner Replacement		PROJECT I.D. OR DEPARTMENT:		PROJECT YEARS: 2021	
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)					
2020 COSTS:	2021 COSTS: \$180,000	2022 COSTS:	2023 COSTS:	2024 COSTS:	
FUNDING SOURCE: Electric Fund					



CAPITAL IMPROVEMENT PROJECT

PROJECT NAME: Equipment Trailer		PROJECT I.D. OR DEPARTMENT:		PROJECT YEARS: 2020	
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)					
2020 COSTS: \$ 20,000	2021 COSTS:	2022 COSTS:	2023 COSTS:	2024 COSTS:	
FUNDING SOURCE: Electric Fund					



CAPITAL IMPROVEMENT PROJECT

PROJECT NAME: Chipper		PROJECT I.D. OR DEPARTMENT:		PROJECT YEARS: 2024	
TRADE-IN VALUE (IF ANY): Approx. \$5,000		ESTIMATED USEFUL LIFE: 15 years		TOTAL EXPENDITURE: \$ 80,000	
DESCRIPTION OR REQUEST (if multiple years, include schedule for engineering, bidding, construction): Replace 2014 Chipper.					
PROJECT JUSTIFICATION (explain the affect on operations: quantify savings or costs, new equipment include a cost/benefit analysis): The Electric Department chipper's are used year-round in varying weather conditions for line clearing and maintenance.					
PROJECT COST (If multiple phases, which year will the expenditure take place)					
2020 COSTS:	2021 COSTS:	2022 COSTS:	2023 COSTS:	2024 COSTS: \$ 80,000	
FUNDING SOURCE: Electric Fund					





CAPITAL IMPROVEMENT PROJECT

PROJECT NAME: Computer and Security Camera Replacements		PROJECT I.D. OR DEPARTMENT:		PROJECT YEARS: 2020
TRADE-IN VALUE (IF ANY): N/A		ESTIMATED USEFUL LIFE: 4-5 Years		TOTAL EXPENDITURE: \$ 10,600/Year
DESCRIPTION OR REQUEST (if multiple years, include schedule for engineering, bidding, construction): Replacement of computers used by the Electric Department as well as security cameras at the Electric Service Center and various substations.				
PROJECT JUSTIFICATION (explain the affect on operations: quantify savings or costs, new equipment include a cost/benefit analysis): Periodic replacement of computers used in the daily operations of the department (4-5 year life) and security cameras used for observation and protection of department assets.				
PROJECT COST (If multiple phases, which year will the expenditure take place)				
2020 COSTS: \$ 10,600	2021 COSTS:	2022 COSTS:	2023 COSTS:	2024 COSTS:
FUNDING SOURCE: Electric Fund				

CAPITAL IMPROVEMENT PROJECT

PROJECT NAME: Hydraulic Hand Tools		PROJECT I.D. OR DEPARTMENT:		PROJECT YEARS: 2024
TRADE-IN VALUE (IF ANY): N/A		ESTIMATED USEFUL LIFE: 10 Years		TOTAL EXPENDITURE: \$ 20,000
DESCRIPTION OR REQUEST (if multiple years, include schedule for engineering, bidding, construction): Replace existing hydraulic hand tools used for electric line installation, maintenance, and repair.				
PROJECT JUSTIFICATION (explain the affect on operations: quantify savings or costs, new equipment include a cost/benefit analysis): These hydraulic tools are used on an almost daily basis for the installation, maintenance, and repair of the City's electric system infrastructure. They are in need of replacement from daily wear and tear.				
PROJECT COST (If multiple phases, which year will the expenditure take place)				
2020 COSTS:	2021 COSTS:	2022 COSTS:	2023 COSTS:	2024 COSTS: \$ 20,000
FUNDING SOURCE: Electric Fund				

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CAPITAL IMPROVEMENT PROJECT

PROJECT NAME: Water Line Improvements		PROJECT I.D. OR DEPARTMENT:		PROJECT YEARS: 2020-2024
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)				
2020 COSTS: \$ 30,000	2021 COSTS: \$ 30,000	2022 COSTS: \$ 30,000	2023 COSTS: \$ 30,000	2024 COSTS: \$ 30,000
FUNDING SOURCE Water Fund				

