

City of Wichita Falls, Texas
Capital Improvement Program

Fiscal Years 2018 to 2022



**CITY OF WICHITA FALLS
INTER-OFFICE MEMORANDUM**

TO: Honorable Mayor and Members of the City Council

FROM: Darron J. Leiker, City Manager

DATE: October 1, 2017

SUBJECT: 2018 to 2022 Capital Improvement Plan

The attached document outlines the City's Five-Year Capital Improvement Plan (CIP) for the organization. The purpose of a CIP is to focus on the City's capital budgeting needs over a multi-year basis as opposed to one year at a time, and to identify potential funding sources to finance those projects. In this CIP, capital improvements are defined as tangible equipment items, one-time projects, or large maintenance projects that have a cost exceeding \$25,000.

Although the 2018-2022 CIP is a separate document from the Annual Operating Budget, it was also adopted by the City Council in September. It should be noted, however, that Council adoption of this plan does not mean that all of the projects listed in the plan are approved for funding. Only the project costs identified in the 2017-18 fiscal year of the CIP formulate the approved budget for capital improvement projects. The projects listed in the 2017-18 fiscal year have approved funding sources and the City is firmly committed to undertaking these projects within this fiscal year. The projects listed in the outlying fiscal years are for financial planning purposes only.

The total cost for all of the projects outlined in the Five-Year CIP is \$157.5 million. These projects are identified in the following sections in summary form and by specific project. The 2017-18 fiscal year capital improvement budget totals \$39.9 million. With the exception of the proposed Full-Service Hotel and Conference Center Project, funding for projects in Year One of the CIP are incorporated into the City's 2017-18 Annual Operating Budget or approved grant programs. The Hotel and Conference Center Project is reflected in the 2017-18 fiscal year capital improvement budget because both the City Council and the 4B Sales Tax Corporation have approved resolutions expressing their intent to issue debt for the

City's share of this public/private development. No other projects identified in the 2017-18 require additional debt to be issued.

Of the \$157.5 million in project costs, estimated funding sources for the Five-Year CIP are identified in the table below.

Operating Revenue	\$ 82,480,933	52.37%
Type B Revenue Bonds	\$ 10,000,000	6.35%
Certificates of Obligation	\$ 7,600,000	4.83%
Grants	\$ 4,975,325	3.16%
Cemetery Perpetual Care	\$ 1,250,000	0.79%
Privately Raised Funds	\$ 175,000	0.11%
TWDB Remaining Bonds	\$ 1,700,000	1.08%
Undetermined Funds	\$ 49,312,664	31.31%
Total	\$ 157,493,922	100.00%

I should also mention that of the \$157.5 million, approximately \$108.2 million in projects have defined funding sources. However, financing the remaining \$49.3 million in projects will require additional funding sources that have not been approved, such as increased operating revenues, future bond issues, or grants. Many of the projects in the Water/Sewer System, Parks Department, MPEC and Streets will require significant bond issues if they are to be undertaken during this five-year period. For example, completion of the Circle Trail (\$7.7 million) and Trail Spurs (\$13 million), Lake Wichita Development near the boat ramp (\$2.3 million), Lake Kickapoo Pump Station (\$1.6 million), rehabilitation of the "61" Plant at Cypress Water Plant (\$2.6 million), Streets and Parks Roads (\$18.4 million), and several facility projects at MPEC (\$3.7 million) remain unfunded. What this means is that some of these projects may be deferred until a later point in time or increased water and sewer rates and/or property taxes will be needed for much of the debt service expenses. Staff plans to undertake an effort later this Fall to study these issues in more detail and develop a financing plan for the highest capital improvement priorities of the organization.

In summary, this CIP provides a planning tool that is helpful in ascertaining financial needs to accomplish capital improvement goals established by the governing body and city management. I hope that it provides the City Council and the citizens with some valuable information on the capital needs of Wichita Falls over the next five years.

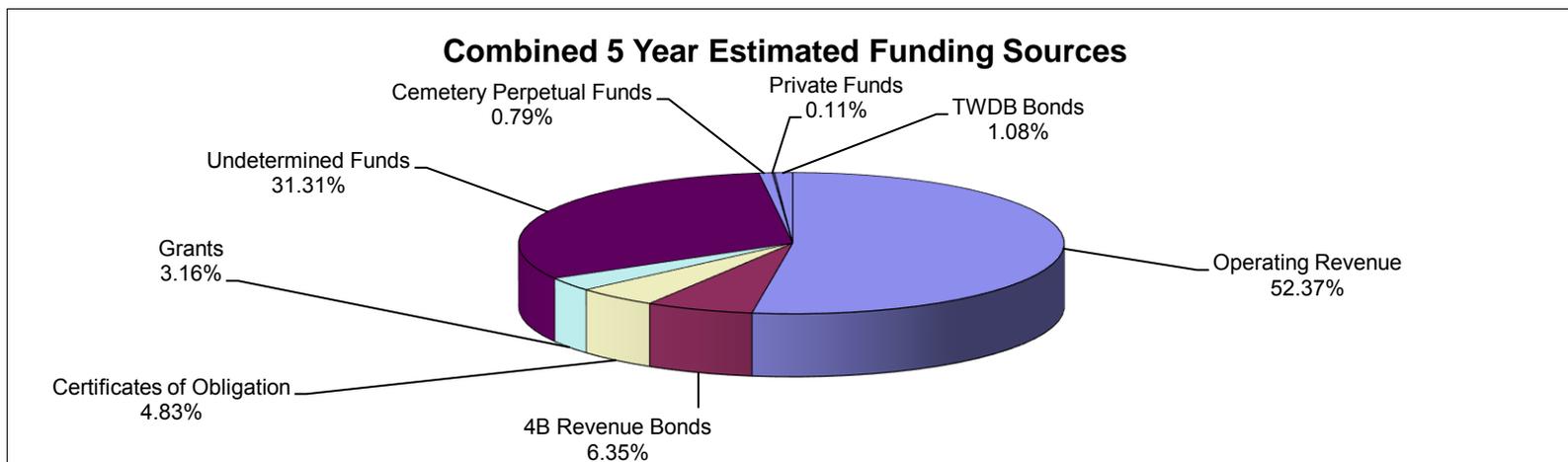
Respectfully submitted,



Darron J. Leiker
City Manager

City of Wichita Falls, Texas
Summary of All Capital Project Costs
2018-2022

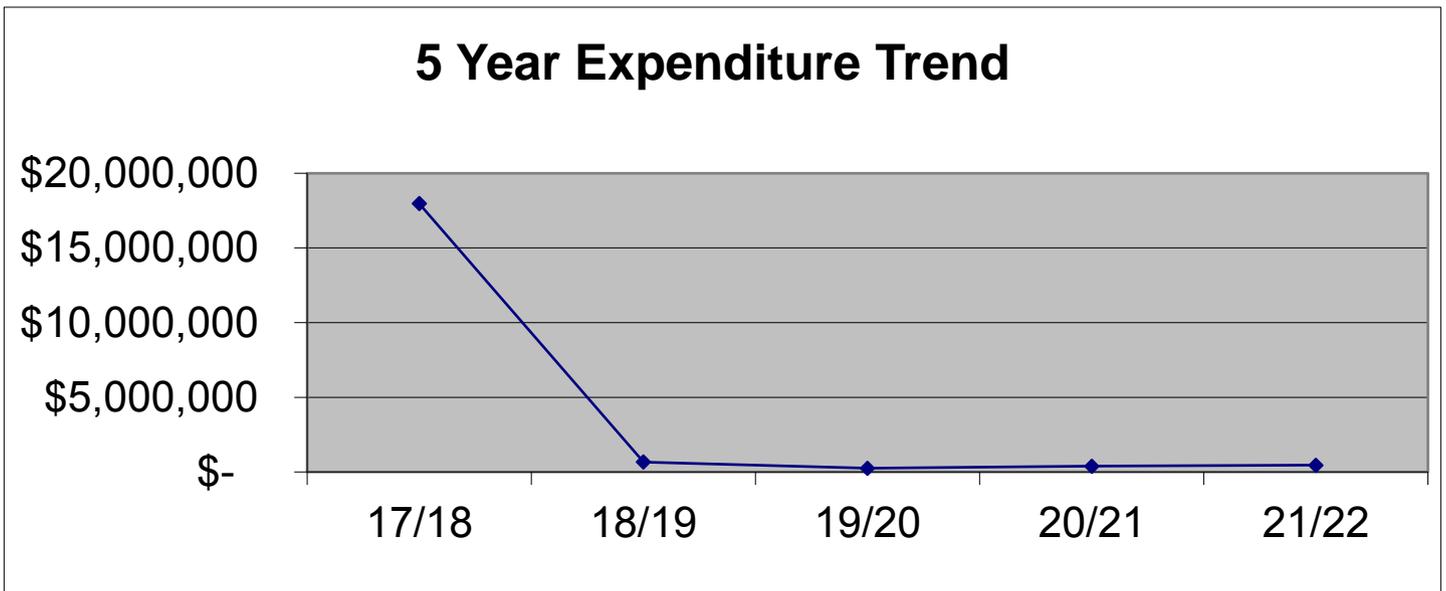
Projected Financial Plan						
	17/18	18/19	19/20	20/21	21/22	Total
Project Cost:						
Bldgs and General Facilities	\$ 17,961,281	\$ 670,000	\$ 250,000	\$ 385,000	\$ 450,000	\$ 19,716,281
Technology	\$ 329,500	\$ 1,420,800	\$ 938,300	\$ 904,500	\$ 404,500	\$ 3,997,600
Parks and Library	\$ 1,075,000	\$ 3,632,191	\$ 4,854,019	\$ 11,768,954	\$ 6,400,000	\$ 27,730,164
Traffic System	\$ 371,023	\$ 340,800	\$ 340,800	\$ 340,800	\$ 340,800	\$ 1,734,223
Fleet Replacements	\$ 3,970,716	\$ 4,034,216	\$ 4,184,216	\$ 4,334,216	\$ 4,484,216	\$ 21,007,580
Airports	\$ 803,400	\$ 235,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 1,638,400
Transit System	\$ 1,545,115	\$ 400,000	\$ 400,000	\$ 400,000	\$ 400,000	\$ 3,145,115
Street System	\$ 2,530,000	\$ 6,701,000	\$ 6,701,000	\$ 6,701,000	\$ 6,701,000	\$ 29,334,000
Water System	\$ 4,053,710	\$ 3,631,000	\$ 6,976,000	\$ 3,176,000	\$ 3,176,000	\$ 21,012,710
Wastewater System	\$ 3,049,000	\$ 1,535,000	\$ 1,566,000	\$ 1,310,000	\$ 1,310,000	\$ 8,770,000
Sanitation System	\$ 600,000	\$ 730,000	\$ 600,000	\$ 600,000	\$ 600,000	\$ 3,130,000
Drainage System	\$ 3,590,000	\$ 4,500,000	\$ 273,655	\$ 2,193,694	\$ 2,000,000	\$ 12,557,349
Multi-Purpose Events Center	\$ -	\$ 3,230,500	\$ 490,000	\$ -	\$ -	\$ 3,720,500
Total	\$ 39,878,745	\$ 31,060,507	\$ 27,773,990	\$ 32,314,164	\$ 26,466,516	\$ 157,493,922
Sources of Funding:						
General Operating Funds	\$ 3,342,644	\$ 3,872,800	\$ 3,200,800	\$ 3,335,800	\$ 3,400,800	\$ 17,152,844
Information Tech Operating Funds	\$ 329,500	\$ 1,420,800	\$ 938,300	\$ 904,500	\$ 404,500	\$ 3,997,600
Fleet Operating Funds	\$ 2,114,216	\$ 2,234,216	\$ 2,384,216	\$ 2,534,216	\$ 2,684,216	\$ 11,951,080
Sanitation Operating Funds	\$ 1,956,500	\$ 2,530,000	\$ 2,400,000	\$ 2,400,000	\$ 2,400,000	\$ 11,686,500
Water/Sewer Operating Funds	\$ 5,402,710	\$ 4,511,000	\$ 4,542,000	\$ 4,286,000	\$ 4,286,000	\$ 23,027,710
Stormwater Operating Funds	\$ 4,090,000	\$ 4,500,000	\$ 273,655	\$ 2,193,694	\$ 2,000,000	\$ 13,057,349
Water Park Operating Funds	\$ -	\$ -	\$ -	\$ 1,000,000	\$ 400,000	\$ 1,400,000
Airport Operating Funds	\$ -	\$ 57,850	\$ 50,000	\$ 50,000	\$ 50,000	\$ 207,850
CDBG Funds	\$ -	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 800,000
FAA Grant Funds	\$ 723,060	\$ 177,150	\$ 150,000	\$ 150,000	\$ 150,000	\$ 1,350,210
FTA Grant Funds	\$ 1,545,115	\$ 320,000	\$ 320,000	\$ 320,000	\$ 320,000	\$ 2,825,115
4B Sales Tax Revenue Bonds	\$ 10,000,000	\$ -	\$ -	\$ -	\$ -	\$ 10,000,000
Certificates of Obligation	\$ 7,600,000	\$ -	\$ -	\$ -	\$ -	\$ 7,600,000
Texas Water Development Bond Funds	\$ 1,700,000	\$ -	\$ -	\$ -	\$ -	\$ 1,700,000
Private Funds	\$ 175,000	\$ -	\$ -	\$ -	\$ -	\$ 175,000
Cemetery Perpetual Care Funds	\$ 900,000	\$ 350,000	\$ -	\$ -	\$ -	\$ 1,250,000
Undetermined Funds	\$ -	\$ 10,886,691	\$ 13,315,019	\$ 14,939,954	\$ 10,171,000	\$ 49,312,664
Total	\$ 39,878,745	\$ 31,060,507	\$ 27,773,990	\$ 32,314,164	\$ 26,466,516	\$ 157,493,922



City of Wichita Falls, Texas
Buildings and General Facility Capital Improvements
2018-2022

This section of the CIP includes large building maintenance projects such as roof repairs, parking lot repairs, HVAC improvements, and exterior building improvements for the City's principal office buildings. It also includes the City's share of a public/private partnership on the construction of a proposed full-service hotel and conference center at the City's Multi-Purpose Events Center.

Projected Financial Plan						
	17/18	18/19	19/20	20/21	21/22	Total
Project Cost:	\$ 17,961,281	\$ 670,000	\$ 250,000	\$ 385,000	\$ 450,000	\$ 19,716,281
Sources of Funding:						
General Operating Funds	\$ 361,281	\$ 670,000	\$ 250,000	\$ 385,000	\$ 450,000	\$ 2,116,281
4B Revenue Bonds	\$ 10,000,000	\$ -	\$ -	\$ -	\$ -	\$ 10,000,000
Certificates of Obligation	\$ 7,600,000	\$ -	\$ -	\$ -	\$ -	\$ 7,600,000
Total	\$ 17,961,281	\$ 670,000	\$ 250,000	\$ 385,000	\$ 450,000	\$ 19,716,281



City of Wichita Falls, Texas
Capital Improvement Program
2018-2022

Project: Memorial Auditorium Structural Repairs

Responsible Division: Building Maintenance

Projected Financial Plan						
Prior Yr	17/18	18/19	19/20	20/21	21/22	Total
\$ 350,000	\$ 185,000	\$ -	\$ -	\$ -	\$ -	\$ 535,000

Description:

This prior budget set aside \$350,000 in the Building Maintenance Division in anticipation that significant repairs may be needed to address structural integrity issues at City Hall/Memorial Auditorium. Preliminary engineering work indicates that the building has settled significantly over time, particularly over the last few years. Although at this time, there doesn't appear to be a structural failure or collapse, it is extremely possible that significant work needs to be performed to address the movement in the building. At this point, the \$435,000 is earmarked for this work to address the most immediate problems. There is also a structural feasibility study being conducted to ascertain other areas of the building that may need substantial rehabilitation such as HVAC, Electrical, Mechanical, Plumbing, etc. The intent is to gather a comprehensive cost estimate for renovation of the facility so that future decisions can be made as to renovations for this facility and/or a new City Hall.



Estimated Project Cost:

Design	\$ -
Construction	\$ -
ROW/Easements/Land	\$ -
Other	\$ 535,000
Total	\$ 535,000

Project Schedule:

Design:
 Bid:
 Construction:

Funding Sources:

Annual Operating Funds (General Fund)

Project Listing:	Prior Yr	17/18	18/19	19/20	20/21	21/22	Total
Auditorium Structure	\$ 350,000						\$ 350,000
Auditorium Structure		\$ 85,000					\$ 85,000
Structure Feasibility		\$ 100,000					\$ 100,000
							\$ -
							\$ -
							\$ -
							\$ -
Total:	\$ 350,000	\$ 185,000	\$ -	\$ -	\$ -	\$ -	\$ 535,000

Oper Budget Impact:	Prior Yr	17/18	18/19	19/20	20/21	21/22	Total

Notes:

City of Wichita Falls, Texas
Capital Improvement Program
2018-2022

Project: Tuck Pointing Memorial Auditorium

Responsible Division: Building Maintenance

Projected Financial Plan						
Prior Yr	17/18	18/19	19/20	20/21	21/22	Total
\$ -	\$ -	\$ -	\$ -	\$ -	\$ 250,000	\$ 250,000

Description:

Tuck Point is a process to clean and seal exterior decorative brick and repair or replace mortar that bonds masonry to protect brick and protect structural integrity of a building. This process should be applied to masonry at fifteen year intervals. The Memorial Auditorium was constructed in 1927 and in 1964 additional office space was added. Sculptured stone was installed on front of original building and remains intact. This stone borders rounded archways and towers located on roof of building. In 1964, a first floor office area was added. The decorative brick that encloses this addition is not an exact match to original brick but possesses some resemblance. In 1997 after fifty years of exposure to natural elements original brick and sculptured stone was cleaned and sealed as well as brick installed in 1964. This process preserved original masonry. Citizens became more appreciative of the building and its historical value. In 1984 Memorial Auditorium was designated as a Landmark Building. Approving this project preserves structural integrity of building and preserves the history that earned designation of Landmark Building.



Estimated Project Cost:

Design	\$ -
Construction	\$ -
ROW/Easements/Land	\$ -
Other	\$ 250,000
Total	\$ 250,000

Project Schedule:

Design: Winter 2021
 Bid: Winter 2021
 Construction: Spring 2022

Funding Sources:

Annual Operating Funds (General Fund)

Project Listing:	Prior Yr	17/18	18/19	19/20	20/21	21/22	Total
Auditorium Tuckpoint						\$ 250,000	\$ 250,000
							\$ -
							\$ -
							\$ -
							\$ -
							\$ -
							\$ -
Total:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 250,000	\$ 250,000

Oper Budget Impact:	Prior Yr	17/18	18/19	19/20	20/21	21/22	Total

Notes:

City of Wichita Falls, Texas
Capital Improvement Program
2018-2022

Project: Library Elevator Improvements

Responsible Division: Building Maintenance

Projected Financial Plan						
Prior Yr	17/18	18/19	19/20	20/21	21/22	Total
\$ -	\$ 127,219	\$ -	\$ -	\$ -	\$ -	\$ 127,219

Description:

The North and South elevators at the Library/Recreation Building are 20 years of age and are in need of rehabilitation.



Estimated Project Cost:

Design	\$ -
Construction	\$ -
ROW/Easements/Land	\$ -
Other	\$ 127,219
Total	\$ 127,219

Project Schedule:

Design: Winter 2017
 Bid: Winter 2017
 Construction: Spring 2018

Funding Sources:

Annual Operating Funds (General Fund)

Project Listing:	Prior Yr	17/18	18/19	19/20	20/21	21/22	Total
Elevator Units		\$ 127,219					\$ 127,219
							\$ -
							\$ -
							\$ -
							\$ -
							\$ -
							\$ -
Total:	\$ -	\$ 127,219	\$ -	\$ -	\$ -	\$ -	\$ 127,219

Oper Budget Impact:	Prior Yr	17/18	18/19	19/20	20/21	21/22	Total
							\$ -

Notes:

City of Wichita Falls, Texas
Capital Improvement Program
2018-2022

Project: Training Facility

Responsible Division: Building Maintenance

Projected Financial Plan						
Prior Yr	17/18	18/19	19/20	20/21	21/22	Total
\$ -	\$ -	\$ 80,000	\$ -	\$ -	\$ -	\$ 80,000

Description:
 Training Facility replacement of Class Room Dividers.

Estimated Project Cost:	
Design	\$ -
Construction	\$ 80,000
ROW/Easements/Land	\$ -
Other	
Total	\$ 80,000

Project Schedule:
 Design:
 Bid: Winter 2018
 Construction: Winter 2018

Funding Sources:
 Annual Operating Funds (General Fund)

Project Listing:	Prior Yr	17/18	18/19	19/20	20/21	21/22	Total
			\$ 80,000				\$ 80,000
							\$ -
							\$ -
							\$ -
							\$ -
							\$ -
							\$ -
Total:	\$ -	\$ -	\$ 80,000	\$ -	\$ -	\$ -	\$ 80,000

Oper Budget Impact:	Prior Yr	17/18	18/19	19/20	20/21	21/22	Total
							\$ -

Notes:

**City of Wichita Falls, Texas
Capital Improvement Program
2018-2022**

Project: 2nd Floor Library/Recreation Center Flooring

Responsible Division: Building Maintenance

Projected Financial Plan						
Prior Yr	17/18	18/19	19/20	20/21	21/22	Total
\$ 70,400	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 70,400

Description:

The carpet in this facility was installed when the building was renovated into the Library/Recreation Center. This carpet will be replaced with tile.



