

Date: September 11, 2018

To: Planning Commission

From: JD, Kehrman, City Manager

Subject: Proposed Capital Improvements, 2019 through 2023

The plan for capital improvements presented in this document does not include all of the needs of the community, but does include projects the staff feels are of the highest priority for the public's safety and welfare and to prepare the community for economic growth.

GENERAL FUND

Animal Shelter- The current shelter was built in 1981 and is deteriorating. Based on reports from the Department of Agriculture it is recommended that the shelter be replaced in the near future. Preliminary plans for replacement began in 2018 with design and construction to be completed in 2019. The estimated cost is \$500,000 and funding sources are financing and possible donations.

Fire Department- Fire regulations require upgrades to the fire training grounds. The estimated cost is \$5,000 and the City received a local grant of \$3,000 to offset the cost. A weather emergency notification application is planned for 2020. This application would be in addition to the current outdoor siren notification. Funding sources would include a partnership with other local governments and a grant.

AIRPORT FUND

Immediate needs include improvements to the crosswind runway, replacement of the fuel farm and improvements to the t-hangars. Funding for these improvements comes from the Federal Aviation Administration (FAA) through the Missouri Department of Transportation. The FAA is making 100% funding available for certain projects and the crosswind runway project is part of this group. Award notifications are anticipated in the Spring of 2019. The Fuel Farm and T-Hangar projects would be grant funded at 90% with the remainder coming from the General Fund.

STREET FUND

Projects include improvements to approximately 25 blocks of streets annually, public parking lots and sidewalks. The five-year estimated cost is \$2,548,000. Funding sources include the transportation sales tax and the motor vehicle fuel tax.

PARKS FUND

Remaining projects under the 1999 parks construction sales tax are improvements to Earp Park and walking trails. The available balance for these projects is \$275,000.

In 2011 voters approved a permanent ½ cent sales tax to be used for parks operations and capital improvements. City Council rescinded parks property tax income when the sales tax passed. Proposed

improvements include replacement of aged equipment in the parks, at the aquatic center, and golf cart shed and path replacements. In addition to the sales tax, user fees will fund these projects.

WATER AND SEWER FUND

Water Treatment Plant- The current plant was built in 1984. The building is in fairly good condition however the equipment is showing signs of deterioration. In 2018 engineers completed a detailed study to determine the exact condition of the plant and presented options for replacement. The preliminary estimate for replacement of the water treatment plant is \$9m. Various financing options are being reviewed. A roof replacement and perimeter fencing are planned for 2022 and 2023.

Water Distribution- Water mains along Ash Street will be replaced at an estimated cost of \$753,000. Aged water meters that meet the maximum usage criteria will be replaced at a cost of \$50,000 annually. GIS mapping will provide detailed information of water main size, location, valves and fire hydrants. Center water tower is the final tower to be refinished and the North water tower will be connected to the plant via fiber to monitor tower levels in real time.

Waste Water Treatment Plant-Improvements to the plant include roofing and hvac replacements, a turbo blower upgrade and clarifier pump replacement for a total cost of \$149,000.

Waste Water Collection- Sewer main replacements are planned on Arch/Pine, Douglas/College, Ashland, Tower, Spring, Cleveland, Walnut, Allison, Elm and Douglas/Adams for a cost of \$902,000. The industrial park lift station will be connected to fiber for monitoring by the plant and GIS mapping will provide electronic data of sewer main locations and sizes.

The 2019 Capital Improvement Plan Worksheet is attached for your review.