CAPITAL IMPROVEMENT PROJECT

PROJECT NAME: Water Line Replacement Projects		PROJECT I.D. OR DEPARTMENT:		PROJECT YEARS: 2021-2022
TRADE-IN VALUE (IF ANY): N/A		ESTIMATED USEFUL LIFE: 100 years		TOTAL EXPENDITURE: \$ 510,000
DESCRIPTION OR REQUEST (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 th (North to Culvert), 5 th (Kilgore to Franklin) – \$40,000 2022 – Construction - North 4 th (North to Culvert), 5 th (Kilgore to Franklin) – 2700' x \$175 = \$470,000				
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)				
2020 COSTS:	2021 COSTS: \$40,000	2022 COSTS: \$470,000	2023 COSTS:	2024 COSTS:
FUNDING SOURCE Water Fund				



CAPITAL IMPROVEMENT PROJECT

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
DESCRIPTION OR REQUEST (if multiple years, include schedule for engineering, bidding, construction): Install new Water Main on Wunderwood Drive.				
PROJECT JUSTIFICATION (explain the affect on operations: quantify savings or costs, new equipment include a cost/benefit analysis): Replace existing transite water main.				
PROJECT COST (If multiple phases, which year will the expenditure take place)				
2020 COSTS: \$ 175,000	2021 COSTS:	2022 COSTS:	2023 COSTS:	2024 COSTS:
FUNDING SOURCE: 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)				
2020 COSTS:	2021 COSTS:	2022 COSTS:	2023 COSTS: \$20,000	2024 COSTS: \$140,000
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: \$ 150,000
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)				
2020 COSTS: \$ 150,000	2021 COSTS:	2022 COSTS:	2023 COSTS:	2024 COSTS:
FUNDING SOURCE: Water Fund				



CAPITAL IMPROVEMENT PROJECT

PROJECT NAME: Inflow and Infiltration Program		PROJECT I.D. OR DEPARTMENT:		PROJECT YEARS: 2020-2024
TRADE-IN VALUE (IF ANY): N/A		ESTIMATED USEFUL LIFE: 40 years		TOTAL EXPENDITURE: \$ 100,000/Year
DESCRIPTION OR REQUEST (if multiple years, include schedule for engineering, bidding, construction): Elimination of sources of inflow and infiltration from the sewer system.				
PROJECT JUSTIFICATION (explain the affect on operations: quantify savings or costs, new equipment include a cost/benefit analysis): Reduce clean water entering the sanitary sewer system to reduce flows, increase capacity, and reduce costs at the wastewater treatment plant.				
PROJECT COST (If multiple phases, which year will the expenditure take place)				
2020 COSTS: \$ 200,000	2021 COSTS: \$ 200,000	2022 COSTS: \$ 200,000	2023 COSTS: \$ 200,000	2024 COSTS: \$ 200,000
FUNDING SOURCE: Sewer Fund Tri-Cities Regional Wastewater Authority (TCA)				

CAPITAL IMPROVEMENT PROJECT

PROJECT NAME: Sewer Line Improvements		PROJECT I.D. OR DEPARTMENT:		PROJECT YEARS: 2020-2024
TRADE-IN VALUE (IF ANY): N/A		ESTIMATED USEFUL LIFE: 40 years		TOTAL EXPENDITURE: \$ 35,000/Year
DESCRIPTION OR REQUEST (if multiple years, include schedule for engineering, bidding, construction): Maintain and upgrade present sewer system (\$35,000 annually).				
PROJECT JUSTIFICATION (explain the affect on operations: quantify savings or costs, new equipment include a cost/benefit analysis): Scheduled maintenance of existing sanitary sewer infrastructure.				
PROJECT COST (If multiple phases, which year will the expenditure take place)				
2020 COSTS: \$ 35,000	2021 COSTS: \$ 35,000	2022 COSTS: \$ 35,000	2023 COSTS: \$ 35,000	2024 COSTS: \$ 35,000
FUNDING SOURCE: Sewer Fund				