Estimated Project Cost:

Design	\$ -
Construction	\$ -
ROW/Easements/Land	\$ -
Other	\$ 70,400
Total	\$ 70,400

Project Schedule:

Design:
Bid: Summer 2017
Construction: Summer 2017

Funding Sources:

Annual Operating Funds (General Fund)

Project Listing:	Prior Yr	17/18	18/19	19/20	20/21	21/22	Total
2nd Floor Hallway Tile	\$ 70,400						\$ 70,400
							\$ -
							\$ -
							\$ -
							\$ -
							\$ -
Total:	\$ 70,400	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 70,400

Oper Budget Impact:	Prior Yr	17/18	18/19	19/20	20/21	21/22	Total
							\$ -

Notes:

City of Wichita Falls, Texas
Capital Improvement Program
2018-2022

Project: Roof Replacements

Responsible Division: Building Maintenance

Projected Financial Plan						
Prior Yr	17/18	18/19	19/20	20/21	21/22	Total
\$ 437,000	\$ -	\$ 400,000	\$ 250,000	\$ 385,000	\$ 200,000	\$ 1,672,000

Description:

The Reroofing Program schedules several City buildings for roof replacements over this five-year period.



Estimated Project Cost:

Design	\$ -
Construction	\$ -
ROW/Easements/Land	\$ -
Other	\$ 1,672,000
Total	\$ 1,672,000

Project Schedule:

Design:
 Bid:
 Construction:

Funding Sources:

Annual Operating Funds (General Fund)

Project Listing:	Prior Yr	17/18	18/19	19/20	20/21	21/22	Total
Health Department Roof	\$ 437,000						\$ 437,000
Library Roof			\$ 350,000				\$ 350,000
Fire Station #1 Roof			\$ 50,000				\$ 50,000
Auditorium Wing Roofs						\$ 200,000	\$ 200,000
Court Roof				\$ 250,000			\$ 250,000
Police Headquarters					\$ 385,000		\$ 385,000
							\$ -
							\$ -
Total:	\$ 437,000	\$ -	\$ 400,000	\$ 250,000	\$ 385,000	\$ 200,000	\$ 1,672,000

Oper Budget Impact:	Prior Yr	17/18	18/19	19/20	20/21	21/22	Total
							\$ -

Notes:

City of Wichita Falls, Texas
Capital Improvement Program
2018-2022

Project: HVAC Control System for Memorial Auditorium and Health Department

Responsible Division: Building Maintenance

Projected Financial Plan						
Prior Yr	17/18	18/19	19/20	20/21	21/22	Total
\$ 76,100	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 76,100

Description:

Design, install, and configure HVAC control system for Memorial Auditorium and the Health Department. This system will give building maintenance the ability to effectively monitor and control the environments throughout these 2 facilities.



Estimated Project Cost:

Design	\$ -
Construction	\$ -
ROW/Easements/Land	\$ -
Other	\$ 76,100
Total	\$ 76,100

Project Schedule:

Design: Winter 2016, 2017
 Bid: Winter 2016, 2017
 Construction: Spring 2016, 2017

Funding Sources:

Annual Operating Funds (General Fund)

Project Listing:

	Prior Yr	17/18	18/19	19/20	20/21	21/22	Total
HVAC Control System	\$ 76,100						\$ 76,100
							\$ -
							\$ -
							\$ -
							\$ -
							\$ -
							\$ -
Total:	\$ 76,100	\$ -	\$ 76,100				

Oper Budget Impact:

Prior Yr	17/18	18/19	19/20	20/21	21/22	Total
						\$ -

Notes:

City of Wichita Falls, Texas
Capital Improvement Program
2018-2022

Project: Health Department Tile Replacement

Responsible Division: Building Maintenance

Projected Financial Plan						
Prior Yr	17/18	18/19	19/20	20/21	21/22	Total
\$ -	\$ -	\$ 190,000	\$ -	\$ -	\$ -	\$ 190,000

Description:
 Health Department - replace hallway floor tile in original building.



Estimated Project Cost:

Design	\$ -
Construction	\$ -
ROW/Easements/Land	\$ -
Other	\$ 190,000
Total	\$ 190,000

Project Schedule:
 Design: Spring 2018
 Bid: Spring 2018
 Construction: Summer 2018

Funding Sources:
 Annual Operating Funds (General Fund)

Project Listing:	Prior Yr	17/18	18/19	19/20	20/21	21/22	Total
Health Department Floor			\$ 190,000				\$ 190,000
							\$ -
							\$ -
							\$ -
							\$ -
							\$ -
							\$ -
Total:	\$ -	\$ -	\$ 190,000	\$ -	\$ -	\$ -	\$ 190,000

Oper Budget Impact:	Prior Yr	17/18	18/19	19/20	20/21	21/22	Total
							\$ -

Notes:

City of Wichita Falls, Texas
Capital Improvement Program
2018-2022

Project: Fire Station #5 Leveling/Securing

Responsible Division: Building Maintenance

Projected Financial Plan						
Prior Yr	17/18	18/19	19/20	20/21	21/22	Total
\$ -	\$ 49,062	\$ -	\$ -	\$ -	\$ -	\$ 49,062

Description:
 Fire Station #5 has settled significantly and is in need of leveling.



Estimated Project Cost:	
Design	\$ -
Construction	\$ -
ROW/Easements/Land	\$ -
Other	\$ 49,062
Total	\$ 49,062

Project Schedule:

Design:
 Bid:
 Construction:

Funding Sources:

Annual Operating Funds (General Fund)

Project Listing:	Prior Yr	17/18	18/19	19/20	20/21	21/22	Total
Fire Station #5 Leveling		\$ 49,062					\$ 49,062
							\$ -
							\$ -
							\$ -
							\$ -
							\$ -
Total:	\$ -	\$ 49,062	\$ -	\$ -	\$ -	\$ -	\$ 49,062

Oper Budget Impact:	Prior Yr	17/18	18/19	19/20	20/21	21/22	Total
							\$ -

Notes:

City of Wichita Falls, Texas
Capital Improvement Program
2018-2022

Project: Full-Service Hotel and Conference Center

Responsible Division: City Manager's Office

Projected Financial Plan						
Prior Yr	17/18	18/19	19/20	20/21	21/22	Total
\$ -	\$ 17,600,000	\$ -	\$ -	\$ -	\$ -	\$ 17,600,000

Description:

The City of Wichita Falls has plans to partner with a hotel development firm on the construction of a 150-Room Full-Service Hotel and Conference Center on the grounds of the Multi-Purpose Events Center. The total estimated cost for the hotel is \$30 million, with the private developer investing \$20 million and the City loaning them \$10 million. The 4B Sales Tax Corporation intends to issue the \$10 million in 4B Sales Tax Revenue Bonds to make this loan. The proforma on the operating income of the hotel suggests that the income from the hotel will be sufficient to repay the 4B Corporation the debt service for the hotel. Additionally, the City of Wichita Falls intends to issue \$7.6 million in Certificates of Obligation to construct a convention center that is attached to the hotel.



Estimated Project Cost:

Design	\$ -
Construction	\$ -
ROW/Easements/Land	\$ -
Other	\$ 17,600,000
Total	\$ 17,600,000

Project Schedule:

Design:
 Bid:
 Construction:

Funding Sources:

4B Revenue Bonds	\$ 10,000,000
Certificates of Obligation	\$ 7,600,000

Project Listing:	Prior Yr	17/18	18/19	19/20	20/21	21/22	Total
Hotel (City's Share)		\$ 10,000,000					\$ 10,000,000
Conference Center		\$ 7,600,000					\$ 7,600,000
							\$ -
							\$ -
							\$ -
							\$ -
Total:	\$ -	\$ 17,600,000	\$ -	\$ -	\$ -	\$ -	\$ 17,600,000

Oper Budget Impact:	Prior Yr	17/18	18/19	19/20	20/21	21/22	Total
							\$ -

Notes:

City of Wichita Falls, Texas
Capital Improvement Program
2018-2022

Project: Car Wash Bay at Central Services

Responsible Division: Fleet Maintenance

Projected Financial Plan						
Prior Yr	17/18	18/19	19/20	20/21	21/22	Total
\$ 80,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 80,000

Description:
 There is a need to construct an additional car washing bay at Central Services.



Estimated Project Cost:

Design	\$ -
Construction	\$ -
ROW/Easements/Land	\$ -
Other	\$ 80,000
Total	\$ 80,000

Project Schedule:
 Design:
 Bid:
 Construction: Winter 2016
 Spring 2017

Funding Sources:
 Fleet Operating Funds (\$80,000)

Project Listing:	Prior Yr	17/18	18/19	19/20	20/21	21/22	Total
Car Wash Bay	\$ 80,000						\$ 80,000
							\$ -
							\$ -
							\$ -
							\$ -
							\$ -
							\$ -
Total:	\$ 80,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 80,000

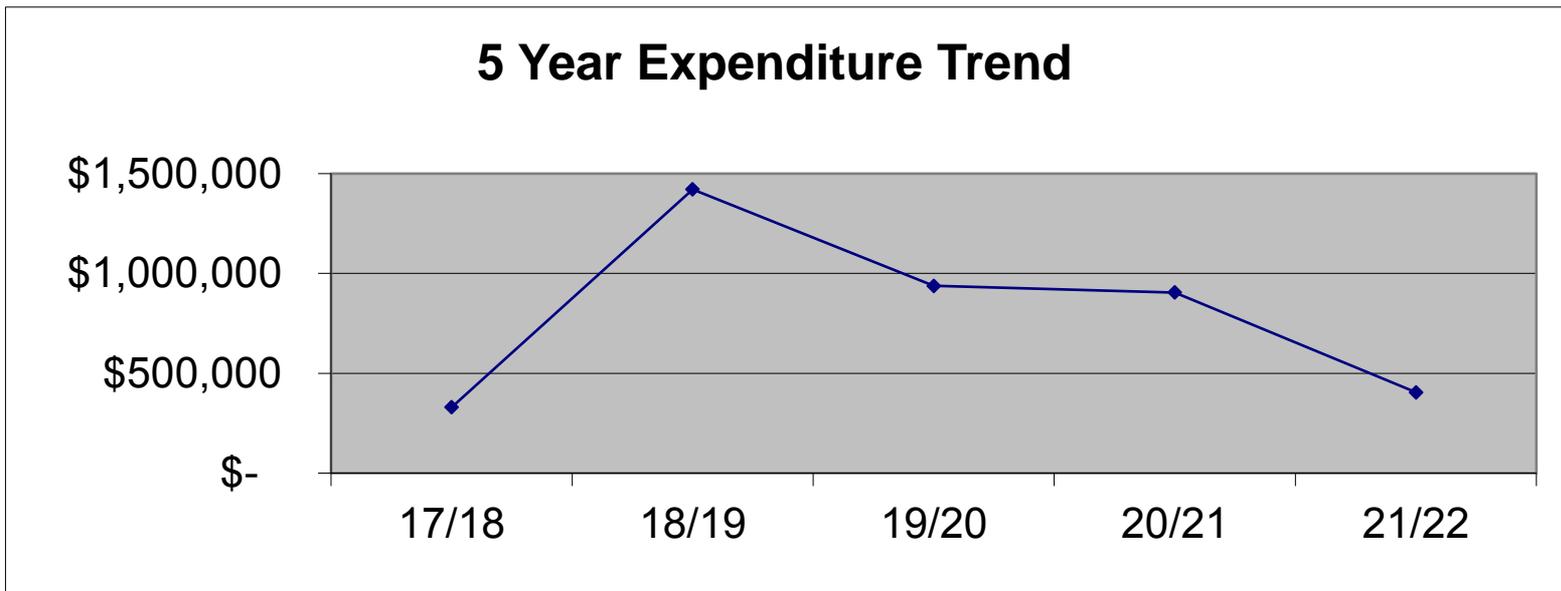
Oper Budget Impact:	Prior Yr	17/18	18/19	19/20	20/21	21/22	Total
							\$ -

Notes:

City of Wichita Falls, Texas
Technology Improvements
2018-2022

This section of the CIP includes projects that improve the technological systems of the City's programs. Many of the projects are for normal replacement of hardware and software items that will be needed to remain on current technology.

Projected Financial Plan						
	17/18	18/19	19/20	20/21	21/22	Total
Project Cost:	\$ 329,500	\$ 1,420,800	\$ 938,300	\$ 904,500	\$ 404,500	\$ 3,997,600
Sources of Funding:						
IT Operating Fund	\$ 329,500	\$ 1,420,800	\$ 938,300	\$ 904,500	\$ 404,500	\$ 3,997,600
Total	\$ 329,500	\$ 1,420,800	\$ 938,300	\$ 904,500	\$ 404,500	\$ 3,997,600



City of Wichita Falls, Texas
Capital Improvement Program
2018-2022

Project: Public Safety Laptops, Printers and Other Ancillary Equipment

Responsible Division: Information Systems

Projected Financial Plan						
Prior Yr	17/18	18/19	19/20	20/21	21/22	Total
\$ -	\$ -	\$ 566,300	\$ 533,800	\$ -	\$ -	\$ 1,100,100

Description:

The City purchased Panasonic Touchbooks for Public Safety's use in Police cars and Fire trucks. These Laptops have a useful life of 5 years. It is recommended that these laptops be replaced over a 2 year period to reduce the financial impact and the impact on city's staff for installation. Estimated cost of the laptops is \$4,400 and we have 170 in the system. Other equipment related to the Mobile Data Systems include Docks, Barcode Readers, GPS's, Ticket Writers, and Mobile Printers. Most of this equipment is recommended to be replaced on a 7-year period.



Estimated Project Cost:

Design	\$ -
Construction	\$ -
ROW/Easements/Land	\$ -
Other	\$ 1,100,100
Total	\$ 1,100,100

Project Schedule:

Design:
 Bid:
 Construction:

Funding Sources:

Annual Operating Funds (IT Fund)

Project Listing:

	Prior Yr	17/18	18/19	19/20	20/21	21/22	Total
Laptops			\$ 374,000	\$ 374,000			\$ 748,000
Mobile Printers			\$ 74,800	\$ 74,800			\$ 149,600
Ticket Writers			\$ 32,500				\$ 32,500
Ancillary Equipment			\$ 85,000	\$ 85,000			\$ 170,000
							\$ -
							\$ -
							\$ -
Total:	\$ -	\$ -	\$ 566,300	\$ 533,800	\$ -	\$ -	\$ 1,100,100

Oper Budget Impact:

Prior Yr	17/18	18/19	19/20	20/21	21/22	Total
						\$ -

Notes:

City of Wichita Falls, Texas
Capital Improvement Program
2018-2022

Project: Annual Replacement Schedule for City PC's

Responsible Division: Information Systems

Projected Financial Plan						
Prior Yr	17/18	18/19	19/20	20/21	21/22	Total
\$ 121,500	\$ 121,500	\$ 121,500	\$ 121,500	\$ 121,500	\$ 121,500	\$ 729,000

Description:

The total number of PC's for the City is 622. The City has determined that the life of a PC should be 5 years.



Estimated Project Cost:

Design	\$ -
Construction	\$ -
ROW/Easements/Land	\$ -
Other	\$ 729,000
Total	\$ 729,000

Project Schedule:

Design:
 Bid:
 Construction:

Funding Sources:

Annual Operating Funds (IT Fund Fund)

Project Listing:	Prior Yr	17/18	18/19	19/20	20/21	21/22	Total
PC's	\$ 121,500	\$ 121,500	\$ 121,500	\$ 121,500	\$ 121,500	\$ 121,500	\$ 729,000
							\$ -
							\$ -
							\$ -
							\$ -
							\$ -
							\$ -
Total:	\$ 121,500	\$ 121,500	\$ 121,500	\$ 121,500	\$ 121,500	\$ 121,500	\$ 729,000

Oper Budget Impact:

Prior Yr	17/18	18/19	19/20	20/21	21/22	Total
						\$ -

Notes:

**City of Wichita Falls, Texas
Capital Improvement Program
2018-2022**

Project: Network Infrastructure Replacement

Responsible Division: Information Systems

Projected Financial Plan						
Prior Yr	17/18	18/19	19/20	20/21	21/22	Total
\$ 137,000	\$ 154,000	\$ 154,000	\$ 154,000	\$ 154,000	\$ 154,000	\$ 907,000

Description:
Network Infrastructure such as Routers, Phone System and Network Switches for numerous facilities are replaced every five to seven years.



Estimated Project Cost:

Design	\$ -
Construction	\$ -
ROW/Easements/Land	\$ -
Other	\$ 907,000
Total	\$ 907,000

Project Schedule:

Design:
Bid:
Construction:

Funding Sources:

Annual Operating Funds (IT Fund Fund)

Project Listing:	Prior Yr	17/18	18/19	19/20	20/21	21/22	Total
Network Gear	\$ 137,000	\$ 84,000	\$ 154,000	\$ 154,000	\$ 154,000	\$ 154,000	\$ 837,000
Cisco Phone Upgrade		\$ 70,000					\$ 70,000
							\$ -
							\$ -
							\$ -
Total:	\$ 137,000	\$ 154,000	\$ 907,000				

Oper Budget Impact:	Prior Yr	17/18	18/19	19/20	20/21	21/22	Total
							\$ -

Notes:

City of Wichita Falls, Texas
Capital Improvement Program
2018-2022

Project: Computer Server Replacements

Responsible Division: Information Systems

Projected Financial Plan						
Prior Yr	17/18	18/19	19/20	20/21	21/22	Total
\$ -	\$ 54,000	\$ 129,000	\$ 129,000	\$ 129,000	\$ 129,000	\$ 570,000

Description:

Computer servers and storage devices are used throughout the organization and have approximately 5 years of useful life.



Estimated Project Cost:

Design	\$ -
Construction	\$ -
ROW/Easements/Land	\$ -
Other	\$ 570,000
Total	\$ 570,000

Project Schedule:

Design:
 Bid:
 Construction:

Funding Sources:

Annual Operating Funds (IT Fund Fund)

Project Listing:	Prior Yr	17/18	18/19	19/20	20/21	21/22	Total
Computer Servers		\$ 54,000	\$ 129,000	\$ 129,000	\$ 129,000	\$ 129,000	\$ 570,000
							\$ -
							\$ -
							\$ -
							\$ -
							\$ -
Total:	\$ -	\$ 54,000	\$ 129,000	\$ 129,000	\$ 129,000	\$ 129,000	\$ 570,000

Oper Budget Impact:

Prior Yr	17/18	18/19	19/20	20/21	21/22	Total
						\$ -

Notes:

City of Wichita Falls, Texas
Capital Improvement Program
2018-2022

Project: Major System Applications

Responsible Division: Information Systems

Projected Financial Plan						
Prior Yr	17/18	18/19	19/20	20/21	21/22	Total
\$ 838,253	\$ -	\$ 450,000	\$ -	\$ 500,000	\$ -	\$ 1,788,253

Description:

Finance/HR System, Police Department Records Management System and Computer Aided Dispatch Applications.



Estimated Project Cost:

Design	\$ -
Construction	\$ -
ROW/Easements/Land	\$ -
Other	\$ 1,788,253
Total	\$ 1,788,253

Project Schedule:

Design:
 Bid:
 Construction:

Funding Sources:

Annual Operating Funds (IT Fund Fund)

Project Listing:	Prior Yr	17/18	18/19	19/20	20/21	21/22	Total
Finance/HR System	\$ 838,253						\$ 838,253
Records Mgt System			\$ 450,000				\$ 450,000
CAD/Mobile					\$ 500,000		\$ 500,000
							\$ -
							\$ -
							\$ -
							\$ -
							\$ -
Total:	\$ 838,253	\$ -	\$ 450,000	\$ -	\$ 500,000	\$ -	\$ 1,788,253

Oper Budget Impact:

Prior Yr	17/18	18/19	19/20	20/21	21/22	Total
						\$ -

Notes:

City of Wichita Falls, Texas
Capital Improvement Program
2018-2022

Project: Replacement of Public Safety Radio System

Responsible Division:

Projected Financial Plan						
Prior Yr	17/18	18/19	19/20	20/21	21/22	Total
\$ 3,700,000	\$ -	\$ -	\$ -	\$ -		\$ 3,700,000

Description:

The City installed an 800 megahertz radio-trunking system for its public safety operations about 15 years ago. The total cost of the towers, infrastructure, and mobile and portable radios was approximately \$5 million. The initial installation cost of the system was paid with 4B Sales Tax Funds. Additionally, the annual maintenance contract for the system is paid for with 4B Sales Tax Funds. The radios and many components of the system were recently replaced with \$1.7 million of General Funds and \$2 million of Information Technology Funds. An Internal Service Fund has now been established to begin addressing all of this system replacement costs in the future. The life expectancy for the radios are approximately 7 years and many of the components of this system require replacement every 10 to 15 years. As such, it is not necessary to replace any of this system over this five-year CIP.



Estimated Project Cost:

Design	\$ -
Construction	\$ -
ROW/Easements/Land	\$ -
Other	\$ 3,700,000
Total	\$ 3,700,000

Project Schedule:

Design:
 Bid:
 Construction:

Funding Sources:

Annual Operating Funds (IT Fund) (\$2,000,000)
 General City Funds (\$1,700,000)

Project Listing:	Prior Yr	17/18	18/19	19/20	20/21	21/22	Total
Radio System	\$ 3,700,000						\$ 3,700,000
							\$ -
							\$ -
							\$ -
							\$ -
							\$ -
							\$ -
Total:	\$ 3,700,000	\$ -	\$ 3,700,000				

Oper Budget Impact:

Prior Yr	17/18	18/19	19/20	20/21	21/22	Total
						\$ -

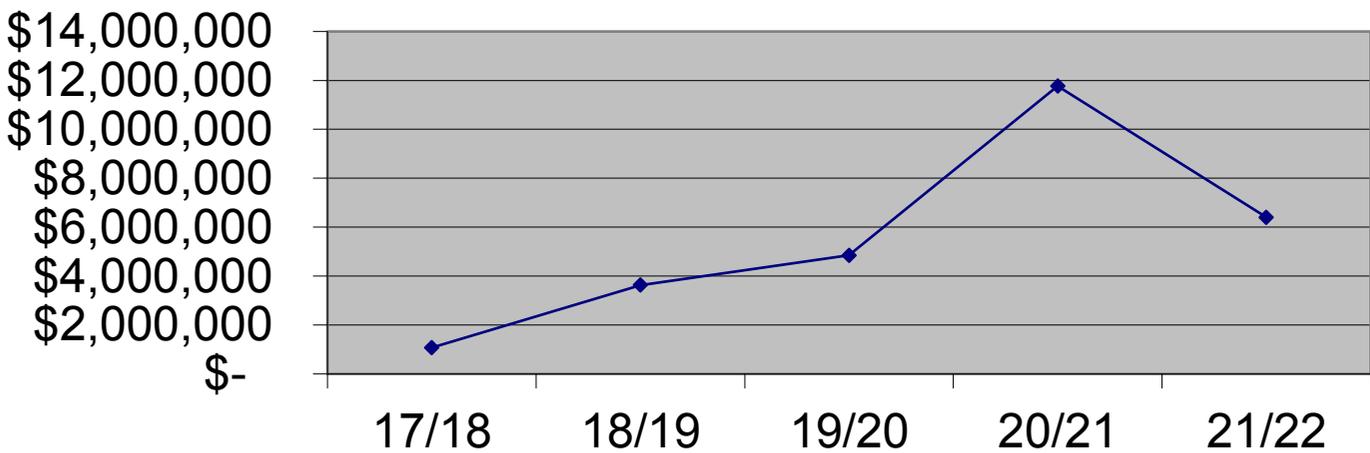
Notes:

City of Wichita Falls, Texas
Park and Library Improvements
2018-2022

This section of the CIP includes projects for the Park's System and Library. Several of the Parks Projects identified in this Section will require approval of additional funding sources such as a General City Bond Issue, Grants, and/or 4B Sales Tax Funds. Unfunded projects include Lake Wichita Shoreline Improvements, completion of the Circle Trail and significant roadway projects inside City parks.