**2019
Capital Improvement Plan**

<u>Project Description</u>	<u>Est. Cost</u>	<u>Funding Source</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>
General Projects							
1 Animal shelter replacement	500,000	General Fund/ Finance	500,000	-	-	-	-
2 Training ground improvements-Fire Dept.	5,000	General Fund/ Local Grant	-	5,000	-	-	-
3 Weather emergency notification system	6,000	General Fund / Grant	-	-	-	6,000	-
Total	511,000		500,000	5,000	-	6,000	-
Airport							
1 Crosswind runway improvement	1,200,000	Grant 100%	-	225,000	975,000	-	-
2 Fuel farm replacement	575,000	General Fund 10% Grant 90%	-	-	-	575,000	-
3 T-hangar improvements	385,000	General Fund 10% Grant 90%	-	-	-	-	385,000
Total	2,160,000		-	225,000	975,000	575,000	385,000
Streets							
1 Street improvements (avg 25 blocks annually)	2,500,000	Transportation Tax	500,000	500,000	500,000	500,000	500,000
3 Public parking lot improvements	48,000	Street Fund	16,000	16,000	16,000	-	-
4 Sidewalk improvements	55,000	Transportation Tax	11,000	11,000	11,000	11,000	11,000
Total	2,548,000		527,000	527,000	527,000	511,000	511,000
Parks							
1 Earp Park & walking trail improvements	275,000	Parks Construction Sales Tax	-	-	-	-	275,000
2 Signage	8,000	Parks Fund	-	-	-	-	8,000
3 Bench, picnic table, trash receptacle replacement	51,000	Parks Fund	10,200	10,200	10,200	10,200	10,200
4 Playground equipment	86,000	Parks Fund / Special Projects	-	43,000	18,000	-	25,000
5 Water fountain replacement	20,000	Parks Fund	4,000	4,000	4,000	4,000	4,000
6 Fencing replacement	30,000	Parks Fund	-	10,000	10,000	10,000	-
7 Painting- community center & pool building interior	15,000	Parks Fund	15,000	-	-	-	-
8 Pool deck furniture	15,000	Parks Fund	5,000	5,000	5,000	-	-
9 Pool -paint shell interior	80,000	Parks Fund	5,000	-	-	75,000	-
10 Pool diving stand replacement (rails & ladders)	12,000	Parks Fund	-	-	-	-	12,000
11 Pool filter laterals & media replacement	30,000	Parks Fund	30,000	-	-	-	-
12 Pool valve and pump replacement	17,500	Parks Fund	-	17,500	-	-	-
13 Golf cart shed replacement	14,000	Parks Fund	14,000	-	-	-	-
14 Cart path replacement	100,000	Parks Fund	-	-	25,000	25,000	50,000
Total	753,500	Parks Fund	83,200	89,700	72,200	124,200	384,200
Water Treatment Plant							
1 Plant improvements	9,000,000	Water Fund	350,000	8,650,000	-	-	-
2 Caustic pump replacement	7,000	Water Fund	7,000	-	-	-	-
3 Perimeter fencing	35,000	Water Fund	-	-	-	-	35,000
4 Roof replacement	80,000	Water Fund	-	-	-	80,000	-
Total	122,000		357,000	8,650,000	-	80,000	35,000
Water Distribution System							
1 Water main improvements	752,050	Water Fund	60,750	135,400	355,900	100,000	100,000
2 Water meter replacement / upgrades	250,000	Water Fund	50,000	50,000	50,000	50,000	50,000
3 GIS mapping updates and equipment	15,000	Water Fund	15,000	-	-	-	-
4 Center tower interior painting	120,000	Water Fund	-	-	120,000	-	-
5 Fiber connection to North water tower	15,000	Water Fund	-	15,000	-	-	-
Total	1,152,050		125,750	200,400	525,900	150,000	150,000
Waste Water Treatment Plant							
1 Roof and HVAC replacement	19,000	Sewer Fund	19,000	-	-	-	-
2 Clarifier pump replacement	30,000	Sewer Fund	-	30,000	-	-	-
3 Turbo blower upgrade	100,000	Sewer Fund	-	-	-	100,000	-
Total	149,000		19,000	30,000	-	100,000	-
Waste Water Collection System							
1 Sewer main improvements	902,097	Sewer Fund	205,494	208,426	186,577	201,600	100,000
2 Fiber connection Phase III-industrial park lift station	9,000	Sewer Fund	9,000	-	-	-	-
3 GIS mapping updates and equipment	15,000	Sewer Fund	15,000	-	-	-	-
Total	926,097		214,494	208,426	186,577	201,600	100,000