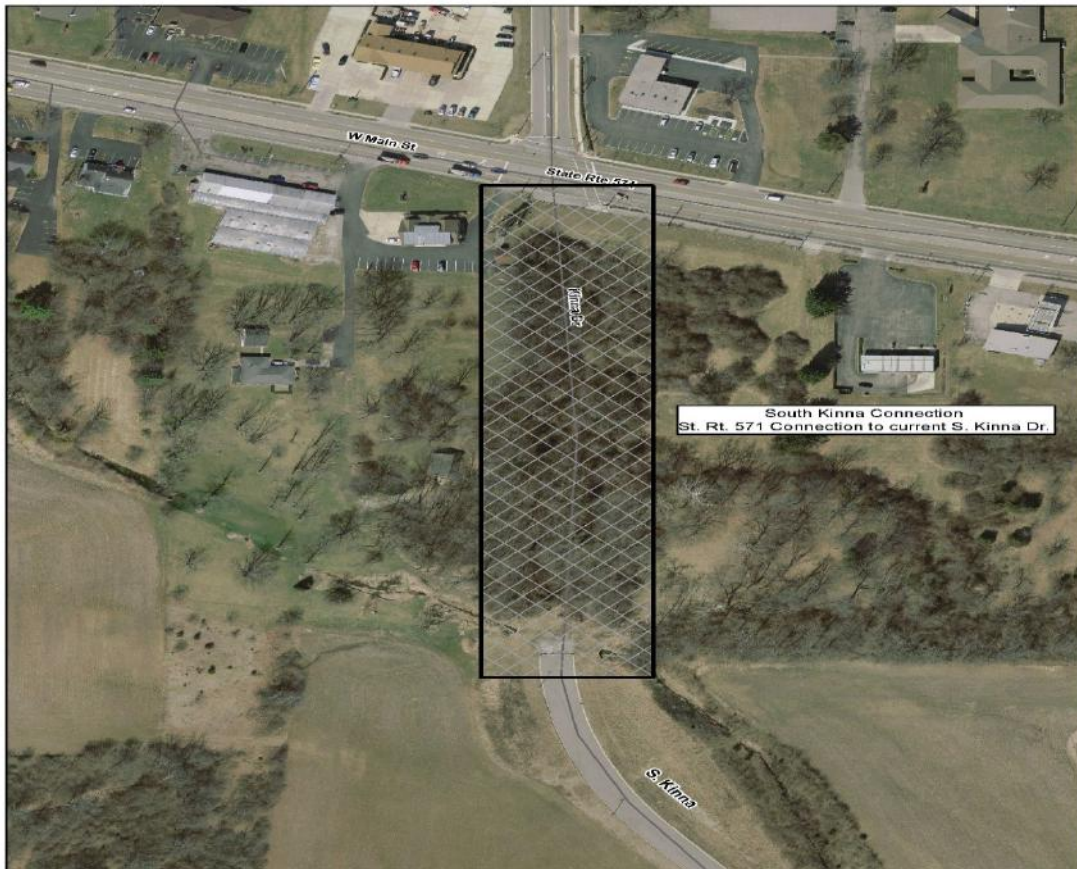


CAPITAL IMPROVEMENT PROJECT

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 th (Kilgor to Culvert) - \$51,000 2024 – Amokee (Warner to Tippecanoe) - \$55,000					
PROJECT JUSTIFICATION (explain the affect on operations: quantify savings or costs, new equipment include a cost/benefit analysis): Sliplining projects rehabilitate older, leaking sanitary sewer lines to reduce clean water entering the sanitary sewer system. This reduces flows, increases capacity, and can reduce costs at the wastewater treatment plant.					
PROJECT COST (If multiple phases, which year will the expenditure take place)					
2020 COSTS:	2021 COSTS:	2022 COSTS: \$ 51,000	2023 COSTS:	2024 COSTS: \$ 55,000	
FUNDING SOURCE: Sewer Fund					