Projected Financial Plan						
	17/18	18/19	19/20	20/21	21/22	Total
Project Cost:	\$ 1,075,000	\$ 3,632,191	\$ 4,854,019	\$ 11,768,954	\$ 6,400,000	\$ 27,730,164
Sources of Funding:						
General Operating Funds	\$ -	\$ 252,000	\$ -	\$ -	\$ -	\$ 252,000
Undetermined Funds	\$ -	\$ 3,030,191	\$ 4,854,019	\$ 10,768,954	\$ 6,000,000	\$ 24,653,164
Private Funds	\$ 175,000	\$ -	\$ -	\$ -	\$ -	\$ 175,000
Cemetery Perpetual Fund	\$ 900,000	\$ 350,000	\$ -	\$ -	\$ -	\$ 1,250,000
Water Park Funds	\$ -	\$ -	\$ -	\$ 1,000,000	\$ 400,000	\$ 1,400,000
Total	\$ 1,075,000	\$ 3,632,191	\$ 4,854,019	\$ 11,768,954	\$ 6,400,000	\$ 27,730,164

5 Year Expenditure Trend



City of Wichita Falls, Texas
Capital Improvement Program
2018-2022

Project: Castaway Cove Water Park Slide Addition

Responsible Division: Parks/City Manager's Office

Projected Financial Plan						
Prior Yr	17/18	18/19	19/20	20/21	21/22	Total
\$ -	\$ -	\$ -	\$ -	\$ 1,000,000	\$ -	\$ 1,000,000

Description:

About every five to seven years, it is recommended to add a major attraction at the Castaway Cove Water Park.



Estimated Project Cost:

Design	
Construction	\$ -
ROW/Easements/Land	\$ -
Other	\$ 1,000,000
Total	\$ 1,000,000

Project Schedule:

Design:
 Bid:
 Construction:

Funding Sources:

Castaway Cove WP Fund \$ 1,000,000

Project Listing:	Prior Yr	17/18	18/19	19/20	20/21	21/22	Total
Water Slide					\$ 1,000,000		\$ 1,000,000
							\$ -
							\$ -
							\$ -
							\$ -
							\$ -
							\$ -
Total:	\$ -	\$ -	\$ -	\$ -	\$ 1,000,000	\$ -	\$ 1,000,000

Oper Budget Impact:	Prior Yr	17/18	18/19	19/20	20/21	21/22	Total
							\$ -

Notes:

City of Wichita Falls, Texas
Capital Improvement Program
2018-2022

Project: Castaway Cove Park Trail

Responsible Division: Parks and Recreation

Projected Financial Plan						
Prior Yr	17/18	18/19	19/20	20/21	21/22	Total
\$ -	\$ -	\$ -	\$ -	\$ -	\$ 400,000	\$ 400,000

Description:

This project will construct a 5,000 foot long, compacted gravel trail roughly following the perimeter of the 49 acres surrounding Castaway Cove Water Park. Access will be from the existing gravel parking at the north end of the water park and by the old fire station off Windthorst Road. The trail will be a ten foot wide concrete trail with several drainage structures.



Estimated Project Cost:

Design	\$ -
Construction	\$ 400,000
ROW/Easements/Land	
Other	\$ -
Total	\$ 400,000

Project Schedule:

Design:
 Bid:
 Construction:

Funding Sources:

Castaway Cove WP Fund	\$ 400,000
-----------------------	------------

Project Listing:	Prior Yr	17/18	18/19	19/20	20/21	21/22	Total
Castaway Cove Trail						\$ 400,000	\$ 400,000
							\$ -
							\$ -
							\$ -
							\$ -
							\$ -
							\$ -
Total:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 400,000	\$ 400,000

Oper Budget Impact:	Prior Yr	17/18	18/19	19/20	20/21	21/22	Total
							\$ -

Notes:

City of Wichita Falls, Texas
Capital Improvement Program
2018-2022

Project: Falls Flyover Landscaping and Equipment

Responsible Division:

Projected Financial Plan						
Prior Yr	17/18	18/19	19/20	20/21	21/22	Total
\$ -	\$ -	\$ 127,000	\$ -	\$ -	\$ -	\$ 127,000

Description:

This project will install irrigation and landscaping in the area known as the "Falls Flyover". Phase I funding completed the most visible areas on the north and west side of the highway. This funding would complete Phase II on the remaining sides of the highway.



Estimated Project Cost:

Design	\$ -
Construction	\$ 95,000
ROW/Easements/Land	\$ -
Other	\$ 32,000
Total	\$ 127,000

Project Schedule:

Design:
 Bid:
 Construction:

Funding Sources:

Annual Operating Funds (General Fund)	\$ 127,000
---------------------------------------	------------

Project Listing:

Landscape, Irrigation
 Equipment

	Prior Yr	17/18	18/19	19/20	20/21	21/22	Total
			\$ 95,000				\$ 95,000
			\$ 32,000				\$ 32,000
							\$ -
							\$ -
							\$ -
							\$ -
							\$ -
Total:	\$ -	\$ -	\$ 127,000	\$ -	\$ -	\$ -	\$ 127,000

Oper Budget Impact:

Prior Yr	17/18	18/19	19/20	20/21	21/22	Total
						\$ -

Notes:

**City of Wichita Falls, Texas
Capital Improvement Program
2018-2022**

Project: Hamilton Park Roadway

Responsible Division: Parks

Projected Financial Plan						
Prior Yr	17/18	18/19	19/20	20/21	21/22	Total
\$ -	\$ -	\$ 415,750	\$ -	\$ -	\$ -	\$ 415,750

Description:

Hamilton Park has a few areas that need major repairs. The main road through the park is in fair shape and can be overlaid without much additional work. The Recycle in Place and majority of the base repair are needed in the parking lot areas. It is recommended to clean the existing flumes in the parking lots.



Estimated Project Cost:

Design	\$ -
Construction	\$ -
ROW/Easements/Land	\$ -
Other	\$ 415,750
Total	\$ 415,750

Project Schedule:

Design:
Bid:
Construction:

Funding Sources:

Undetermined Funding Source	\$ 415,750
-----------------------------	------------

Project Listing:	Prior Yr	17/18	18/19	19/20	20/21	21/22	Total
Hamilton Park Roadway			\$ 415,750				\$ 415,750
							\$ -
							\$ -
							\$ -
							\$ -
							\$ -
							\$ -
Total:	\$ -	\$ -	\$ 415,750	\$ -	\$ -	\$ -	\$ 415,750

Oper Budget Impact:	Prior Yr	17/18	18/19	19/20	20/21	21/22	Total

Notes:

City of Wichita Falls, Texas
Capital Improvement Program
2018-2022

Project: Hamilton Park Playground

Responsible Division: Parks

Projected Financial Plan						
Prior Yr	17/18	18/19	19/20	20/21	21/22	Total
\$ -	\$ 175,000	\$ -	\$ -	\$ -	\$ -	\$ 175,000

Description:

A non-profit organization has committed to funding the planning and construction of a new children's playground south of the large parking lot in Hamilton Park. The facility will be a modern design that is both functional and attractive. The surface paving material will be compliant with current safety impact guidelines.



Estimated Project Cost:

Design	\$ -
Construction	\$ -
ROW/Easements/Land	\$ -
Other	\$ 175,000
Total	\$ 175,000

Project Schedule:

Design:
 Bid:
 Construction:

Funding Sources:

Private Funding Source	\$ 175,000
------------------------	------------

Project Listing:	Prior Yr	17/18	18/19	19/20	20/21	21/22	Total
Hamilton Park Playground		\$ 175,000					\$ 175,000
							\$ -
							\$ -
							\$ -
							\$ -
							\$ -
							\$ -
Total:	\$ -	\$ 175,000	\$ -	\$ -	\$ -	\$ -	\$ 175,000

Oper Budget Impact:	Prior Yr	17/18	18/19	19/20	20/21	21/22	Total

Notes:

City of Wichita Falls, Texas
Capital Improvement Program
2018-2022

Project: Kiwanis Park Roadway

Responsible Division: Parks

Projected Financial Plan						
Prior Yr	17/18	18/19	19/20	20/21	21/22	Total
\$ -	\$ -	\$ -	\$ 369,500	\$ -	\$ -	\$ 369,500

Description:

University Kiwanis Park has a very deteriorated road throughout the park. The road to the cemetery needs to be completely rehabbed. The road is planned for Recycle in Place because it is much cheaper than Base Repair. Recycle in Place would provide a very good base to lay new asphalt.



Estimated Project Cost:

Design	\$ -
Construction	\$ -
ROW/Easements/Land	\$ -
Other	\$ 369,500
Total	\$ 369,500

Project Schedule:

Design:
 Bid:
 Construction:

Funding Sources:

Undetermined Funding Source	\$ 369,500
-----------------------------	------------

Project Listing:	Prior Yr	17/18	18/19	19/20	20/21	21/22	Total
Kiwanis Park Roadway				\$ 369,500			\$ 369,500
							\$ -
							\$ -
							\$ -
							\$ -
							\$ -
							\$ -
Total:	\$ -	\$ -	\$ -	\$ 369,500	\$ -	\$ -	\$ 369,500

Oper Budget Impact:	Prior Yr	17/18	18/19	19/20	20/21	21/22	Total

Notes:

City of Wichita Falls, Texas
Capital Improvement Program
2018-2022

Project: Falls Bridge and ByPass Trail

Responsible Division: Parks

Projected Financial Plan						
Prior Yr	17/18	18/19	19/20	20/21	21/22	Total
\$ 320,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 320,000

Description:

This project will replace the narrow 6' wide bridge with a 14' wide bridge. This will permit larger and safer events. It will permit City maintenance and security vehicles to pass over the bridge. The trail section from the Falls bridge going east under the I-44 bridge is not ADA accessible. The new trail will be ADA accessible and bypass the existing trail, which will be kept in place.



Estimated Project Cost:

Design	\$ -
Construction	\$ -
ROW/Easements/Land	\$ -
Other	\$ 320,000
Total	\$ 320,000

Project Schedule:

Design:
 Bid:
 Construction:

Funding Sources:

Special Revenue Funds (\$320,000)	\$ 266,200
4B Revenue Funds (\$53,800)	\$ 53,800

Project Listing:	Prior Yr	17/18	18/19	19/20	20/21	21/22	Total
Bridge and Bypass Trail	\$ 320,000						\$ 320,000
							\$ -
							\$ -
							\$ -
							\$ -
Total:	\$ 320,000	\$ -	\$ 320,000				

Oper Budget Impact:

Prior Yr	17/18	18/19	19/20	20/21	21/22	Total

Notes:

City of Wichita Falls, Texas
Capital Improvement Program
2018-2022

Project: Lucy Park Roadway

Responsible Division: Parks

Projected Financial Plan						
Prior Yr	17/18	18/19	19/20	20/21	21/22	Total
\$ -	\$ -	\$ -	\$ -	\$ 886,600	\$ -	\$ 886,600

Description:

The 8,650' long Lucy Park road is deteriorating and needs repair. Lucy Park is the highest attended park. Lucy Park has very poor pavement throughout the entirety of the park. The pavement crown has settled and potholes have grown more frequent. It is recommended to Recycle in Place all roads in the park. The Recycle in Place uses cement and with the existing sandy subgrade should provide for a great base to lay new asphalt. Parking areas are estimated to include some Base Repair and a 2" Overlay. Estimate 5/14.



Estimated Project Cost:

Design	\$ -
Construction	\$ -
ROW/Easements/Land	\$ -
Other	\$ 886,600
Total	\$ 886,600

Project Schedule:

Design:
 Bid:
 Construction:

Funding Sources:

Undetermined Funding Source	\$ 886,600
-----------------------------	------------

Project Listing:	Prior Yr	17/18	18/19	19/20	20/21	21/22	Total
Lucy Park Roadway					\$ 886,600		\$ 886,600
							\$ -
							\$ -
							\$ -
							\$ -
							\$ -
Total:	\$ -	\$ -	\$ -	\$ -	\$ 886,600	\$ -	\$ 886,600

Oper Budget Impact:	Prior Yr	17/18	18/19	19/20	20/21	21/22	Total

Notes:

**City of Wichita Falls, Texas
Capital Improvement Program
2018-2022**

Project: Lake Wichita Land Acquisition near Boat Ramp

Responsible Division: Parks

Projected Financial Plan						
Prior Yr	17/18	18/19	19/20	20/21	21/22	Total
\$ -	\$ -	\$ 350,000	\$ 570,000	\$ 1,400,000	\$ -	\$ 2,320,000

Description:

It is desirable to acquire for park development the 16 or so remaining lots between the new Boat Ramp on Lake Wichita and the Spillway. The cost will include demolition of remaining structures and removal of gravel roads not desired for continued public use. The site will be graded/filled for park development and for future private/public lake development. The lake bottom will be excavated along the site to a depth of five feet. The park will have a large, scenic pavilion, restroom, and an attractive partially covered pier. 100 parking spaces will be constructed to serve the pavilion as well as the proposed private/public lake development. This project has been recommended for many years by the Park Board because it is highly accessible by the public from Kemp Street.



Estimated Project Cost:

Design	\$ -
Construction	\$ 2,070,000
ROW/Easements/Land	\$ 250,000
Total	\$ 2,320,000

Project Schedule:

Design:
Bid:
Construction:

Funding Sources:

Undetermined Funding Source	\$ 2,320,000
-----------------------------	--------------

Project Listing:	Prior Yr	17/18	18/19	19/20	20/21	21/22	Total
Land Acquisition			\$ 250,000				\$ 250,000
Demolition			\$ 50,000				\$ 50,000
Grading/filling			\$ 50,000				\$ 50,000
Lake bottom excavation				\$ 300,000			\$ 300,000
Pavilion					\$ 500,000		\$ 500,000
Pier					\$ 800,000		\$ 800,000
Parking				\$ 250,000			\$ 250,000
Access roads				\$ 20,000			\$ 20,000
Underground utilities					\$ 100,000		\$ 100,000
Total:	\$ -	\$ -	\$ 350,000	\$ 570,000	\$ 1,400,000	\$ -	\$ 2,320,000

Oper Budget Impact:	Prior Yr	17/18	18/19	19/20	20/21	21/22	Total

Notes:

City of Wichita Falls, Texas
Capital Improvement Program
2018-2022

Project: Circle Trail Completion With Spurs

Responsible Division: Parks and Recreation

Projected Financial Plan						
Prior Yr	17/18	18/19	19/20	20/21	21/22	Total
\$ -	\$ -	\$ 2,264,441	\$ 3,914,519	\$ 8,482,354	\$ 6,000,000	\$ 20,661,314

Description:

Complete the 24 mile Circle Trail by connecting the three gaps. Currently, approximately 18 miles are completed or nearing completion. The gaps are 1) between the Lucy Park and the Wichita Bluff Nature Area, 2) between Seymour Highway and Barnett Road, and 3) between Barnett Road and Lake Wichita Park. The latter trail may be partially constructed in Lake Wichita to increase trail interest/attractiveness and to avoid shoreline encroachments.

Also, included are three Circle Trail spurs. These are 1) a two mile spur from the Holliday Creek trail along the BNSF RR ROW through downtown ending at the Wichita River trail @ \$2m, 2) a five mile spur from the Wichita River trail by O'Reilly Park north along the BNSF RR ROW under Spur 325 and under I44 to trailhead at Missile Road @ \$5m, and 3) a 1.5 mile spur, pending Corps of Engineers and MSU approval, from the Holliday Creek trail up the McGrath Creek concrete channel, under five street bridges, connecting with the MSU Sikes Lake trail, continuing through Wood Memorial Park and the Maplewood Drive median under two street bridge replacements, to end at Kemp Street @\$6m. Total new trail length is approximately 8.5 miles, assuming approvals of the McGrath Creek spur.



Estimated Project Cost:

Design	\$ -
Construction	\$ 20,491,314
ROW/Easements/Land	\$ 150,000
Other	\$ 20,000
Total	\$ 20,661,314

Project Schedule:

Design:
 Bid:
 Construction:

Funding Sources:

Undetermined Funding Source	\$ 20,661,314
-----------------------------	---------------

Project Listing:

	Prior Yr	17/18	18/19	19/20	20/21	21/22	Total
Lucy Park to Bluff					\$ 1,482,354		\$ 1,482,354
BNSF trail			\$ 2,264,441				\$ 2,264,441
Barnett to LWP				\$ 3,914,519			\$ 3,914,519
Spurs					\$ 7,000,000	\$ 6,000,000	\$ 13,000,000
Total:	\$ -	\$ -	\$ 2,264,441	\$ 3,914,519	\$ 8,482,354	\$ 6,000,000	\$ 20,661,314

Oper Budget Impact:

Prior Yr	17/18	18/19	19/20	20/21	21/22	Total
						\$ -

Notes:

City of Wichita Falls, Texas
Capital Improvement Program
2018-2022

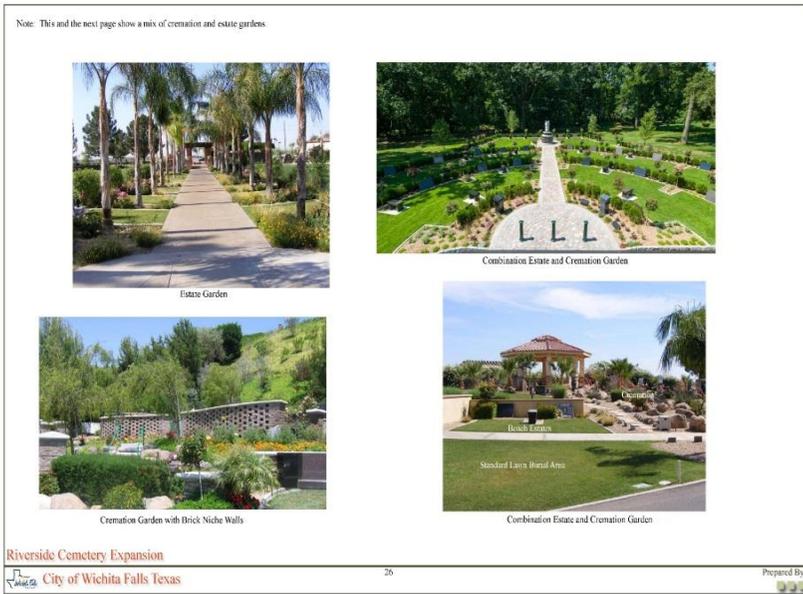
Project: Riverside Cemetery Expansion

Responsible Division: Parks

Projected Financial Plan						
Prior Yr	17/18	18/19	19/20	20/21	21/22	Total
\$ -	\$ 900,000	\$ 350,000	\$ -	\$ -	\$ -	\$ 1,250,000

Description:

A Cemetery Master Plan for Riverside Cemetery was completed in November 2014. The Plan includes a Business Plan that indicates this expansion will allow the cemetery to be self-sufficient in 4 to 6 years through additional gravesites and crematorium spaces. Phase I of this plan includes a new sales building, expansion of gravesites along Cliff Street, in-fill areas, main entry improvements, and a crematorium.



Estimated Project Cost:

Design	\$ -
Construction	\$ 1,250,000
ROW/Easements/Land	\$ -
Total	\$ 1,250,000

Project Schedule:

Design:
Bid:
Construction:

Funding Sources:

Cemetery Perpetual Care Fund	\$ 1,250,000
------------------------------	--------------

Project Listing:	Prior Yr	17/18	18/19	19/20	20/21	21/22	Total
Cemetery Expansion		\$ 900,000	\$ 350,000				\$ 1,250,000
							\$ -
							\$ -
							\$ -
							\$ -
							\$ -
							\$ -
							\$ -
							\$ -
Total:	\$ -	\$ 900,000	\$ 350,000	\$ -	\$ -	\$ -	\$ 1,250,000

Oper Budget Impact:	Prior Yr	17/18	18/19	19/20	20/21	21/22	Total

Notes:

City of Wichita Falls, Texas
Capital Improvement Program
2018-2022

Project: Library Integration

Responsible Division: Library

Projected Financial Plan						
Prior Yr	17/18	18/19	19/20	20/21	21/22	Total
\$ -	\$ -	\$ 95,000	\$ -	\$ -	\$ -	\$ 95,000

Description:

Since automation in 1994, the Library has remained a customer of the Sirsi Dynix (formerly Dynix) company. In 2001, libraries using Dynix were informed that a new product, Horizon was about to be launched, and that the Dynix platform would no longer be supported. WFPL made the switch to Horizon in late 2001, and Sirsi Dynix is now repeating the process, informing Horizon libraries that Horizon will be end-of-lifed within ten years. At this time, the Library wishes to pursue alternate options and bids with other vendors to establish a more consistent relationship, while maintaining current levels of technology. SirsiDynix has announced yet another new product, 'Symphony' that is being touted as Horizon's replacement. An open source software development of significant interest to the library at this point in time is a Canadian product called 'Insignia', which may well come in under the anticipated \$95,000 estimate for a SirsiDynix product.



Estimated Project Cost:

Design	
Construction	\$ -
ROW/Easements/Land	\$ -
Other	\$ 95,000
Total	\$ 95,000

Project Schedule:

Design:
 Bid:
 Construction:

Funding Sources:

Annual Operating Fund (General Funds)

Project Listing:	Prior Yr	17/18	18/19	19/20	20/21	21/22	Total
			\$ 95,000				\$ 95,000
							\$ -
							\$ -
							\$ -
							\$ -
							\$ -
							\$ -
							\$ -
							\$ -
							\$ -
Total:	\$ -	\$ -	\$ 95,000	\$ -	\$ -	\$ -	\$ 95,000

Oper Budget Impact:	Prior Yr	17/18	18/19	19/20	20/21	21/22	Total
							\$ -

City of Wichita Falls, Texas
Capital Improvement Program
2018-2022

Project: Security System Replacement

Responsible Division: Library

Projected Financial Plan						
Prior Yr	17/18	18/19	19/20	20/21	21/22	Total
\$ -	\$ -	\$ 30,000	\$ -	\$ -	\$ -	\$ 30,000

Description:

Replace and upgrade existing security camera system - currently maxed at 16 cameras linked to digital video recorder. Increase number of cameras if possible, implement any other current technology available that will allow surveillance of interior and exterior library areas (including south parking lot and front of building between columns)



Estimated Project Cost:

Design	
Construction	\$ -
ROW/Easements/Land	\$ -
Other	\$ 30,000
Total	\$ 30,000

Project Schedule:

Design:
 Bid:
 Construction:

Funding Sources:

Annual Operating Fund (General Funds)

Project Listing:	Prior Yr	17/18	18/19	19/20	20/21	21/22	Total
Security System			\$ 30,000				\$ 30,000
							\$ -
							\$ -
							\$ -
							\$ -
							\$ -
							\$ -
							\$ -
							\$ -
							\$ -
Total:	\$ -	\$ -	\$ 30,000	\$ -	\$ -	\$ -	\$ 30,000

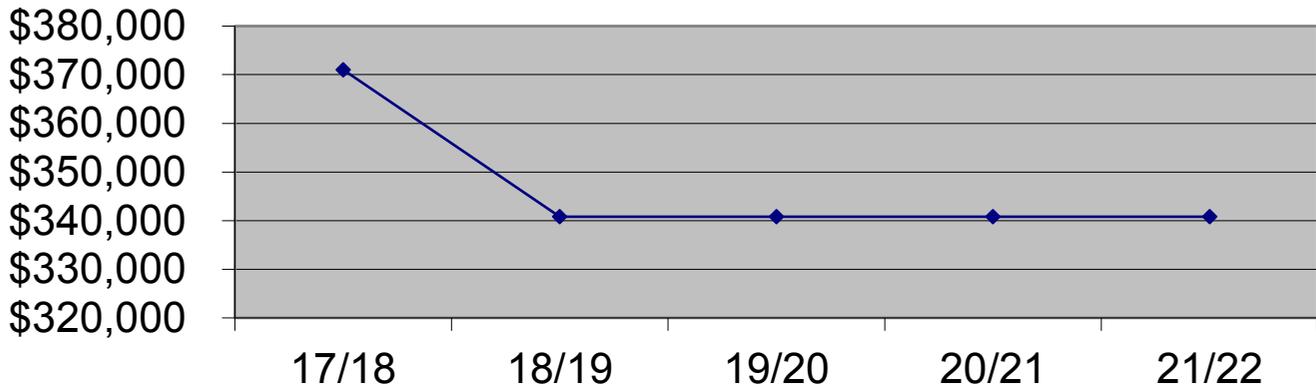
Oper Budget Impact:	Prior Yr	17/18	18/19	19/20	20/21	21/22	Total
							\$ -

City of Wichita Falls, Texas
Traffic Improvements
2018-2022

Traffic related projects include annual improvements to the Traffic Control System and Street Light System. Funds are budgeted annually in the General Fund Operating Budget for the Traffic Control and Street Lighting Systems.

Projected Financial Plan						
	17/18	18/19	19/20	20/21	21/22	Total
Project Cost:	\$ 371,023	\$ 340,800	\$ 340,800	\$ 340,800	\$ 340,800	\$ 1,734,223
Sources of Funding:						
General Operating Funds	\$ 371,023	\$ 340,800	\$ 340,800	\$ 340,800	\$ 340,800	\$ 1,734,223
Total	\$ 371,023	\$ 340,800	\$ 340,800	\$ 340,800	\$ 340,800	\$ 1,734,223

5 Year Expenditure Trend



City of Wichita Falls, Texas
Capital Improvement Program
2018-2022

Project: Traffic Sign Section Changeout

Responsible Division: Traffic

Projected Financial Plan						
Prior Yr	17/18	18/19	19/20	20/21	21/22	Total
\$ 73,416	\$ 75,031	\$ 90,000	\$ 90,000	\$ 90,000	\$ 90,000	\$ 508,447

Description:

This project is to replace all of the traffic signs in one of 15 designated sections in the city. This project is designed to insure that all traffic signs remain in compliance with all State and Federal requirements.



Estimated Project Cost:

Design	\$ -
Construction	\$ 508,447
ROW/Easements/Land	\$ -
Other	\$ -
Total	\$ 508,447

Project Schedule:

Design: N/A
 Bid: N/A
 Construction: Winter quarter annually

Funding Sources:

Annual Operating Funds (General Fund)

Project Listing:	Prior Yr	17/18	18/19	19/20	20/21	21/22	Total
Traffic Sign Replacement	\$ 73,416	\$ 75,031	\$ 90,000	\$ 90,000	\$ 90,000	\$ 90,000	\$ 508,447
							\$ -
							\$ -
							\$ -
							\$ -
							\$ -
							\$ -
Total:	\$ 73,416	\$ 75,031	\$ 90,000	\$ 90,000	\$ 90,000	\$ 90,000	\$ 508,447

Oper Budget Impact:

Prior Yr	17/18	18/19	19/20	20/21	21/22	Total
						\$ -

Notes:

City of Wichita Falls, Texas
Capital Improvement Program
2018-2022

Project: Streetlight Upgrade

Responsible Division: Traffic

Projected Financial Plan						
Prior Yr	17/18	18/19	19/20	20/21	21/22	Total
\$ 69,210	\$ 139,985	\$ 75,000	\$ 75,000	\$ 75,000	\$ 75,000	\$ 509,195

Description:
 New residential streetlight installations, replacement and upgrade of existing streetlight circuits including: fixtures, poles, mast arms and wire.



Estimated Project Cost:

Design	\$ -
Construction	\$ -
ROW/Easements/Land	\$ -
Other	\$ 509,195
Total	\$ 509,195

Project Schedule:
 Design: N/A
 Bid: Annually as needed
 Construction: Annually as needed

Funding Sources:
 Annual Operating Funds (General Fund)

Project Listing:	Prior Yr	17/18	18/19	19/20	20/21	21/22	Total
Streetlights	\$ 69,210	\$ 139,985	\$ 75,000	\$ 75,000	\$ 75,000	\$ 75,000	\$ 509,195
							\$ -
							\$ -
							\$ -
							\$ -
							\$ -
							\$ -
Total:	\$ 69,210	\$ 139,985	\$ 75,000	\$ 75,000	\$ 75,000	\$ 75,000	\$ 509,195

Oper Budget Impact:	Prior Yr	17/18	18/19	19/20	20/21	21/22	Total
							\$ -

Notes:

City of Wichita Falls, Texas
Capital Improvement Program
2018-2022

Project: Traffic Signal Infrastructure Improvements

Responsible Division: Traffic

Projected Financial Plan						
Prior Yr	17/18	18/19	19/20	20/21	21/22	Total
\$ 30,629	\$ 27,586	\$ 47,000	\$ 47,000	\$ 47,000	\$ 47,000	\$ 246,215

Description:
 Replace traffic signal poles, mast arms, wire, conduit, signal heads and hardware as needed.
 FY 14/15 will include a total upgrade of all pedestrian signals in the downtown area.



Estimated Project Cost:

Design	\$ -
Construction	\$ -
ROW/Easements/Land	\$ -
Other	\$ 246,215
Total	\$ 246,215

Project Schedule:
 Design: N/A
 Bid: N/A
 Construction: Annually as required

Funding Sources:
 Annual Operating Funds (General Fund)

Project Listing:	Prior Yr	17/18	18/19	19/20	20/21	21/22	Total
	\$ 30,629	\$ 27,586	\$ 47,000	\$ 47,000	\$ 47,000	\$ 47,000	\$ 246,215
							\$ -
							\$ -
							\$ -
							\$ -
							\$ -
							\$ -
Total:	\$ 30,629	\$ 27,586	\$ 47,000	\$ 47,000	\$ 47,000	\$ 47,000	\$ 246,215

Oper Budget Impact:	Prior Yr	17/18	18/19	19/20	20/21	21/22	Total
							\$ -

Notes:

City of Wichita Falls, Texas
Capital Improvement Program
2018-2022

Project: Traffic Signal Cabinet Replacement

Responsible Division: Traffic

Projected Financial Plan						
Prior Yr	17/18	18/19	19/20	20/21	21/22	Total
\$ 18,300	\$ 50,800	\$ 50,800	\$ 50,800	\$ 50,800	\$ 50,800	\$ 272,300

Description:

This project is to replace three traffic control cabinets during FY 14/15 year and 5 during subsequent years. This schedule will insure that all intersections are updated once every twenty years.



Estimated Project Cost:

Design	\$ -
Construction	\$ -
ROW/Easements/Land	\$ -
Other	\$ 272,300
Total	\$ 272,300

Project Schedule:

Design: n/a
 Bid: Winter quarter annually
 Construction: Summer quarter annually

Funding Sources:

Annual Operating Funds (General Fund)

Project Listing:	Prior Yr	17/18	18/19	19/20	20/21	21/22	Total
Traffic Control Cabinets	\$ 18,300	\$ 50,800	\$ 50,800	\$ 50,800	\$ 50,800	\$ 50,800	\$ 272,300
							\$ -
							\$ -
							\$ -
							\$ -
							\$ -
							\$ -
Total:	\$ 18,300	\$ 50,800	\$ 272,300				

Oper Budget Impact:

Prior Yr	17/18	18/19	19/20	20/21	21/22	Total
						\$ -

Notes:

City of Wichita Falls, Texas
Capital Improvement Program
2018-2022

Project: Traffic Signal Control Equipment

Responsible Division: Traffic

Projected Financial Plan						
Prior Yr	17/18	18/19	19/20	20/21	21/22	Total
\$ 73,450	\$ 77,621	\$ 78,000	\$ 78,000	\$ 78,000	\$ 78,000	\$ 463,071

Description:
 This project is to replace 5 complete intersection detection systems.
 Further, this will allow for the purchase of two set of controller equipment to add additional intersections to the CENTRACS system.
 In subsequent years, additional detection, malfunction monitoring equipment and controllers will be upgraded.



Estimated Project Cost:

Design	\$ -
Construction	\$ -
ROW/Easements/Land	\$ -
Other	\$ 463,071
Total	\$ 463,071

Project Schedule:
 Design: N/A
 Bid: Winter quarter annually
 Construction: Summer quarter annually

Funding Sources:
 Annual Operating Funds (General Fund)

Project Listing:	Prior Yr	17/18	18/19	19/20	20/21	21/22	Total
	73,450	\$ 77,621	\$ 78,000	\$ 78,000	\$ 78,000	\$ 78,000	\$ 463,071
							\$ -
							\$ -
							\$ -
							\$ -
							\$ -
							\$ -
Total:	\$ 73,450	\$ 77,621	\$ 78,000	\$ 78,000	\$ 78,000	\$ 78,000	\$ 463,071

Oper Budget Impact:	Prior Yr	17/18	18/19	19/20	20/21	21/22	Total
							\$ -

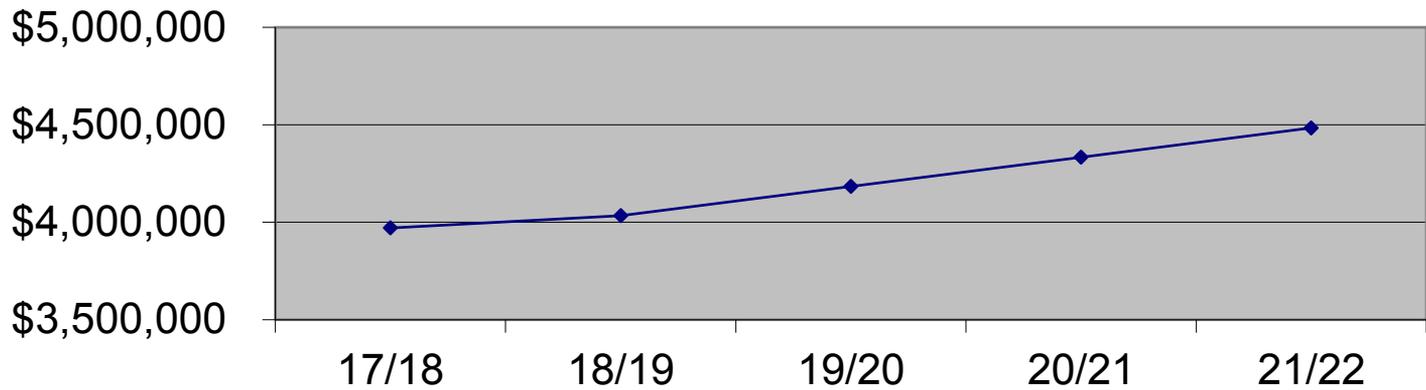
Notes:

City of Wichita Falls, Texas
Fleet Replacements
2018-2022

This Section of the CIP provides for replacement of the City's vehicle fleet. Annual operating funds are sufficient to finance this level of funding for fleet replacements.

Projected Financial Plan						
	17/18	18/19	19/20	20/21	21/22	Total
Project Cost:	\$ 3,970,716	\$ 4,034,216	\$ 4,184,216	\$ 4,334,216	\$ 4,484,216	\$ 21,007,580
Sources of Funding:						
Fleet Operating Funds	\$ 2,114,216	\$ 2,234,216	\$ 2,384,216	\$ 2,534,216	\$ 2,684,216	\$ 11,951,080
Sanitation Operating Funds	\$ 1,356,500	\$ 1,800,000	\$ 1,800,000	\$ 1,800,000	\$ 1,800,000	\$ 8,556,500
Storm Water Operating Funds	\$ 500,000	\$ -	\$ -	\$ -	\$ -	\$ 500,000
Total	\$ 3,970,716	\$ 4,034,216	\$ 4,184,216	\$ 4,334,216	\$ 4,484,216	\$ 21,007,580

5 Year Expenditure Trend



City of Wichita Falls, Texas
Capital Improvement Program
2018-2022

Project: Fleet Capital Replacement

Responsible Division: Central Services

Projected Financial Plan						
Prior Yr	17/18	18/19	19/20	20/21	21/22	Total
\$ 4,024,511	\$ 3,970,716	\$ 4,034,216	\$ 4,184,216	\$ 4,334,216	\$ 4,484,216	\$ 25,032,091

Description:
 Annual Replacement Program for the City's Fleet.



Estimated Project Cost:

Design	
Construction	
ROW/Easements/Land	
Other	\$ 25,032,091
Total	\$ 25,032,091

Project Schedule:
 Design:
 Bid:
 Construction:

Funding Sources:
 Fleet Operating Funds (\$11,849,722)
 Sanitation Operating Funds (\$10,731,000)
 Stormwater Operating Funds (\$142,000)
 FTA Funds (\$35,000)
 General Operating Funds (\$90,000)

Project Listing:	Prior Yr	17/18	18/19	19/20	20/21	21/22	Total
General City Fleet	\$ 1,746,000	\$ 1,580,000	\$ 1,700,000	\$ 1,850,000	\$ 2,000,000	\$ 2,150,000	\$ 11,026,000
Sanitation Fleet	\$ 1,876,000	\$ 1,356,500	\$ 1,800,000	\$ 1,800,000	\$ 1,800,000	\$ 1,800,000	\$ 10,432,500
Storm Water Fleet		\$500,000					\$ 500,000
Police Car Cameras	\$ 59,400	\$ 59,400	\$ 59,400	\$ 59,400	\$ 59,400	\$ 59,400	\$ 356,400
Fire Apparatus	\$ 253,111	\$ 474,816	\$ 474,816	\$ 474,816	\$ 474,816	\$ 474,816	\$ 2,627,191
Street Backhoe/Trailers	\$ 90,000						\$ 90,000
							\$ -
Total:	\$ 4,024,511	\$ 3,970,716	\$ 4,034,216	\$ 4,184,216	\$ 4,334,216	\$ 4,484,216	\$ 25,032,091

Oper Budget Impact:	Prior Yr	17/18	18/19	19/20	20/21	21/22	Total
							\$ -

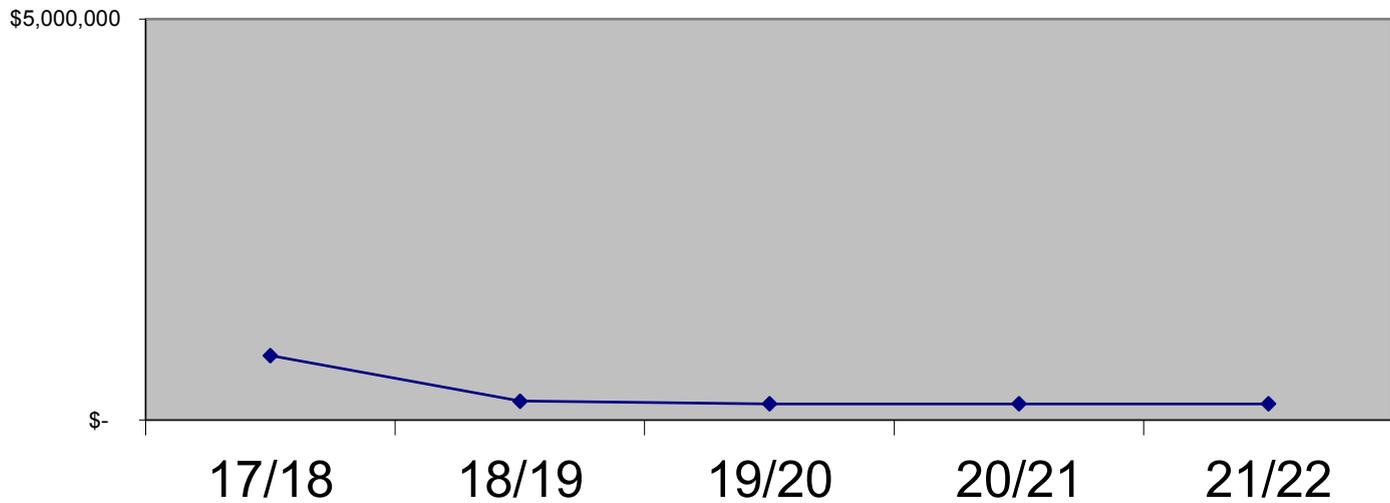
Notes:

City of Wichita Falls, Texas
Airport Improvements
2018-2022

Improvements to the City's two airports are largely funded with annual funding from the Federal Aviation Administration. These grant funds require a matching amount from the City, which has principally been accomplished with local airport operating income. The completion of a commercial airport terminal and various other improvements have been made to the general aviation airport in recent years.

Projected Financial Plan						
	17/18	18/19	19/20	20/21	21/22	Total
Project Cost:	\$ 803,400	\$ 235,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 1,638,400
Sources of Funding:						
FAA	\$ 723,060	\$ 177,150	\$ 150,000	\$ 150,000	\$ 150,000	\$ 1,350,210
General Operating Funds	\$ 80,340	\$ -	\$ -	\$ -	\$ -	\$ 80,340
Airport Operating Funds	\$ -	\$ 57,850	\$ 50,000	\$ 50,000	\$ 50,000	\$ 207,850
Total	\$ 803,400	\$ 235,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 1,638,400

5 Year Expenditure Trend



City of Wichita Falls, Texas
Capital Improvement Program
FY2016 to FY2020

Project: Regional Airport

Responsible Division: Aviation - Wichita Falls Municipal Airport

Projected Financial Plan						
Prior Yr	17/18	18/19	19/20	20/21	21/22	Total
\$ -	\$ 803,400	\$ -	\$ -	\$ -	\$ -	\$ 803,400

Description:
 The City constructed a new Regional Airport Terminal with FAA and City funds a few years ago, and began operations in November 2014. Armstrong Drive, which is the entry road to the new airport is in very rough condition and needs rehabilitation.



Actual & Estimated Project Costs:

Design	
Construction	\$ 803,400
ROW/Easements/Land	
Other	
Total	\$ 803,400

Project Schedule:
 Design:
 Construction:

Funding Sources:

FAA Grant	\$ 723,060
General Operating Funds	\$ 80,340

Project Listing:	Prior Yr	17/18	18/19	19/20	20/21	21/22	Total
Armstrong Drive		\$ 803,400					
Total:	\$ -	\$ 803,400	\$ -	\$ -	\$ -	\$ -	\$ -

Oper Budget Impact:	Prior Yr	17/18	18/19	19/20	20/21	21/22	Total
							\$ -

Notes:

**City of Wichita Falls, Texas
Capital Improvement Program
2018-2022**

Project: Kickapoo Hangar Program

Responsible Division: Aviation - Wichita Falls Kickapoo Airport

Projected Financial Plan						
Prior Yrs	17/18	18/19	19/20	20/21	21/22	Total
\$ -	\$ -	\$ 235,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 835,000

Description:

Hangar #60 needs a 230 ft X 68 ft square foot section of concrete in front of it. Additionally, the long-term plan also called for using our \$150,000 non-primary entitlement funds (\$50,000 local match) to begin reconstructing hangars. The goal was to build 4-5 new hangars (one per year) and then to start demolishing the old hangars and then reconstructing a new hangar in its place.