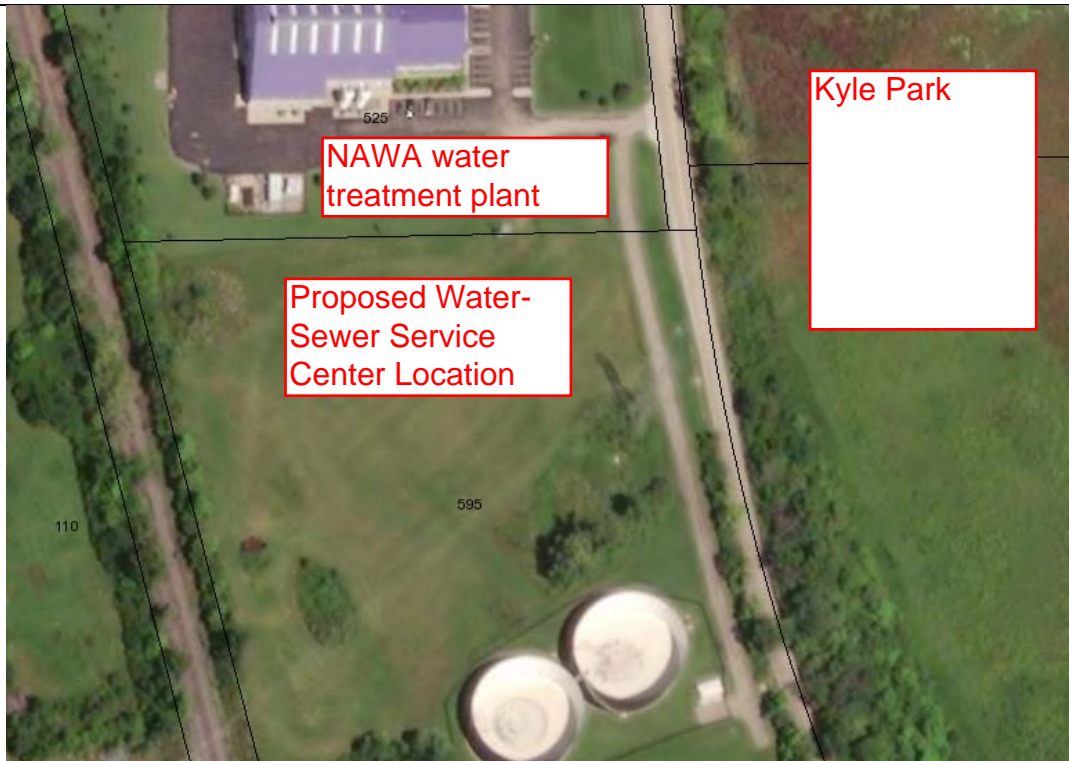
CAPITAL IMPROVEMENT PROJECT

PROJECT NAME: S. Kinna Dr. Water/Sewer Line		PROJECT I.D. OR DEPARTMENT:		PROJECT YEARS: 2020	
TRADE-IN VALUE (IF ANY): N/A		ESTIMATED USEFUL LIFE: 40 years		TOTAL EXPENDITURE: \$ 152,000	
DESCRIPTION: Water/Sewer Line extensions related to the roadway project to extend S. Kinna Dr. from Main St. to the existing roadway.					
PROJECT JUSTIFICATION (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.					
PROJECT COST (If multiple phases, which year will the expenditure take place)					
2020 COSTS: \$ 152,000	2021 COSTS:	2022 COSTS:	2023 COSTS:	2023 COSTS:	
FUNDING SOURCE: Water Fund - \$79,700 Sewer Fund - \$72,300					



CAPITAL IMPROVEMENT PROJECT

PROJECT NAME: Engineering/Architectural Design – Water-Sewer Service Center		PROJECT I.D. OR DEPARTMENT:		PROJECT YEARS: 2020	
TRADE-IN VALUE (IF ANY): N/A		ESTIMATED USEFUL LIFE: 50 years		TOTAL EXPENDITURE: \$ 1,000,000	
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 located on City property near the NAWA water treatment plant 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)					
2020 COSTS: \$1,000,000	2021 COSTS:	2022 COSTS:	2023 COSTS:	2024 COSTS:	
FUNDING SOURCE 50/50 Split Water Fund & Sewer Fund					



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): Replacement of Existing Equipment. Current Miles 13,500. Current hours 1,691. Maintenance cost over the last few years total approximately \$4500.					
PROJECT COST (If multiple phases, which year will the expenditure take place)					
2020 COSTS	2021 COSTS \$ 150,000	2022 COSTS	2023 COSTS	2024 COSTS	
FUNDING SOURCE: Water Fund-\$75,000 Sewer Fund-\$75,000					



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): Replacement of Existing Equipment					
PROJECT COST (If multiple phases, which year will the expenditure take place)					
2020 COSTS	2021 COSTS	2022 COSTS	2023 COSTS \$ 51,000	2024 COSTS	
FUNDING SOURCE: Water Fund-\$25,500 Sewer Fund-\$25,500					



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): Replacement of Existing Equipment					
PROJECT COST (If multiple phases, which year will the expenditure take place)					
2020 COSTS:	2021 COSTS:	2022 COSTS: \$38,000	2023 COSTS: \$38,000	2024 COSTS:	
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): Replacement of Existing Equipment					
PROJECT COST (If multiple phases, which year will the expenditure take place)					
2020 COSTS: \$ 20,000	2021 COSTS:	2022 COSTS:	2023 COSTS:	2024 COSTS:	
FUNDING SOURCE: Water Fund - \$ 10,000 Sewer Fund - \$ 10,000					