Estimated Project Cost Phase II & III:

Construction	\$ 835,000
Total	\$ 835,000

Project Schedule:

Construction:
Construction:

Funding Sources:

TxDot Federal & State Funding:	\$751,500
Airport Operating Funds	\$83,500

Project Listing:	Prior Yr	17/18	18/19	19/20	20/21	21/22	Total
Hangar #60 Concrete			\$ 235,000				\$ 235,000
Hangar Demo/Construction				\$ 200,000	\$ 200,000	\$ 200,000	\$ 600,000
							\$ -
							\$ -
							\$ -
Total:	\$ -	\$ -	\$ 235,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 835,000

Oper Budget Impact:

Prior Yr	17/18	18/19	19/20	20/21	21/22	Total
						\$ -

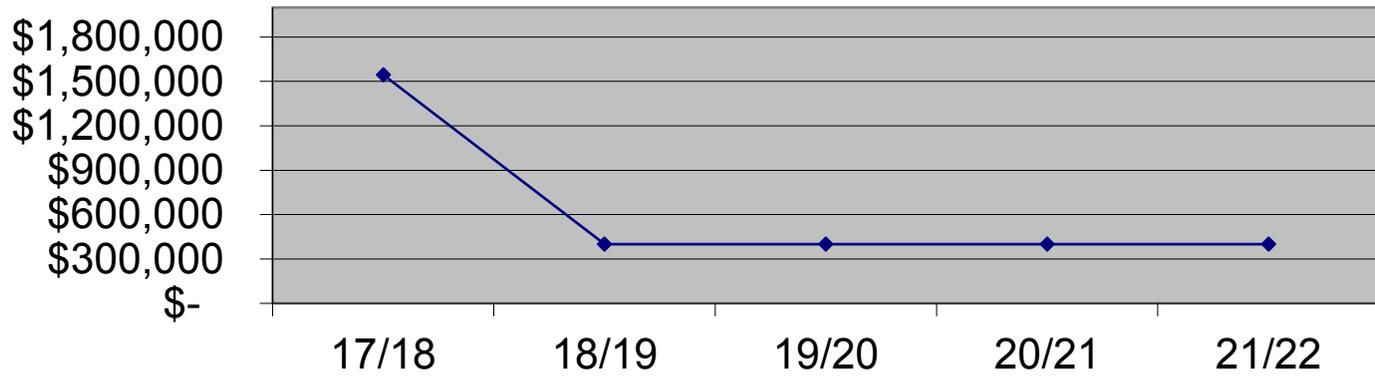
Notes:

City of Wichita Falls, Texas
Transit System Improvements
2018-2022

This section of the CIP principally includes replacement of buses for the City's Transit System. All of this funding is available through FTA Grant Funds and City matching funds. It also includes the Transit improvements at the front gate of SAFB, which is also funded.

Projected Financial Plan						
	17/18	18/19	19/20	20/21	21/22	Total
Project Cost:	\$ 1,545,115	\$ 400,000	\$ 400,000	\$ 400,000	\$ 400,000	\$ 3,145,115
Sources of Funding:						
FTA Funds	\$ 1,545,115	\$ 320,000	\$ 320,000	\$ 320,000	\$ 320,000	\$ 2,825,115
General Operating Funds	\$ -	\$ 80,000	\$ 80,000	\$ 80,000	\$ 80,000	\$ 320,000
Total	\$ 1,545,115	\$ 400,000	\$ 400,000	\$ 400,000	\$ 400,000	\$ 3,145,115

5 Year Expenditure Trend



City of Wichita Falls, Texas
Capital Improvement Program
2018-2022

Project: Transit Fleet

Responsible Division: Public Transportation

Projected Financial Plan						
Prior Yr	17/18	18/19	19/20	20/21	21/22	Total
\$ 185,000	\$ 1,265,115	\$ 400,000	\$ 400,000	\$ 400,000	\$ 400,000	\$ 3,050,115

Description:

Replacement Buses for the Transit System. In 2017-18 the City received a grant from the Federal Transit Administration to purchase three buses. In the following years, FTA Funds and City Matching funds will be used for one bus per year.



Estimated Project Cost:

Design	
Construction	
ROW/Easements/Land	
Other	\$ 3,050,115
Total	\$ 3,050,115

Project Schedule:

Design: N/A
 Bid:
 Delivery:

Funding Sources:

FTA (\$2,730,115)
 General Operating Funds (\$320,000)

Project Listing:	Prior Yr	17/18	18/19	19/20	20/21	21/22	Total
Bus Replacement	\$ 185,000	\$ 1,265,115	\$ 400,000	\$ 400,000	\$ 400,000	\$ 400,000	\$ 3,050,115
							\$ -
							\$ -
							\$ -
							\$ -
Total:	\$ 185,000	\$ 1,265,115	\$ 400,000	\$ 400,000	\$ 400,000	\$ 400,000	\$ 3,050,115

Oper Budget Impact:	Prior Yr	17/18	18/19	19/20	20/21	21/22	Total
							\$ -

Notes:

City of Wichita Falls, Texas
Capital Improvement Program
2018-2022

Project: SAFB Main Gate Transit Improvements

Responsible Division: Public Transportation

Projected Financial Plan						
Prior Yr	17/18	18/19	19/20	20/21	21/22	Total
\$ 668,500	\$ 280,000	\$ -	\$ -	\$ -	\$ -	\$ 948,500

Description:

Several dilapidated buildings were acquired, abated, and demolished at the main gate of Sheppard Air Force Base as part of a Gate Perimeter Security Project. When the area is completely cleared, Federal Transit Administration Funds and the required matching funds from the Wichita Falls Economic Development Corporation will be used to make improvements to the Transit pick-up and drop off area at that location. This phase of the project will consist of parking, landscaping, and improved bus sheltering.



Estimated Project Cost:

Design	\$ 61,500
Construction	\$ 887,000
ROW/Easements/Land	
Other	
Total	\$ 948,500

Project Schedule:

Design:	Spring 2017
Bid:	Summer 2017
Delivery:	Fall 2017

Funding Sources:

FTA (\$580,000)
Wichita Falls EDC (\$368,500)

Project Listing:	Prior Yr	17/18	18/19	19/20	20/21	21/22	Total
SAFB Main Gate	\$ 668,500	\$ 280,000					\$ 948,500
							\$ -
							\$ -
							\$ -
							\$ -
Total:	\$ 668,500	\$ 280,000	\$ -	\$ -	\$ -	\$ -	\$ 948,500

Oper Budget Impact:	Prior Yr	17/18	18/19	19/20	20/21	21/22	Total
							\$ -

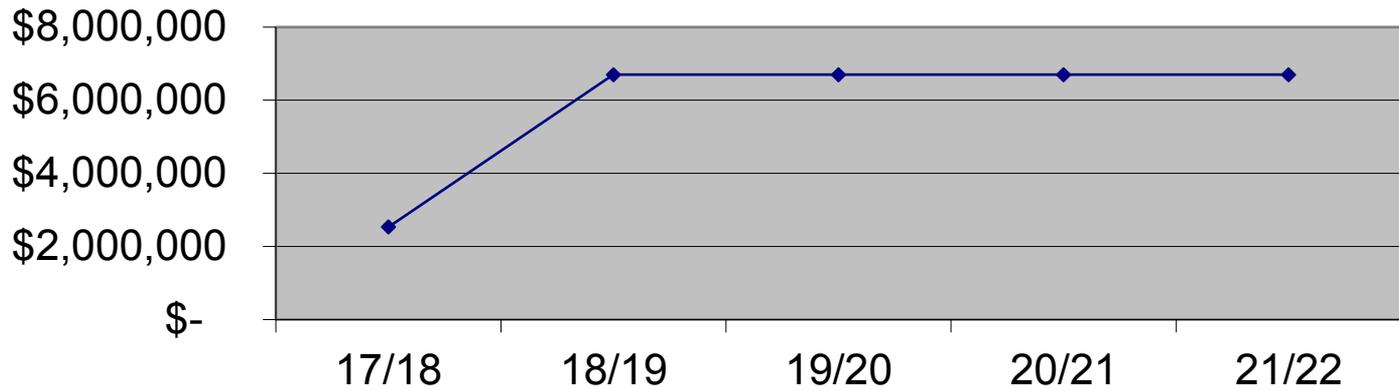
Notes:

City of Wichita Falls, Texas
Street System Improvements
2018-2022

This Section of the CIP includes both annual overlay projects and reconstruction of various street systems. Funding for \$2.5 million in annual overlay program is included in the General Operating Budget. The remaining street improvement projects will require additional funding.

Projected Financial Plan						
	17/18	18/19	19/20	20/21	21/22	Total
Project Cost:	\$ 2,530,000	\$ 6,701,000	\$ 6,701,000	\$ 6,701,000	\$ 6,701,000	\$ 29,334,000
Sources of Funding:						
General Operating Funds	\$ 2,530,000	\$ 2,530,000	\$ 2,530,000	\$ 2,530,000	\$ 2,530,000	\$ 12,650,000
Undetermined Funds	\$ -	\$ 4,171,000	\$ 4,171,000	\$ 4,171,000	\$ 4,171,000	\$ 16,684,000
Total	\$ 2,530,000	\$ 6,701,000	\$ 6,701,000	\$ 6,701,000	\$ 6,701,000	\$ 29,334,000

5 Year Expenditure Trend



**City of Wichita Falls, Texas
Capital Improvement Program
2018-2022**

Project: Street Rehabilitation Project

Responsible Division: Street Maintenance

Projected Financial Plan						
Prior Yr	17/18	18/19	19/20	20/21	21/22	Total
\$ 2,931,000	\$ 2,530,000	\$ 6,701,000	\$ 6,701,000	\$ 6,701,000	\$ 6,701,000	\$ 32,265,000

Description:

The City has over 540 miles of roadway to be maintained. The City conducted a Street Assessment of all the roadways and will continue to update on a 4-year rotation. The life expectancy for most of the street surfaces in this city is about 15 to 20 years. The report recommended at least \$7M in funding per year to maintain the current overall City Pavement Condition Index; however, the City has been funding \$2.48M General Fund and \$400K 4B Sales Tax Fund per year. Additionally, the \$400K from the 4B Sales Tax may no longer be available. The funding is used for maintenance and reconstruction of existing streets. The streets are chosen base upon the PCI, traffic counts and maintenance issues. Every \$300,000 will complete approximately 1 miles of street. These funds would renovate approximately 108 miles over the five year period.



Estimated Project Cost:

Design	\$ -
Construction	\$ 32,265,000
ROW/Easements/Land	\$ -
Other	\$ -
Total	\$ 32,265,000

Project Schedule:

Design: N/A
Bid: Spring
Construction: Summer

Funding Sources:

Annual Operating Funds (\$15,181,000)
4B Sales Tax (\$400,000)
Undetermined (\$16,884,000)

Project Listing:	Prior Yr	17/18	18/19	19/20	20/21	21/22	Total
Street Rehabilitation	\$ 2,330,000	\$ 2,330,000	\$ 6,500,000	\$ 6,500,000	\$ 6,500,000	\$ 6,500,000	\$ 30,660,000
Street Crack Seal	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 600,000
Maintenance	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 300,000
Street Assessment	\$ 400,000						\$ 400,000
Downtown Street Rehab							
Lake Arrowhead Road Rehab	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 180,000
Cemetery Road Rehab	\$ 21,000	\$ 20,000	\$ 21,000	\$ 21,000	\$ 21,000	\$ 21,000	\$ 125,000
Total:	\$ 2,931,000	\$ 2,530,000	\$ 6,701,000	\$ 6,701,000	\$ 6,701,000	\$ 6,701,000	\$ 32,265,000

Oper Budget Impact:	Prior Yr	17/18	18/19	19/20	20/21	21/22	Total
							\$ -

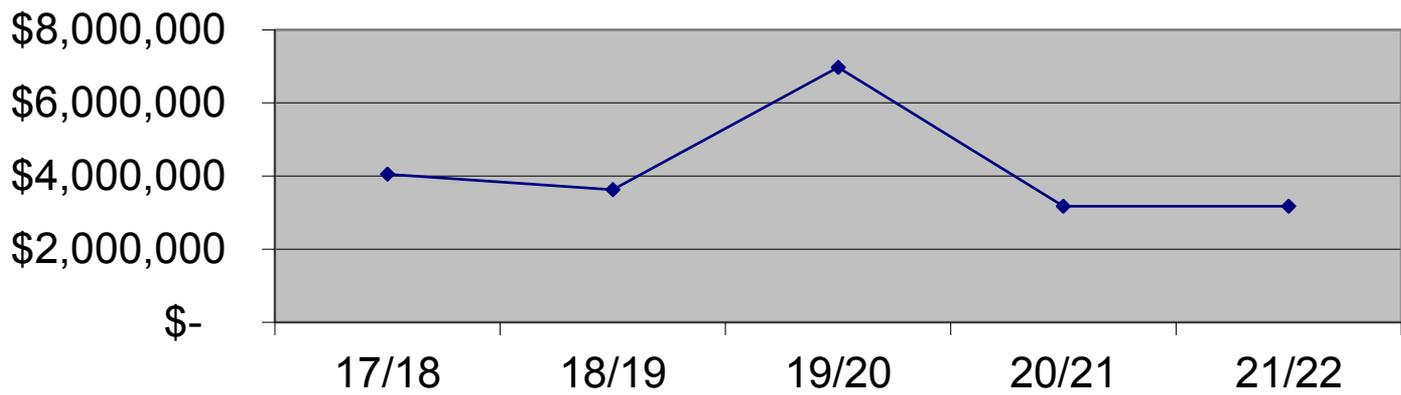
Notes:

City of Wichita Falls, Texas
Water System Improvements
2018-2022

This Section of the CIP includes major improvements to the City's Water Supply, Treatment and Distribution Systems. Nearly, \$16 million of the repairs to the system are accomplished through annual operating funds. However, several of these projects will require additional funding sources yet to be determined. The most likely source is the issuance of additional Water System Revenue Bonds. If these bonds were to be issued, then water rate increases would be required.

Projected Financial Plan						
	17/18	18/19	19/20	20/21	21/22	Total
Project Cost:	\$ 4,053,710	\$ 3,631,000	\$ 6,976,000	\$ 3,176,000	\$ 3,176,000	\$ 21,012,710
Water/Sewer Operating Funds	\$ 4,053,710	\$ 2,976,000	\$ 2,976,000	\$ 2,976,000	\$ 2,976,000	\$ 15,957,710
CDBG Grant Funds	\$ -	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 800,000
Undetermined Funds	\$ -	\$ 455,000	\$ 3,800,000	\$ -	\$ -	\$ 4,255,000
 Total	 \$ 4,053,710	 \$ 3,631,000	 \$ 6,976,000	 \$ 3,176,000	 \$ 3,176,000	 \$ 21,012,710

5 Year Expenditure Trend



City of Wichita Falls, Texas
Capital Improvement Program
2018-2022

Project: Lake Kickapoo Raw Water Line Evaluation

Responsible Division: Water Source

Projected Financial Plan						
Prior Yr	17/18	18/19	19/20	20/21	21/22	Total
\$ 125,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 125,000

Description: The Lake Arrowhead Raw Water line was evaluated several years ago to improve its reliability and work on that project is complete. The Lake Kickapoo Raw Water Line is 30 years older than the Lake Arrowhead Raw Water Line and is experiencing an increase in the number and frequency of leaks. The Lake Kickapoo Raw Water Line is a different material than that of Lake Arrowhead and will not require the same level of evaluation that Arrowhead did. Therefore, in an effort to determine the condition of the pipeline, it is recommended that a survey for leaks be performed by running acoustic equipment along the 15 mile length of the pipeline to determine the number, magnitude and location of any leaks within the pipeline. Based on this study, pipeline. a repair/rehabilitation project would be put together to improve this line, increase its reliability and decrease its loss of water.



Estimated Project Cost:

Mobilization	
Assessment	\$ 125,000
ROW/Easements/Land	\$ -
Other	
Total	\$ 125,000

Project Schedule:
 Mobilization
 Assessment

Funding Sources:
 Annual Operating Budget (Water/Sewer Fund)

Project Listing:	Prior Yr	17/18	18/19	19/20	20/21	21/22	Total
Assessment (15 miles)	\$ 125,000						\$ 125,000
							\$ -
							\$ -
							\$ -
							\$ -
							\$ -
Total:	\$ 125,000	\$ -	\$ 125,000				

Oper Budget Impact:	Prior Yr	17/18	18/19	19/20	20/21	21/22	Total
							\$ -

Notes:

City of Wichita Falls, Texas
Capital Improvement Program
2018-2022

Project: Replacement of Pontoon Boat

Responsible Division: Water Source

Projected Financial Plan						
Prior Yr	17/18	18/19	19/20	20/21	21/22	Total
\$ -	\$ 50,000	\$ -	\$ -	\$ -	\$ -	\$ 50,000

Description:
 The existing pontoon boat that is used at the lakes to apply chemicals and survey lake conditions is aged and very small for the purposes used. This funding would purchase a 30' pontoon boat.

Estimated Project Cost:	
Design	\$ -
Construction	\$ 50,000
ROW/Easements/Land	\$ -
Other	\$ -
Total	\$ 50,000

Project Schedule:
 Design:
 Bid:
 Construction:

Funding Sources:
 Annual Operating Budget (Water/Sewer Fund)

Project Listing:	Prior Yr	17/18	18/19	19/20	20/21	21/22	Total
Pontoon Boat		\$ 50,000					\$ 50,000
							\$ -
							\$ -
							\$ -
							\$ -
							\$ -
							\$ -
Total:	\$ -	\$ 50,000	\$ -	\$ -	\$ -	\$ -	\$ 50,000

Oper Budget Impact:	Prior Yr	17/18	18/19	19/20	20/21	21/22	Total
							\$ -

Notes:

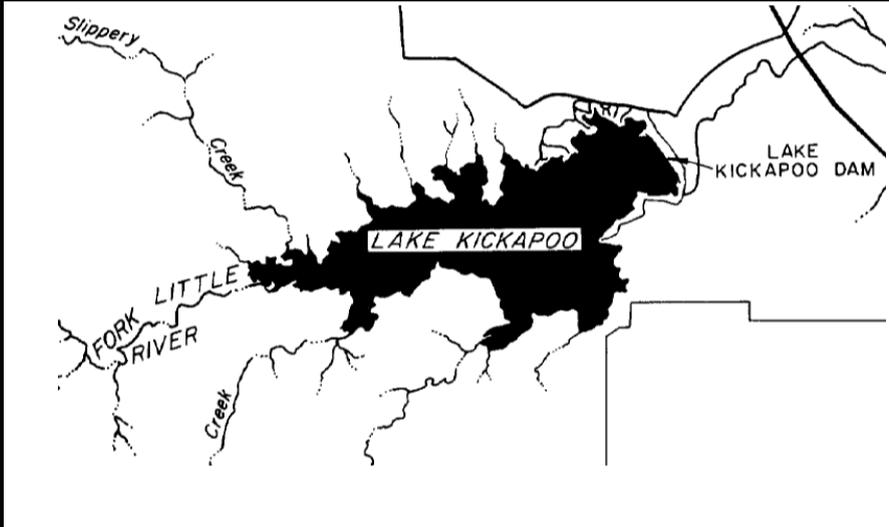
**City of Wichita Falls, Texas
Capital Improvement Program
2018-2022**

Project: New Lake Kickapoo Pump Station

Responsible Division: Water Source

Projected Financial Plan						
Prior Yr	17/18	18/19	19/20	20/21	21/22	Total
\$ -	\$ -	\$ 150,000	\$ 1,500,000	\$ -	\$ -	\$ 1,650,000

Description: The existing Lake Kickapoo Pump Station is over 60 years old and has had only minor changes made to it course of that time. Current work in the station is not easy for the maintenance crews to perform because of the limited space that is left after previous expansions to the equipment. This facility needs to be demolished and a new building constructed to house the expanding size and number of equipment. Maintenance equipment should be built into the new structure to help facilitate future maintenance activities, such as an overhead crane. Further, climate control to the Motor Control Centers would help extend the life of these very expensive pieces of hardware. Currently, they are operated at ambient temperature. It would also present us with the opportunity to monitor the pumps/motors for failure in a preventative fashion. Work on this facility would include Demolition, and Asbestos Abatement, as well, reconstruction with Block/Brick Face. These construction features serve to increase the overall costs of the facility, as compared to new construction facilities that are presented else where in the budget.



Estimated Project Cost:

Design	\$ 150,000
Construction	\$ 1,500,000
ROW/Easements/Land	\$ -
Other	\$ -
Total	\$ 1,650,000

Project Schedule:
Design:
Bid:
Construction:

Funding Sources:
Undetermined Funding Source

Project Listing:	Prior Yr	17/18	18/19	19/20	20/21	21/22	Total
Design	\$ -	\$ -	\$ 150,000	\$ -	\$ -	\$ -	\$ 150,000
Construction	\$ -	\$ -	\$ -	\$ 1,500,000	\$ -	\$ -	\$ 1,500,000
	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total:	\$ -	\$ -	\$ 150,000	\$ 1,500,000	\$ -	\$ -	\$ 1,650,000

Oper Budget Impact:	Prior Yr	17/18	18/19	19/20	20/21	21/22	Total
							\$ -

Notes:

City of Wichita Falls, Texas
Capital Improvement Program
2018-2022

Project: Micro Filtration Elements

Responsible Division: Water Purification

Projected Financial Plan						
Prior Yr	17/18	18/19	19/20	20/21	21/22	Total
\$ 421,000	\$ 421,000	\$ 421,000	\$ 421,000	\$ 421,000	\$ 421,000	\$ 2,526,000

Description:

Microfiltration (MF) elements have a life expectancy of approximately 10 years. Funds are set aside annually.



Estimated Project Cost:

Design	\$ -
Construction	\$ 2,526,000
ROW/Easements/Land	\$ -
Other	\$ -
Total	\$ 2,526,000

Project Schedule:

Design:
 Bid:
 Construction:

Funding Sources:

Annual Operating Budget (Water/Sewer Fund)

Project Listing:	Prior Yr	17/18	18/19	19/20	20/21	21/22	Total
MicroFiltration Elements	\$ 421,000	\$ 421,000	\$ 421,000	\$ 421,000	\$ 421,000	\$ 421,000	\$ 2,526,000
							\$ -
							\$ -
							\$ -
							\$ -
							\$ -
Total:	\$ 421,000	\$ 2,526,000					

Oper Budget Impact:

Prior Yr	17/18	18/19	19/20	20/21	21/22	Total
						\$ -

Notes:

City of Wichita Falls, Texas
Capital Improvement Program
2018-2022

Project: Reverse Osmosis Elements

Responsible Division: Water Purification

Projected Financial Plan						
Prior Yr	17/18	18/19	19/20	20/21	21/22	Total
\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 1,200,000

Description:

Reverse Osmosis (RO) elements have a life expectancy of approximately 7 years. Funds are set aside annually.



Estimated Project Cost:

Design	\$ -
Construction	\$ 1,200,000
ROW/Easements/Land	\$ -
Other	\$ -
Total	\$ 1,200,000

Project Schedule:

Design:
 Bid:
 Construction:

Funding Sources:

Annual Operating Budget (Water/Sewer Fund)

Project Listing:	Prior Yr	17/18	18/19	19/20	20/21	21/22	Total
RO Elements	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 1,200,000
							\$ -
							\$ -
							\$ -
							\$ -
							\$ -
							\$ -
Total:	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 1,200,000

Oper Budget Impact:	Prior Yr	17/18	18/19	19/20	20/21	21/22	Total
							\$ -

Notes:

City of Wichita Falls, Texas
Capital Improvement Program
2018-2022

Project: ICP-MS Equipment

Responsible Division: Water Purification

Projected Financial Plan						
Prior Yr	17/18	18/19	19/20	20/21	21/22	Total
\$ -	\$ 185,000	\$ -	\$ -	\$ -	\$ -	\$ 185,000

Description:

The Inductively Coupled Plasma Mass Spectrometer (ICP-MS) is an instrument used in the Water Purification Division to help determine the metals concentrations in water. This is a replacement instrument for the existing unit that is 15 years old. The existing unit will no longer be supported by the manufacturer after October 1, 2017. The instrument is capable of analyzing for almost all metals, of which Wichita Falls has particular interest in Arsenic, Lead, Copper and Selenium.

Estimated Project Cost:

Design	\$ -
Construction	\$ 185,000
ROW/Easements/Land	\$ -
Other	\$ -
Total	\$ 185,000

Project Schedule:

Design:
 Bid:
 Construction:

Funding Sources:

Annual Operating Budget (Water/Sewer Fund)

Project Listing:

ICP-MS Equipment

Prior Yr	17/18	18/19	19/20	20/21	21/22	Total
	\$ 185,000					\$ 185,000
						\$ -
						\$ -
						\$ -
						\$ -
						\$ -
Total:	\$ -	\$ 185,000	\$ -	\$ -	\$ -	\$ 185,000

Oper Budget Impact:

Prior Yr	17/18	18/19	19/20	20/21	21/22	Total
						\$ -

Notes:

City of Wichita Falls, Texas
Capital Improvement Program
2018-2022

Project: Gas Chromatograph

Responsible Division: Water Purification

Projected Financial Plan						
Prior Yr	17/18	18/19	19/20	20/21	21/22	Total
\$ 120,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 120,000

Description:

This is a replacement of the current unit that will not be supported by the manufacturer any longer after this year. The Ion Chromatograph is used for regulatory reporting purposes, in analyzing for Chlorite and Fluoride, as well as helping identify other ion salts of concern.



Estimated Project Cost:

Design	\$ -
Construction	\$ -
ROW/Easements/Land	\$ -
Other	\$ 120,000
Total	\$ 120,000

Project Schedule:

Design:
 Bid:
 Construction:

Funding Sources:

Water/Sewer Annual Operating

Project Listing:	Prior Yr	17/18	18/19	19/20	20/21	21/22	Total
Gas Chromatograph	\$ 120,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 120,000
	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total:	\$ 120,000	\$ -	\$ 120,000				

Oper Budget Impact:	Prior Yr	17/18	18/19	19/20	20/21	21/22	Total
							\$ -

Notes:

City of Wichita Falls, Texas
Capital Improvement Program
2018-2022

Project: Lab Autotitrators

Responsible Division: Water Purification

Projected Financial Plan						
Prior Yr	17/18	18/19	19/20	20/21	21/22	Total
\$ -	\$ 32,710	\$ -	\$ -	\$ -	\$ -	\$ 32,710

Description:
 The Autotitrators are instruments used in the Water Purification Division to perform Chlorine Residual analysis, Chlorine Dioxide Analysis, Alkalinity and Hardness determinations, These are replacement units for the existing titrators that are 20 years old.

Estimated Project Cost:	
Design	\$ -
Construction	\$ 32,710
ROW/Easements/Land	\$ -
Other	\$ -
Total	\$ 32,710

Project Schedule:
 Design:
 Bid:
 Construction:

Funding Sources:
 Annual Operating Budget (Water/Sewer Fund)

Project Listing:	Prior Yr	17/18	18/19	19/20	20/21	21/22	Total
Autotitrators		\$ 32,710					\$ 32,710
							\$ -
							\$ -
							\$ -
							\$ -
							\$ -
							\$ -
Total:	\$ -	\$ 32,710	\$ -	\$ -	\$ -	\$ -	\$ 32,710

Oper Budget Impact:	Prior Yr	17/18	18/19	19/20	20/21	21/22	Total
							\$ -

Notes:

City of Wichita Falls, Texas
Capital Improvement Program
2018-2022

Project: C102 Controllers

Responsible Division: Water Purification

Projected Financial Plan						
Prior Yr	17/18	18/19	19/20	20/21	21/22	Total
\$ -	\$ 50,000	\$ -	\$ -	\$ -	\$ -	\$ 50,000

Description:

The C102 Controller is the "brains" of the Chlorine Dioxide generators that produce Chlorine Dioxide for disinfection. The second controller will be replacing the an older controller on the last generator at the Secondary Reservoir. (Water Purification replaced the other 2 controllers in previous budget cycles). This C102 Controller will be a spare unit that sits on the shelf and installed in the event that one of the Chlorine Dioxide Generators has a catastrophic failure. Since the disinfection process is critical to the production of safe drinking water and the Chlorine Dioxide plays a key role in that process, it is paramount that the generators be repairable in a moments notice to ensure continuous disinfection practices.

Estimated Project Cost:

Design	\$ -
Construction	\$ 50,000
ROW/Easements/Land	\$ -
Other	\$ -
Total	\$ 50,000

Project Schedule:

Design:
 Bid:
 Construction:

Funding Sources:

Annual Operating Budget (Water/Sewer Fund)

Project Listing:

C102 Controller (2)

	Prior Yr	17/18	18/19	19/20	20/21	21/22	Total
		\$ 50,000					\$ 50,000
							\$ -
							\$ -
							\$ -
							\$ -
							\$ -
Total:	\$ -	\$ 50,000	\$ -	\$ -	\$ -	\$ -	\$ 50,000

Oper Budget Impact:

	Prior Yr	17/18	18/19	19/20	20/21	21/22	Total
							\$ -

Notes:

City of Wichita Falls, Texas
Capital Improvement Program
2018-2022

Project: Secondary Reservoir Chlorine Dioxide Disinfection Controllers

Responsible Division: Water Purification

Projected Financial Plan						
Prior Yr	17/18	18/19	19/20	20/21	21/22	Total
\$ 54,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 54,000

Description:

The replacement of the Chlorine Dioxide controllers is to update the Chlorine Dioxide Disinfection system, which is required to meet regulatory requirements for inactivation of pathogens from the drinking water.

Estimated Project Cost:

Design	\$ -
Construction	
ROW/Easements/Land	\$ -
Other	\$ 54,000
Total	\$ 54,000

Project Schedule:

Design:
 Bid:
 Construction:

Funding Sources:

Annual Operating Budget (Water/Sewer Fund)

Project Listing:	Prior Yr	17/18	18/19	19/20	20/21	21/22	Total
Future Project TBD	\$ 54,000						\$ 54,000
							\$ -
							\$ -
							\$ -
							\$ -
							\$ -
							\$ -
Total:	\$ 54,000	\$ -	\$ 54,000				

Oper Budget Impact:	Prior Yr	17/18	18/19	19/20	20/21	21/22	Total
							\$ -

Notes:

City of Wichita Falls, Texas
Capital Improvement Program
2018-2022

Project: Headquarters Road Chlorine Dioxide Generators

Responsible Division: Water Purification

Projected Financial Plan						
Prior Yr	17/18	18/19	19/20	20/21	21/22	Total
\$ 274,500	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 274,500

Description:

The Headquarters Road Chlorine Dioxide Generators have been in operation since 2008. The Generators that are in place are older, inefficient units that require a huge amount of maintenance to operate properly and suffer from design flaws at higher ambient temperatures during the summer. We are requesting to replace the 5 older units with 3 new state-of-the-art Chlorine Dioxide generators. The 3 new Generators will be of the same design as the ones operated at the Secondary Reservoir and have given little to no operational problems in the past.

Estimated Project Cost:

Design	\$ -
Construction	
ROW/Easements/Land	\$ -
Other	\$ 274,500
Total	\$ 274,500

Project Schedule:

Design:
 Bid:
 Construction:

Funding Sources:

Annual Operating Budget (Water/Sewer Fund)

Project Listing:	Prior Yr	17/18	18/19	19/20	20/21	21/22	Total
Chlorine Dioxide Generators	\$ 274,500						\$ 274,500
							\$ -
							\$ -
							\$ -
							\$ -
							\$ -
							\$ -
Total:	\$ 274,500	\$ -	\$ 274,500				

Oper Budget Impact:	Prior Yr	17/18	18/19	19/20	20/21	21/22	Total
							\$ -

Notes:

City of Wichita Falls, Texas
Capital Improvement Program
2018-2022

Project: Large Valve Replacement Program

Responsible Division: Water Distribution

Projected Financial Plan						
Prior Yr	17/18	18/19	19/20	20/21	21/22	Total
\$ 155,000	\$ 155,000	\$ 155,000	\$ 155,000	\$ 155,000	\$ 155,000	\$ 930,000

Description:

Replacement of several large valves throughout the Water Distribution System. In addition, valves will be added at strategic locations.



Estimated Project Cost:

Design	\$ -
Construction	\$ 930,000
ROW/Easements/Land	\$ -
Other	\$ -
Total	\$ 930,000

Project Schedule:

Design:
 Bid:
 Construction:

Funding Sources:

Annual Operating Budget (Water/Sewer Fund)

Project Listing:	Prior Yr	17/18	18/19	19/20	20/21	21/22	Total
Annual Valve Program	\$ 155,000	\$ 155,000	\$ 155,000	\$ 155,000	\$ 155,000	\$ 155,000	\$ 930,000
							\$ -
							\$ -
							\$ -
							\$ -
							\$ -
							\$ -
							\$ -
Total:	\$ 155,000	\$ 155,000	\$ 155,000	\$ 155,000	\$ 155,000	\$ 155,000	\$ 930,000

Oper Budget Impact:

Prior Yr	17/18	18/19	19/20	20/21	21/22	Total
						\$ -

Notes:

**City of Wichita Falls, Texas
Capital Improvement Program
2018-2022**

Project: Cypress 61 Plant Rehabilitation

Responsible Division: Water Purification

Projected Financial Plan						
Prior Yr	17/18	18/19	19/20	20/21	21/22	Total
\$ -	\$ -	\$ 305,000	\$ 2,300,000	\$ -	\$ -	\$ 2,605,000

Description: This plant has been in service since 1961. Several components have been replaced over the years, however the plant has not undergone a significant rehabilitation. During an internal study several components were determined to be in need of rehab or replacement. This rehabilitation project would affect all of the major components of the treatment train; flocculators, baffles, wiers, filter media, filter controls and filter backwash components. This rehab is also necessary to assure that this plant can meet all of the drinking water requirements.



Estimated Project Cost:	
Design	\$ 230,000
Construction	\$ 2,300,000
ROW/Easements/Land	\$ -
Other (Prel Eng Study)	\$ 75,000
Total	\$ 2,605,000

Project Schedule:

Design:
Bid:
Construction:

Funding Sources:

Undetermined Funding Source

Project Listing:	Prior Yr	17/18	18/19	19/20	20/21	21/22	Total
Preliminary Eng Study	\$ -	\$ -	\$ 75,000	\$ -	\$ -	\$ -	\$ 75,000
Design	\$ -	\$ -	\$ 230,000	\$ -	\$ -	\$ -	\$ 230,000
Flocculators	\$ -	\$ -	\$ -	\$ 1,500,000	\$ -	\$ -	\$ 1,500,000
Baffles	\$ -	\$ -	\$ -	\$ 250,000	\$ -	\$ -	\$ 250,000
Wiers	\$ -	\$ -	\$ -	\$ 250,000	\$ -	\$ -	\$ 250,000
Filter Media	\$ -	\$ -	\$ -	\$ 150,000	\$ -	\$ -	\$ 150,000
Filter Control/Backwash	\$ -	\$ -	\$ -	\$ 150,000	\$ -	\$ -	\$ 150,000
Total:	\$ -	\$ -	\$ 305,000	\$ 2,300,000	\$ -	\$ -	\$ 2,605,000

Oper Budget Impact:	Prior Yr	17/18	18/19	19/20	20/21	21/22	Total
							\$ -

Notes: All figures to be confirmed (adjusted) based on the Preliminary Engineering Study

City of Wichita Falls, Texas
Capital Improvement Program
2018-2022

Project: Water Distribution System Rehabilitation.

Responsible Division: Water Distribution

Projected Financial Plan						
Prior Yr	17/18	18/19	19/20	20/21	21/22	Total
\$ 1,144,000	\$ 1,030,000	\$ 1,400,000	\$ 1,400,000	\$ 1,400,000	\$ 1,400,000	\$ 7,774,000

Description:

Public Works annual budget utility improvement project for water main replacement. Locations will be throughout the City.



Estimated Project Cost:

Design	\$ -
Construction	\$ 7,774,000
ROW/Easements/Land	\$ -
Other	\$ -
Total	\$ 7,774,000

Project Schedule:

Design:
 Bid:
 Construction:

Funding Sources:

Water/Sewer Annual Operating (\$6,830,000)
 CDBG Funds (\$944,000)

Project Listing:	Prior Yr	17/18	18/19	19/20	20/21	21/22	Total
Budget Util Improvement	\$ 1,000,000	\$ 1,030,000	\$ 1,200,000	\$ 1,200,000	\$ 1,200,000	\$ 1,200,000	\$ 6,830,000
Water Lines (CDBG)	\$ 144,000	\$ -	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 944,000
	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total:	\$ 1,144,000	\$ 1,030,000	\$ 1,400,000	\$ 1,400,000	\$ 1,400,000	\$ 1,400,000	\$ 7,774,000

Oper Budget Impact:	Prior Yr	17/18	18/19	19/20	20/21	21/22	Total
							\$ -

Notes:

City of Wichita Falls, Texas
Capital Improvement Program
2018-2022

Project: Meter Testing Bench

Responsible Division: Water Distribution

Projected Financial Plan						
Prior Yr	17/18	18/19	19/20	20/21	21/22	Total
\$ 123,734	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 123,734

Description:
 The City is in the process of installing 34,000 water meters and converting those meters to Advanced Metering Infrastructure (AMI). When that new system goes live, it will be necessary to purchase a new meter testing bench and related instruments to test the low flow meters for accuracy.

Estimated Project Cost:

Design	\$ -
Construction	
ROW/Easements/Land	\$ -
Other	\$ 123,734
Total	\$ 123,734

Project Schedule:
 Design:
 Bid:
 Construction:

Funding Sources:
 Annual Operating Budget (Water/Sewer Fund)

Project Listing:

	Prior Yr	17/18	18/19	19/20	20/21	21/22	Total
Low Flow Meter Test Bench	\$ 123,734						\$ 123,734
							\$ -
							\$ -
							\$ -
							\$ -
							\$ -
							\$ -
Total:	\$ 123,734	\$ -	\$ 123,734				

Oper Budget Impact:

Prior Yr	17/18	18/19	19/20	20/21	21/22	Total
						\$ -

Notes:

**City of Wichita Falls, Texas
Capital Improvement Program
2018-2022**

Project: Trailer Mounted Wachs Valve Machine/Hydro Excavator

Responsible Division: Water Distribution

Projected Financial Plan						
Prior Yr	17/18	18/19	19/20	20/21	21/22	Total
\$ -	\$ 60,000	\$ -	\$ -	\$ -	\$ -	\$ 60,000

Description:

This unit is used in the Water Distribution Division to operate the wide variety of valve sizes that are in the system. This is a replacement unit for the existing 30 year old valve machine that is truck mounted. It has been determined that a trailer mounted unit would offer more flexibility when responding to main leaks, than a truck mounted unit.



Estimated Project Cost:

Design	\$ -
Construction	
ROW/Easements/Land	\$ -
Other	\$ 60,000
Total	\$ 60,000

Project Schedule:

Design:
Bid:
Construction:

Funding Sources:

Annual Operating Budget (Water/Sewer Fund)

Project Listing:	Prior Yr	17/18	18/19	19/20	20/21	21/22	Total
Valve Machine/Excavator		\$ 60,000					\$ 60,000
							\$ -
							\$ -
							\$ -
							\$ -
							\$ -
							\$ -
Total:	\$ -	\$ 60,000	\$ -	\$ -	\$ -	\$ -	\$ 60,000

Oper Budget Impact:	Prior Yr	17/18	18/19	19/20	20/21	21/22	Total
							\$ -

Notes:

City of Wichita Falls, Texas
Capital Improvement Program
2018-2022

Project: Water Line Upsizing

Responsible Division: Water Distribution

Projected Financial Plan						
Prior Yr	17/18	18/19	19/20	20/21	21/22	Total
\$ 70,000	\$ 70,000	\$ -	\$ -	\$ -	\$ -	\$ 140,000

Description:

When development occurs in Wichita Falls, the developer wants to only put in the minimum size line that is required by State regulations, which is normally a 6 inch water line. The City of Wichita Falls has a Master Water Plan that dictates what size lines are to be installed in certain areas of town. To facilitate the installation of the correct size line, the City pays for the difference in line size cost.

Estimated Project Cost:

Design	\$ -
Construction	
ROW/Easements/Land	\$ -
Other	\$ 140,000
Total	\$ 140,000

Project Schedule:

Design:
 Bid:
 Construction:

Funding Sources:

Annual Operating Budget (Water/Sewer Fund)

Project Listing:	Prior Yr	17/18	18/19	19/20	20/21	21/22	Total
Water Line Upsizing	\$ 70,000	\$ 70,000					\$ 140,000
							\$ -
							\$ -
							\$ -
							\$ -
							\$ -
							\$ -
Total:	\$ 70,000	\$ 70,000	\$ -	\$ -	\$ -	\$ -	\$ 140,000

Oper Budget Impact:	Prior Yr	17/18	18/19	19/20	20/21	21/22	Total
							\$ -

Notes:

City of Wichita Falls, Texas
Capital Improvement Program
2018-2022

Project: Denver Water Tank Painting

Responsible Division: Public Works

Projected Financial Plan						
Prior Yr	17/18	18/19	19/20	20/21	21/22	Total
\$ -	\$ 800,000	\$ -	\$ -	\$ -	\$ -	\$ 800,000

Description:

The Denver Water Tower painted over 20 years ago. Its paint is starting to deteriorate, exposing the underlying metal to the elements and increasing the rusting potential. It is time to re-paint this tower as part of a routine painting cycle.

Estimated Project Cost:

Design	\$ -
Construction	
ROW/Easements/Land	\$ -
Other	\$ 800,000
Total	\$ 800,000

Project Schedule:

Design:
 Bid:
 Construction:

Funding Sources:

Annual Operating Budget (Water/Sewer Fund)

Project Listing:	Prior Yr	17/18	18/19	19/20	20/21	21/22	Total
Denver Water Tower		\$ 800,000					\$ 800,000
							\$ -
							\$ -
							\$ -
							\$ -
							\$ -
							\$ -
Total:	\$ -	\$ 800,000	\$ -	\$ -	\$ -	\$ -	\$ 800,000

Oper Budget Impact:	Prior Yr	17/18	18/19	19/20	20/21	21/22	Total
							\$ -

Notes:

City of Wichita Falls, Texas
Capital Improvement Program
2018-2022

Project: Lake Ringgold Permitting

Responsible Division: Public Works

Projected Financial Plan						
Prior Yr	17/18	18/19	19/20	20/21	21/22	Total
\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 6,000,000

Description:

The engineering Firm of Freese and Nichols and the City determined the next large water supply project is the development of Lake Ringgold. Permitting this lake is estimated to take approximately 7 to 9 more years at nearly \$1 million annually.

Estimated Project Cost:

Design	\$ -
Construction	
ROW/Easements/Land	\$ -
Other	\$ 6,000,000
Total	\$ 6,000,000

Project Schedule:

Design:
 Bid:
 Construction:

Funding Sources:

Annual Operating Budget (Water/Sewer Fund)

Project Listing:	Prior Yr	17/18	18/19	19/20	20/21	21/22	Total
Lake Ringgold Permit	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 6,000,000
							\$ -
							\$ -
							\$ -
							\$ -
							\$ -
Total:	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 6,000,000

Oper Budget Impact:	Prior Yr	17/18	18/19	19/20	20/21	21/22	Total
							\$ -

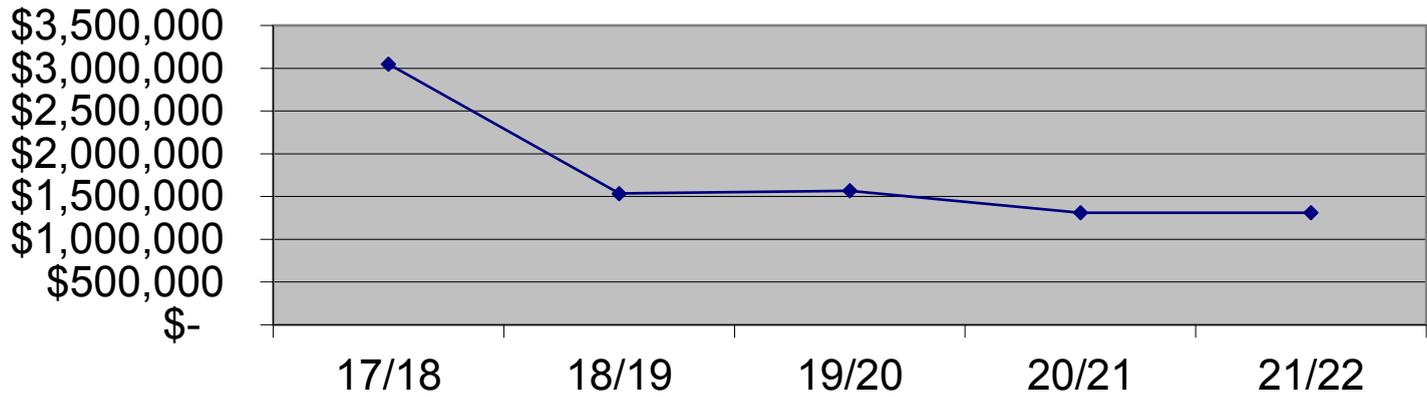
Notes:

City of Wichita Falls, Texas
Wastewater System Improvements
2018-2022

This Section of the CIP includes projects that improve the City's Wastewater Distribution and Treatment System. Routine repair projects, at existing funding levels, can be funded with annual operating revenue of the City's Water and Sewer System Fund. However, a few other major system improvements will be funded with remaining bond funds from the Texas Water Development Board that were approved for the Indirect Potable Reuse Project.

Projected Financial Plan						
	17/18	18/19	19/20	20/21	21/22	Total
Project Cost:	\$ 3,049,000	\$ 1,535,000	\$ 1,566,000	\$ 1,310,000	\$ 1,310,000	\$ 8,770,000
Sources of Funding:						
Water/Sewer Operating Funds	\$ 1,349,000	\$ 1,535,000	\$ 1,566,000	\$ 1,310,000	\$ 1,310,000	\$ 7,070,000
Texas Water Development Bonds	\$ 1,700,000	\$ -	\$ -	\$ -	\$ -	\$ 1,700,000
Total	\$ 3,049,000	\$ 1,535,000	\$ 1,566,000	\$ 1,310,000	\$ 1,310,000	\$ 8,770,000

5 Year Expenditure Trend



City of Wichita Falls, Texas
Capital Improvement Program
2018-2022

Project: Kindrel V-Panel Shoring Machine

Responsible Division: Wastewater Collection / Public Works

Projected Financial Plan						
Prior Yr	17/18	18/19	19/20	20/21	21/22	Total
\$ -	\$ 25,000	\$ -	\$ -	\$ -	\$ -	\$ 25,000

Description:

The Kindrel V-Panel shoring box is a piece of safety equipment meant to protect City employees from excavation cave-ins, which are a major hazard in Utilities work. This is a replacement unit for the existing shoring equipment in Wastewater Collections that is 20+ years old and showing signs of wear. The unit is capable of being utilized by other Divisions within Utilities for excavation safety.

Estimated Project Cost:

Design	\$ -
Construction	
ROW/Easements/Land	\$ -
Other	\$ 25,000
Total	\$ 25,000

Project Schedule:

Design:
 Bid:
 Construction:

Funding Sources:

Annual Operating Budget (Water/Sewer Fund)

Project Listing:	Prior Yr	17/18	18/19	19/20	20/21	21/22	Total
Shoring Machine		\$ 25,000					\$ 25,000
							\$ -
							\$ -
							\$ -
							\$ -
							\$ -
							\$ -
Total:	\$ -	\$ 25,000	\$ -	\$ -	\$ -	\$ -	\$ 25,000

Oper Budget Impact:	Prior Yr	17/18	18/19	19/20	20/21	21/22	Total
							\$ -

Notes:

**City of Wichita Falls, Texas
Capital Improvement Program
2018-2022**

Project: Jet Vac Recycle Unit

Responsible Division: Wastewater Collection / Public Works

Projected Financial Plan						
Prior Yr	17/18	18/19	19/20	20/21	21/22	Total
\$ -	\$ 450,000	\$ -	\$ -	\$ -	\$ -	\$ 450,000

Description:

Upgrade of Jet Truck to improve production, reduce the amount of potable water used for cleaning purposes, and combine all equipment into one unit allowing all equipment to be on site as needed. Performance of cleaning should improve due to the construction of Unit.



Estimated Project Cost:

Design	\$ -
Construction	\$ -
ROW/Easements/Land	\$ -
Other	\$ 450,000
Total	\$ 450,000

Project Schedule:

Design:
Bid:
Construction:

Funding Sources:

TWDB Bond Funds

Project Listing:	Prior Yr	17/18	18/19	19/20	20/21	21/22	Total
Jet Vacuum Unit		\$ 450,000					\$ 450,000
							\$ -
							\$ -
							\$ -
							\$ -
							\$ -
							\$ -
Total:	\$ -	\$ 450,000	\$ -	\$ -	\$ -	\$ -	\$ 450,000

Oper Budget Impact:	Prior Yr	17/18	18/19	19/20	20/21	21/22	Total
							\$ -

Notes:

City of Wichita Falls, Texas
Capital Improvement Program
2018-2022

Project: Truck Storage Building

Responsible Division: Wastewater Collection / Public Works

Projected Financial Plan						
Prior Yr	17/18	18/19	19/20	20/21	21/22	Total
\$ -	\$ 950,000	\$ -	\$ -	\$ -	\$ -	\$ 950,000

Description:

During freezing weather we have no place to store the trucks to keep them from freezing. Since the trucks store water, the pumps can freeze very quickly in inclement weather. Inventory of trucks is over \$ 1,000,000



Estimated Project Cost:

Design	\$ -
Construction	\$ 950,000
ROW/Easements/Land	\$ -
Other	\$ -
Total	\$ 950,000

Project Schedule:

Design:
 Bid:
 Construction:

Funding Sources:

Annual Operating Budget (Water/Sewer Fund)

Project Listing:	Prior Yr	17/18	18/19	19/20	20/21	21/22	Total
Truck Building		\$ 950,000					\$ 950,000
							\$ -
							\$ -
							\$ -
							\$ -
							\$ -
							\$ -
Total:	\$ -	\$ 950,000	\$ -	\$ -	\$ -	\$ -	\$ 950,000

Oper Budget Impact:

Prior Yr	17/18	18/19	19/20	20/21	21/22	Total
						\$ -

Notes:

City of Wichita Falls, Texas
Capital Improvement Program
2018-2022

Project: Sanitary Sewer Line Replacement

Responsible Division: Wastewater Collection

Projected Financial Plan						
Prior Yr	17/18	18/19	19/20	20/21	21/22	Total
\$ 940,000	\$ 1,040,000	\$ 1,040,000	\$ 1,040,000	\$ 1,040,000	\$ 1,040,000	\$ 6,140,000

Description:
 Public Works annual budget utility improvement project for sewer main replacement. Locations will be throughout the City.



Estimated Project Cost:

Design	\$ -
Construction	\$ 6,140,000
ROW/Easements/Land	\$ -
Other	\$ -
Total	\$ 6,140,000

Project Schedule:
 Design: N/A
 Bid:
 Construction:

Funding Sources:
 Annual Operating Funds (Water/Sewer Fund \$5,140,000)
 TWDB Bond Funds (\$1,000,000)

Project Listing:	Prior Yr	17/18	18/19	19/20	20/21	21/22	Total
Sewer Line Replace	\$ 900,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 5,900,000
Emergency Repairs	\$ 40,000	\$ 40,000	\$ 40,000	\$ 40,000	\$ 40,000	\$ 40,000	\$ 240,000
							\$ -
							\$ -
							\$ -
							\$ -
							\$ -
Total:	\$ 940,000	\$ 1,040,000	\$ 1,040,000	\$ 1,040,000	\$ 1,040,000	\$ 1,040,000	\$ 6,140,000

Oper Budget Impact:	Prior Yr	17/18	18/19	19/20	20/21	21/22	Total
							\$ -

Notes:

City of Wichita Falls, Texas
Capital Improvement Program
2018-2022

Project: Sewage Pump Station Re-Hab

Responsible Division: Wastewater Treatment / Public Works

Projected Financial Plan						
Prior Yr	17/18	18/19	19/20	20/21	21/22	Total
\$ 270,000	\$ 270,000	\$ 270,000	\$ 270,000	\$ 270,000	\$ 270,000	\$ 1,620,000

Description:

Three stations needs to be refurbished each year. This will place us on a 20 year cycle.



Estimated Project Cost:

Design	\$ -
Construction	\$ 1,620,000
ROW/Easements/Land	\$ -
Other	\$ -
Total	\$ 1,620,000

Project Schedule:

Design:
 Bid:
 Construction:

Funding Sources:

Annual Operating Funds (Water/Sewer Fund)

Project Listing:	Prior Yr	17/18	18/19	19/20	20/21	21/22	Total
Lift Station Re-Hab	\$ 270,000	\$ 270,000	\$ 270,000	\$ 270,000	\$ 270,000	\$ 270,000	\$ 1,620,000
							\$ -
							\$ -
							\$ -
							\$ -
							\$ -
Total:	\$ 270,000	\$ 1,620,000					

Oper Budget Impact:

Prior Yr	17/18	18/19	19/20	20/21	21/22	Total
						\$ -

Notes: The average cost of rehabilitating a lift station has been running ~\$90,000 per station. If we are going to try and stay on a schedule of 3 Lift Stations per year (20 yr cycle) then the amount spent is going to have to increase.

City of Wichita Falls, Texas
Capital Improvement Program
2018-2022

Project: Wastewater Plant Aeration Blower Controls

Responsible Division: Wastewater Treatment / Public Works

Projected Financial Plan						
Prior Yr	17/18	18/19	19/20	20/21	21/22	Total
\$ -	\$ 250,000	\$ -	\$ -	\$ -	\$ -	\$ 250,000

Description:

The Blower Controls at River Road Wastewater Plant are the "brains" of the blowers that provide air to the aeration process of wastewater treatment. These would be replacement controllers for old controllers that use a software language that is no longer supported, thereby increasing the potential of the blowers not being repairable during a failure. Again, if the aeration process fails, then the wastewater plant fails and the City is subject to State and Federal fines, as well as environmental releases of untreated sewage. Additionally, this is the plant that will be producing the water for the Indirect Potable Reuse project, so compliance is critical to a successful IPR.



Estimated Project Cost:

Design	\$ -
Construction	\$ 250,000
ROW/Easements/Land	\$ -
Other	\$ -
Total	\$ 250,000

Project Schedule:

Design:
 Bid:
 Construction:

Funding Sources:

TWDB Bond Funds

Project Listing:	Prior Yr	17/18	18/19	19/20	20/21	21/22	Total
Rotor Assembly (2)		\$ 250,000					\$ 250,000
							\$ -
							\$ -
							\$ -
							\$ -
							\$ -
Total:	\$ -	\$ 250,000	\$ -	\$ -	\$ -	\$ -	\$ 250,000

Oper Budget Impact:	Prior Yr	17/18	18/19	19/20	20/21	21/22	Total
							\$ -

City of Wichita Falls, Texas
Capital Improvement Program
2018-2022

Project: Northside Rotor Assembly

Responsible Division: Waste Water

Projected Financial Plan						
Prior Yr	17/18	18/19	19/20	20/21	21/22	Total
\$ -	\$ 64,000	\$ -	\$ -	\$ -	\$ -	\$ 64,000

Description:

The Rotor Assembly(s) at the Northside Wastewater Plant are in need of replacement. The current units are 30+ years old and are starting to exhibit increased failure rates. The Rotors are the equipment that provides the aeration process to the wastewater treatment. When a rotor is down, it causes the second rotor to have to handle the entire load of the treatment process. If the aeration process fails, then the wastewater plant fails and the City is subject to State and Federal fines, as well as environmental releases of untreated sewage.



Estimated Project Cost:

Design	\$ -
Construction	\$ -
ROW/Easements/Land	\$ -
Other	\$ 64,000
Total	\$ 64,000

Project Schedule:

Design:
 Bid:
 Construction:

Funding Sources:

Annual Operating Funds (Water/Sewer Fund)

Project Listing:	Prior Yr	17/18	18/19	19/20	20/21	21/22	Total
Rotor Assembly (2)		\$ 64,000					\$ 64,000
							\$ -
							\$ -
							\$ -
							\$ -
							\$ -
Total:	\$ -	\$ 64,000	\$ -	\$ -	\$ -	\$ -	\$ 64,000

Oper Budget Impact:

Prior Yr	17/18	18/19	19/20	20/21	21/22	Total
						\$ -

Notes:

City of Wichita Falls, Texas
Capital Improvement Program
2018-2022

Project: Headwork Pump Replacement

Responsible Division: Waste Water

Projected Financial Plan						
Prior Yr	17/18	18/19	19/20	20/21	21/22	Total
\$ -	\$ -	\$ 225,000	\$ 256,000	\$ -	\$ -	\$ 481,000

Description: Headworks pumps need to be replaced due to age and wear

Phase I of this project will replace the lower (6) wet-well pumps

Phase II will replace the upper (5) wet-well pumps.
 electrical costs.



Estimated Project Cost:

Design	\$ -
Construction	\$ -
ROW/Easements/Land	\$ -
Other	\$ 481,000
Total	\$ 481,000

Project Schedule:

Design:
 Bid:
 Construction:

Funding Sources:

Annual Operating Funds (Water/Sewer Fund)

Project Listing:	Prior Yr	17/18	18/19	19/20	20/21	21/22	Total
Headworks Wet Well Pumps			\$ 225,000	\$ 256,000			\$ 481,000
							\$ -
							\$ -
							\$ -
							\$ -
							\$ -
							\$ -
Total:	\$ -	\$ -	\$ 225,000	\$ 256,000	\$ -	\$ -	\$ 481,000

Oper Budget Impact:	Prior Yr	17/18	18/19	19/20	20/21	21/22	Total
							\$ -

Notes:

City of Wichita Falls, Texas
Capital Improvement Program
2018-2022

Project: Phase III Sanitary Sewer Evaluation Study

Responsible Division: Public Works

Projected Financial Plan						
Prior Yr	17/18	18/19	19/20	20/21	21/22	Total
\$ 150,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 150,000

Description:

The City of Wichita Falls entered into an Agreement with the State of Texas in 2008, to lower its Sanitary Sewer Overflows. A component of this Agreement is for the City to evaluate its Sewer Collections system hydraulically, by performing Sanitary Sewer Evaluation System (SSES). The City has performed the first 2 phases of this work, to date, and needs to have the 3rd phase done to complete the work.

Estimated Project Cost:

Design	\$ -
Construction	
ROW/Easements/Land	\$ -
Other	\$ 150,000
Total	\$ 150,000

Project Schedule:

Design:
 Bid:
 Construction:

Funding Sources:

Annual Operating Budget (Water/Sewer Fund)

Project Listing:	Prior Yr	17/18	18/19	19/20	20/21	21/22	Total
Phase III SSES	\$ 150,000						\$ 150,000
							\$ -
							\$ -
							\$ -
							\$ -
							\$ -
							\$ -
Total:	\$ 150,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 150,000

Oper Budget Impact:	Prior Yr	17/18	18/19	19/20	20/21	21/22	Total
							\$ -

Notes:

City of Wichita Falls, Texas
Capital Improvement Program
2018-2022

Project: Roof for Wastewater Treatment Administration Building

Responsible Division: Public Works

Projected Financial Plan						
Prior Yr	17/18	18/19	19/20	20/21	21/22	Total
\$ 32,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 32,000

Description:

The roof on the Administrative Building at the River Road Wastewater Treatment Plant is 40 years old and needs replaced.

Estimated Project Cost:

Design	\$	-
Construction		
ROW/Easements/Land	\$	-
Other	\$	32,000
Total	\$	32,000

Project Schedule:

Design:
 Bid:
 Construction:

Funding Sources:

Annual Operating Budget (Water/Sewer Fund)

Project Listing:	Prior Yr	17/18	18/19	19/20	20/21	21/22	Total
Future Project TBD	\$ 32,000						\$ 32,000
							\$ -
							\$ -
							\$ -
							\$ -
							\$ -
							\$ -
Total:	\$ 32,000	\$ -	\$ 32,000				

Oper Budget Impact:	Prior Yr	17/18	18/19	19/20	20/21	21/22	Total
							\$ -

Notes:

City of Wichita Falls, Texas
Capital Improvement Program
2018-2022

Project: Grinders

Responsible Division: Public Works

Projected Financial Plan						
Prior Yr	17/18	18/19	19/20	20/21	21/22	Total
\$ 100,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 100,000

Description:

The Northside Wastewater Plant Grinder is several decades old and is in need of replacement. It has started failing regularly and is critical for the operation of the Northside Wastewater Treatment Plant, by keeping large debris from entering the treatment processes and causing them to fail. Staff recommends replacing the grinder with a bar screen to remove the debris while it is large and not increasing the loading of smaller debris entering the plant. The Prison Grinder has been in operation for over 20 years and is suffering from increased maintenance costs. Do to the nature of debris that can be encountered from the Prison waste stream, the grinder is in place to protect the City's infrastructure downstream of the Prison, by shredding large material that would otherwise create obstructions in the Collections Systems pipelines or at the Lift Station. These obstructions increase the City's probability of experiencing a Sanitary Sewer Overflow, an event that is regulated by the TCEQ and EPA.

Estimated Project Cost:

Design	\$ -
Construction	
ROW/Easements/Land	\$ -
Other	\$ 100,000
Total	\$ 100,000

Project Schedule:

Design:
 Bid:
 Construction:

Funding Sources:

Annual Operating Budget (Water/Sewer Fund)

Project Listing:	Prior Yr	17/18	18/19	19/20	20/21	21/22	Total
NS Grinder	\$ 80,000						\$ 80,000
Prison Grinder	\$ 20,000						\$ 20,000
							\$ -
							\$ -
							\$ -
							\$ -
							\$ -
Total:	\$ 100,000	\$ -	\$ 100,000				

Oper Budget Impact:	Prior Yr	17/18	18/19	19/20	20/21	21/22	Total
							\$ -

Notes:

City of Wichita Falls, Texas
Capital Improvement Program
2018-2022

Project: Screw Pumps at North Side Wastewater Treatment Plant

Responsible Division: Public Works

Projected Financial Plan						
Prior Yr	17/18	18/19	19/20	20/21	21/22	Total
\$ 190,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 190,000

Description:

The Screw Pumps are the foundation of moving the wastewater through the Northside Wastewater Treatment Plant. Without these pumps, wastewater can not enter the facility. Due to the nature of the screw pumps, they wear over time, decreasing the diameter of the screw, thereby decreasing the amount of water it can pump. The pumps were last replaced nearly 20 years ago.

Estimated Project Cost:

Design	\$ -
Construction	
ROW/Easements/Land	\$ -
Other	\$ 190,000
Total	\$ 190,000

Project Schedule:

Design:
 Bid:
 Construction:

Funding Sources:

Annual Operating Budget (Water/Sewer Fund)

Project Listing:	Prior Yr	17/18	18/19	19/20	20/21	21/22	Total
Screw Pumps at NS	\$ 190,000						\$ 190,000
							\$ -
							\$ -
							\$ -
							\$ -
							\$ -
							\$ -
Total:	\$ 190,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 190,000

Oper Budget Impact:	Prior Yr	17/18	18/19	19/20	20/21	21/22	Total
							\$ -

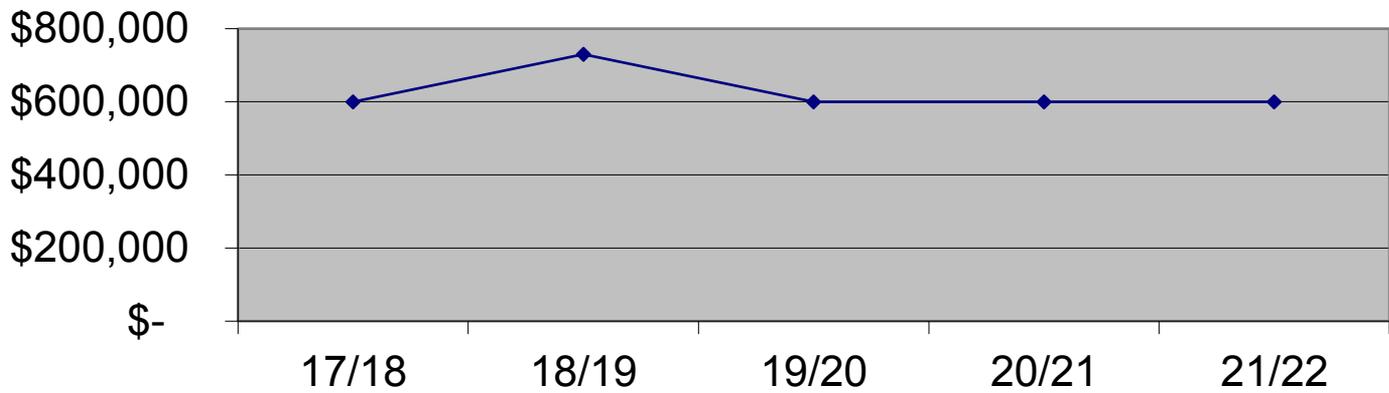
Notes:

City of Wichita Falls, Texas
Sanitation System Improvements
2018-2022

This Section of the CIP includes projects for the Sanitation collection and disposal system. These improvements are anticipated to be accomplished with annual operating funds of the Sanitation System.

Projected Financial Plan						
	17/18	18/19	19/20	20/21	21/22	Total
Project Cost:	\$ 600,000	\$ 730,000	\$ 600,000	\$ 600,000	\$ 600,000	\$ 3,130,000
Sources of Funding:						
Sanitation Operating Funds	\$ 600,000	\$ 730,000	\$ 600,000	\$ 600,000	\$ 600,000	\$ 3,130,000
Total	\$ 600,000	\$ 730,000	\$ 600,000	\$ 600,000	\$ 600,000	\$ 3,130,000

5 Year Expenditure Trend



City of Wichita Falls, Texas
Capital Improvement Program
2018-2022

Project: Alley Maintenance

Responsible Division: Engineering

Projected Financial Plan						
Prior Yr	17/18	18/19	19/20	20/21	21/22	Total
\$ 300,000	\$ 300,000	\$ 300,000	\$ 300,000	\$ 300,000	\$ 300,000	\$ 1,800,000

Description:
 Annual Program to improve the condition of alleys used in the refuse collection system.



Estimated Project Cost:

Design	\$ -
Construction	\$ 1,800,000
ROW/Easements/Land	\$ -
Other	\$ -
Total	\$ 1,800,000

Project Schedule:

Design:
 Bid:
 Construction:

Funding Sources:

Annual Operating Funds (Sanitation)

Project Listing:	Prior Yr	17/18	18/19	19/20	20/21	21/22	Total
	\$ 300,000	\$ 300,000	\$ 300,000	\$ 300,000	\$ 300,000	\$ 300,000	\$ 1,800,000
							\$ -
							\$ -
							\$ -
							\$ -
							\$ -
Total:	\$ 300,000	\$ 300,000	\$ 300,000	\$ 300,000	\$ 300,000	\$ 300,000	\$ 1,800,000

Oper Budget Impact:	Prior Yr	17/18	18/19	19/20	20/21	21/22	Total
							\$ -

Notes:

**City of Wichita Falls, Texas
Capital Improvement Program
2018-2022**

Project: Transfer Station Road Replacement

Responsible Division: Sanitation

Projected Financial Plan						
Prior Yr	17/18	18/19	19/20	20/21	21/22	Total
\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 300,000

Description:

This is an annual maintenance program to replace the interior access roads at the Transfer Station.



Estimated Project Cost:

Design	\$ -
Construction	\$ 300,000
ROW/Easements/Land	\$ -
Other	\$ -
Total	\$ 300,000

Project Schedule:

Design:
Bid:
Construction:

Funding Sources:

Annual Operating Funds (Sanitation Fund)

Project Listing:	Prior Yr	17/18	18/19	19/20	20/21	21/22	Total
	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 300,000
							\$ -
							\$ -
							\$ -
							\$ -
							\$ -
							\$ -
Total:	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 300,000

Oper Budget Impact:	Prior Yr	17/18	18/19	19/20	20/21	21/22	Total
							\$ -

Notes:

City of Wichita Falls, Texas
Capital Improvement Program
2018-2022

Project: Transfer Station Scales

Responsible Division: Sanitation

Projected Financial Plan						
Prior Yr	17/18	18/19	19/20	20/21	21/22	Total
\$ -	\$ -	\$ 130,000	\$ -	\$ -	\$ -	\$ 130,000

Description:

The scales at the Transfer Station are reaching the point that we can not find parts to repair them. It has been recommended that we replace them with new digital scales, similar to the one just purchased for the landfill.



Estimated Project Cost:

Design	\$ -
Construction	\$ 130,000
ROW/Easements/Land	\$ -
Other	\$ -
Total	\$ 130,000

Project Schedule:

Design:
 Bid:
 Construction:

Funding Sources:

Annual Operating Funds (Sanitation Fund)

Project Listing:	Prior Yr	17/18	18/19	19/20	20/21	21/22	Total
Scale Purchase			\$ 130,000				\$ 130,000
							\$ -
							\$ -
							\$ -
							\$ -
							\$ -
Total:	\$ -	\$ -	\$ 130,000	\$ -	\$ -	\$ -	\$ 130,000

Oper Budget Impact:	Prior Yr	17/18	18/19	19/20	20/21	21/22	Total
		\$ 130,000					\$ 130,000

Notes:

**City of Wichita Falls, Texas
Capital Improvement Program
2018-2022**

Project: Landfill Liner Construction

Responsible Division: Sanitation

Projected Financial Plan						
Prior Yr	17/18	18/19	19/20	20/21	21/22	Total
\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 1,500,000

Periodically we need to construct a new cell for waste disposal. This requires constructing a composite plastic/clay liner to protect the environment from the leachate generated by the trash. Timing on cell construction is based on annual trash volumes that we collect each year. The liner must be designed, permitted and constructed in advance of construction. When the cells are designed and constructed, 2 to 3 cells will need to be completed at the same time because of the elevation in which trash may be buried now. Therefore, total construction of new cells and closure of used cells is expected to cost approximately \$8.8M which may be needed as early as 2030.



Estimated Project Cost:

Design	\$ -
Construction	\$ 1,500,000
ROW/Easements/Land	\$ -
Other	\$ -
Total	\$ 1,500,000

Project Schedule:

Design:	2020
Bid:	2022
Construction:	2022

Funding Sources:

Annual Operating Funds (Sanitation Fund)

Project Listing:	Prior Yr	17/18	18/19	19/20	20/21	21/22	Total
Liner Construction	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 1,500,000
Escrow							\$ -
							\$ -
							\$ -
							\$ -
							\$ -
Total:	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 1,500,000

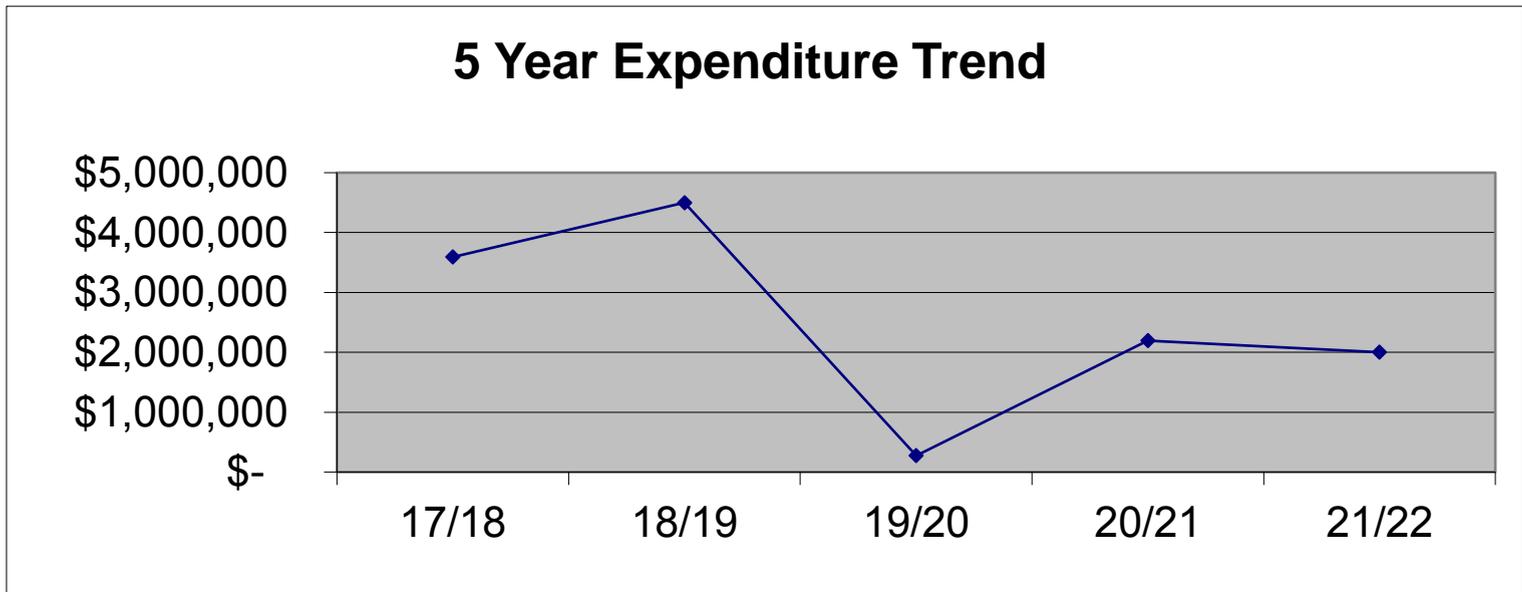
Oper Budget Impact:	Prior Yr	17/18	18/19	19/20	20/21	21/22	Total
							\$ -

Notes:

City of Wichita Falls, Texas
Drainage System Improvements
2018-2022

In the 2009-10 budget, funds were included to hire a consultant to prepare a Master Drainage Plan for the City. This plan, which is complete, analyzed and identified the top 15 of 60 projects that were on the City's project list and provided cost estimates to complete those 15 projects. Results of that analysis indicate that it will cost approximately \$35 million to construct these 15 projects. It also suggests that in order to complete this work over the next 10 to 15 years, a total of \$3 million per year in project costs should be expended. The projects listed in this CIP should be accomplished with existing revenue sources from the Stormwater Utility Fund.

Projected Financial Plan						
	17/18	18/19	19/20	20/21	21/22	Total
Project Cost:	\$ 3,590,000	\$ 4,500,000	\$ 273,655	\$ 2,193,694	\$ 2,000,000	\$ 12,557,349
Sources of Funding:						
Stormwater Operating Funds	\$ 3,590,000	\$ 4,500,000	\$ 273,655	\$ 2,193,694	\$ 2,000,000	\$ 12,557,349
Total	\$ 3,590,000	\$ 4,500,000	\$ 273,655	\$ 2,193,694	\$ 2,000,000	\$ 12,557,349



City of Wichita Falls, Texas
Capital Improvement Program
2018-2022

Project: Stormwater Improvement Projects

Responsible Division: Storm Water Engineering

Projected Financial Plan						
Prior Yr	17/18	18/19	19/20	20/21	21/22	Total
\$ 600,000	\$ 3,590,000	\$ 4,500,000	\$ 273,655	\$ 2,193,694	\$ 2,000,000	\$ 13,157,349

Description: The City completed a Drainage Master Plan in 2011. The Plan includes preliminary design and construction cost for 15 identified drainage areas. As of 2016, 3 of 15 areas have been constructed. Additionally, the Plan prioritized 45 identified drainage areas. Since all project estimates and sizes range, projects will not be completed as ranked in order to optimize funds and accomplish most projects in a timely manner. Projects will be broken into phases for easier funding.



Estimated Project Cost:

Design	
Construction	\$ 13,157,349
ROW/Easements/Land	
Other	
Total	\$ 13,157,349

Project Schedule:

Design: N/A
 Bid:
 Construction:

Funding Sources:

Annual Operating Funds (Stormwater Fund)

Project Listing:	Prior Yr	17/18	18/19	19/20	20/21	21/22	Total
Kemp/Monroe Drainage		\$ 3,500,000					\$ 3,500,000
Quail Creek	\$ 600,000		\$ 4,500,000		\$ 2,000,000	\$ 2,000,000	\$ 9,100,000
Rhea Road Drainage (Design)				\$ 273,655			\$ 273,655
Longview Drainage		\$ 40,000					\$ 40,000
Fairfax Drainage		\$ 50,000					\$ 50,000
Landon, Duty & Sunset (Design)					\$ 193,694		\$ 193,694
Total:	\$ 600,000	\$ 3,590,000	\$ 4,500,000	\$ 273,655	\$ 2,193,694	\$ 2,000,000	\$ 13,157,349

Oper Budget Impact:	Prior Yr	17/18	18/19	19/20	20/21	21/22	Total
							\$ -

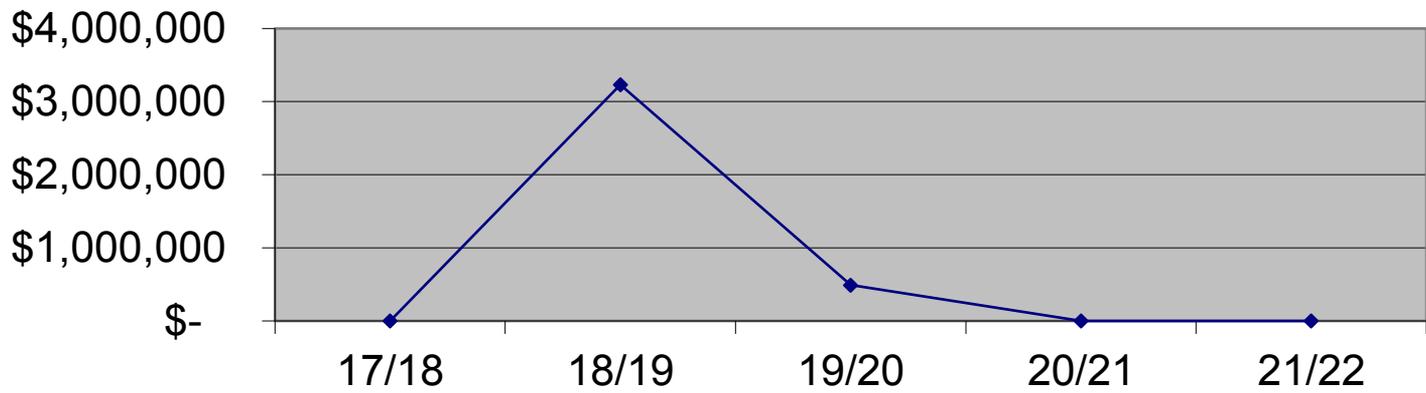
Notes:

City of Wichita Falls, Texas
Multi-Purpose Events Center Improvements
2018-2022

Improvements in this Section are entirely related to facility improvements at the Multi-Purpose Events Center and Memorial Auditorium. At the current time, funding sources have not been identified.

Projected Financial Plan						
	17/18	18/19	19/20	20/21	21/22	Total
Project Cost:	\$ -	\$ 3,230,500	\$ 490,000	\$ -	\$ -	\$ 3,720,500
Sources of Funding:						
Undetermined Source	\$ -	\$ 3,230,500	\$ 490,000	\$ -	\$ -	\$ 3,720,500
Total	\$ -	\$ 3,230,500	\$ 490,000	\$ -	\$ -	\$ 3,720,500

5 Year Expenditure Trend



City of Wichita Falls, Texas
Capital Improvement Program
2018-2022

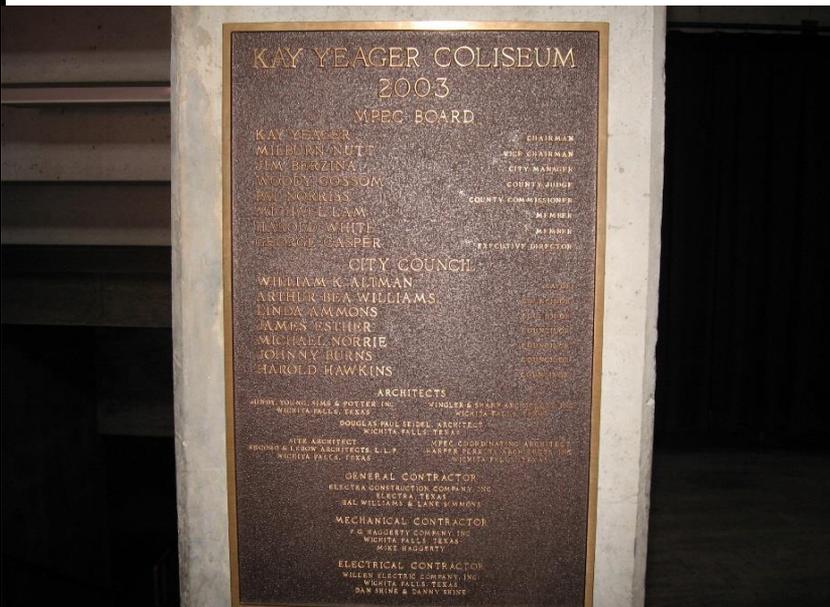
Project: Kay Yeager Coliseum

Responsible Division: MPEC

Projected Financial Plan						
Prior Yr	17/18	18/19	19/20	20/21	21/22	Total
\$ -	\$ -	\$ 302,500	\$ 310,000	\$ -	\$ -	\$ 612,500

Description:

The Study that was conducted identified numerous capital improvement needs for the Coliseum.



Estimated Project Cost:

Design	\$ -
Construction	\$ 612,500
ROW/Easements/Land	\$ -
Other	\$ -
Total	\$ 612,500

Funding Sources:

Undetermined Source

Project Listing:	Prior Yr	17/18	18/19	19/20	20/21	21/22	Total
Ticket Scanners				\$ 10,000			\$ 10,000
Carpet Box Office			\$ 2,500				\$ 2,500
Portable Seating				\$ 175,000			\$ 175,000
Portable Radios			\$ 100,000				\$ 100,000
Camera Upgrade Video				\$ 125,000			\$ 125,000
LED Lighting			\$ 125,000				\$ 125,000
Video Surveillance			\$ 75,000				\$ 75,000
							\$ -
Total:	\$ -	\$ -	\$ 302,500	\$ 310,000	\$ -	\$ -	\$ 612,500

Oper Budget Impact:	Prior Yr	17/18	18/19	19/20	20/21	21/22	Total
							\$ -

Notes:

City of Wichita Falls, Texas
Capital Improvement Program
2018-2022

Project: Ray Clymer Exhibit Hall

Responsible Division: MPEC

Projected Financial Plan						
Prior Yr	17/18	18/19	19/20	20/21	21/22	Total
\$ -	\$ -	\$ 943,000	\$ 80,000	\$ -	\$ -	\$ 1,023,000

Description:

The Study that was conducted identified numerous capital improvement needs for the Exhibit Hall.



Estimated Project Cost:

Design	\$ -
Construction	\$ 1,023,000
ROW/Easements/Land	\$ -
Other	\$ -
Total	\$ 1,023,000

Project Schedule:

Funding Sources:

Undetermined Source

Project Listing:	Prior Yr	17/18	18/19	19/20	20/21	21/22	Total
Tables				\$ 75,000			\$ 75,000
Portable Sound System			\$ 50,000				\$ 50,000
Video Surveillance			\$ 75,000				\$ 75,000
Air Wall Replacement			\$ 800,000				\$ 800,000
Walk In Freezer			\$ 10,000				\$ 10,000
Trailer Cooler				\$ 5,000			\$ 5,000
Black Skirts			\$ 3,000				\$ 3,000
Steamer			\$ 5,000				\$ 5,000
							\$ -
							\$ -
Total:	\$ -	\$ -	\$ 943,000	\$ 80,000	\$ -	\$ -	\$ 1,023,000

Oper Budget Impact:

Prior Yr	17/18	18/19	19/20	20/21	21/22	Total
						\$ -

City of Wichita Falls, Texas
Capital Improvement Program
2018-2022

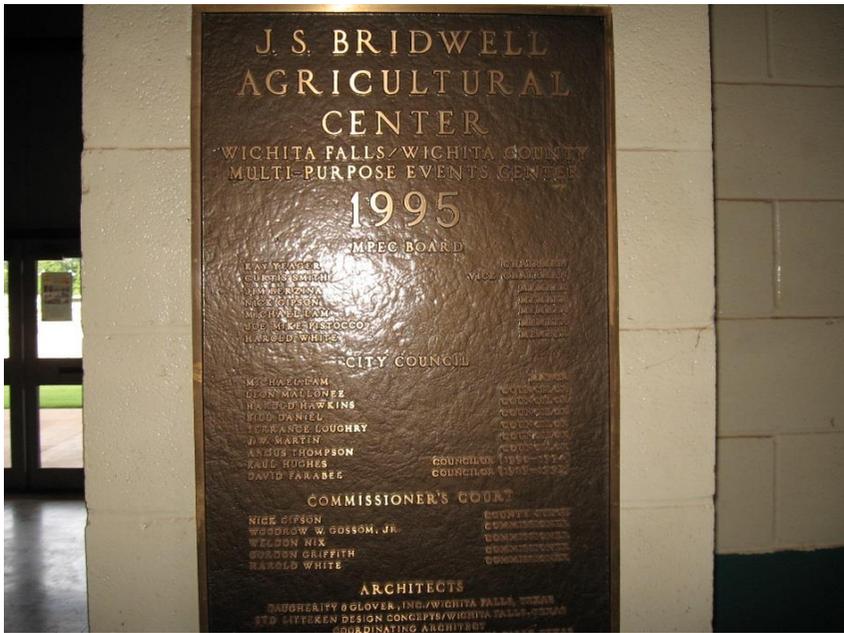
Project: J.S. Bridwell Ag Center

Responsible Division: MPEC

Projected Financial Plan						
Prior Yr	17/18	18/19	19/20	20/21	21/22	Total
\$ -	\$ -	\$ 535,000	\$ 100,000	\$ -	\$ -	\$ 635,000

Description:

The Study that was conducted indentified numerous capital improvement needs for the Exhibit Hall.



Estimated Project Cost:

Design	\$ -
Construction	\$ 635,000
ROW/Easements/Land	\$ -
Other	\$ -
Total	\$ 635,000

Project Schedule:

Funding Sources:

Undetermined Source

Project Listing:	Prior Yr	17/18	18/19	19/20	20/21	21/22	Total
Video Surveillance			\$ 35,000				\$ 35,000
Panels, Chutes, Stand				\$ 100,000			\$ 100,000
Roof Replacement			\$ 500,000				\$ 500,000
							\$ -
							\$ -
							\$ -
							\$ -
Total:	\$ -	\$ -	\$ 535,000	\$ 100,000	\$ -	\$ -	\$ 635,000

Oper Budget Impact:	Prior Yr	17/18	18/19	19/20	20/21	21/22	Total
							\$ -

Notes:

**City of Wichita Falls, Texas
Capital Improvement Program
2018-2022**

Project: Memorial Auditorium

Responsible Division: MPEC

Projected Financial Plan						
Prior Yr	17/18	18/19	19/20	20/21	21/22	Total
\$ -	\$ -	\$ 1,450,000	\$ -	\$ -	\$ -	\$ 1,450,000

Description:



Estimated Project Cost:

Design	\$ -
Construction	\$ 1,450,000
ROW/Easements/Land	\$ -
Other	\$ -
Total	\$ 1,450,000

Project Schedule:

Funding Sources:

Undetermined Source

Project Listing:	Prior Yr	17/18	18/19	19/20	20/21	21/22	Total
Rigging, Curtains, Lighting			\$ 1,200,000				\$ 1,200,000
Sound System			\$ 250,000				\$ 250,000
							\$ -
							\$ -
							\$ -
							\$ -
							\$ -
Total:	\$ -	\$ -	\$ 1,450,000	\$ -	\$ -	\$ -	\$ 1,450,000

Oper Budget Impact:	Prior Yr	17/18	18/19	19/20	20/21	21/22	Total
							\$ -

Notes: