



City of Fort Worth, Texas

FY2020 – 2024 Adopted 5 Year Capital Improvement Plan



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City of Fort Worth

FY 2018

Bond Program

2018 Bond Program

Overview of the 2018 Bond Program

Introduction

On May 5, 2018 the voters were asked to consider the dollar amounts and proposition categories listed below for the 2018 Bond Program. City staff prepared the bond book that describes the proposed work plan for implementing each proposition approved by the voters, which includes additional detail on specific planned projects and their projected costs. The voter approved use of general obligation public securities for the proposition categories listed will be secured by property taxes levied and collected by the City. The City anticipates the recommended interest and sinking (I & S) tax rate of \$0.1525 per \$100 net taxable valuation to be sufficient in paying the debt service.

Fort Worth Proposition	Approved Amount
· A: Streets and Mobility Infrastructure Improvements	261,630,080
· B: Parks and Recreation Improvements	84,180,600
· C: Public Library Improvements	9,868,500
· D: Fire Safety Improvements	11,975,820
· E: Animal Care and Shelter Facility Improvements	13,770,000
· F: Police Facility Improvements	18,075,000
Total	\$399,500,000

Proposition A: Streets and Mobility Infrastructure Improvements

Fort Worth Proposition A will finance improvements to the City's transportation network. These network improvements will include the construction, reconstruction, and rehabilitation of streets and drainage improvements, median improvements, intersections, bicycle ways, bridges, park roads and parking lots, streetscapes, pedestrian ways, signals, sidewalks, street lighting, signage, other traffic and signal controls; and purchase and/or improvement of land, as necessary, to support these improvements.

Proposition B: Parks and Recreation Improvements

Fort Worth Proposition B will finance parks, recreation, and community center related improvements to enhance the number, quality, and accessibility of park land and facilities and to address growth in developing/redevelopment areas. These improvements include the renovation and/or construction of athletic fields and supporting infrastructure; replacement and/or expansion of existing community centers and/or construction of new community center facilities; enhancements to community parks; development of neighborhood parks; renovation of existing parks and recreation facilities; extension of roadways, parking, and/or drainage facility improvements at or integrated into parks; replacement or new installation of playgrounds; expansion of the City's walks and trail systems; design and construction of service facilities to support park maintenance operations; and the purchase and/or improvement of land, as necessary, to support these improvements.

2018 Bond Program

Proposition C: Public Library Improvements

Fort Worth Proposition C will finance the construction of a new library. The improvements would include the construction and equipping, including opening day book collection of the new library, and the purchase and/or improvement of land, as necessary, to support these improvements.

Proposition D: Fire Safety Improvements

Fort Worth Proposition D will finance fire safety related improvements. The improvements would include the design, construction and equipping of new stations, and the purchase and/or improvement of land, as necessary, to support these improvements.

Proposition E: Animal Care and Shelter Facility Improvements

Fort Worth Proposition E will finance the construction of an animal care and shelter facility and related improvements. The improvements would include the construction and equipping of the new facility and the purchase and/or improvement of land, as necessary, to support these improvements.

Proposition F: Police Facility Improvements

Fort Worth Proposition F will finance the construction of a police station and related improvements. The improvements would include the construction and equipping of the new facility and the purchase and/or improvement of land, as necessary, to support these improvements.

Appropriation

Appropriations of proceeds from the voter approved bond program were \$269,171,000 in FY 2018, \$51,468,921 in FY 2019, and the 5 year CIP outlines the use of \$75,335,000. The remaining amounts are for public art, which is calculated as a percentage of the approved amount (1 percent for proposition A and 2 percent for the remaining propositions).

Fort Worth Proposition	Approved Amount	2018 Appropriation	2019 Appropriation	5 Year CIP	Remaining
A: Streets and Mobility Infrastructure Improvements	261,630,080	157,015,000	33,600,000	68,425,000	2,590,080
B: Parks and Recreation Improvements	84,180,600	59,520,000	16,815,601	6,910,000	934,999
C: Public Library Improvements	9,868,500	9,675,000	193,500	-	-
D: Fire Safety Improvements	11,975,820	11,741,000	234,820	-	-
E: Animal Care and Shelter Facility Improvements	13,770,000	13,500,000	270,000	-	-
F: Police Facility Improvements	18,075,000	17,720,000	355,000	-	-
Total	\$ 399,500,000	\$ 269,171,000	\$ 51,468,921	\$ 75,335,000	\$ 3,525,079

City of Fort Worth

FY 2020 – 2024

5 Year Capital Improvement Plan

5 Year Capital Improvement Plan

Summary of 5 Year Capital Improvement Plans

Introduction

The City of Fort Worth recognizes capital facilities and adequate infrastructure are critical for the City's continued growth. The City of Fort Worth (CFW) Capital Improvement Plan (CIP) describes the capital projects and the associated funding sources the City intends to undertake in the current fiscal year, plus four successive fiscal years, including the acquisition or construction of capital facilities and assets, and the maintenance of those facilities and assets.

A capital asset may be land, improvements to land, easements, buildings, building improvements, vehicles, machinery, equipment, works of art and historical treasures, infrastructure, and all other tangible or intangible assets that are used in operations and that have initial useful lives extending beyond a single reporting period.

The City of Fort Worth has a continual capital improvement planning process. This process identifies the City's capital and infrastructure needs through various planning documents, public input, and asset assessments. Estimates for these needs are developed based on known conditions and experience with similar projects. The ongoing operational costs are also determined to ensure the City has the ability to fully fund the ongoing operations of the new assets. The City identifies the appropriate funding sources for the projects and plans.

Each capital improvement plan is reviewed to ensure the plan is in alignment with the City's goals and vision and can be funded, delivered, and maintained. The City also evaluates the plans to ensure infrastructure maintenance and investment is equitably distributed. The plans are then combined into the City's Comprehensive 5-Year Capital Improvement Plan.

The FY 2020-2024 CFW CIP includes over 1.8 billion dollars in planned capital expenditures during the five-year period. Planned capital expenditures are presented in CIPs include the General CIP, Aviation CIP, Public Events CIP, Solid Waste CIP, Stormwater CIP, and Water CIP. Each CIP is a set of capital expenditures for the City.

Presentation of CIPs

Highlights of each CIP are presented in the following paragraphs to provide a brief summary of capital improvement efforts. Later sections provide a more in-depth description of each CIP.

Aviation CIP

The Aviation Department's FY 2020-2024 CIP contains approximately \$85M in planned capital expenditures. Highlights of this CIP include a multi-year project to extend multiple runways and taxiways at Alliance Airport; the design and construction of a parallel taxiway at Meacham Airport and the construction of various taxiways at Spinks Airport. The primary source of funding for capital improvements comes in the form of grants from the Federal Aviation Administration. Other funding sources include land credits, gas well revenues, and pay as you go (cash) funding. The FY 2020-2024 CIP positions the Aviation Department for future growth and enables responsible maintenance of critical infrastructure at the three airports.

5 Year Capital Improvement Plan

Public Events CIP

The Public Events Department's FY 2020-2024 CIP contains approximately \$24M in planned capital expenditures. Highlights of this CIP include multi-year contributions to the Dickies Arena and multi-year projects for improvements at the Convention Center and WRMC. The primary sources of funding for capital improvements comes in the form of the 2% Hotel Occupancy Tax and the Culture and Tourism Operating Fund. The FY 2020-2024 CIP ensures the Public Events Department can continue to serve as a major contributor to the City's robust tourism industry and enables responsible maintenance and enhancements of the City's tourism related assets.

General CIP

Multiple Departments fall within the City's General CIP. These Departments include: Communication and Public Engagement, Fire, Information Technology Solutions, Library, Neighborhood Services, Park and Recreation (including Golf), Police, Property Management, and Transportation and Public Works (including Parking). The General FY 2020-2024 CIP contains approximately \$477.6M in planned capital expenditures. This plan reflects a sustained commitment to the upkeep of City facilities, transportation infrastructure, technological improvements, vehicles and equipment replacement. Additionally, the plan enables the city's commitment to lasting improvements in the community with parks, community centers, public safety, and general city assets enjoyed by the public.

Solid Waste CIP

The Solid Waste's FY 2020-2024 CIP contains over \$40M in planned capital and defined pilot program expenditures over the next five years. Highlights of this CIP include a multi-year funding commitment to implement the City's 2017-2037 Comprehensive Solid Waste Management Plan; engagement of industrial, commercial and institutional organizations in waste minimization and diversion practices through the Material Management Program; evaluation and implementation of necessary programs to preserve the long-term disposal capacity in the City's Southeast Landfill; and improvement of Residential Services with enhanced contracts and programs. The FY 2020-2024 Solid Waste CIP ensures community safety and environmental improvements beyond the five-year period.

Stormwater CIP

Fort Worth's Stormwater Management Program is a very capital-intensive enterprise, which requires continuous investment in extensive above- and below-ground infrastructure. Continued investment in the drainage system is a prerequisite for the health and safety of the community it serves as well as economic growth and prosperity in the future. The Capital Improvement Plan (CIP) totals to more than \$142M and funds capital improvements required to mitigate flood risk, ensure system reliability by replacing aging infrastructure and facilities, support the City's bond programs for street rehabilitation, meet corporate priorities, and facilitate economic revitalization in areas where development is hampered by chronic flooding.

Water CIP

The Water Department's FY 2020-2024 Capital Improvement Plan contains approximately \$1B in planned capital expenditures over a five year period. The Plan furthers the Department's mission to enable the community to thrive with clean water done right every time. The Plan includes strategies to address system growth, rehabilitation, corporate priorities, legislative and regulatory mandates and operational enhancements. Funding is primarily achieved through the sale of revenue bonds and pay-as you-go funding, but also leverages gas lease revenues, impact fee revenues and State funds.

5 Year Capital Improvement Plan

High Level Summary of the 5 Year Capital Improvement Plans

CIP Plans	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Aviation	14,138,434	18,832,251	7,789,679	22,247,882	22,661,400	85,669,646
Public Events	4,385,000	6,735,000	4,385,000	5,035,000	3,885,000	24,425,000
General	144,485,145	94,025,641	78,868,556	80,165,071	81,855,492	479,399,905
Solid Waste	875,000	4,265,000	3,750,000	23,800,000	7,540,000	40,230,000
Stormwater	14,536,510	21,235,258	30,740,187	37,870,027	38,130,668	142,512,650
Water	297,783,193	221,069,891	166,765,763	140,787,149	259,318,700	1,085,724,696
Total Plans	\$476,203,282	\$366,163,041	\$292,299,185	\$309,905,129	\$413,391,260	\$1,857,961,897

Funding Origin	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Total Funding Sources	\$476,203,282	\$366,163,041	\$292,299,185	\$309,905,129	\$413,391,260	\$1,857,961,897

Summary

As noted in the preceding paragraphs, the CFW has a robust, funded, and future-focused CIP. This document reflects a months-long, city-wide, dedicated effort in the planning and production of the FY 2019-2023 CIP. The following pages provide enhanced detail and full transparency on all the elements of the CFW CIP.

5 Year Capital Improvement Plan

All Plans Chapters

CIP Plan	CIP Chapter	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Aviation Plan	Alliance Airport	8,504,185	4,291,167	5,567,036	10,902,882	21,808,400	51,073,670
	Meacham Airport	4,475,000	11,776,084	712,000	6,645,000	303,000	23,911,084
	Spinks Airport	1,159,249	2,765,000	1,510,643	4,700,000	550,000	10,684,892
	Total	\$ 14,138,434	\$ 18,832,251	\$ 7,789,679	\$ 22,247,882	\$ 22,661,400	\$ 85,669,646
Public Events Plan	Convention Ctr	585,000	2,385,000	335,000	835,000	335,000	4,475,000
	Dickies Arena	1,000,000	1,000,000	2,000,000	2,000,000	2,000,000	8,000,000
	Will Rogers Memorial Col	2,800,000	3,350,000	2,050,000	2,200,000	1,550,000	11,950,000
	Total	\$ 4,385,000	\$ 6,735,000	\$ 4,385,000	\$ 5,035,000	\$ 3,885,000	\$ 24,425,000
General Plan	Asset Management	75,000	200,000	50,000	50,000	200,000	575,000
	Capital Outlay	26,866,265	22,602,633	22,774,786	23,099,640	23,479,509	118,822,833
	City Facilities	9,065,705	5,506,000	5,512,000	5,500,000	5,845,000	31,428,705
	Community Improvements	10,513,479	11,242,488	7,572,250	7,840,250	7,714,650	44,883,117
	Information Technology	10,988,826	8,506,650	8,080,650	8,240,311	7,953,463	43,769,900
	Transportation	86,975,870	45,967,870	34,878,870	35,434,870	36,662,870	239,920,350
	Total	\$144,485,145	\$ 94,025,641	\$ 78,868,556	\$ 80,165,071	\$ 81,855,492	\$479,399,905
Solid Waste Plan	Capital Outlay	575,000	1,175,000	675,000	650,000	650,000	3,725,000
	City Facilities	300,000	1,585,000	1,965,000	21,040,000	1,875,000	26,765,000
	Waste & Litter Mgmt	-	1,505,000	1,110,000	2,110,000	5,015,000	9,740,000
	Total	\$ 875,000	\$ 4,265,000	\$ 3,750,000	\$ 23,800,000	\$ 7,540,000	\$ 40,230,000
Stormwater Plan	Capital Outlay	1,525,000	1,730,000	1,636,000	1,636,000	1,636,000	8,163,000
	Drainage Erosion Control	13,011,510	19,405,258	29,104,187	36,134,027	36,394,668	134,049,650
	Information Technology	-	100,000	-	100,000	100,000	300,000
	Total	\$ 14,536,510	\$ 21,235,258	\$ 30,740,187	\$ 37,870,027	\$ 38,130,668	\$142,512,650
Water Plan	Wastewater	187,328,350	71,850,000	63,350,000	15,000,000	157,500,000	495,028,350
	Water Prj	110,454,843	149,219,891	103,415,763	125,787,149	101,818,700	590,696,346
	Total	\$297,783,193	\$221,069,891	\$166,765,763	\$140,787,149	\$259,318,700	\$1,085,724,696
Total Plans		\$476,203,282	\$366,163,041	\$292,299,185	\$309,905,129	\$413,391,260	\$1,857,961,897

Aviation

FY 2020 – 2024

5 Year Capital Improvement Plan

Aviation 5 Year Capital Improvement Plan

Aviation 5 Year Capital Improvement Plan Summary

OVERVIEW

The City of Fort Worth Aviation System is home to three world-class airports – Alliance, Meacham International, and Spinks. Owned by the City of Fort Worth, each airport offers a diverse industrial base, which makes it an attractive location for a variety of businesses. The Capital Improvement Plan is meant to serve as a tool for planning improvements which will enhance the ability to serve the general aviation community and ensure on-going maintenance is completed and resulting in continued sustainability and growth.

BACKGROUND/HISTORY

The Aviation Department promotes economic activity through aeronautical and non-aeronautical spending generated by businesses and aircraft operators at the three Fort Worth Airports: Alliance Airport (Alliance), Meacham International Airport (Meacham) and Spinks Airport (Spinks). Meacham and Spinks are operated by Aviation Department staff whereas the Department contracts with Alliance Air Services to manage Alliance.

The Aviation Department is a fully self-sustaining enterprise department supported through the collection of hangar and ground lease revenue, fuel flowage fees, Alliance revenue percentage and administration building revenue. These funds are administered through the Aviation Department and are discussed below.

Aviation Department Administration is responsible for accounts payable/receivable, grants management, human resources, leasing, and accounting and budgeting for all three Fort Worth airports to varying degrees. The Operations division is responsible for the day-to-day operations of each airport and inspects each airport to identify deficiencies and implement appropriate corrective action. The Maintenance division is responsible for maintaining airfields and airport facilities.

FACILITIES

Fort Worth Alliance Airport – Established in 1989, Alliance Airport holds the distinction of being the world's first industrial airport and is the centerpiece of a 20,000 acre master-planned development known as AllianceTexas. Alliance was built to house large industrial and cargo operators, and potentially scheduled passenger service in the future. The airport is owned by the City of Fort Worth and operated by privately-held Alliance Aviation Services, a subsidiary of Hillwood Development Company, LLC. The airport features a vast array of flight services, including general aviation, industrial/air cargo, and military aviation. The airport maintains a U.S. Customs and Border Protection office for the convenience of its on-sight businesses and users. The airport is nearly 1,200 acres and contains two 11,000 foot concrete runways.

In addition to general aviation services, Alliance serves as the southwest regional hub for FedEx which is one of the principal anchor tenants. Other major tenants include Burlington Northern Santa Fe (BNSF) Railway, Bell Helicopter Textron, the Drug Enforcement Administration, and DynCorp International. Alliance Air Services serves as the only FBO at the airport and provides: 20,000 square feet of customer services areas/office space, multiple community hangars, fuel, and based aircraft.

Fort Worth Meacham International Airport – As the city's oldest operating airport – dating to 1925 - it is situated just five miles north of downtown Fort Worth. From its humble beginnings as a 100-acre site with dirt and sod runways, the airport has grown into a premiere general aviation airport. Meacham now encompasses nearly 900 acres of land with two active runways. There are currently 78 total hangar facilities accounting for 1.5 million square feet of hangar space which house over 400 based aircraft and continues to grow.

Aviation 5 Year Capital Improvement Plan

The renovation of its main administration building was completed in 2017. Aviation, Planning and Development staff, and other airport tenants, including one of three Fixed Based Operators (FBOs), are now located in the newly renovated building. The three FBOs are Texas Jet, Cornerstone, and American Aero. The FBOs provide a majority of the airport's fuel flowage and hangar space. Meacham's based businesses are primarily aviation-oriented and include fueling, maintenance, storage, painting, flight training, and aero-medical flights.

Fort Worth Spinks Airport – Spinks airport, located 14 miles south of downtown Fort Worth, was originally established in the early 1960s as Oak Grove Airport and remained active until its owner and founder Maurice "Pappy" Spinks died. In 1989, a ceremony was held closing Oak Grove and activating Spinks Airport, just adjacent to the west and named in his honor. It is the newest of the three Fort Worth airports and covers an area of just over 800 acres.

Spinks is made up of two runways - one asphalt surface and the other a turf surface. Its single FBO has constructed a 7,400 square foot terminal building. Currently, it has 60 hangar facilities which house 241 based aircraft. A new perimeter road along its northern boundary and the construction of a new community fire station is now complete. It is anticipated that the completion of both the north perimeter road and installation of a fire station will spur additional development at and directly adjacent to the airport.

Spinks is home to a single FBO; Harrison Aviation, which provides the airport's aeronautical fuel as well as concierge services. Other on-sight businesses at Spinks include aviation maintenance and paint facilities, hangar storage, fueling, and flight training.

CAPITAL IMPROVEMENT STRATEGY

The development and implementation of the Five-year Capital Improvement Plan (CIP) serves to define and prioritize CIP projects over the long-term. It identifies essential needs but also those initiatives which optimize operational capacity, enhance safety, and strengthen and enhance the economic aspects of each airport and the Aviation Department as a whole. It identifies upgrades and maintenance required in order to meet the needs of facility users and achieve the Department's mission to provide high-quality, cost effective facilities to meet the General Aviation needs of North Texas. This long-range plan provides the Airports, and the City, a path to support the overall needs of general aviation within Fort Worth, as well as meet the specific needs of each airport. The criteria for the plan were derived from pavement condition index (PCI) surveys of each airport, strategic communication with clients, visits to competing facilities, identification of aging systems and infrastructure, and discussions with airport tenants.

CAPITAL REVENUE SOURCES

Texas Department of Transportation (TxDOT) Aviation

Meacham and Spinks Airports both depend on grant funding from TxDOT Aviation to complete airfield projects such as runway and taxiway replacement and rehabilitation work. These funds pass through TxDOT from the FAA in the form of entitlement and discretionary grants through the Block Grant Program. Grants are provided to the airports on a 90/10 cost split; TxDOT provides 90 percent of the project cost and the City is responsible for providing a 10 percent match.

Federal Aviation Administration (FAA)

Alliance, with primarily cargo operations, receives cargo entitlement and discretionary grants directly from the FAA and does not utilize TxDOT Aviation for its Airport Improvement Program (AIP) grants.

Aviation 5 Year Capital Improvement Plan

Enterprise Fund

The Aviation Department is a fully self-sustaining enterprise fund and derives its revenue from the following primary sources:

1. Building, hangar, and ground leases
2. A per gallon fuel flowage fee
3. Landing Fees at Alliance Airport

Gas Well Legacy Trust Fund

The Gas Well legacy trust fund was established to ensure that City of Fort Worth airports would have a long term and dependable revenue source in the form of interest generated by the fund. As revenue is generated by the gas wells on airport property, the revenue is split and placed in both the trust fund and also in the usable fund. The interest from the trust is utilized to complete aviation capital projects and to match AIP grants from TxDOT Aviation.

Gas Well Usable Funds

This is a proportion of gas well revenue not placed within the Trust Fund. The usable gas well account must be used on projects that will generate operating revenue for the Aviation Department to ensure long term viability and sustainability.

Aviation 5 Year Capital Improvement Plan

Aviation 5 Year Capital Improvement Plan – Chapter Summary

Aviation Plan	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Alliance Airport	8,504,185	4,291,167	5,567,036	10,902,882	21,808,400	51,073,670
Meacham Airport	4,475,000	11,776,084	712,000	6,645,000	303,000	23,911,084
Spinks Airport	1,159,249	2,765,000	1,510,643	4,700,000	550,000	10,684,892
Total Plan	\$ 14,138,434	\$ 18,832,251	\$ 7,789,679	\$ 22,247,882	\$ 22,661,400	\$ 85,669,646

Funding Source	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Municipal Airport Capital Intrafund Transfer Out	213,000	450,000	162,000	345,000	228,000	1,398,000
Aviation Gas Lease Cap Proj UNSGAS Project	180,000	-	206,064	1,100,000	-	1,486,064
FAA Grants Contrib From M-Airpt Grant Fed	8,220,352	14,386,805	3,880,879	5,035,737	2,864,991	34,388,764
TxDot Grants Intrgv Rev - TXDOT	4,200,000	-	1,854,579	9,900,000	-	15,954,579
Future In-Kind In Kind - Contrib From Others	1,325,082	3,995,446	1,686,157	5,867,145	19,568,409	32,442,239
Total Funding Source	\$ 14,138,434	\$ 18,832,251	\$ 7,789,679	\$ 22,247,882	\$ 22,661,400	\$ 85,669,646

Aviation 5 Year Capital Improvement Plan

Alliance Airport Chapter

Chapter	Capital Category	Project	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Alliance Airport	Equipment	Purchase Equipment - Sweeper Truck	370,370	-	-	-	-	370,370
		Purchase Equipment - ARFF Vehicle	-	-	1,234,568	-	-	1,234,568
	Land	New ARFF / Training Station (Land Acquisition)	-	-	-	-	182,476	182,476
	New Facilities	Groundwater Drainage North of Taxiway G (Design)	-	-	-	-	140,658	140,658
	New Runway/Taxiway	Taxiway Papa Extension	6,930,000	-	-	-	-	6,930,000
	Rehabilitation	Misc. Pavement Repairs (Design/Construction)	166,667	166,667	166,667	166,667	152,063	818,731
		Rehabilitate Airfield Shoulders	450,673	3,927,973	2,753,984	4,765,144	-	11,897,774
		Upgrade Ramp Lighting (LED)	135,802	-	-	-	-	135,802
		Rehabilitate Taxiway Alpha Shoulders	-	-	-	4,765,144	-	4,765,144
		Runway 16R Joint Repair (Construction)	-	-	-	1,205,927	-	1,205,927
		Runway 16L Joint Repair (Design)	-	196,527	-	-	-	196,527
		Runway 16L Joint Repair (Construction)	-	-	1,411,817	-	-	1,411,817
		AFW Rehabilitate Runway and Taxiway Shoulders (Design)	450,673	-	-	-	-	450,673
		AFW Runway 16L Concrete Replacement	-	-	-	-	21,333,203	21,333,203
Chapter Total			\$ 8,504,185	\$ 4,291,167	\$ 5,567,036	\$ 10,902,882	\$ 21,808,400	\$ 51,073,670

Funding Source	Funding Type	FY2020	FY2021	FY2022	FY2023	FY2024	Total
FAA Grants	Contrib From M-Airpt Grant Fed	7,293,228	3,704,829	3,880,879	5,035,737	2,302,491	22,217,164
Future In-Kind	In Kind - Contrib From Others	1,210,957	586,338	1,686,157	5,867,145	19,505,909	28,856,506
Total Funding Source		\$ 8,504,185	\$ 4,291,167	\$ 5,567,036	\$ 10,902,882	\$ 21,808,400	\$ 51,073,670

Project Details

Plan	Chapter	Category	Department	Council District
Aviation	Alliance Airport	Equipment	Aviation	Council District 7

Project Name: Purchase Equipment - Sweeper Truck

Description: This project will provide a new sweeper truck for Alliance Airport, used in clearing and cleaning runways. This project will be 90% grant-funded.

Justification: Clean runways are an essential element in a safe and operational airport. By keeping runways free of man-made and weather-related debris, the street sweeper will play a part in this.

Projected Date Range: FY 2020

Project Request	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Purchase Equipment - Sweeper Truck	\$ 370,370	\$ -	\$ -	\$ -	\$ -	\$ 370,370

Funding Source	FY2020	FY2021	FY2022	FY2023	FY2024	Total
FAA Grants	333,333	-	-	-	-	333,333
Future In-Kind	37,037	-	-	-	-	37,037
Total	\$ 370,370	\$ -	\$ -	\$ -	\$ -	\$ 370,370

Full Annual Operating Budget Impact

	Fund	Department	Amount	AP's
Revenue				
Personnel Costs				
Operating Costs				
Total				

Impact Comments: Projects in the Fort Worth Municipal Airports Capital Improvements Plan will not be subject to operating impact. Operating impact for those projects that impact Alliance Airport will be borne by Alliance Air Services, a private entity in charge of operations and day-to-day management of the airport. For all others, operating impact will occur beyond the scope of this plan or will be minor enough that the department may absorb it.

Project Details

Plan	Chapter	Category	Department	Council District
Aviation	Alliance Airport	Equipment	Aviation	Council District 7

Project Name: Purchase Equipment – ARFF Vehicle

Description: This project will provide a new aircraft rescue firefighting (ARFF) vehicle for Alliance Airport. This project will be 90% grant-funded.

Justification: The Aircraft Rescue Firefighting (ARFF) vehicle is used in the worst of emergencies when a specialized rescue crew is needed to address a fire in an aircraft. The last purchase of an ARFF for Alliance Airport occurred in 2011.

Projected Date Range: FY 2022

Project Request	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Purchase Equipment - ARFF Vehicle	\$ -	\$ -	\$ 1,234,568	\$ -	\$ -	\$ 1,234,568

Funding Source	FY2020	FY2021	FY2022	FY2023	FY2024	Total
FAA Grants	-	-	1,111,111	-	-	1,111,111
Future In-Kind	-	-	123,457	-	-	123,457
Total	\$ -	\$ -	\$ 1,234,568	\$ -	\$ -	\$ 1,234,568

Full Annual Operating Budget Impact

	Fund	Department	Amount	AP's
Revenue				
Personnel Costs				
Operating Costs				
Total				

Impact Comments: Projects in the Fort Worth Municipal Airports Capital Improvements Plan will not be subject to operating impact. Operating impact for those projects that impact Alliance Airport will be borne by Alliance Air Services, a private entity in charge of operations and day-to-day management of the airport. For all others, operating impact will occur beyond the scope of this plan or will be minor enough that the department may absorb it.

Project Details

Plan	Chapter	Category	Department	Council District
Aviation	Alliance Airport	Land	Aviation	Council District 7

Project Name: New ARFF / Training Station (Land Acquisition)

Description: This project is to acquire land for a new Aircraft Rescue Fire Fighting (ARFF) facility and training station for the current fire station located at Alliance Airport.

Justification: There is a rapid growth and expansion at Alliance Airport due to development and the completion of the Alliance Runway Extension. The airport will be seeing increased flight activity, particularly with larger aircraft with increased payloads. In the event of an emergency situation, it is imperative that we have an ARFF facility strategically located in an area where the firefighters can reach the aircraft in a shorter time frame than where they are currently located.

Projected Date Range: FY 2024

Project Request	FY2020	FY2021	FY2022	FY2023	FY2024	Total
New ARFF / Training Station (Land Acquisition)	\$ -	\$ -	\$ -	\$ -	\$ 182,476	\$ 182,476

Funding Source	FY2020	FY2021	FY2022	FY2023	FY2024	Total
FAA Grants	-	-	-	-	18,248	18,248
Future In-Kind	-	-	-	-	164,228	164,228
Total	\$ -	\$ -	\$ -	\$ -	\$ 182,476	\$ 182,476

Full Annual Operating Budget Impact

	Fund	Department	Amount	AP's
Revenue				
Personnel Costs				
Operating Costs				
Total				

Impact Comments: Projects in the Fort Worth Municipal Airports Capital Improvements Plan will not be subject to operating impact. Operating impact for those projects that impact Alliance Airport will be borne by Alliance Air Services, a private entity in charge of operations and day-to-day management of the airport. For all others, operating impact will occur beyond the scope of this plan or will be minor enough that the department may absorb it.

Project Details

Plan	Chapter	Category	Department	Council District
Aviation	Alliance Airport	New Facilities	Aviation	Council District 7

Project Name: Groundwater Drainage North of Taxiway G (Design)

Description: This project fund design costs necessary to resolve the drainage issue north of Taxiway G at Meacham Airport.

Justification: This project must be completed to satisfy FAA Part 139 requirements that state safety areas must be drained by grading or storm sewers to prevent water accumulation.

Projected Date Range: FY 2024

Project Request	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Groundwater Drainage North of Taxiway G (Design)	\$ -	\$ -	\$ -	\$ -	\$ 140,658	\$ 140,658

Funding Source	FY2020	FY2021	FY2022	FY2023	FY2024	Total
FAA Grants	-	-	-	-	14,066	14,066
Future In-Kind	-	-	-	-	126,592	126,592
Total	\$ -	\$ -	\$ -	\$ -	\$ 140,658	\$ 140,658

Full Annual Operating Budget Impact

	Fund	Department	Amount	AP's
Revenue				
Personnel Costs				
Operating Costs				
Total				

Impact Comments: Projects in the Fort Worth Municipal Airports Capital Improvements Plan will not be subject to operating impact. Operating impact for those projects that impact Alliance Airport will be borne by Alliance Air Services, a private entity in charge of operations and day-to-day management of the airport. For all others, operating impact will occur beyond the scope of this plan or will be minor enough that the department may absorb it.

Project Details

Plan	Chapter	Category	Department	Council District
Aviation	Alliance Airport	New Runway/Taxiway	Aviation	Council District 7

Project Name: Taxiway Papa Extension

Description: Phase 2 of the Taxiway Papa design will include professional engineering services for finalizing the plans and specifications for construction of Taxiway Papa from Taxiway Delta to Taxiway Foxtrot. Construction will be divided into multiple phases to match available funding. Early works may include earthwork, drainage, and utilities. This project will be 90% grant-funded.

Justification: The extension of Taxiway Papa, including new taxiway connectors to Runway 16R-34L at Taxiways Echo and Foxtrot, is needed to improve the safe operation of Runway 16R-34L. This provides Air Traffic Control flexibility to depart aircraft from the active runway quicker, reducing potential for runway incursions caused by aircraft still within the Runway Safety Area.

Projected Date Range: FY 2020

Project Request	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Taxiway Papa Extension	\$ 6,930,000	\$ -	\$ -	\$ -	\$ -	\$ 6,930,000

Funding Source	FY2020	FY2021	FY2022	FY2023	FY2024	Total
FAA Grants	6,237,000	-	-	-	-	6,237,000
Future In-Kind	693,000	-	-	-	-	693,000
Total	\$ 6,930,000	\$ -	\$ -	\$ -	\$ -	\$ 6,930,000

Full Annual Operating Budget Impact

	Fund	Department	Amount	AP's
Revenue				
Personnel Costs				
Operating Costs				
Total				

Impact Comments: Projects in the Fort Worth Municipal Airports Capital Improvements Plan will not be subject to operating impact. Operating impact for those projects that impact Alliance Airport will be borne by Alliance Air Services, a private entity in charge of operations and day-to-day management of the airport. For all others, operating impact will occur beyond the scope of this plan or will be minor enough that the department may absorb it.

Project Details

Plan	Chapter	Category	Department	Council District
Aviation	Alliance Airport	Rehabilitation	Aviation	Council District 7

Project Name: Misc. Pavement Repairs (Design/Construction)

Description: This project will address aging pavement throughout Alliance Airport, which undermines the beautification and, at times, the safety of the facility. This project will be 90% grant-funded.

Justification: This is necessary for keeping pavement, taxiways, runways, and aprons at the airport so they are constantly fit for takeoff and landing. Failure to maintain pavement can result in safety issues and a finding from the Federal Aviation Administration during their annual Part 139 Inspection.

Projected Date Range: FY 2020 – FY 2024

Project Request	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Misc. Pavement Repairs (Design/Construction)	\$ 166,667	\$ 166,667	\$ 166,667	\$ 166,667	\$ 152,063	\$ 818,731

Funding Source	FY2020	FY2021	FY2022	FY2023	FY2024	Total
FAA Grants	150,000	150,000	150,000	150,000	136,857	736,857
Future In-Kind	16,667	16,667	16,667	16,667	15,206	81,874
Total	\$ 166,667	\$ 166,667	\$ 166,667	\$ 166,667	\$ 152,063	\$ 818,731

Full Annual Operating Budget Impact

	Fund	Department	Amount	AP's
Revenue				
Personnel Costs				
Operating Costs				
Total				

Impact Comments: Projects in the Fort Worth Municipal Airports Capital Improvements Plan will not be subject to operating impact. Operating impact for those projects that impact Alliance Airport will be borne by Alliance Air Services, a private entity in charge of operations and day-to-day management of the airport. For all others, operating impact will occur beyond the scope of this plan or will be minor enough that the department may absorb it.

Project Details

Plan	Chapter	Category	Department	Council District
Aviation	Alliance Airport	Rehabilitation	Aviation	Council District 7

Project Name: Rehabilitate Taxiway Shoulders

Description: Alliance airport has recently reached a major milestone in the overhaul of its main runways, bringing each to 11,000 feet. This long-term project will build off of that with wider shoulders for each runway and replacement of failing shoulders on the taxiways. Design is programmed for FY 2020 with construction being phased out in years 2021, 2022, and 2023. Order of construction is Runway 16L, Runway 16R, Taxiway Alpha. This project will be 90% grant-funded.

Justification: Longer runways and taxiways are necessary to attract a wider array of businesses to access Alliance Airport, as Fort Worth further establishes the airport as a major hub for industry use. A longer takeoff is necessary for larger planes to gain speed, especially on hotter days. Wide shoulders will make runways safer as planes take off at high speeds from long runways.

Projected Date Range: FY 2020 - FY 2023

Project Request	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Rehabilitate Airfield Shoulders	\$ 450,673	\$ 3,927,973	\$ 2,753,984	\$ 4,765,144	\$ -	\$ 11,897,774

Funding Source	FY2020	FY2021	FY2022	FY2023	FY2024	Total
FAA Grants	405,606	3,535,176	2,478,586	4,288,630	-	10,707,998
Future In-Kind	45,067	392,797	275,398	476,514	-	1,189,776
Total	\$ 450,673	\$ 3,927,973	\$ 2,753,984	\$ 4,765,144	\$ -	\$ 11,897,774

Full Annual Operating Budget Impact

	Fund	Department	Amount	AP's
Revenue				
Personnel Costs				
Operating Costs				
Total				

Impact Comments: Projects in the Fort Worth Municipal Airports Capital Improvements Plan will not be subject to operating impact. Operating impact for those projects that impact Alliance Airport will be borne by Alliance Air Services, a private entity in charge of operations and day-to-day management of the airport. For all others, operating impact will occur beyond the scope of this plan or will be minor enough that the department may absorb it.

Project Details

Plan	Chapter	Category	Department	Council District
Aviation	Alliance Airport	Rehabilitation	Aviation	Council District 7

Project Name: Upgrade Ramp Lighting (LED)

Description: This project will overhaul ramp lighting at Alliance Airport, keeping the ramps well-lit throughout the day with LED bulbs. This project will be 90% grant-funded.

Justification: LED bulbs are brighter and far more energy-efficient than their predecessors. On top of energy savings costs, these will be replaced less frequently, leading to fewer potential service disruptions.

Projected Date Range: FY 2020

Project Request	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Upgrade Ramp Lighting (LED)	\$ 135,802	\$ -	\$ -	\$ -	\$ -	\$ 135,802

Funding Source	FY2020	FY2021	FY2022	FY2023	FY2024	Total
FAA Grants	122,222	-	-	-	-	122,222
Future In-Kind	13,580	-	-	-	-	13,580
Total	\$ 135,802	\$ -	\$ -	\$ -	\$ -	\$ 135,802

Full Annual Operating Budget Impact

	Fund	Department	Amount	AP's
Revenue				
Personnel Costs				
Operating Costs				
Total				

Impact Comments: Projects in the Fort Worth Municipal Airports Capital Improvements Plan will not be subject to operating impact. Operating impact for those projects that impact Alliance Airport will be borne by Alliance Air Services, a private entity in charge of operations and day-to-day management of the airport. For all others, operating impact will occur beyond the scope of this plan or will be minor enough that the department may absorb it.

Project Details

Plan	Chapter	Category	Department	Council District
Aviation	Alliance Airport	Rehabilitation	Aviation	Council District 7

Project Name: Rehabilitate Taxiway Alpha Shoulders

Description: This project will fund the rehabilitation of Taxiway Alpha Shoulders at Alliance Airport. This project will be funded by FAA grant funds.

Justification: This project is necessary to ensure that taxiway shoulders are maintained. Failure to maintain the pavement can lead to aircraft safety issues as well as findings from the FAA during the annual Part 139 inspection

Projected Date Range: FY 2023

Project Request	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Rehabilitate Taxiway Alpha Shoulders	\$ -	\$ -	\$ -	\$ 4,765,144	\$ -	\$ 4,765,144

Funding Source	FY2020	FY2021	FY2022	FY2023	FY2024	Total
FAA Grants	-	-	-	476,514	-	476,514
Future In-Kind	-	-	-	4,288,630	-	4,288,630
Total	\$ -	\$ -	\$ -	\$ 4,765,144	\$ -	\$ 4,765,144

Full Annual Operating Budget Impact

	Fund	Department	Amount	AP's
Revenue				
Personnel Costs				
Operating Costs				
Total				

Impact Comments: Projects in the Fort Worth Municipal Airports Capital Improvements Plan will not be subject to operating impact. Operating impact for those projects that impact Alliance Airport will be borne by Alliance Air Services, a private entity in charge of operations and day-to-day management of the airport. For all others, operating impact will occur beyond the scope of this plan or will be minor enough that the department may absorb it.

Project Details

Plan	Chapter	Category	Department	Council District
Aviation	Alliance Airport	Rehabilitation	Aviation	Council District 7

Project Name: Runway 16R Joint Repair (Construction)

Description: This project will fund joint repair work on Runway 16R at Alliance Airport.

Justification: Repairs are necessary to maintain the safety of aircraft utilizing Runway 16R at Alliance. Failure to maintain the pavement will reduce takeoff/landing capacity due to pavement failures. If the joints are not maintained or repaired in a timely fashion it could lead to larger more costly pavement issues.

Projected Date Range: FY 2023

Project Request	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Runway 16R Joint Repair (Construction)	\$ -	\$ -	\$ -	\$ 1,205,927	\$ -	\$ 1,205,927

Funding Source	FY2020	FY2021	FY2022	FY2023	FY2024	Total
FAA Grants	-	-	-	120,593	-	120,593
Future In-Kind	-	-	-	1,085,334	-	1,085,334
Total	\$ -	\$ -	\$ -	\$ 1,205,927	\$ -	\$ 1,205,927

Full Annual Operating Budget Impact

	Fund	Department	Amount	AP's
Revenue				
Personnel Costs				
Operating Costs				
Total				

Impact Comments: Projects in the Fort Worth Municipal Airports Capital Improvements Plan will not be subject to operating impact. Operating impact for those projects that impact Alliance Airport will be borne by Alliance Air Services, a private entity in charge of operations and day-to-day management of the airport. For all others, operating impact will occur beyond the scope of this plan or will be minor enough that the department may absorb it.

Project Details

Plan	Chapter	Category	Department	Council District
Aviation	Alliance Airport	Rehabilitation	Aviation	Council District 7

Project Name: Runway 16L Joint Repair (Design)

Description: This project is for the design of the joint repair work on Runway 16L, Runway 16R, and miscellaneous taxiway joint repairs.

Justification: Repairs are necessary to maintain the safety of aircraft utilizing Runway 16L at Alliance. Failure to maintain the pavement will reduce takeoff/landing capacity due to pavement failures. If the joints are not maintained or repaired in a timely fashion it could lead to larger more costly pavement issues.

Projected Date Range: FY 2021

Project Request	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Runway 16L Joint Repair (Design)	\$ -	\$ 196,527	\$ -	\$ -	\$ -	\$ 196,527

Funding Source	FY2020	FY2021	FY2022	FY2023	FY2024	Total
FAA Grants	-	19,653	-	-	-	19,653
Future In-Kind	-	176,874	-	-	-	176,874
Total	\$ -	\$ 196,527	\$ -	\$ -	\$ -	\$ 196,527

Full Annual Operating Budget Impact

	Fund	Department	Amount	AP's
Revenue				
Personnel Costs				
Operating Costs				
Total				

Impact Comments: Projects in the Fort Worth Municipal Airports Capital Improvements Plan will not be subject to operating impact. Operating impact for those projects that impact Alliance Airport will be borne by Alliance Air Services, a private entity in charge of operations and day-to-day management of the airport. For all others, operating impact will occur beyond the scope of this plan or will be minor enough that the department may absorb it.

Project Details

Plan	Chapter	Category	Department	Council District
Aviation	Alliance Airport	Rehabilitation	Aviation	Council District 7

Project Name: Runway 16L Joint Repair (Construction)

Description: This project will fund the repair of joint spalling, joint seal damage on Runway 16 L at Fort Worth Alliance Airport

Justification: Repairs are necessary to maintain the safety of aircraft utilizing Runway 16L at Alliance. Failure to maintain the pavement will reduce takeoff/landing capacity due to pavement failures. If the joints are not maintained or repaired in a timely fashion it could lead to larger more costly pavement issues.

Projected Date Range: FY 2022

Project Request	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Runway 16L Joint Repair (Construction)	\$ -	\$ -	\$ 1,411,817	\$ -	\$ -	\$ 1,411,817

Funding Source	FY2020	FY2021	FY2022	FY2023	FY2024	Total
FAA Grants	-	-	141,182	-	-	141,182
Future In-Kind	-	-	1,270,635	-	-	1,270,635
Total	\$ -	\$ -	\$ 1,411,817	\$ -	\$ -	\$ 1,411,817

Full Annual Operating Budget Impact

	Fund	Department	Amount	AP's
Revenue				
Personnel Costs				
Operating Costs				
Total				

Impact Comments: Projects in the Fort Worth Municipal Airports Capital Improvements Plan will not be subject to operating impact. Operating impact for those projects that impact Alliance Airport will be borne by Alliance Air Services, a private entity in charge of operations and day-to-day management of the airport. For all others, operating impact will occur beyond the scope of this plan or will be minor enough that the department may absorb it.

Project Details

Plan	Chapter	Category	Department	Council District
Aviation	Alliance Airport	Rehabilitation	Aviation	Council District 7

Project Name: AFW Rehabilitate Runway and Taxiway Shoulders (Design)

Description: This project will pay for the design of runway and taxiway shoulders at Alliance Airport. This project will be 90% funded by the FAA Cargo Entitlement Grant

Justification: This project is necessary to ensure that taxiway and runway shoulders are maintained. Failure to maintain the pavement can lead to aircraft safety issues as well as findings from the FAA during the annual Part 139 inspection.

Projected Date Range: FY 2020

Project Request	FY2020	FY2021	FY2022	FY2023	FY2024	Total
AFW Rehabilitate Runway and Taxiway Shoulders (Design)	\$ 450,673	\$ -	\$ -	\$ -	\$ -	\$ 450,673

Funding Source	FY2020	FY2021	FY2022	FY2023	FY2024	Total
FAA Grants	45,067	-	-	-	-	45,067
Future In-Kind	405,606	-	-	-	-	405,606
Total	\$ 450,673	\$ -	\$ -	\$ -	\$ -	\$ 450,673

Full Annual Operating Budget Impact

	Fund	Department	Amount	AP's
Revenue				
Personnel Costs				
Operating Costs				
Total				

Impact Comments: Projects in the Fort Worth Municipal Airports Capital Improvements Plan will not be subject to operating impact. Operating impact for those projects that impact Alliance Airport will be borne by Alliance Air Services, a private entity in charge of operations and day-to-day management of the airport. For all others, operating impact will occur beyond the scope of this plan or will be minor enough that the department may absorb it.

Project Details

Plan	Chapter	Category	Department	Council District
Aviation	Alliance Airport	Rehabilitation	Aviation	Council District 7

Project Name: AFW Runway 16L Concrete Replacement

Description: Replace the existing concrete pavement on Runway 16L, south of Taxiway Foxtrot.

Justification: It is necessary to maintain pavement to Title 14 CFR Part 139 standards in order to guarantee safe flight operations. The concrete being replaced is reaching the end of its useful lifespan and is in need of full replacement.

Projected Date Range: FY 2024

Project Request	FY2020	FY2021	FY2022	FY2023	FY2024	Total
AFW Runway 16L Concrete Replacement	\$ -	\$ -	\$ -	\$ -	\$ 21,333,203	\$ 21,333,203

Funding Source	FY2020	FY2021	FY2022	FY2023	FY2024	Total
FAA Grants	-	-	-	-	2,133,320	2,133,320
Future In-Kind	-	-	-	-	19,199,883	19,199,883
Total	\$ -	\$ -	\$ -	\$ -	\$ 21,333,203	\$ 21,333,203

Full Annual Operating Budget Impact

	Fund	Department	Amount	AP's
Revenue				
Personnel Costs				
Operating Costs				
Total				

Impact Comments: Projects in the Fort Worth Municipal Airports Capital Improvements Plan will not be subject to operating impact. Operating impact for those projects that impact Alliance Airport will be borne by Alliance Air Services, a private entity in charge of operations and day-to-day management of the airport. For all others, operating impact will occur beyond the scope of this plan or will be minor enough that the department may absorb it.

Aviation Capital Improvement Plan

Meacham Airport Chapter

Chapter	Capital Category	Project	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Meacham Airport	Assessments	Meacham Assessments & Studies P_P00009	-	-	50,000	-	-	50,000
	Equipment	Meacham Equipment - Vehicles P_P00011	75,000	45,000	112,000	145,000	228,000	605,000
	Facility Improvements	Meacham Maintenance P_P00112	4,200,000	140,000	-	-	75,000	4,415,000
	New Runway/Taxiway	Taxilane Juliet Aprons Delta and Charlie	200,000	5,000,000	-	-	-	5,200,000
	Rehabilitation	Parallel Taxiway Tango (Construction)	-	6,591,084	-	-	-	6,591,084
		Runway 16/34 Pavement, Lighting, and Signage	-	-	550,000	6,500,000	-	7,050,000
Chapter Total			\$4,475,000	\$11,776,084	\$712,000	\$6,645,000	\$303,000	\$23,911,084

Funding Source	Funding Type	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Municipal Airport	Capital Intrafund Transfer Out	75,000	185,000	162,000	145,000	228,000	795,000
Aviation Gas Lease Cap Proj	UNSGAS Project	-	-	55,000	650,000	-	705,000
FAA Grants	Contrib From M-Airpt Grant Fed	170,000	10,431,976	-	-	67,500	10,669,476
TxDot Grants	Intrgv Rev - TXDOT	4,200,000	-	495,000	5,850,000	-	10,545,000
Future In-Kind	In Kind - Contrib From Others	30,000	1,159,108	-	-	7,500	1,196,608
Total Funding Source		\$4,475,000	\$11,776,084	\$712,000	\$6,645,000	\$303,000	\$23,911,084

Project Details

Plan	Chapter	Category	Department	Council District
Aviation	Meacham Airport	Assessments	Aviation	Council District 2

Project Name: Meacham Assessments & Studies

Description: These projects will provide project assessments and studies at Fort Worth Meacham airport.

Justification: As a public entity there is a great deal of interest and investment in Airport’s ability to operate without harm to its community and environment. The assessment and study will ensure that all work to be performed minimizes these risks. The construction that follows will expand the runway and taxiway to serve a greater range of clientele.

Projected Date Range: Programmable

Project Request	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Meacham Assessments & Studies P_P00009	\$ -	\$ -	\$ 50,000	\$ -	\$ -	\$ 50,000

Funding Source	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Municipal Airport	-	-	50,000	-	-	50,000
Total	\$ -	\$ -	\$ 50,000	\$ -	\$ -	\$ 50,000

Full Annual Operating Budget Impact

	Fund	Department	Amount	AP's
Revenue				
Personnel Costs				
Operating Costs				
Total				

Impact Comments: Projects in the Fort Worth Municipal Airports Capital Improvements Plan will not be subject to operating impact. Operating impact for those projects that impact Alliance Airport will be borne by Alliance Air Services, a private entity in charge of operations and day-to-day management of the airport. For all others, operating impact will occur beyond the scope of this plan or will be minor enough that the department may absorb it.

Project Details

Plan	Chapter	Category	Department	Council District
Aviation	Meacham Airport	Equipment	Aviation	Council District 2

Project Name: Meacham Equipment - Vehicles

Description: These projects will provide equipment and vehicles for use at Fort Worth Meacham airport.

Justification: The current Meacham Airport equipment and vehicles are expected to last about two more years in its useful life. Its replacement is expected in FY2020 to enable the airport to continue to uphold a clean, efficient, and safe level of maintenance on the property.

Projected Date Range: Programmable

Project Request	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Meacham Equipment - Vehicles P_P00011	\$ 75,000	\$ 45,000	\$ 112,000	\$ 145,000	\$ 228,000	\$ 605,000

Funding Source	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Municipal Airport	75,000	45,000	112,000	145,000	228,000	605,000
Total	\$ 75,000	\$ 45,000	\$ 112,000	\$ 145,000	\$ 228,000	\$ 605,000

Full Annual Operating Budget Impact

	Fund	Department	Amount	AP's
Revenue				
Personnel Costs				
Operating Costs				
Total				

Impact Comments: Projects in the Fort Worth Municipal Airports Capital Improvements Plan will not be subject to operating impact. Operating impact for those projects that impact Alliance Airport will be borne by Alliance Air Services, a private entity in charge of operations and day-to-day management of the airport. For all others, operating impact will occur beyond the scope of this plan or will be minor enough that the department may absorb it.

Project Details

Plan	Chapter	Category	Department	Council District
Aviation	Meacham Airport	Facility Improvements	Aviation	Council District 2

Project Name: Meacham Maintenance

Description: These projects will provide maintenance at Fort Worth Meacham airport.

Justification: This programmable project will be a great enhancement to the maintenance in a variety of aspects at Forth Worth Meancham airport.

Projected Date Range: Programmable

Project Request	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Meacham Maintenance P_P00112	\$ 4,200,000	\$ 140,000	\$ -	\$ -	\$ 75,000	\$ 4,415,000

Funding Source	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Municipal Airport	-	140,000	-	-	-	140,000
FAA Grants	-	-	-	-	67,500	67,500
TxDot Grants	4,200,000	-	-	-	-	4,200,000
Future In-Kind	-	-	-	-	7,500	7,500
Total	\$ 4,200,000	\$ 140,000	\$ -	\$ -	\$ 75,000	\$ 4,415,000

Full Annual Operating Budget Impact

	Fund	Department	Amount	AP's
Revenue				
Personnel Costs				
Operating Costs				
Total				

Impact Comments: Projects in the Fort Worth Municipal Airports Capital Improvements Plan will not be subject to operating impact. Operating impact for those projects that impact Alliance Airport will be borne by Alliance Air Services, a private entity in charge of operations and day-to-day management of the airport. For all others, operating impact will occur beyond the scope of this plan or will be minor enough that the department may absorb it.

Project Details

Plan	Chapter	Category	Department	Council District
Aviation	Meacham Airport	New Runway/Taxiway	Aviation	Council District 2

Project Name: Taxilane Juliet Aprons Delta and Charlie

Description: This project will fund the design and construction of Taxilane Juliet, Apron Delta and Charlie at Meacham Airport. This project will be 90% grant funded.

Justification: This project will replace failed pavement in these areas. Replacement of the paved areas will maintain the safety of aircraft utilizing the apron and taxilane.

Projected Date Range: FY 2020 – FY 2021

Project Request	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Taxilane Juliet Aprons Delta and Charlie	\$ 200,000	\$ 5,000,000	\$ -	\$ -	\$ -	\$ 5,200,000

Funding Source	FY2020	FY2021	FY2022	FY2023	FY2024	Total
FAA Grants	170,000	4,500,000	-	-	-	4,670,000
Future In-Kind	30,000	500,000	-	-	-	530,000
Total	\$ 200,000	\$ 5,000,000	\$ -	\$ -	\$ -	\$ 5,200,000

Full Annual Operating Budget Impact

	Fund	Department	Amount	AP's
Revenue				
Personnel Costs				
Operating Costs				
Total				

Impact Comments: Projects in the Fort Worth Municipal Airports Capital Improvements Plan will not be subject to operating impact. Operating impact for those projects that impact Alliance Airport will be borne by Alliance Air Services, a private entity in charge of operations and day-to-day management of the airport. For all others, operating impact will occur beyond the scope of this plan or will be minor enough that the department may absorb it.

Project Details

Plan	Chapter	Category	Department	Council District
Aviation	Meacham Airport	New Runway/Taxiway	Aviation	Council District 2

Project Name: Parallel Taxiway Tango (Construction)

Description: This project will construct a new parallel taxiway located on the southwest side of the primary Runway 16/34. This project will be 90% grant funded.

Justification: This project will eliminate direct access to the runway environment from existing hangar facilities in accordance with FAA Airport Design standards. It will also allow for future hangar development on the southwest side of the airport.

Projected Date Range: FY2021

Project Request	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Parallel Taxiway Tango (Construction)	\$ -	\$ 6,591,084	\$ -	\$ -	\$ -	\$ 6,591,084

Funding Source	FY2020	FY2021	FY2022	FY2023	FY2024	Total
FAA Grants	-	5,931,976	-	-	-	5,931,976
Future In-Kind	-	659,108	-	-	-	659,108
Total	\$ -	\$ 6,591,084	\$ -	\$ -	\$ -	\$ 6,591,084

Full Annual Operating Budget Impact

	Fund	Department	Amount	AP's
Revenue				
Personnel Costs				
Operating Costs				
Total				

Impact Comments: Projects in the Fort Worth Municipal Airports Capital Improvements Plan will not be subject to operating impact. Operating impact for those projects that impact Alliance Airport will be borne by Alliance Air Services, a private entity in charge of operations and day-to-day management of the airport. For all others, operating impact will occur beyond the scope of this plan or will be minor enough that the department may absorb it.

Project Details

Plan	Chapter	Category	Department	Council District
Aviation	Meacham Airport	Rehabilitation	Aviation	Council District 2

Project Name: Runway 16/34 Pavement, Lighting, and Signage

Description: This project will provide a refresh of all major operational components of runway 16/34 at Meacham Airport. The project will be 90% grant-funded. Design in 2022 will be followed by construction in 2023.

Justification: These are all essential elements of maintaining a safe facility. Work on this runway began in 2004, and thus will be nearly 20 years old at the time of the project. Additionally, Taxiway Alpha was designed to function as a secondary runway when Runway 16/34 is closed for long-term maintenance. Taxiway Alpha must be maintained to the same standards as the primary runway in order to ensure continuity of operations.

Projected Date Range: FY 2022 – FY 2023

Project Request	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Runway 16/34 Pavement, Lighting, and Signage	\$ -	\$ -	\$ 550,000	\$ 6,500,000	\$ -	\$ 7,050,000

Funding Source	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Aviation Gas Lease Cap Proj	-	-	55,000	650,000	-	705,000
TxDot Grants	-	-	495,000	5,850,000	-	6,345,000
Total	\$ -	\$ -	\$ 550,000	\$ 6,500,000	\$ -	\$ 7,050,000

Full Annual Operating Budget Impact

	Fund	Department	Amount	AP's
Revenue				
Personnel Costs				
Operating Costs				
Total				

Impact Comments: Projects in the Fort Worth Municipal Airports Capital Improvements Plan will not be subject to operating impact. Operating impact for those projects that impact Alliance Airport will be borne by Alliance Air Services, a private entity in charge of operations and day-to-day management of the airport. For all others, operating impact will occur beyond the scope of this plan or will be minor enough that the department may absorb it.

Aviation Capital Improvement Plan

Spinks Airport Chapter

Chapter	Capital Category	Project	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Spinks Airport	Assessments	Spinks Assessment and Studies P_P00115	28,000	-	150,000	-	-	178,000
	Equipment	Spinks Equipment - Vehicles P_P00012	110,000	155,000	-	200,000	300,000	765,000
	Facility Improvements	Spinks Maintenance P_P00113	1,021,249	2,610,000	-	-	-	3,631,249
	New Runway/Taxiway	TWY Bravo & RWY 17R Extension	-	-	-	4,500,000	-	4,500,000
		TWY Echo & Foxtrot Replacement	-	-	1,360,643	-	-	1,360,643
		Taxiway Hotel (Construction)	-	-	-	-	250,000	250,000
Chapter Total			\$ 1,159,249	\$ 2,765,000	\$ 1,510,643	\$ 4,700,000	\$ 550,000	\$ 10,684,892

Funding Source	Funding Type	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Municipal Airport	Capital Intrafund Transfer Out	138,000	265,000	-	200,000	-	603,000
Aviation Gas Lease Cap Proj	UNSGAS Project	180,000	-	151,064	450,000	-	781,064
FAA Grants	Contrib From M-Airpt Grant Fed	757,124	250,000	-	-	495,000	1,502,124
TxDot Grants	Intrgv Rev - TXDOT	-	-	1,359,579	4,050,000	-	5,409,579
Future In-Kind	In Kind - Contrib From Others	84,125	2,250,000	-	-	55,000	2,389,125
Total Funding Source		\$ 1,159,249	\$ 2,765,000	\$ 1,510,643	\$ 4,700,000	\$ 550,000	\$ 10,684,892

Project Details

Plan	Chapter	Category	Department	Council District
Aviation	Spinks Airport	Assessments	Aviation	Council District 6

Project Name: Spinks Assessment and Studies

Description: These projects will provide project assessments and studies at Fort Worth Spinks airport.

Justification: As a public entity there is a great deal of interest and investment in Airport’s ability to operate without harm to its community and environment. The assessment and study will ensure that all work to be performed minimizes these risks. The construction that follows will expand the runway and taxiway to serve a greater range of clientele.

Projected Date Range: Programmable

Project Request	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Spinks Assessment and Studies P_P00115	\$ 28,000	\$ -	\$ 150,000	\$ -	\$ -	\$ 178,000

Funding Source	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Municipal Airport	28,000	-	-	-	-	28,000
Aviation Gas Lease Cap Proj	-	-	15,000	-	-	15,000
TxDot Grants	-	-	135,000	-	-	135,000
Total	\$ 28,000	\$ -	\$ 150,000	\$ -	\$ -	\$ 178,000

Full Annual Operating Budget Impact

	Fund	Department	Amount	AP's
Revenue				
Personnel Costs				
Operating Costs				
Total				

Impact Comments: Projects in the Fort Worth Municipal Airports Capital Improvements Plan will not be subject to operating impact. Operating impact for those projects that impact Alliance Airport will be borne by Alliance Air Services, a private entity in charge of operations and day-to-day management of the airport. For all others, operating impact will occur beyond the scope of this plan or will be minor enough that the department may absorb it.

Project Details

Plan	Chapter	Category	Department	Council District
Aviation	Spinks Airport	Equipment	Aviation	Council District 6

Project Name: Spinks Equipment – Vehicles

Description: These projects will provide equipment and vehicles for use at Fort Worth Spinks airport.

Justification: Spinks Airport is a growing operation with increasing demands of maintenance, surveying, and customer care. Purchase of these equipment and vehicles will support all functions of service provision at Spinks.

Projected Date Range: Programmable

Project Request	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Spinks Equipment - Vehicles P_P00012	\$ 110,000	\$ 155,000	\$ -	\$ 200,000	\$ 300,000	\$ 765,000

Funding Source	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Municipal Airport	110,000	155,000	-	200,000	-	465,000
FAA Grants	-	-	-	-	270,000	270,000
Future In-Kind	-	-	-	-	30,000	30,000
Total	\$ 110,000	\$ 155,000	\$ -	\$ 200,000	\$ 300,000	\$ 765,000

Full Annual Operating Budget Impact

	Fund	Department	Amount	AP's
Revenue				
Personnel Costs				
Operating Costs				
Total				

Impact Comments: Projects in the Fort Worth Municipal Airports Capital Improvements Plan will not be subject to operating impact. Operating impact for those projects that impact Alliance Airport will be borne by Alliance Air Services, a private entity in charge of operations and day-to-day management of the airport. For all others, operating impact will occur beyond the scope of this plan or will be minor enough that the department may absorb it.

Project Details

Plan	Chapter	Category	Department	Council District
Aviation	Spinks Airport	Facility Improvements	Aviation	Council District 6

Project Name: Spinks Maintenance

Description: These projects will provide maintenance at Fort Worth Spinks airport.

Justification: This programmable project will be a great enhancement to the maintenance in a variety of aspects at Forth Worth Spinks airport.

Projected Date Range: Programmable

Project Request	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Spinks Maintenance P_P00113	\$ 1,021,249	\$ 2,610,000	\$ -	\$ -	\$ -	\$ 3,631,249

Funding Source	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Municipal Airport	-	110,000	-	-	-	110,000
Aviation Gas Lease Cap Proj	180,000	-	-	-	-	180,000
FAA Grants	757,124	250,000	-	-	-	1,007,124
Future In-Kind	84,125	2,250,000	-	-	-	2,334,125
Total	\$ 1,021,249	\$ 2,610,000	\$ -	\$ -	\$ -	\$ 3,631,249

Full Annual Operating Budget Impact

	Fund	Department	Amount	AP's
Revenue				
Personnel Costs				
Operating Costs				
Total				

Impact Comments: Projects in the Fort Worth Municipal Airports Capital Improvements Plan will not be subject to operating impact. Operating impact for those projects that impact Alliance Airport will be borne by Alliance Air Services, a private entity in charge of operations and day-to-day management of the airport. For all others, operating impact will occur beyond the scope of this plan or will be minor enough that the department may absorb it.

Project Details

Plan	Chapter	Category	Department	Council District
Aviation	Spinks Airport	New Runway/Taxiway	Aviation	Council District 6

Project Name: Taxiway Bravo Extension 1000' N (Construction)

Description: This project will extend Taxiway Bravo and Runway 17R 1,000' to the north.

Justification: The runway and taxiway extension will expand will allow for larger fleet mix of aircraft to begin operating out of Spinks Airport and increase operations and potential tenants.

Projected Date Range: FY 2023

Project Request	FY2020	FY2021	FY2022	FY2023	FY2024	Total
TWY Bravo & RWY 17R Extension	\$ -	\$ -	\$ -	\$ 4,500,000	\$ -	\$ 4,500,000

Funding Source	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Aviation Gas Lease Cap Proj	-	-	-	450,000	-	450,000
TxDot Grants	-	-	-	4,050,000	-	4,050,000
Total	\$ -	\$ -	\$ -	\$ 4,500,000	\$ -	\$ 4,500,000

Full Annual Operating Budget Impact

	Fund	Department	Amount	AP's
Revenue				
Personnel Costs				
Operating Costs				
Total				

Impact Comments: Projects in the Fort Worth Municipal Airports Capital Improvements Plan will not be subject to operating impact. Operating impact for those projects that impact Alliance Airport will be borne by Alliance Air Services, a private entity in charge of operations and day-to-day management of the airport. For all others, operating impact will occur beyond the scope of this plan or will be minor enough that the department may absorb it.

Project Details

Plan	Chapter	Category	Department	Council District
Aviation	Spinks Airport	New Runway/Taxiway	Aviation	Council District 6

Project Name: TWY Echo & Foxtrot Replacement

Description: This project will remove the current layer of concrete for Taxiways Echo & Foxtrot at Spinks Airport and replace it with new concrete. This project will be 90% grant funded.

Justification: Taxiways Echo & Foxtrot is still in good repair, but approaching the end of the useful life of its current layer of concrete. Cracked or tarnished concrete provides a host of risks to aircraft that are preparing for takeoff or recently having landed.

Projected Date Range: FY2022

Project Request	FY2020	FY2021	FY2022	FY2023	FY2024	Total
TWY Echo & Foxtrot Replacement	\$ -	\$ -	\$ 1,360,643	\$ -	\$ -	\$ 1,360,643

Funding Source	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Aviation Gas Lease Cap Proj	-	-	136,064	-	-	136,064
TxDot Grants	-	-	1,224,579	-	-	1,224,579
Total	\$ -	\$ -	\$ 1,360,643	\$ -	\$ -	\$ 1,360,643

Full Annual Operating Budget Impact

	Fund	Department	Amount	AP's
Revenue				
Personnel Costs				
Operating Costs				
Total				

Impact Comments: Projects in the Fort Worth Municipal Airports Capital Improvements Plan will not be subject to operating impact. Operating impact for those projects that impact Alliance Airport will be borne by Alliance Air Services, a private entity in charge of operations and day-to-day management of the airport. For all others, operating impact will occur beyond the scope of this plan or will be minor enough that the department may absorb it.

Project Details

Plan	Chapter	Category	Department	Council District
Aviation	Spinks Airport	New Runway/Taxiway	Aviation	Council District 6

Project Name: Taxiway Hotel (Construction)

Description: Construction of Taxiway Hotel at Spinks Airport. This project will be 90% funded with grant funds.

Justification: This enables tenants on the east side of the airport to be able to have improved access to Runways. This will increase safety and reduce incursions while accessing runway.

Projected Date Range: FY 2024

Project Request	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Taxiway Hotel (Construction)	\$ -	\$ -	\$ -	\$ -	\$ 250,000	\$ 250,000

Funding Source	FY2020	FY2021	FY2022	FY2023	FY2024	Total
FAA Grants	-	-	-	-	225,000	225,000
Future In-Kind	-	-	-	-	25,000	25,000
Total	\$ -	\$ -	\$ -	\$ -	\$ 250,000	\$ 250,000

Full Annual Operating Budget Impact

	Fund	Department	Amount	AP's
Revenue				
Personnel Costs				
Operating Costs				
Total				

Impact Comments: Projects in the Fort Worth Municipal Airports Capital Improvements Plan will not be subject to operating impact. Operating impact for those projects that impact Alliance Airport will be borne by Alliance Air Services, a private entity in charge of operations and day-to-day management of the airport. For all others, operating impact will occur beyond the scope of this plan or will be minor enough that the department may absorb it.

Public Events

FY 2020 – 2024

5 Year Capital Improvement Plan

Public Events 5 Year Capital Improvement Plan

Public Events 5 Year Capital Improvement Plan Summary

OVERVIEW

The Culture and Tourism Fund promotes increased economic activity through visitor spending generated by events held at the Fort Worth Convention Center and the Will Rogers Memorial Center, Visit Fort Worth (formerly known as the Convention and Visitors Bureau) contracts with the City to market the destination.

All activities are supported through the collection of the hotel/motel occupancy taxes, DFW revenue share and the revenues generated by events scheduled at the Fort Worth Convention Center (FWCC) and the Will Rogers Memorial Center (WRMC).

The Public Events Department is responsible for managing, operating and maintaining the FWCC and WRMC; managing the Office of Outdoor Events; and providing administrative support for the Fort Worth Sports Authority. The FWCC and WRMC host national, regional and state conventions, & conferences, concerts & theatrical performances, and sporting & community events. In addition, the WRMC hosts world-class equestrian events and is the home venue for the annual Fort Worth Stock Show and Rodeo.

Visit Fort Worth's (VFW) contract with the City serves to enhance tourism and promote visitor activities in Fort Worth. VFW also manages the full-time operations of the Fort Worth Herd.

FACILITIES

Fort Worth Convention Center - Purchased from Tarrant County in 1997, the City embarked on a major revitalization and renovation of the Fort Worth Convention Center. The venue encompasses over 180,000 square feet of contiguous exhibit space with 45,000 square feet of storage and docks, an arena that will accommodate up to 13,000 people, a 28,000 square foot, contemporary ballroom, 38 adaptable meeting rooms (60,000 square feet) and a 55,000 square foot events plaza.

Will Rogers Memorial Center - Established in 1936 to house events near downtown and in the Cultural District, WRMC attracts in excess of two million visitors each year. This 135-acre facility plays host to an extensive variety of social, cultural, educational, recreational and sporting events. Major equestrian shows continue to be the primary commitment of the Center which features three climate controlled show arenas, a sale arena, capacity for 2,500 horse stalls, multiple exercise arenas, permanent cattle pens and recreational vehicle accommodations. The heart of the facility is the historic Will Rogers Coliseum which is home for many equestrian and sporting events including the legendary Fort Worth Stock Show & Rodeo which celebrated its 123rd year in 2019.

Cowtown Coliseum in the Stockyards National Historic District commemorated its 100th anniversary in 2008. Construction of the building began in 1907 and was completed in 1908 at a cost of \$250,000. The City of Fort Worth currently owns the familiar stucco building. Rodeo Plaza, Inc. (RPI) leases the facility and provides family oriented entertainment that represents the rich western cowboy culture and compliments the historical origins of the area. The city provides an annual subsidy of \$185,000 and RPI provides all other operating expenses and maintenance with the exception of expenses related to the central energy plant that is capped at \$12,000 per year and major capital projects. In addition to the Cowtown Coliseum, the leased premises include the Ride-Out Arena, Rodeo Plaza and the former FWPD Mounted Patrol Facility which currently houses the FW Herd.

Public Events 5 Year Capital Improvement Plan

CAPITAL IMPROVEMENT STRATEGY

In 2009, City Council amended the City's Financial Management Policy Statements to dedicate the revenue from the DFW Revenue Share for facility improvements at the Fort Worth Convention Center and Will Rogers Memorial Center. The Culture and Tourism Fund balance, accumulating from hotel occupancy taxes and facility revenues, has also provided funds for facility improvements.

The development and implementation of the five-year Capital Improvement Plan will ensure that the facilities are upgraded and maintained in order to meet the needs of the facility users and achieve the Department's mission to provide an exceptional customer experience. The criteria for the plan were based on a comprehensive facilities assessment which was conducted in 2015 – 2016, strategic communication with clients, completion of client surveys, visits to competing facilities, identification of aging systems and infrastructure, plus public/private partnerships with Events Facilities Fort Worth, Inc. and the Fort Worth Stock Show and Rodeo.

Convention Center: An architectural study and analysis of the Convention Center was completed in May 2016. The study reviewed the existing site conditions, including life safety, structural, electrical and HVAC systems as well as overall general condition of existing facility fixtures, finishes, materials and site accessibility. The study also examined all visible conditions and maintenance records. The final report includes recommendations, photos and illustrations of areas of concern, and estimates of probable remediation costs. The assessment identified 100 projects with probable costs of over \$22 million. Recommended remediation projects are prioritized and incorporated in to the 5 Year CIP as funds become available.

Will Rogers Memorial Center: The architectural study and analysis of the Will Rogers Memorial Center was completed in 2017. As with the Convention Center assessment, the projects are incorporated into the 5 Year CIP as funds become available based.

Cowtown Coliseum: The assessment of the Cowtown Coliseum was completed in July 2013. The project scope included a review of the overall condition of the facility as well as recommendations for repairs and an opinion of probable construction costs. The study encompassed structural, electrical, lighting and lighting controls, mechanical/plumbing and fire protection systems. The areas of insufficiency with the highest priorities are currently being addressed. Additional repair and renovation work will be scheduled as funding permits.

Dickies Arena at WRMC: Two independent strategic feasibility studies indicated the need for a multipurpose arena to complement the Will Rogers Memorial Center. In 2017, the citizens of Fort Worth overwhelmingly approved three venue taxes to support financing of the \$450,000,000 arena and adjacent event support and parking facilities with the a public contribution limited to \$225,000,000 and private sector participation for the remainder. The 9,300 fixed-seat state-of-the-art arena, with capacity for an additional 3,700 temporary seats, will bring concerts and larger entertainment events to the City and host community and school events as well as the Stock Show and Rodeo and will include support facilities and a public plaza. The 2,210 space parking garage was completed in 2017. It was named the Chevrolet Garage in October 2018. The construction on the arena, formally named the Dickies Arena, is on track for a November 2019 opening.

Fort Worth Convention Center Phase III expansion and new 1,000 room convention hotel: Multiple feasibility and economic impact studies indicated the need for a Phase 3 expansion of the convention center with additional exhibit and meeting space that would be flexible in order to accommodate larger exhibits or general sessions in order to attract more conventions. An additional 1,000 room convention hotel would also be needed to provide adequate hotel capacity to service existing and expanded conventions. The additional convention hotel along with an expanded convention center would provide the ability to host multiple, simultaneous conventions. The development strategy included completing the arena adjacent to the Will Rogers Memorial Center before removing the existing FWCC arena so that a venue would be available to host graduations, concerts and other events. A request for qualifications and proposals was issued in FY2016 for the development of a 1,000 room convention hotel, however, the project was suspended pending the determination of incentives that will be available for the

Public Events 5 Year Capital Improvement Plan

development. The preferred design would realign Commerce Street to provide the hotel pad sites necessary to accommodate the Phase 3A convention center expansion with the removal of the exhibit annex, expansion of kitchen facilities and renovated dock area to be included with the hotel construction at a later date. The Phase 3B expansion of the convention center to replace the arena with additional exhibit, ballroom and meeting space is anticipated to commence in approximately 2022-2025 subject to debt service capacity. A resolution (5090-05-2019) was passed by the City Council May 14, 2019 to establish the funding priorities to expand the Convention Center from the Project Finance Zone 1.

CAPITAL REVENUE SOURCES

Fund Balance

In previous years, the Culture & Tourism Fund balance has served as the primary source of cash funding of capital projects in order to upgrade aging facilities and improve service delivery. The current Financial Management Policy Statements require a fund balance of 16.67% which will be monitored to ensure the operations can weather any downturns. Excesses in future years could be used to continue capital investments.

DFW Revenue Share

In 1998, the City of Fort Worth entered into an agreement with the Cities of Euless and Dallas to provide for the sharing of DFW Rental Car taxes, plus incremental tax revenues generated by future economic development projects within the geographical boundaries of the Airport. Fort Worth also receives incremental taxes from other municipalities adjacent to the DFW Airport that are included in the DFW Revenue Share. In 2009, the City Council amended the City's Financial Management Policy Statements providing that the revenues from Dallas/Fort Worth Revenue Sharing be dedicated to facility improvements at the Fort Worth Convention Center and Will Rogers Memorial Center.

Currently the FY2019 budget is \$5.9 million. The revenue model sustains that revenue annually with no growth. With the opening of the DART train line to the airport, the opening of the TRE route in 2019, and the growth of the sharing market with services like Uber, it is expected that this could be a stagnant source of revenue going forward.

Hotel Occupancy Tax

On November 18, 1997, the City Council increased the Hotel Occupancy Tax (HOT) Rate to 9% with 2% of the tax collected to be used only for the expansion of an existing convention center facility or pledging payment of revenue or revenue refunding bonds issued in accordance with state law for the construction of the expansion. In 2013, state law was amended to expand the list of allowed uses to include a "qualified project," which is a defined concept that encompasses the Venue Project that includes the new Dickies Arena adjacent to the Will Rogers Memorial Center. On September 29, 2015, the Code of the City of Fort Worth was amended to add qualified projects as allowable expenditures for hotel occupancy taxes in excess of seven percent.

The revenue model projects growth of HOT within the Project Financing Zone (PFZ) to be 3.9% in demand. The non-PFZ hotels are anticipated to have 4.5% demand growth. This is a conservative estimate based on City-wide combined growth of 7% over the last decade, including the possibility of significant downturns. The model does not include the addition of a convention center hotel since it is anticipated that correlating revenue will be partially consumed by an incentive agreement to straighten Commerce Street and establish quality standard of the facility.

Project Financing Zone No. 1

On October 23, 2013, (M&C G-18048) the City Council adopted Ordinance No. 21011-10-2013 designating Project Financing Zone Number One (PFZ#1). The Ordinance identified two qualified projects under Section 351.1015(a) (5) of the Texas Tax Code. The two projects are the expansion of the Fort Worth Convention Center and the multipurpose arena including a livestock facility adjacent to the Will Rogers Memorial Center. The PFZ#1 encompasses the area within a three-

Public Events 5 Year Capital Improvement Plan

mile radius of each of the qualified projects from which incremental State Hotel Occupancy Taxes, Mixed Beverage Taxes and State Sales Taxes generated at hotels within the PFZ will be allocated to the City to assist in the financing of costs associated with each project. In January 2014, the State Comptroller of Public Accounts began to deposit increment above the 2013 base year into an account that will assist in financing the qualified projects. To date approximately \$9 million has been distributed to the City. Funds have been utilized to pay debt obligations associated with the Dickies Arena, renovations of the Historic Pioneer Tower and enhancements to Cattle Barn 1 at WRMC.

Venue Taxes

On November 4, 2014, the citizens of Fort Worth overwhelmingly approved three venue taxes to support financing of the \$450,000,000 arena and adjacent event and parking support facilities with the public contribution limited to \$225,000,000 and private sector participation for the remainder. Those taxes may be levied when the arena opens and include a ticket tax, parking tax and stall tax. Collections are not anticipated until 2020. The City will use the taxes, when implemented, to support debt issuances related to the construction of Dickies arena.

Public Events 5 Year Capital Improvement Plan

Public Events 5 Year Capital Improvement Plan - Chapter Summary

Public Events Plan	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Convention Ctr	585,000	2,385,000	335,000	835,000	335,000	4,475,000
Dickies Arena	1,000,000	1,000,000	2,000,000	2,000,000	2,000,000	8,000,000
Will Rogers Memorial Col	2,800,000	3,350,000	2,050,000	2,200,000	1,550,000	11,950,000
Total Plan	\$ 4,385,000	\$ 6,735,000	\$ 4,385,000	\$ 5,035,000	\$ 3,885,000	\$ 24,425,000

Funding Source	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Culture & Tourism Capital Interfund Transfer Out	1,035,000	1,035,000	2,035,000	2,035,000	2,035,000	8,175,000
Culture & Tourism 2% Hotel Capital Interfund Transfer Out	3,350,000	2,900,000	2,350,000	3,000,000	1,850,000	13,450,000
DFW Rev Sharing Capital Interfund Transfer Out	-	2,800,000	-	-	-	2,800,000
Total Funding Source	\$ 4,385,000	\$ 6,735,000	\$ 4,385,000	\$ 5,035,000	\$ 3,885,000	\$ 24,425,000

Public Events Capital Improvement Plan

Convention Center Chapter

Chapter	Capital Category	Project	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Convention Ctr	Equipment	Portable Meeting Room Chairs (11,000)	-	1,100,000	-	-	-	1,100,000
	Redevelopment/Reno	FWCC Minor Renovation & Repair P_P00053	585,000	1,285,000	335,000	835,000	335,000	3,375,000
Chapter Total			\$ 585,000	\$ 2,385,000	\$ 335,000	\$ 835,000	\$ 335,000	\$ 4,475,000

Funding Source	Funding Type	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Culture & Tourism	Capital Interfund Transfer Out	35,000	35,000	35,000	35,000	35,000	175,000
Culture & Tourism 2% Hotel	Capital Interfund Transfer Out	550,000	2,350,000	300,000	800,000	300,000	4,300,000
Total Funding Source		\$ 585,000	\$ 2,385,000	\$ 335,000	\$ 835,000	\$ 335,000	\$ 4,475,000

Project Details

Plan	Chapter	Category	Department	Council District
Public Events	Convention Ctr	Equipment	Culture & Tourism	Council District 9

Project Name: Portable Meeting Room Chairs (11,000)

Description: Replace all 11,000 banquet/stacking chairs within the FWCC.

Justification: The chairs will be 20 years old by the time of this project. Clients will appreciate the new chairs to improve their customer experience.

Projected Date Range: FY 2021

Project Request	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Portable Meeting Room Chairs (11,000)	\$ -	\$ 1,100,000	\$ -	\$ -	\$ -	\$ 1,100,000

Funding Source	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Culture & Tourism 2% Hotel	-	1,100,000	-	-	-	1,100,000
Total	\$ -	\$ 1,100,000	\$ -	\$ -	\$ -	\$ 1,100,000

Full Annual Operating Budget Impact

	Fund	Department	Amount	AP's
Revenue				
Personnel Costs				
Operating Costs				
Total				

Impact Comments: This project will not incur operational costs.

Project Details

Plan	Chapter	Category	Department	Council District
Public Events	Convention Ctr	Redevelopment/Reno	Culture & Tourism	Council District 9

Project Name: FWCC Minor Renovation & Repair

Description: Programmable project with funding for minor renovation, rehabilitation, repairs and maintenance on existing systems, equipment and facilities.

Justification: Funding for projects that fall under a general scope and in the case of the FWCC the dollar amount stated above that will see continual reinvestment over many years. As minor repairs come up, funds are available in the bucket. Roof repairs are identified in Project #100525. In this category included is an annual transfer from Operating Fund 20101 directly to the Smart City Technology upgrade activity. This is transferred out dollar for dollar received. In this program period the total will be \$150,000 at a minimum. The Star Tower Terrazzo floor replacement will replace the floor in the Star Tower near the 13th Street entrance. Considering the age of the facility it is always an improvement to the client experience.

Projected Date Range: Programmable

Project Request	FY2020	FY2021	FY2022	FY2023	FY2024	Total
FWCC Minor Renovation & Repair P_P00053	\$ 585,000	\$ 1,285,000	\$ 335,000	\$ 835,000	\$ 335,000	\$ 3,375,000

Funding Source	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Culture & Tourism	35,000	35,000	35,000	35,000	35,000	175,000
Culture & Tourism 2% Hotel	550,000	1,250,000	300,000	800,000	300,000	3,200,000
Total	\$ 585,000	\$ 1,285,000	\$ 335,000	\$ 835,000	\$ 335,000	\$ 3,375,000

Full Annual Operating Budget Impact

	Fund	Department	Amount	AP's
Revenue				
Personnel Costs				
Operating Costs				
Total				

Impact Comments: This is a programmable project and will not incur operational costs.

Public Events 5 Year Capital Improvement Plan

Dickies Arena Chapter

Chapter	Capital Category	Project	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Dickies Arena	Redevelopment/Reno	New WRMC Arena P_C40004	1,000,000	1,000,000	2,000,000	2,000,000	2,000,000	8,000,000
Chapter Total			\$ 1,000,000	\$ 1,000,000	\$ 2,000,000	\$ 2,000,000	\$ 2,000,000	\$ 8,000,000

Funding Source	Funding Type	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Culture & Tourism	Capital Interfund Transfer Out	1,000,000	1,000,000	2,000,000	2,000,000	2,000,000	8,000,000
Total Funding Source		\$ 1,000,000	\$ 1,000,000	\$ 2,000,000	\$ 2,000,000	\$ 2,000,000	\$ 8,000,000

Project Details

Plan	Chapter	Category	Department	Council District
Public Events	Dickies Arena	Redevelopment/Reno	Culture & Tourism	Council District 7

Project Name: Dickies Arena

Description: This project was created as the holding place for cash contributed from Culture & Tourism operating funds to purchase the Bodycote property and relocation fees. Those expenses are complete and this is where the annual operating contribution is held. It will be used for reimbursement of 3rd party expenses or debt service payments. **This is not a construction project.**

Justification: Two independent strategic feasibility studies indicated the need for a multipurpose arena to complement Will Rogers Memorial Center. In 2014, the citizens of Fort Worth overwhelmingly approved three venue taxes to support financing of the \$450 M arena and adjacent event support and parking facilities with a public contribution limited to \$225 M and private sector participation for the remainder.

Projected Date Range: Programmable

Project Request	FY2020	FY2021	FY2022	FY2023	FY2024	Total
New WRMC Arena P_C40004	\$ 1,000,000	\$ 1,000,000	\$ 2,000,000	\$ 2,000,000	\$ 2,000,000	\$ 8,000,000

Funding Source	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Culture & Tourism	1,000,000	1,000,000	2,000,000	2,000,000	2,000,000	8,000,000
Total	\$ 1,000,000	\$ 1,000,000	\$ 2,000,000	\$ 2,000,000	\$ 2,000,000	\$ 8,000,000

Full Annual Operating Budget Impact

	Fund	Department	Amount	AP's
Revenue				
Personnel Costs				
Operating Costs				
Total				

Impact Comments: This project will not incur operational costs.

Public Events 5 Year Capital Improvement Plan

Will Rogers Memorial Coliseum Chapter

Chapter	Capital Category	Project	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Will Rogers Memorial Col	Equipment	Marquee Upgrade	-	500,000	-	-	-	500,000
		Soundsystem Upgrade (Moncrief)	-	500,000	-	-	-	500,000
		Fire Alarm (3) Replacements	850,000	-	-	-	-	850,000
		Coliseum Transformer Replacement	-	-	-	1,000,000	-	1,000,000
	Redevelopment /Reno	AC Exhibit Interior AHU	-	-	-	-	1,000,000	1,000,000
		WRMC Minor Renovation & Repair P_P00054	1,950,000	550,000	1,150,000	1,200,000	550,000	5,400,000
		Richardson Bass Roof Replacement (South)	-	1,300,000	-	-	-	1,300,000
		Soundsystem Upgrade (Burnett)	-	-	900,000	-	-	900,000
		Amon Carter Lighting Upgrade	-	500,000	-	-	-	500,000
Chapter Total			\$ 2,800,000	\$ 3,350,000	\$ 2,050,000	\$ 2,200,000	\$ 1,550,000	\$ 11,950,000

Funding Source	Funding Type	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Culture & Tourism 2% Hotel	Capital Interfund Transfer Out	2,800,000	550,000	2,050,000	2,200,000	1,550,000	9,150,000
DFW Rev Sharing	Capital Interfund Transfer Out	-	2,800,000	-	-	-	2,800,000
Total Funding Source		\$ 2,800,000	\$ 3,350,000	\$ 2,050,000	\$ 2,200,000	\$ 1,550,000	\$ 11,950,000

Project Details

Plan	Chapter	Category	Department	Council District
Public Events	Will Rogers Memorial Col	Equipment	Culture & Tourism	Council District 7

Project Name: WRMC Marquee Upgrade

Description: Replace and/or upgrade the existing tri-sided marquee at the intersection of Lancaster & University.

Justification: Marquee was replaced in 2014, project would replace and or upgrade the electronics and/or software.

Projected Date Range: FY 2021

Project Request	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Marquee Upgrade	\$ -	\$ 500,000	\$ -	\$ -	\$ -	\$ 500,000

Funding Source	FY2020	FY2021	FY2022	FY2023	FY2024	Total
DFW Rev Sharing	-	500,000	-	-	-	500,000
Total	\$ -	\$ 500,000	\$ -	\$ -	\$ -	\$ 500,000

Full Annual Operating Budget Impact

	Fund	Department	Amount	AP's
Revenue				
Personnel Costs				
Operating Costs				
Total				

Impact Comments: This project will not incur operational costs.

Project Details

Plan	Chapter	Category	Department	Council District
Public Events	Will Rogers Memorial Col	Equipment	Culture & Tourism	Council District 7

Project Name: Sound System Upgrade (Moncrief)

Description: Replace the sound system in the Moncrief building.

Justification: Upgrade technologies in sound system. The current systems are old and repair parts are nonexistent. This will improve the client experience.

Projected Date Range: FY 2021

Project Request	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Soundsystem Upgrade (Moncrief)	\$ -	\$ 500,000	\$ -	\$ -	\$ -	\$ 500,000

Funding Source	FY2020	FY2021	FY2022	FY2023	FY2024	Total
DFW Rev Sharing	-	500,000	-	-	-	500,000
Total	\$ -	\$ 500,000	\$ -	\$ -	\$ -	\$ 500,000

Full Annual Operating Budget Impact

	Fund	Department	Amount	AP's
Revenue				
Personnel Costs				
Operating Costs				
Total				

Impact Comments: This project will not incur operational costs.

Project Details

Plan	Chapter	Category	Department	Council District
Public Events	Will Rogers Memorial Col	Equipment	Culture & Tourism	Council District 7

Project Name: WRMC Fire Alarm (3) Replacements

Description: Replace fire alarm systems in the Richardson Bass, Moncrief and Amon Carter buildings. Systems will have reached end of life by the time of this project in 2020.

Justification: A WRMC assessment was completed in 2018 and this was a priority as it is a safety impact for employees and clients.

Projected Date Range: FY 2020

Project Request	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Fire Alarm (3) Replacements	\$ 850,000	\$ -	\$ -	\$ -	\$ -	\$ 850,000

Funding Source	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Culture & Tourism 2% Hotel	850,000	-	-	-	-	850,000
Total	\$ 850,000	\$ -	\$ -	\$ -	\$ -	\$ 850,000

Full Annual Operating Budget Impact

	Fund	Department	Amount	AP's
Revenue				
Personnel Costs				
Operating Costs				
Total				

Impact Comments: This project will not incur operational costs.

Project Details

Plan	Chapter	Category	Department	Council District
Public Events	Will Rogers Memorial Col	Equipment	Culture & Tourism	Council District 7

Project Name: Coliseum Transformer Replacement

Description: The three electrical distribution rooms located on the outside the inner Coliseum concourse need to be reworked or relocated to make them code compliant. These rooms are hazardous and should be evaluated for arc flash. Including the areas with the oil switches, there are 5 locations in the Coliseum that need to have new transformer/switch installed. Ideally, this equipment should be placed outside the building due to space requirements

Justification: 4,160 volt feeds serve each of these rooms. Where the power enters the room there is a 4,160 volt disconnect switch. In two of the rooms the original oil filled switches are still in use. One of the rooms has had the oil filled switch removed and a current code compliant 4,160 volt disconnect switch installed. In all three rooms the 4,160 switch feed a transformer with an output of 277/480 volts. Neither the disconnect switches nor the transformers have required code clearance for maintenance.

Projected Date Range: FY 2023

Project Request	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Coliseum Transformer Replacement	\$ -	\$ -	\$ -	\$ 1,000,000	\$ -	\$ 1,000,000

Funding Source	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Culture & Tourism 2% Hotel	-	-	-	1,000,000	-	1,000,000
Total	\$ -	\$ -	\$ -	\$ 1,000,000	\$ -	\$ 1,000,000

Full Annual Operating Budget Impact

	Fund	Department	Amount	AP's
Revenue				
Personnel Costs				
Operating Costs				
Total				

Impact Comments: This project will not incur operational costs.

Project Details

Plan	Chapter	Category	Department	Council District
Public Events	Will Rogers Memorial Col	Equipment	Culture & Tourism	Council District 7

Project Name: AC Exhibit Interior AHU

Description: The 12, 50-ton chilled water air handlers are also approximately 35 years old and have exceeded their life expectancy. Recommended to replace these units with 12 similar unit, 50-ton Chilled/Hot water air handlers.

Justification: Replace old air handler units.

Projected Date Range: FY 2024

Project Request	FY2020	FY2021	FY2022	FY2023	FY2024	Total
AC Exhibit Interior AHU	\$ -	\$ -	\$ -	\$ -	\$ 1,000,000	\$ 1,000,000

Funding Source	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Culture & Tourism 2% Hotel	-	-	-	-	1,000,000	1,000,000
Total	\$ -	\$ -	\$ -	\$ -	\$ 1,000,000	\$ 1,000,000

Full Annual Operating Budget Impact

	Fund	Department	Amount	AP's
Revenue				
Personnel Costs				
Operating Costs				
Total				

Impact Comments: This project will not incur operational costs.

Project Details

Plan	Chapter	Category	Department	Council District
Public Events	Will Rogers Memorial Col	Redevelopment/Reno	Culture & Tourism	Council District 7

Project Name: WRMC Minor Renovation & Repair

Description: Programmable project with funding for minor renovation, rehabilitation, repairs and maintenance on existing systems, equipment and facilities with a cost less than \$250,000 per project at WRMC.

Justification: Funding for projects that fall under a general scope and in the case of the WRMC the dollar amount stated above that will see continual reinvestment over many years.

Plans include, but are not limited to:

Annual \$200,000 towards the WRMC Sprinkler project of the barns. Project #100222

Annual \$50,000 towards the WRMC Roof repairs. Project #100238

Reserves of \$930,000 for planned and prioritized needs.

Replacement and repair of the auditorium stage floor, Table replacements, Moncrief air handler replacements

Projected Date Range: Programmable

Project Request	FY2020	FY2021	FY2022	FY2023	FY2024	Total
WRMC Minor Renovation & Repair P_P00054	\$ 1,950,000	\$ 550,000	\$ 1,150,000	\$ 1,200,000	\$ 550,000	\$ 5,400,000

Funding Source	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Culture & Tourism 2% Hotel	1,950,000	550,000	1,150,000	1,200,000	550,000	5,400,000
Total	\$ 1,950,000	\$ 550,000	\$ 1,150,000	\$ 1,200,000	\$ 550,000	\$ 5,400,000

Full Annual Operating Budget Impact

	Fund	Department	Amount	AP's
Revenue				
Personnel Costs				
Operating Costs				
Total				

Impact Comments: This is a programmable project and will not incur operational costs.

Project Details

Plan	Chapter	Category	Department	Council District
Public Events	Will Rogers Memorial Col	Redevelopment/Reno	Culture & Tourism	Council District 7

Project Name: Richardson Bass Roof Replacement (South)

Description: Replace the south roof of the Richardson-Bass building.

Justification: This portion of the roof is leaking but is over the cattle pens and was last replaced in 1995 after a hail storm. This will complete the roof replacement on the Richardson-Bass Building.

Projected Date Range: FY 2021

Project Request	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Richardson Bass Roof Replacement (South)	\$ -	\$ 1,300,000	\$ -	\$ -	\$ -	\$ 1,300,000

Funding Source	FY2020	FY2021	FY2022	FY2023	FY2024	Total
DFW Rev Sharing	-	1,300,000	-	-	-	1,300,000
Total	\$ -	\$ 1,300,000	\$ -	\$ -	\$ -	\$ 1,300,000

Full Annual Operating Budget Impact

	Fund	Department	Amount	AP's
Revenue				
Personnel Costs				
Operating Costs				
Total				

Impact Comments: This project will not incur operational costs.

Project Details

Plan	Chapter	Category	Department	Council District
Public Events	Will Rogers Memorial Col	Redevelopment/Reno	Culture & Tourism	Council District 9

Project Name: Sound System Upgrade (Burnett)

Description: Replace the sound system in the Burnett building.

Justification: Upgrade technologies in sound system. The current systems are old and repair parts are nonexistent. This will improve the client experience.

Projected Date Range: FY 2022

Project Request	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Soundsystem Upgrade (Burnett)	\$ -	\$ -	\$ 900,000	\$ -	\$ -	\$ 900,000

Funding Source	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Culture & Tourism 2% Hotel	-	-	900,000	-	-	900,000
Total	\$ -	\$ -	\$ 900,000	\$ -	\$ -	\$ 900,000

Full Annual Operating Budget Impact

	Fund	Department	Amount	AP's
Revenue				
Personnel Costs				
Operating Costs				
Total				

Impact Comments: This project will not incur operational costs.

Project Details

Plan	Chapter	Category	Department	Council District
Public Events	Will Rogers Memorial Col	Redevelopment/Reno	Culture & Tourism	Council District 7

Project Name: Amon Carter Lighting Upgrade

Description: Replace existing building lighting with energy saving LED lights.

Justification: New lights will create even lighting and generate an anticipated 25-35% savings in energy and maintenance costs.

Projected Date Range: FY 2021

Project Request	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Amon Carter Lighting Upgrade	\$ -	\$ 500,000	\$ -	\$ -	\$ -	\$ 500,000

Funding Source	FY2020	FY2021	FY2022	FY2023	FY2024	Total
DFW Rev Sharing	-	500,000	-	-	-	500,000
Total	\$ -	\$ 500,000	\$ -	\$ -	\$ -	\$ 500,000

Full Annual Operating Budget Impact

	Fund	Department	Amount	AP's
Revenue				
Personnel Costs				
Operating Costs				
Total				

Impact Comments: This project will not incur operational costs.

General

FY 2020 – 2024

5 Year Capital Improvement Plan

General 5 Year Capital Improvement Plan

General 5 Year Capital Improvement Plan Summary

OVERVIEW

Multiple Departments fall within the City's General CIP. These Departments include: Communication and Public Engagement, Fire, Information Technology Solutions, Library, Neighborhood Services, Park and Recreation (including Golf), Police, Property Management, and Transportation and Public Works (including Parking).

Communication Equipment

The Communication and Public Engagement Department's CIP contains \$5.1M in planned expenditures over the five year period for Cable and Video Communications – FWTV. These capital expenditures enable the sustainment and enhancement of transparent information to citizens through the replacement and upgrade of technology in direct support of the City Council. All capital expenses for FWTV are paid through PEG fees paid to the city by the local cable provider. Approximately \$1.2 million dollars in PEG fees is received each year. These fees are put into a special fund for FWTV Capital purchases. PEG fees must be spent in accordance with Federal law, which stipulates that they cannot be used for any expense that is not considered a capital expenditure,

Fire Apparatus

The FY 2020 – 2024 CIP for fire apparatus contains total planned expenditures of \$37.4M over the five year period. These capital expenditures reflect the city's commitment to replace fire apparatus fleet, and enables the continued delivery of public safety to the community. The five-year CIP provides for the continued implementation of annual fire apparatus replacement plan. The FWFD apparatus replacement plan began in 1999 and is designed to provide consistent, scheduled replacement of front-line emergency response apparatus to avoid crisis replacement that would require emergency funding and to maintain a safe and efficient apparatus fleet. FWFD currently provides emergency response services from 43 fire stations and has 145 fire apparatus with a front-line life cycle of 10-12 years and an additional 5-8 years as a reserve apparatus. Proposed funding is utilizing equipment tax notes.

Police Vehicles and Equipment

The Police Department's CIP for vehicles and equipment contains planned expenditures of \$52.4M over the five-year period. Police vehicles are primarily purchased and replaced through the Vehicle Replacement Program in the Crime Control and Prevention District (CCPD). The Crime Control and Prevention District (CCPD), establishing a ½ cent sales tax dedicated to crime prevention, was approved by the Fort Worth community through an election in 1995. The District has since been renewed by voters in 2000, 2005, 2009, and 2014 for subsequent five-year periods. Revenue from the ½ cent sales tax serves a vital role in providing the necessary resources to effectively implement the capital improvement plan in all categories: vehicles, facilities, equipment, and technology.

The Police Department formulated a vehicle replacement plan that would allow the modernization of the fleet with the goal of no assigned patrol car to have more than 100,000 miles. To maintain this plan, it is necessary to consistently purchase fleet replacement vehicles and move higher-mileage cars to units that have less demanding operational needs. The replacement plan focuses on the front-line patrol vehicles as these are operated around-the-clock with very little downtime. In addition, unmarked, undercover and specialized vehicles are replaced as needed for police operations. The approved CIP funding and the established vehicle rotation schedule will ensure and optimize officer safety, operational costs, and resale value.

The Police Department utilizes a wide variety of specialized equipment in its operational units. The provision of safe and up-to-date equipment to sworn officers, and support staff, enables the continued delivery of all aspects of public safety to the community.

General 5 Year Capital Improvement Plan

City Facilities

The Property Management Department is responsible for managing building maintenance and repair, facility planning as well as architectural and construction management services for City facilities. The FY 2020 – FY 2024 Capital Improvement Plan (CIP) contains total planned expenditures of \$22.6M over the five year period. These fiscal resources reflect the Department's commitment to maintain approximately 3 million sq. ft. of City facilities. The CIP reflects a sustained commitment to the upkeep of City facilities including projects such as facilities renovation and remodel, HVAC and plumbing improvements, structural repairs, roof replacement, carpet and hard floor replacement.

Future Capital

The FY 2020 – FY 2024 CIP contains planned appropriations of over \$3.7M for future community partnerships. The city has committed these monies to be available to use in conjunction with community partners for joint capital improvement projects.

Park & Recreation (including Golf Course)

The Park and Recreation and Golf FY 2020 – FY 2024 CIP represents the Department's roadmap for future project expenditures for city-wide Park System improvements and Golf capital improvements. City-wide Park System capital improvements total \$32.7M and \$1M in Golf capital improvements over the five year period. These fiscal resources reflect the Department's commitment to replacement and renovation of existing park and golf infrastructure as well as provide new facilities for developing and redeveloping areas. Specifically, the CIP includes improvements such as erosion repair, road and parking lot repaving projects, playground replacement projects, development of new athletic field facilities, construction and sustainment of walks and trails, installation of security lighting, irrigation improvements, and development of reserve parks.

Information Technology

The Information Technology FY 2020 – FY 2024 CIP contains planned expenditures totaling \$43.6M over the 5-year period. The major categories of the City's investments in technology include: (1) Funding to replace, upgrade or repair PCs and laptops and associated network devices; (2) Funding to maintain and improve the City's core technical infrastructure (the computing environment is highly centralized leveraging a shared infrastructure); (3) Funding to maintain and improve the City's software based information systems. These include citizen facing systems as well as enterprise wide systems for all departments and department specific systems. These systems are managed on a system upgrade schedule with major projects being identified as needed; and (4) Funding to upgrade or replace major computer systems across departments or across the enterprise. The scope of the systems either benefit the entire organization or support large departmental operations that require significant investments in resources and time.

The IT Solutions Department strives to contribute to the City's strategic goals, mission and vision by implementing innovative state-of-the-art solutions. One of the primary roles of the department is to guide the use of technology for the City by listening to the business and operational needs of departments and implement enterprise solutions that will benefit the whole organization. The capital planning process allows IT Solutions and user departments to identify needs that are coordinated, prioritized and presented to the City leadership during the budget / capital planning process for approval.

The development and implementation of the five-year Capital Improvement Plan ensures that technology is upgraded and maintained in order to meet the needs of the departments and citizens. In addition, the City intends to leverage new technology to improve efficiency and meet the business needs of the organization. These CIP initiatives will ensure that the department can not only continue to support current systems but will also grow them to meet the technology needs of the City's departments.

General 5 Year Capital Improvement Plan

Neighborhood Improvement

The five-year CIP for the Neighborhood Improvement reflects the City's sustained commitment to the use of capital funding to support both Neighborhood Improvement Strategies (NIS) and alleyway maintenance. The five-year total for both NIS and alleyway maintenance is slightly more than \$17.2M. While the specific improvements will be tailored to the need in each neighborhood and alleyway, activities supported by these funds include (but are not limited to) substandard building abatement, urban forestry to improve roadside conditions, streetlight installation, and security camera installation. The five-year CIP enables the use of capital monies for demonstrable, lasting improvements in the community and reflects the commitment of the Neighborhood Services Department to make neighborhoods cleaner and safer, both now, and in the future.

Transportation

The Street System FY 2020 – FY 2024 CIP contains planned appropriations of over \$242.7M. The Street System serves all modes of transportation - vehicles, pedestrians, bicycles and public transportation providers, creating a mobile community that stimulates economic growth, revitalizing existing development, developing City growth centers, and building strong neighborhoods. Continued investment in the street infrastructure is critical to ensure that existing assets are functioning at their desired level and that new streets and facilities are added to serve the continued economic development and growth of the City and region.

VERF

The FY 2020 – FY 2024 Vehicle Equipment Replacement Fund (VERF) CIP contains planned appropriations of \$17.4M to manage the acquisition of the City's rolling stock, which includes automobiles, motorcycles, specialized mobile equipment and other motor driver capital assets.

General 5 Year Capital Improvement Plan

General 5 Year Capital Improvement Plan – Chapter Summary

General Plan	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Asset Management	75,000	200,000	50,000	50,000	200,000	575,000
Capital Outlay	26,866,265	22,602,633	22,774,786	23,099,640	23,479,509	118,822,833
City Facilities	9,065,705	5,506,000	5,512,000	5,500,000	5,845,000	31,428,705
Community Improvements	10,513,479	11,242,488	7,572,250	7,840,250	7,714,650	44,883,117
Information Technology	10,988,826	8,506,650	8,080,650	8,240,311	7,953,463	43,769,900
Transportation	86,975,870	45,967,870	34,878,870	35,434,870	36,662,870	239,920,350
Total Plan	\$144,485,145	\$ 94,025,641	\$ 78,868,556	\$ 80,165,071	\$ 81,855,492	\$479,399,905

Funding Source	FY2020	FY2021	FY2022	FY2023	FY2024	Total
General Fund Capital Interfund Transfer Out	50,288,316	49,814,870	51,376,870	53,298,747	54,884,165	259,662,968
General Fund VERN Transfer-Out	5,440,000	3,000,000	3,000,000	3,000,000	3,000,000	17,440,000
Crime Control & Prev Distr Capital Interfund Transfer Out	15,928,636	13,325,154	12,715,154	12,458,154	11,965,504	66,392,602
Crime Control & Prev Distr IT Refresh Transfer Out	412,887	482,597	419,920	633,924	759,252	2,708,580
Culture & Tourism Capital Interfund Transfer Out	196,000	200,000	200,000	200,000	200,000	996,000
Culture & Tourism IT Refresh Transfer Out	21,837	9,906	22,971	19,424	15,553	89,691
Municipal Golf IT Refresh Transfer Out	1,273	-	-	1,699	-	2,972
Botanic Gardens Specl Revenue Capital Interfund Transfer Out	260,000	400,000	200,000	-	-	860,000
Environmental Protection IT Refresh Transfer Out	900	13,143	28,424	1,699	-	44,166
Red Light Enforcement Program IT Refresh Transfer Out	-	2,984	1,561	-	-	4,545
Special Purpose Cable T.V Proj	750,000	1,800,000	850,000	850,000	850,000	5,100,000
Stormwater Utility IT Refresh Transfer Out	13,804	49,243	47,753	5,238	14,744	130,782
Solid Waste IT Refresh Transfer Out	-	85,683	39,377	31,820	-	156,880
Municipal Parking Capital Intrafund Transfer Out	108,225	35,000	35,000	35,000	35,000	248,225
Municipal Parking IT Refresh Transfer Out	900	16,274	10,820	-	-	27,994
Municipal Airport IT Refresh Transfer Out	9,762	7,887	18,363	26,384	13,019	75,415
Fleet & Equipment Serv Capital Interfund Transfer Out	-	360,000	180,000	1,100,000	145,000	1,785,000
Fleet & Equipment Serv IT Refresh Transfer Out	-	-	7,584	28,484	-	36,068
Capital Projects Service Capital Interfund Transfer Out	251,000	251,000	251,000	251,000	251,000	1,255,000
Capital Projects Service Capital Intrafund Transfer Out	262,000	262,000	262,000	262,000	262,000	1,310,000
Capital Projects Service IT Refresh Transfer Out	15,611	50,149	75,793	19,112	-	160,665
Group Health Insurance Fund IT Refresh Transfer Out	-	-	31,291	-	-	31,291
Risk Financing IT Refresh Transfer Out	7,228	8,134	29,143	-	-	44,505
PARD Gas Lease Capital Project UNSGAS Project	540,000	-	-	-	-	540,000
Muni Golf Gas Lease Cap Proj UNSGAS Project	110,000	150,000	200,000	225,000	400,000	1,085,000

General 5 Year Capital Improvement Plan

Funding Source		FY2020	FY2021	FY2022	FY2023	FY2024	Total
General Capital Projects	Lease Revenue	41,000	26,250	26,250	26,250	26,250	146,000
Special Donations Cap Projects	Contributions From Others	12,000	12,000	12,000	12,000	12,000	60,000
PARD Dedication Fees	Unspec Project	1,550,000	-	-	125,000	-	1,675,000
PARD Dedication Fees	Neighborhood Unit 1-17	-	58,238	-	-	-	58,238
PARD Dedication Fees	Neighborhood Unit 2-27	229,452	-	-	-	-	229,452
PARD Dedication Fees	Neighborhood Unit 2-28	132,479	-	-	-	-	132,479
PARD Dedication Fees	NU 6-22 Coventry Hills & Tarrant Park Vista Study	66,533	-	-	-	-	66,533
PARD Dedication Fees	NU 6-23 Bear Creek Vista	54,720	-	-	-	-	54,720
ITS Capital	Unspec Project	1,502,917	-	-	-	-	1,502,917
2018 Bond Program	Proceeds From Sale Of Bonds	57,960,000	16,750,000	625,000	-	-	75,335,000
7 Year Equipment Tax Notes	Proceeds From Tax Notes	7,852,604	6,355,129	7,702,282	7,057,136	8,522,005	37,489,156
Outside Revenue	Capital Interfund Transfer Out	465,061	500,000	500,000	497,000	500,000	2,462,061
Total Funding Source		\$144,485,145	\$ 94,025,641	\$ 78,868,556	\$ 80,165,071	\$ 81,855,492	\$479,399,905

General Capital Improvement Plan

Asset Management Chapter

Chapter	Capital Category	Project	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Asset Management	Studies	PARD Studies P_P00119	75,000	200,000	50,000	50,000	200,000	575,000
Chapter Total			\$ 75,000	\$ 200,000	\$ 50,000	\$ 50,000	\$ 200,000	\$ 575,000

Funding Source	Funding Type	FY2020	FY2021	FY2022	FY2023	FY2024	Total
General Fund	Capital Interfund Transfer Out	75,000	200,000	50,000	-	200,000	525,000
PARD Dedication Fees	Unspec Project	-	-	-	50,000	-	50,000
Total Funding Source		\$ 75,000	\$ 200,000	\$ 50,000	\$ 50,000	\$ 200,000	\$ 575,000

Project Details

Plan	Chapter	Category	Department	Council District
General	Asset Management	Studies	Park & Recreation	Citywide

Project Name: PARD Studies

Description: Research and development of studies (i.e., policies, reports, assessments, scopes, estimates, etc.) that outline, detail and/or explain the physical and budgetary needs necessary for city and departmental goals of the park system. These studies typically address the park system as a whole or address specific types of park projects that require special planning.

Justification: The PARD regularly researches and updates existing city and departmental goals, plans, assessments, etc. to stay current with community needs and projects that have become prevalent due to city and regional development.

Projected Date Range: Programmable

Project Request	FY2020	FY2021	FY2022	FY2023	FY2024	Total
PARD Studies P_P00119	\$ 75,000	\$ 200,000	\$ 50,000	\$ 50,000	\$ 200,000	\$ 575,000

Funding Source	FY2020	FY2021	FY2022	FY2023	FY2024	Total
General Fund	75,000	200,000	50,000	-	200,000	525,000
PARD Dedication Fees	-	-	-	50,000	-	50,000
Total	\$ 75,000	\$ 200,000	\$ 50,000	\$ 50,000	\$ 200,000	\$ 575,000

Full Annual Operating Budget Impact

	Fund	Department	Amount	AP's
Revenue				
Personnel Costs				
Operating Costs				
Total				

Impact Comments: This is a programmable project and will not incur operational costs.

General Capital Improvement Plan

Capital Outlay Chapter

Chapter	Capital Category	Project	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Capital Outlay	Education	Public Education & Gov't (PEG) P_100536	750,000	1,800,000	850,000	850,000	850,000	5,100,000
	Equipment	Parking Garages P_P00008	108,225	35,000	35,000	35,000	35,000	248,225
		Equipment-Police P_P00033	68,932	-	80,000	-	-	148,932
		EQUIPMENT REPAIR P_P00040	-	360,000	180,000	1,100,000	145,000	1,785,000
	Vehicles	Vehicles-Police P_P00035	12,188,504	10,465,504	10,465,504	10,465,504	10,465,504	54,050,520
		Annual Fire Apparatus Replacem P_P00036	7,852,604	6,355,129	7,702,282	7,057,136	8,522,005	37,489,156
		Vehicles-IT P_P00039	-	125,000	-	130,000	-	255,000
		Vehicles-Capital Proj Srvs P_P00073	262,000	262,000	262,000	262,000	262,000	1,310,000
		Cult & Tour Vehicle Replace P_100675	196,000	200,000	200,000	200,000	200,000	996,000
		General VEF P_P00097	5,440,000	3,000,000	3,000,000	3,000,000	3,000,000	17,440,000
Chapter Total			\$ 26,866,265	\$ 22,602,633	\$ 22,774,786	\$ 23,099,640	\$ 23,479,509	\$118,822,833

Funding Source	Funding Type	FY2020	FY2021	FY2022	FY2023	FY2024	Total
General Fund	Capital Interfund Transfer Out	-	125,000	-	130,000	-	255,000
	VERF Transfer-Out	5,440,000	3,000,000	3,000,000	3,000,000	3,000,000	17,440,000
Crime Control & Prev Distr	Capital Interfund Transfer Out	12,257,436	10,465,504	10,545,504	10,465,504	10,465,504	54,199,452
Culture & Tourism	Capital Interfund Transfer Out	196,000	200,000	200,000	200,000	200,000	996,000
Special Purpose	Cable T.V Proj	750,000	1,800,000	850,000	850,000	850,000	5,100,000
Municipal Parking	Capital Intrafund Transfer Out	108,225	35,000	35,000	35,000	35,000	248,225
Fleet & Equipment Serv	Capital Interfund Transfer Out	-	360,000	180,000	1,100,000	145,000	1,785,000
Capital Projects Service	Capital Intrafund Transfer Out	262,000	262,000	262,000	262,000	262,000	1,310,000
Future Grants	Intrgv Rev - FBI	-	-	-	-	-	-
7 Year Equipment Tax Notes	Proceeds From Tax Notes	7,852,604	6,355,129	7,702,282	7,057,136	8,522,005	37,489,156
Total Funding Source		\$ 26,866,265	\$ 22,602,633	\$ 22,774,786	\$ 23,099,640	\$ 23,479,509	\$118,822,833

Project Details

Plan	Chapter	Category	Department	Council District
General	Capital Outlay	Education	Communications & Public Engagement	Citywide

Project Name: Public Education & Gov't (PEG)

Description: The Cable Communications Fund receives funding from Public, Educational, and Governmental (PEG) fees from cable subscribers. Due to changes in state legislation, the PEG revenues can only be used for equipment replacement and other capital expenses.

Justification: Funding is from the Special Purpose Fund, City's Public, Education and Governmental (PEG) Fee. Sufficient funds have accumulated in the PEG Fee accounts to finance the City's Cable Facility enhancement project.

Projected Date Range: Programmable

Project Request	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Public Education & Gov't (PEG) P_100536	\$ 750,000	\$ 1,800,000	\$ 850,000	\$ 850,000	\$ 850,000	\$ 5,100,000

Funding Source	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Special Purpose	750,000	1,800,000	850,000	850,000	850,000	5,100,000
Total	\$ 750,000	\$ 1,800,000	\$ 850,000	\$ 850,000	\$ 850,000	\$ 5,100,000

Full Annual Operating Budget Impact

	Fund	Department	Amount	AP's
Revenue				
Personnel Costs				
Operating Costs				
Total				

Impact Comments: This capital project that does not incur operational costs.

Project Details

Plan	Chapter	Category	Department	Council District
General	Capital Outlay	Equipment	Transportation & Public Works	Citywide

Project Name: Parking Garages

Description: Programmable project with funding set aside to address Municipal Parking Garage related projects.

Justification: These projects address garage improvement initiatives, equipment outlay purchases like parking meters, security systems, parking stations and surface lot improvements

Projected Date Range: Programmable

Project Request	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Parking Garages P_P00008	\$ 108,225	\$ 35,000	\$ 35,000	\$ 35,000	\$ 35,000	\$ 248,225

Funding Source	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Municipal Parking	108,225	35,000	35,000	35,000	35,000	248,225
Total	\$ 108,225	\$ 35,000	\$ 35,000	\$ 35,000	\$ 35,000	\$ 248,225

Full Annual Operating Budget Impact

	Fund	Department	Amount	AP's
Revenue				
Personnel Costs				
Operating Costs				
Total				

Impact Comments: This is a programmable project and will not incur operational costs.

Project Details

Plan	Chapter	Category	Department	Council District
General	Capital Outlay	Equipment	Police	Citywide

Project Name: Equipment-Police

Description: This programmable project provides for the various equipment needs of the police department related to areas such as tactical operations, investigative and support functions, communications, and traffic/special events management.

Justification: This equipment gives the police department the tools needed to investigate and address crime and serve citizens in Fort Worth. Like all capital needs, equipment needs are submitted internally as requests and prioritized through the department’s annual needs assessment process.

Projected Date Range: Programmable

Project Request	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Equipment-Police P_P00033	\$ 68,932	\$ -	\$ 80,000	\$ -	\$ -	\$ 148,932

Funding Source	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Crime Control & Prev Distr	68,932	-	80,000	-	-	148,932
Total	\$ 68,932	\$ -	\$ 80,000	\$ -	\$ -	\$ 148,932

Full Annual Operating Budget Impact

	Fund	Department	Amount	AP's
Revenue				
Personnel Costs				
Operating Costs				
Total				

Impact Comments: This is a programmable project and will not incur operational costs.

Project Details

Plan	Chapter	Category	Department	Council District
General	Capital Outlay	Equipment	Property Management	Citywide

Project Name: Equipment Repair

Description: Programmable project with funding for purchase of equipment and vehicles for the Fleet Division of the Property Management Department.

Justification: These projects include purchases of equipment mainly to support vehicle maintenance operations and fuel operations. Projects include acquisition of vehicles and equipment for all the service centers such as lifts, cranes and alignment machines. Additional projects include fuel site upgrades.

Projected Date Range: Programmable

Project Request	FY2020	FY2021	FY2022	FY2023	FY2024	Total
EQUIPMENT REPAIR P_P00040	\$ -	\$ 360,000	\$ 180,000	\$ 1,100,000	\$ 145,000	\$ 1,785,000

Funding Source	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Fleet & Equipment Serv	-	360,000	180,000	1,100,000	145,000	1,785,000
Total	\$ -	\$ 360,000	\$ 180,000	\$ 1,100,000	\$ 145,000	\$ 1,785,000

Full Annual Operating Budget Impact

	Fund	Department	Amount	AP's
Revenue				
Personnel Costs				
Operating Costs				
Total				

Impact Comments: This is a programmable project and will not incur operational costs.

Project Details

Plan	Chapter	Category	Department	Council District
General	Capital Outlay	Vehicles	Police	Citywide

Project Name: Vehicles-Police

Description: A routine replacement of the Police automobile and motorcycle fleet, which keeps officers in safe and high-performance vehicles for completion of their duties. These purchases are made with funding from the CCPD fund pay-as-you-go money. This project would also include the addition of fleet with additional personnel or units, as the budget allows after replacements are made on schedule.

Justification: This is based on a standard schedule of vehicle aging and replacement needs. As vehicles acquire enough mileage, they are more expensive to maintain than the purchase of a new vehicle. This is an ongoing annual project.

Projected Date Range: Programmable

Project Request	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Vehicles-Police P_P00035	\$ 12,188,504	\$ 10,465,504	\$ 10,465,504	\$ 10,465,504	\$ 10,465,504	\$ 54,050,520

Funding Source	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Crime Control & Prev Distr	12,188,504	10,465,504	10,465,504	10,465,504	10,465,504	54,050,520
Total	\$ 12,188,504	\$ 10,465,504	\$ 10,465,504	\$ 10,465,504	\$ 10,465,504	\$ 54,050,520

Full Annual Operating Budget Impact

	Fund	Department	Amount	AP's
Revenue				
Personnel Costs				
Operating Costs				
Total				

Impact Comments: This is a programmable project and will not incur operational costs.

Project Details

Plan	Chapter	Category	Department	Council District
General	Capital Outlay	Vehicles	Fire	Citywide

Project Name: Annual Fire Apparatus Replacements

Description: Programmable project with funding set aside to address routine replacement of Fire Apparatus using Tax Notes.

Justification: Capital asset purchases support operations and maintenance of the Fire Department mainly for routine replacement of Fire apparatus and vehicles.

Projected Date Range: Programmable

Project Request	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Annual Fire Apparatus Replacem P_P00036	\$ 7,852,604	\$ 6,355,129	\$ 7,702,282	\$ 7,057,136	\$ 8,522,005	\$ 37,489,156

Funding Source	FY2020	FY2021	FY2022	FY2023	FY2024	Total
7 Year Equipment Tax Notes	7,852,604	6,355,129	7,702,282	7,057,136	8,522,005	37,489,156
Total	\$ 7,852,604	\$ 6,355,129	\$ 7,702,282	\$ 7,057,136	\$ 8,522,005	\$ 37,489,156

Full Annual Operating Budget Impact

	Fund	Department	Amount	AP's
Revenue				
Personnel Costs				
Operating Costs				
Total				

Impact Comments: This is a programmable project and will not incur operational costs.

Project Details

Plan	Chapter	Category	Department	Council District
General	Capital Outlay	Vehicles	Information & Technology Solutions	Citywide

Project Name: ITS Vehicles

Description: Programmable project with funding to provide vehicles for members of the IT Solutions Department.

Justification: CIP Funding for new or replacement vehicles for the IT Solutions Department. IT Solutions has teams such as Network, Radio and Field Engineering Services which require field responses to the other 22 City departments and multiple site locations to perform technology related services.

Projected Date Range: Programmable

Project Request	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Vehicles-IT P_P00039	\$ -	\$ 125,000	\$ -	\$ 130,000	\$ -	\$ 255,000

Funding Source	FY2020	FY2021	FY2022	FY2023	FY2024	Total
General Fund	-	125,000	-	130,000	-	255,000
Total	\$ -	\$ 125,000	\$ -	\$ 130,000	\$ -	\$ 255,000

Full Annual Operating Budget Impact

	Fund	Department	Amount	AP's
Revenue				
Personnel Costs				
Operating Costs				
Total				

Impact Comments: This is a programmable project and will incur operational costs in future years such as ESD Admin monthly charges, fuel and maintenance costs.

Project Details

Plan	Chapter	Category	Department	Council District
General	Capital Outlay	Vehicles	Transportation & Public Works	Citywide

Project Name: Vehicles-Capital Project Services

Description: Programmable project with funding set aside to address routine replacement of Vehicles and equipment for the Capital Projects Service Fund.

Justification: Without ongoing investment in vehicle replacements the fleet serving the Capital Projects Service Fund will quickly become outdated with escalating maintenance costs.

Projected Date Range: Programmable

Project Request	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Vehicles-Capital Proj Srvs P_P00073	\$ 262,000	\$ 262,000	\$ 262,000	\$ 262,000	\$ 262,000	\$ 1,310,000

Funding Source	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Capital Projects Service	262,000	262,000	262,000	262,000	262,000	1,310,000
Total	\$ 262,000	\$ 262,000	\$ 262,000	\$ 262,000	\$ 262,000	\$ 1,310,000

Full Annual Operating Budget Impact

	Fund	Department	Amount	AP's
Revenue				
Personnel Costs				
Operating Costs				
Total				

Impact Comments: This is a programmable project and will not incur operational costs.

Project Details

Plan	Chapter	Category	Department	Council District
General	Capital Outlay	Vehicles	Culture & Tourism	Citywide

Project Name: Culture & Tourism Vehicle Replacement

Description: Replace Vehicles and Equipment

Justification: Staff meets with the Equipment Services Department to determine what vehicles and equipment need to be replaced. This would include items like sweepers, golf carts, and trucks.

Projected Date Range: Programmable

Project Request	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Cult & Tour Vehicle Replace P_100675	\$ 196,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 996,000

Funding Source	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Culture & Tourism	196,000	200,000	200,000	200,000	200,000	996,000
Total	\$ 196,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 996,000

Full Annual Operating Budget Impact

	Fund	Department	Amount	AP's
Revenue				
Personnel Costs				
Operating Costs				
Total				

Impact Comments: This is capital project does not incur operational costs.

Project Details

Plan	Chapter	Category	Department	Council District
General	Capital Outlay	Vehicles	Property Management	Citywide

Project Name: General Vehicle and Equipment Replacement Fund (VERF)

Description: The VERF has been set up as a capital projects fund to be used in managing revenues and expenditures associated with acquisition of the City's rolling stock, which includes automobiles, motorcycles, specialized mobile equipment and other motor driven capital assets.

Justification: The VERF will aid in ongoing efforts to improve long-range capital planning by providing a mechanism for departments to set aside funding in preparation for upcoming vehicle-related capital expenditures. The VERF will also assist transparency and auditing efforts by providing a central account repository for the purchase of most vehicles and equipment acquired by the City.

Projected Date Range: Programmable

Project Request	FY2020	FY2021	FY2022	FY2023	FY2024	Total
General VERF P_P00097	\$ 5,440,000	\$ 3,000,000	\$ 3,000,000	\$ 3,000,000	\$ 3,000,000	\$ 17,440,000

Funding Source	FY2020	FY2021	FY2022	FY2023	FY2024	Total
General Fund	5,440,000	3,000,000	3,000,000	3,000,000	3,000,000	17,440,000
Total	\$ 5,440,000	\$ 3,000,000	\$ 3,000,000	\$ 3,000,000	\$ 3,000,000	\$ 17,440,000

Full Annual Operating Budget Impact

	Fund	Department	Amount	AP's
Revenue				
Personnel Costs				
Operating Costs				
Total				

Impact Comments: This is a programmable project and will not incur operational costs.

City Facilities Chapter

Chapter	Capital Category	Project	FY2020	FY2021	FY2022	FY2023	FY2024	Total
City Facilities	Community Park Imp	Mowing P_P00128	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	5,000,000
	Facility Improvements	Central Lib Office Buildout P_102313	100,000	-	-	-	-	100,000
		Building Security Upgrade P_102314	1,000,000	-	-	-	-	1,000,000
		Fire Station Maintenance P_P00130	200,000	-	-	-	-	200,000
	New Facilities	Kingsridge/Kingsridge West	654,720	-	-	-	-	654,720
		Vineyards at Heritage Park P_102318	476,533	-	-	-	-	476,533
		McPherson Reserve Park P_102319	729,452	-	-	-	-	729,452
		Tim Watson Reserve Park P_102336	500,000	-	-	-	-	500,000
	Public Safety	Warning Siren Maintenance P_P00131	230,000	-	-	-	-	230,000
	Redevelopment/Reno	Botanic Garden Renovation-Reh P_P00110	260,000	400,000	50,000	-	-	710,000
		Recurring Facility Mtn & Rpr P_P00049	2,185,000	2,272,000	2,362,000	2,456,000	2,554,000	11,829,000
		Roof Repair & Replace Citywide P_P00082	717,000	745,000	774,000	804,000	836,000	3,876,000
		Minor Repair & Renovate Cityw P_P00083	903,000	939,000	976,000	1,015,000	1,055,000	4,888,000
		Golf Improvements P_P00096	110,000	150,000	200,000	225,000	400,000	1,085,000
		Botanic Garden Conservatory	-	-	150,000	-	-	150,000
Chapter Total			\$ 9,065,705	\$ 5,506,000	\$ 5,512,000	\$ 5,500,000	\$ 5,845,000	\$ 31,428,705

Funding Source	Funding Type	FY2020	FY2021	FY2022	FY2023	FY2024	Total
General Fund	Capital Interfund Transfer Out	6,335,000	4,956,000	5,112,000	5,275,000	5,445,000	27,123,000
Botanic Gardens Specl Revenue	Capital Interfund Transfer Out	260,000	400,000	200,000	-	-	860,000
Muni Golf Gas Lease Cap Proj	UNSGAS Project	110,000	150,000	200,000	225,000	400,000	1,085,000
PARD Dedication Fees	Neighborhood Unit 2-27	229,452	-	-	-	-	229,452
	NU 6-22 Coventry Hills & Tarrant Park Vista Study	66,533	-	-	-	-	66,533
	NU 6-23 Bear Creek Vista	54,720	-	-	-	-	54,720
2018 Bond Program	Proceeds From Sale Of Bonds	2,010,000	-	-	-	-	2,010,000
Total Funding Source		\$ 9,065,705	\$ 5,506,000	\$ 5,512,000	\$ 5,500,000	\$ 5,845,000	\$ 31,428,705

Project Details

Plan	Chapter	Category	Department	Council District
General	City Facilities	Community Park Imp	Park & Recreation	Citywide

Project Name: Mowing

Description: Supplemental grounds maintenance funds.

Justification: The Park & Recreation Department is responsible for the grounds maintenance of the city parks, medians, right-of-ways, commercial corridors, tax-foreclosed properties and other departments' city-owned properties. Mowing funds are budgeted annually based on a set number of cycles per mowing season. In years of higher than normal rainfall additional maintenance is required above the budgeted number of cycles, to respond to and mitigate customer complaints. Programmable project funding is provided to cover the additional expenses related this additional maintenance.

Projected Date Range: Programmable

Project Request	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Mowing P_P00128	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 5,000,000

Funding Source	FY2020	FY2021	FY2022	FY2023	FY2024	Total
General Fund	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	5,000,000
Total	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 5,000,000

Full Annual Operating Budget Impact

	Fund	Department	Amount	AP's
Revenue				
Personnel Costs				
Operating Costs				
Total				

Impact Comments: This capital programmable project will not incur operational costs.

Project Details

Plan	Chapter	Category	Department	Council District
General	City Facilities	Facility Improvements	Property Management	Citywide

Project Name: Fire Station Maintenance

Description: Programmable project to address minor repairs and maintenance at City fire stations.

Justification: These funds will be used to address maintenance needs at fire facilities throughout the City.

Projected Date Range: Programmable

Project Request	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Fire Station Maintenance P_P00130	\$ 200,000	\$ -	\$ -	\$ -	\$ -	\$ 200,000

Funding Source	FY2020	FY2021	FY2022	FY2023	FY2024	Total
General Fund	200,000	-	-	-	-	200,000
Total	\$ 200,000	\$ -	\$ -	\$ -	\$ -	\$ 200,000

Full Annual Operating Budget Impact

	Fund	Department	Amount	AP's
Revenue				
Personnel Costs				
Operating Costs				
Total				

Impact Comments: This capital programmable project will not incur operational costs.

Project Details

Plan	Chapter	Category	Department	Council District
General	City Facilities	Facility Improvements	Property Management	Council District 9

Project Name: Central Library Office Buildout

Description: This project will add functional employee work space at the Central Library.

Justification: The project will add needed work space for downtown City employees and help to mitigate work space issues at City Hall.

Projected Date Range: FY2020

Project Request	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Central Lib Office Buildout P_102313	\$ 100,000	\$ -	\$ -	\$ -	\$ -	\$ 100,000

Funding Source	FY2020	FY2021	FY2022	FY2023	FY2024	Total
General Fund	100,000	-	-	-	-	100,000
Total	\$ 100,000	\$ -	\$ -	\$ -	\$ -	\$ 100,000

Full Annual Operating Budget Impact

	Fund	Department	Amount	AP's
Revenue				
Personnel Costs				
Operating Costs				
Total				

Impact Comments: This project will not incur operational costs.

Project Details

Plan	Chapter	Category	Department	Council District
General	City Facilities	Facility Improvements	Information & Technology Solutions	Citywide

Project Name: Building Security Upgrade

Description: This project will upgrade and replace access points, security cameras and data storage for building security and surveillance.

Justification: The project will replace an outdated security system and replace it with a new system that will be able to be supported by a wider variety of vendors.

Projected Date Range: FY2020

Project Request	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Building Security Upgrade P_102314	\$ 1,000,000	\$ -	\$ -	\$ -	\$ -	\$ 1,000,000

Funding Source	FY2020	FY2021	FY2022	FY2023	FY2024	Total
General Fund	1,000,000	-	-	-	-	1,000,000
Total	\$ 1,000,000	\$ -	\$ -	\$ -	\$ -	\$ 1,000,000

Full Annual Operating Budget Impact

	Fund	Department	Amount	AP's
Revenue				
Personnel Costs				
Operating Costs				
Total				

Impact Comments: This project will not incur operational costs.

Project Details

Plan	Chapter	Category	Department	Council District
General	City Facilities	New Facilities	Park & Recreation	Council District 4

Project Name: Vineyards at Heritage Park

Description: Master planning and design and construction of park amenities including, but not limited to, playground, picnic shelter, walking trail, security lighting and practice fields.

Justification: Reserve Parks are neighborhood and community parks that are currently in an undeveloped, or “reserve” status. It is a goal of the PARD’s Park, Recreation and Open Space Master Plan to develop reserve parks as the city’s population grows, thereby providing adequate public open space where it is needed. Vineyards at Heritage Park is a 44.15 acre reserve park, in CD 4, and will serve an underserved sector of the City. This project is included in the 2018 Bond Program.

Projected Date Range: FY 2020

Project Request	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Vineyards at Heritage Park P_102318	\$ 476,533	\$ -	\$ -	\$ -	\$ -	\$ 476,533

Funding Source	FY2020	FY2021	FY2022	FY2023	FY2024	Total
PARD Dedication Fees	66,533	-	-	-	-	66,533
2018 Bond Program	410,000	-	-	-	-	410,000
Total	\$ 476,533	\$ -	\$ -	\$ -	\$ -	\$ 476,533

Full Annual Operating Budget Impact

	Fund	Department	Amount	AP's
Revenue				
Personnel Costs				
Operating Costs				
Total				

Impact Comments: Operating costs are estimated based on proposed additional improvements pending implementation of master plan and public input. Maintenance costs are based on 1% of construction costs. District costs are based on average per acre for park operations. Forestry costs are based on average park renovations. All operating costs shown are 2018 calculations.

Project Details

Plan	Chapter	Category	Department	Council District
General	City Facilities	New Facilities	Park & Recreation	Council District 8

Project Name: McPherson Reserve Park Development

Description: Master planning and design and construction of park amenities, including, but not limited to, playground, picnic shelter, walking trail, security lighting and practice field.

Justification: Reserve Parks are neighborhood and community parks that are currently in an undeveloped, or “reserve” status. It is a goal of the PARD’s Park, Recreation and Open Space Master Plan to develop reserve parks as the city’s population grows, thereby providing adequate public open space where it is needed. McPherson Park is a 12.44 acre reserve park, in CD 8, and will serve an underserved sector of the City. This project is included in the 2018 Bond Program.

Projected Date Range: FY 2020

Project Request	FY2020	FY2021	FY2022	FY2023	FY2024	Total
McPherson Reserve Park P_102319	\$ 729,452	\$ -	\$ -	\$ -	\$ -	\$ 729,452

Funding Source	FY2020	FY2021	FY2022	FY2023	FY2024	Total
PARD Dedication Fees	229,452	-	-	-	-	229,452
2018 Bond Program	500,000	-	-	-	-	500,000
Total	\$ 729,452	\$ -	\$ -	\$ -	\$ -	\$ 729,452

Full Annual Operating Budget Impact

	Fund	Department	Amount	AP's
Revenue				
Personnel Costs				
Operating Costs				
Total				

Impact Comments: Operating costs are estimated based on proposed additional improvements pending implementation of master plan and public input. Maintenance costs are based on 1% of construction costs. District costs are based on average per acre for park operations. Forestry costs are based on average park renovations. All operating costs shown are 2018 calculations.

Project Details

Plan	Chapter	Category	Department	Council District
General	City Facilities	New Facilities	Park & Recreation	Council District 3

Project Name: Tim Watson Reserve Park Development

Description: Master planning and design and construction of park amenities, including, but not limited to, playground, picnic shelter, walking trail, security lighting and practice field.

Justification: Reserve Parks are neighborhood and community parks that are currently in an undeveloped, or “reserve” status. It is a goal of the PARD’s Park, Recreation and Open Space Master Plan to develop reserve parks as the city’s population grows, thereby providing adequate public open space where it is needed. Tim Watson Park is a 7.9 acre reserve park, in CD 3, and will serve an underserved sector of the City. This project is included in the 2018 Bond Program.

Projected Date Range: FY 2020

Project Request	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Tim Watson Reserve Park P_102336	\$ 500,000	\$ -	\$ -	\$ -	\$ -	\$ 500,000

Funding Source	FY2020	FY2021	FY2022	FY2023	FY2024	Total
2018 Bond Program	500,000	-	-	-	-	500,000
Total	\$ 500,000	\$ -	\$ -	\$ -	\$ -	\$ 500,000

Full Annual Operating Budget Impact

	Fund	Department	Amount	AP's
Revenue				
Personnel Costs				
Operating Costs				
Total				

Impact Comments: Operating costs are estimated based on proposed additional improvements pending implementation of master plan and public input. Maintenance costs are based on 1% of construction costs. District costs are based on average per acre for park operations. Forestry costs are based on average park renovations. All operating costs shown are 2018 calculations.

Project Details

Plan	Chapter	Category	Department	Council District
General	City Facilities	New Facilities	Park & Recreation	Council District 7

Project Name: Kingsridge/Kingsridge West

Description: Master planning, design, and construction of park amenities, including, but not limited to, playground, picnic shelter, walking trail, security lighting and practice fields.

Justification: Reserve Parks are neighborhood and community parks that are currently in an undeveloped, or “reserve” status. It is a goal of the PARD’s Park, Recreation and Open Space Master Plan to develop reserve parks as the city’s population grows, thereby providing adequate public open space where it is needed. Kingsridge Park is a 19.98 acre reserve park, in CD 7, and will serve an underserved sector of the City. This project is approved in the 2018 Bond Program.

Projected Date Range: FY 2020

Project Request	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Kingsridge/Kingsridge West	\$ 654,720	\$ -	\$ -	\$ -	\$ -	\$ 654,720

Funding Source	FY2020	FY2021	FY2022	FY2023	FY2024	Total
PARD Dedication Fees	54,720	-	-	-	-	54,720
2018 Bond Program	600,000	-	-	-	-	600,000
Total	\$ 654,720	\$ -	\$ -	\$ -	\$ -	\$ 654,720

Full Annual Operating Budget Impact

	Fund	Department	Amount	AP's
Revenue				
Personnel Costs				
Operating Costs				
Total				

Impact Comments: Operating costs are estimated based on proposed additional improvements pending implementation of master plan and public input. Maintenance costs are based on 1% of construction costs. District costs are based on average per acre for park operations. Forestry costs are based on average park development. All operating costs shown are 2018 calculations.

Project Details

Plan	Chapter	Category	Department	Council District
General	City Facilities	Public Safety	Fire	Citywide

Project Name: Warning Siren Maintenance

Description: This project helps to address multiple maintenance needs for existing warning sirens across the City.

Justification: The City's current outdoor warning sirens were installed in 2005. Some siren parts are reaching the end of their life expectancy. This project adds funding to address an Outdoor Warning System Life Cycle replacement project to maintain the integrity of the warning system.

Projected Date Range: FY2020 – FY2022

Project Request	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Warning Siren Maintenance	\$ 230,000	\$ -	\$ -	\$ -	\$ -	\$ 230,000

Funding Source	FY2020	FY2021	FY2022	FY2023	FY2024	Total
General Fund	230,000	-	-	-	-	230,000
Total	\$ 230,000	\$ -	\$ -	\$ -	\$ -	\$ 230,000

Full Annual Operating Budget Impact

	Fund	Department	Amount	AP's
Revenue				
Personnel Costs				
Operating Costs				
Total				

Impact Comments: This project will not incur operational costs.

Project Details

Plan	Chapter	Category	Department	Council District
General	City Facilities	Redevelopment/Reno	Park & Recreation	Citywide

Project Name: Botanic Garden Renovation and Rehabilitation

Description: Projects related to the replacement and renovation of existing Botanic Garden amenities that have exceeded their useful life, or adding new amenities to sites throughout the Botanic Garden to meet current levels of service standards and accommodate anticipated future growth.

Justification: These projects are required to maintain efficiency of the current amenities throughout the Botanic Garden that are critical for the safety of the visitors and employees and continue to maintain level of service standards and revenue generation.

Projected Date Range: Programmable

Project Request	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Botanic Garden Renovation-Reh P_P00110	\$ 260,000	\$ 400,000	\$ 50,000	\$ -	\$ -	\$ 710,000

Funding Source	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Botanic Gardens Specl Revenue	260,000	400,000	50,000	-	-	710,000
Total	\$ 260,000	\$ 400,000	\$ 50,000	\$ -	\$ -	\$ 710,000

Full Annual Operating Budget Impact

	Fund	Department	Amount	AP's
Revenue				
Personnel Costs				
Operating Costs				
Total				

Impact Comments: This is a capital programmable project that does not incur operational costs.

Project Details

Plan	Chapter	Category	Department	Council District
General	City Facilities	Redevelopment/Reno	Property Management	Citywide

Project Name: Recurring Facility Maintenance & Repair

Description: Programmable project with funding set aside to make major building repairs, maintain or improve major building systems and components, and to replace building equipment at City facilities.

Justification: These projects are to make major building repairs, maintain or improve major building systems and components, and to replace building equipment that has reached the end of its life expectancy. Major repairs and maintenance include foundation and structural repairs, window replacement, plumbing and electrical improvements and repairs and parking lot resurfacing. Equipment replaced at various facilities include heating, ventilating and air conditioning, emergency generators and fire alarm Panels.

Projected Date Range: Programmable

Project Request	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Recurring Facility Mtn & Rpr P_P00049	\$ 2,185,000	\$ 2,272,000	\$ 2,362,000	\$ 2,456,000	\$ 2,554,000	\$ 11,829,000

Funding Source	FY2020	FY2021	FY2022	FY2023	FY2024	Total
General Fund	2,185,000	2,272,000	2,362,000	2,456,000	2,554,000	11,829,000
Total	\$ 2,185,000	\$ 2,272,000	\$ 2,362,000	\$ 2,456,000	\$ 2,554,000	\$ 11,829,000

Full Annual Operating Budget Impact

	Fund	Department	Amount	AP's
Revenue				
Personnel Costs				
Operating Costs				
Total				

Impact Comments: This is a capital programmable project that does not incur operational costs.

Project Details

Plan	Chapter	Category	Department	Council District
General	City Facilities	Redevelopment/Reno	Property Management	Citywide

Project Name: Roof Repair & Replace - Citywide

Description: Programmable project with funding set aside for roof coating, roof repairs and replacements at City facilities.

Justification: These projects are to replace roofs which are at the end of their life expectancy, to make roof repairs and apply roof coatings which results in energy savings and extends the useful life of roofs.

Projected Date Range: Programmable

Project Request	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Roof Repair & Replace Citywide P_P00082	\$ 717,000	\$ 745,000	\$ 774,000	\$ 804,000	\$ 836,000	\$ 3,876,000

Funding Source	FY2020	FY2021	FY2022	FY2023	FY2024	Total
General Fund	717,000	745,000	774,000	804,000	836,000	3,876,000
Total	\$ 717,000	\$ 745,000	\$ 774,000	\$ 804,000	\$ 836,000	\$ 3,876,000

Full Annual Operating Budget Impact

	Fund	Department	Amount	AP's
Revenue				
Personnel Costs				
Operating Costs				
Total				

Impact Comments: This is a capital programmable project that does not incur operational costs.

Project Details

Plan	Chapter	Category	Department	Council District
General	City Facilities	Redevelopment/Reno	Property Management	Citywide

Project Name: Minor Repair & Renovate - Citywide

Description: Programmable project with funding set aside for minor repairs and renovation of City facilities.

Justification: These projects are to make minor repair and renovation of City facilities and include projects such as elevator upgrades and repairs, energy efficient replacements and Municipal Complex landscaping.

Projected Date Range: Programmable

Project Request	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Minor Repair & Renovate Cityw P_P00083	\$ 903,000	\$ 939,000	\$ 976,000	\$ 1,015,000	\$ 1,055,000	\$ 4,888,000

Funding Source	FY2020	FY2021	FY2022	FY2023	FY2024	Total
General Fund	903,000	939,000	976,000	1,015,000	1,055,000	4,888,000
Total	\$ 903,000	\$ 939,000	\$ 976,000	\$ 1,015,000	\$ 1,055,000	\$ 4,888,000

Full Annual Operating Budget Impact

	Fund	Department	Amount	AP's
Revenue				
Personnel Costs				
Operating Costs				
Total				

Impact Comments: This is a capital programmable project that does not incur operational costs.

Project Details

Plan	Chapter	Category	Department	Council District
General	City Facilities	Redevelopment/Reno	Park & Recreation	Citywide

Project Name: Golf Improvements

Description: Golf projects, including but not limited to, player development programs and infrastructure maintenance.

Justification: These projects are to address scheduled and resolve unforeseen issues that are discovered throughout the year. The Golf Fund does not have any other capital funding sources.

Projected Date Range: Programmable

Project Request	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Golf Improvements P_P00096	\$ 110,000	\$ 150,000	\$ 200,000	\$ 225,000	\$ 400,000	\$ 1,085,000

Funding Source	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Muni Golf Gas Lease Cap Proj	110,000	150,000	200,000	225,000	400,000	1,085,000
Total	\$ 110,000	\$ 150,000	\$ 200,000	\$ 225,000	\$ 400,000	\$ 1,085,000

Full Annual Operating Budget Impact

	Fund	Department	Amount	AP's
Revenue				
Personnel Costs				
Operating Costs				
Total				

Impact Comments: This is a capital programmable project that does not incur operational costs.

Project Details

Plan	Chapter	Category	Department	Council District
General	City Facilities	Redevelopment/Reno	Park & Recreation	Citywide

Project Name: Botanic Garden Conservatory

Description: Repurpose the Botanic Garden conservatory architectural assessment and replace conservatory building envelope by removing the entire envelope (glass, metal retainers, and secondary framework that adds strength to the envelope and attaches it to the main structural members) of the building back to the main structural members and replacing it.

Justification: The conservatory is a signature element of the Botanic Garden and the tropical collections it houses are unmatched anywhere in the Fort Worth Metro area. It is a major educational resource for the City and also the site of Butterflies in the Garden and other planned revenue producing events at the Garden. A short term fix is planned for this summer, but will likely only last for 4-5 years. The building will eventually have to be closed and probably demolished without these corrective improvements which will result in the loss of revenue. Any safety issues resulting from the poor maintenance of the building envelope will also be addressed by this project.

Projected Date Range: FY 2022

Project Request	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Botanic Garden Conservatory	\$ -	\$ -	\$ 150,000	\$ -	\$ -	\$ 150,000

Funding Source	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Botanic Gardens Specl Revenue	-	-	150,000	-	-	150,000
Total	\$ -	\$ -	\$ 150,000	\$ -	\$ -	\$ 150,000

Full Annual Operating Budget Impact

	Fund	Department	Amount	AP's
Revenue				
Personnel Costs				
Operating Costs				
Total				

Impact Comments: It is anticipated that current operating budget will be sufficient to mitigate annual operating impact resulting from this project.

General Capital Improvement Plan

Community Improvements Chapter

Chapter	Capital Category	Project	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Community Improvements	Athletic Field Imp	Harmon Athletic Field	-	600,000	-	-	-	600,000
		Rolling Hills Athletic Field	-	1,800,000	-	-	-	1,800,000
	Community Partnerships	Leveraging & Partnership Oppor P_P00118	198,699	-	157,000	-	150,000	505,699
		Future Community Partnerships P_P00047	750,000	750,000	750,000	750,000	750,000	3,750,000
	Drives & Parking Lots	PARD Roads and Parking P_P00098	1,090,000	-	725,233	-	500,000	2,315,233
	Facility Improvements	Edgewood Park P_102325	300,000	-	-	-	-	300,000
		Wesleyan Hills Park P_102326	300,000	-	-	-	-	300,000
		PARD Rec Fitness Equipment P_P00109	79,000	82,000	85,000	88,000	92,000	426,000
		Nature Center Improvements P_P00122	12,000	12,000	12,000	12,000	12,000	60,000
		Las Vegas Trail Cap Maint P_P00123	130,000	130,000	130,000	130,000	130,000	650,000
		Mayfest Lease Agreement P_P00106	41,000	26,250	26,250	26,250	26,250	146,000
		Park Improvements P_P00059	3,180,301	2,976,000	2,370,767	3,435,000	2,722,400	14,684,468
		Arnold Park (Tennis Court & Shelter)	-	-	-	75,000	-	75,000
	Neighborhood Street Imp	NSD Alleyway Maintenance P_P00105	200,000	208,000	216,000	224,000	232,000	1,080,000
	New Facilities	Deer Meadow Park P_102324	632,479	-	-	-	-	632,479
		Marine Creek Lake Park P_102335	500,000	-	-	-	-	500,000
		Parkwood East Park	-	358,238	-	-	-	358,238
		Trail Lake Estates Park	-	450,000	-	-	-	450,000
	Playground Imprv	Universal Playground	-	750,000	-	-	-	750,000
	Redevelopment/Reno	Neighborhood Improv. Strat. P_P00080	3,100,000	3,100,000	3,100,000	3,100,000	3,100,000	15,500,000
Chapter Total			\$ 10,513,479	\$ 11,242,488	\$ 7,572,250	\$ 7,840,250	\$ 7,714,650	\$ 44,883,117

General Capital Improvement Plan

Funding Source	Funding Type	FY2020	FY2021	FY2022	FY2023	FY2024	Total
General Fund	Capital Interfund Transfer Out	7,238,000	7,246,000	7,534,000	7,727,000	7,676,400	37,421,400
PARD Gas Lease Capital Project	UNSGAS Project	540,000	-	-	-	-	540,000
General Capital Projects	Lease Revenue	41,000	26,250	26,250	26,250	26,250	146,000
Special Donations Cap Projects	Contributions From Others	12,000	12,000	12,000	12,000	12,000	60,000
PARD Dedication Fees	Unspec Project	1,550,000	-	-	75,000	-	1,625,000
	Neighborhood Unit 1-17	-	58,238	-	-	-	58,238
	Neighborhood Unit 2-28	132,479	-	-	-	-	132,479
	UN8043 Neighborhood Unit 5-09	-	-	-	-	-	-
2018 Bond Program	Proceeds From Sale Of Bonds	1,000,000	3,900,000	-	-	-	4,900,000
Total Funding Source		\$ 10,513,479	\$ 11,242,488	\$ 7,572,250	\$ 7,840,250	\$ 7,714,650	\$ 44,883,117

Plan	Chapter	Category	Department	Council District
General	Community Improvements	Athletic Field Imp	Park & Recreation	Council District 8

Project Name: Harmon Athletic Field

Description: Design and construction of new athletic field lighting for two fields with supporting infrastructure at Harmon Park.

Justification: Add lighting to unlit fields in order to expand the hours of fields use, which will provide for growing demand as approved in the 2018 Bond Program.

Projected Date Range: FY 2021 – FY 2023

Project Request	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Harmon Athletic Field	\$ -	\$ 600,000	\$ -	\$ -	\$ -	\$ 600,000

Funding Source	FY2020	FY2021	FY2022	FY2023	FY2024	Total
2018 Bond Program	-	600,000	-	-	-	600,000
Total	\$ -	\$ 600,000	\$ -	\$ -	\$ -	\$ 600,000

Full Annual Operating Budget Impact

	Fund	Department	Amount	AP's
Revenue				
Personnel Costs				
Operating Costs				
Total				

Impact Comments: Costs were based upon the increase of light/pole inventory and electric. Maintenance costs are based on 1% of construction costs. Athletic costs are based on average utilities costs per competition field. Annual operating expenses are 2018 estimates and subject to change.

Project Details

Plan	Chapter	Category	Department	Council District
General	Community Improvements	Athletic Field Imp	Park & Recreation	Council District 8

Project Name: Rolling Hills Athletic Field

Description: Design and construction of new athletic field lighting with supporting infrastructure at Rolling Hills Park.

Justification: Add lighting to unlit fields in order to expand the hours of field(s) use, which will provide for growing demand as approved in the 2018 Bond Program.

Projected Date Range: FY 2021

Project Request	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Rolling Hills Athletic Field	\$ -	\$ 1,800,000	\$ -	\$ -	\$ -	\$ 1,800,000

Funding Source	FY2020	FY2021	FY2022	FY2023	FY2024	Total
2018 Bond Program	-	1,800,000	-	-	-	1,800,000
Total	\$ -	\$ 1,800,000	\$ -	\$ -	\$ -	\$ 1,800,000

Full Annual Operating Budget Impact

	Fund	Department	Amount	AP's
Revenue				
Personnel Costs				
Operating Costs				
Total				

Impact Comments: Costs were based upon the increase of light/pole inventory and electric. Maintenance costs are based on 1% of construction costs. Athletic costs are based on average utilities costs per competition field. Annual operating expenses are 2018 estimates and subject to change.

Project Details

Plan	Chapter	Category	Department	Council District
General	Community Improvements	Community Partnerships	Economic Development	Citywide

Project Name: Future Community Partnerships

Description: Provide funding for joint capital projects with community partners.

Justification: This project provides a holding place for monies the city has committed to be available to use in conjunction with community partners for capital improvements. The improvements are for the betterment of the City and its citizens.

Projected Date Range: Programmable

Project Request	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Future Community Partnerships P_P00047	\$ 750,000	\$ 750,000	\$ 750,000	\$ 750,000	\$ 750,000	\$ 3,750,000

Funding Source	FY2020	FY2021	FY2022	FY2023	FY2024	Total
General Fund	750,000	750,000	750,000	750,000	750,000	3,750,000
Total	\$ 750,000	\$ 750,000	\$ 750,000	\$ 750,000	\$ 750,000	\$ 3,750,000

Full Annual Operating Budget Impact

	Fund	Department	Amount	AP's
Revenue				
Personnel Costs				
Operating Costs				
Total				

Impact Comments: This is a capital programmable project that does not incur operational costs.

Project Details

Plan	Chapter	Category	Department	Council District
General	Community Improvements	Community Partnerships	Park & Recreation	Citywide

Project Name: Leveraging & Partnership Opportunities

Description: PARD funding used to leverage against and/or provide for partnership opportunities that will in turn provide park infrastructure and/or funding for projects that will increase the use of city parks.

Justification: By providing funding for, and to leverage against, partnership proposals, the PARD can increase the funding generated for the development of park projects.

Projected Date Range: Programmable

Project Request	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Leveraging & Partnership Oppor P_P00118	\$ 198,699	\$ -	\$ 157,000	\$ -	\$ 150,000	\$ 505,699

Funding Source	FY2020	FY2021	FY2022	FY2023	FY2024	Total
General Fund	198,699	-	157,000	-	150,000	505,699
Total	\$ 198,699	\$ -	\$ 157,000	\$ -	\$ 150,000	\$ 505,699

Full Annual Operating Budget Impact

	Fund	Department	Amount	AP's
Revenue				
Personnel Costs				
Operating Costs				
Total				

Impact Comments: This is a programmable project and will not incur operational costs.

Project Details

Plan	Chapter	Category	Department	Council District
General	Community Improvements	Drives & Parking Lots	Park & Recreation	Citywide

Project Name: PARD Roads and Parking

Description: Park improvement projects that include the renovation and/or expansion of roads and parking lots located on dedicated parkland throughout the City.

Justification: These projects are to resolve paving issues at existing parks.

Projected Date Range: Programmable

Project Request	FY2020	FY2021	FY2022	FY2023	FY2024	Total
PARD Roads and Parking P_P00098	\$ 1,090,000	\$ -	\$ 725,233	\$ -	\$ 500,000	\$ 2,315,233

Funding Source	FY2020	FY2021	FY2022	FY2023	FY2024	Total
General Fund	750,000	-	725,233	-	500,000	1,975,233
PARD Gas Lease Capital Project	340,000	-	-	-	-	340,000
Total	\$ 1,090,000	\$ -	\$ 725,233	\$ -	\$ 500,000	\$ 2,315,233

Full Annual Operating Budget Impact

	Fund	Department	Amount	AP's
Revenue				
Personnel Costs				
Operating Costs				
Total				

Impact Comments: This is a capital programmable project that does not incur operational costs.

Project Details

Plan	Chapter	Category	Department	Council District
General	Community Improvements	Facility Improvements	Park & Recreation	Citywide

Project Name: PARD Rec Fitness Equipment

Description: Projects related to improvements of existing Community Center facilities and equipment that have exceeded their useful life, or adding new amenities to the Community Centers to meet current levels of service standards and accommodate anticipated future growth.

Justification: These are projects required to maintain efficiency of the current amenities throughout the Community Centers that are critical for the safety of the visitors and employees and to continue to maintain level of service standards, customer service, and revenue generation.

Projected Date Range: Programmable

Project Request	FY2020	FY2021	FY2022	FY2023	FY2024	Total
PARD Rec Fitness Equipment P_P00109	\$ 79,000	\$ 82,000	\$ 85,000	\$ 88,000	\$ 92,000	\$ 426,000

Funding Source	FY2020	FY2021	FY2022	FY2023	FY2024	Total
General Fund	79,000	82,000	85,000	88,000	92,000	426,000
Total	\$ 79,000	\$ 82,000	\$ 85,000	\$ 88,000	\$ 92,000	\$ 426,000

Full Annual Operating Budget Impact

	Fund	Department	Amount	AP's
Revenue				
Personnel Costs				
Operating Costs				
Total				

Impact Comments: This is a capital programmable project that does not incur operational costs.

Project Details

Plan	Chapter	Category	Department	Council District
General	Community Improvements	Facility Improvements	Park & Recreation	Citywide

Project Name: Mayfest Lease Agreement

Description: Funding earmarked to support PARD programs, services, equipment purchases and facility improvements.

Justification: On April 8, 2009, the City Council approved M&C C-23491 authorizing the City Manager to execute a license agreement with Mayfest, Inc. (City Secretary Contract No. 38500). The event is sponsored by the Junior League of Fort Worth, Streams and Valley, Inc., the Tarrant Regional Water District, as well as the City of Fort Worth Park & Recreation Department.

Projected Date Range: Programmable

Project Request	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Mayfest Lease Agreement P_P00106	\$ 41,000	\$ 26,250	\$ 26,250	\$ 26,250	\$ 26,250	\$ 146,000

Funding Source	FY2020	FY2021	FY2022	FY2023	FY2024	Total
General Capital Projects	41,000	26,250	26,250	26,250	26,250	146,000
Total	\$ 41,000	\$ 26,250	\$ 26,250	\$ 26,250	\$ 26,250	\$ 146,000

Full Annual Operating Budget Impact

	Fund	Department	Amount	AP's
Revenue				
Personnel Costs				
Operating Costs				
Total				

Impact Comments: This is a capital programmable project that does not incur operational costs.

Project Details

Plan	Chapter	Category	Department	Council District
General	Community Improvements	Facility Improvements	Park & Recreation	Citywide

Project Name: Park Improvements

Description: Park improvement projects that include the development and/or replacement of park facilities, amenities, infrastructure, and/or equipment, to meet or exceed current levels of park service standards.

Justification: The PARD regularly improves and/or maintains park facilities, amenities, infrastructure, and/or equipment to provide a safe usable environment for CFW citizens.

Projected Date Range: Programmable

Project Request	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Park Improvements P_P00059	\$ 3,180,301	\$ 2,976,000	\$ 2,370,767	\$ 3,435,000	\$ 2,722,400	\$ 14,684,468

Funding Source	FY2020	FY2021	FY2022	FY2023	FY2024	Total
General Fund	2,030,301	2,976,000	2,370,767	3,435,000	2,722,400	13,534,468
PARD Gas Lease Capital Project	200,000	-	-	-	-	200,000
PARD Dedication Fees	950,000	-	-	-	-	950,000
Total	\$ 3,180,301	\$ 2,976,000	\$ 2,370,767	\$ 3,435,000	\$ 2,722,400	\$ 14,684,468

Full Annual Operating Budget Impact

	Fund	Department	Amount	AP's
Revenue				
Personnel Costs				
Operating Costs				
Total				

Impact Comments: This is a capital programmable project that does not incur operational costs.

Project Details

Plan	Chapter	Category	Department	Council District
General	Community Improvements	Facility Improvements	Park & Recreation	Council District 9

Project Name: Arnold Park (Tennis Court & Shelter)

Description: Implementation of park improvements to include: accessibility (ADA) modifications; replacement of non-accessible bleacher sections; renovation of outdoor court; and other park improvements.

Justification: Arnold Park is a 3.02 acre neighborhood park that has existing amenities that have exceeded their useful life. PARD goals require the replacement and addition of new amenities to park sites throughout the City to meet current levels of service standards and accommodate anticipated future growth.

Projected Date Range: FY 2023

Project Request	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Arnold Park (Tennis Court & Shelter)	\$ -	\$ -	\$ -	\$ 75,000	\$ -	\$ 75,000

Funding Source	FY2020	FY2021	FY2022	FY2023	FY2024	Total
PARD Dedication Fees	-	-	-	75,000	-	75,000
Total	\$ -	\$ -	\$ -	\$ 75,000	\$ -	\$ 75,000

Full Annual Operating Budget Impact

	Fund	Department	Amount	AP's
Revenue				
Personnel Costs				
Operating Costs				
Total				

Impact Comments: Maintenance costs are based on 1% of construction costs. All operating costs shown are 2018 calculations.

Project Details

Plan	Chapter	Category	Department	Council District
General	Community Improvements	Facility Improvements	Park & Recreation	Council District 5

Project Name: Edgewood Park

Description: Implementation of the park master plan, including, but not limited to, the construction of park trail and fitness area, picnic facilities, playground, recreational courts, security lighting, and supporting infrastructure and equipment.

Justification: Edgewood Park is a 1.89 acre neighborhood park with existing amenities that have exceeded their useful life. PARD goals require the replacement and addition of new amenities to park sites throughout the City to meet current levels of service standards and accommodate anticipated future growth.

Projected Date Range: FY 2020

Project Request	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Edgewood Park P_102325	\$ 300,000	\$ -	\$ -	\$ -	\$ -	\$ 300,000

Funding Source	FY2020	FY2021	FY2022	FY2023	FY2024	Total
PARD Dedication Fees	300,000	-	-	-	-	300,000
Total	\$ 300,000	\$ -	\$ -	\$ -	\$ -	\$ 300,000

Full Annual Operating Budget Impact

	Fund	Department	Amount	AP's
Revenue				
Personnel Costs				
Operating Costs				
Total				

Impact Comments: Maintenance costs are based on 1% of construction costs. All operating costs shown are 2018 calculations.

Project Details

Plan	Chapter	Category	Department	Council District
General	Community Improvements	Facility Improvements	Park & Recreation	Council District 8

Project Name: Wesleyan Hills Park

Description: Implementation of the park master plan, including, but not limited to, the construction of park trail and fitness area, picnic facilities, playground, recreational courts, security lighting, and supporting infrastructure and equipment.

Justification: Wesleyan Hills Park is a .55 acre park with existing amenities that have exceeded their useful life. PARD goals require the replacement and addition of new amenities to park sites throughout the City to meet current levels of service standards and accommodate anticipated future growth.

Projected Date Range: FY 2020

Project Request	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Wesleyan Hills Park P_102326	\$ 300,000	\$ -	\$ -	\$ -	\$ -	\$ 300,000

Funding Source	FY2020	FY2021	FY2022	FY2023	FY2024	Total
PARD Dedication Fees	300,000	-	-	-	-	300,000
Total	\$ 300,000	\$ -	\$ -	\$ -	\$ -	\$ 300,000

Full Annual Operating Budget Impact

	Fund	Department	Amount	AP's
Revenue				
Personnel Costs				
Operating Costs				
Total				

Impact Comments: Maintenance costs are based on 1% of construction costs. Forestry costs are based on average park renovations. All operating costs shown are 2018 calculations.

Project Details

Plan	Chapter	Category	Department	Council District
General	Community Improvements	Facility Improvements	Park & Recreation	Council District 7

Project Name: Nature Center Improvements

Description: Donated funds from the Friends of the Fort Worth Nature Center and Refuge Inc. for capital improvements at the Fort Worth Nature Center and Refuge.

Justification: M&C C-28786 on August 7, 2018 - Authorized an amendment to the License Agreement, City Secretary No. 46694, with the Friends of Fort Worth Nature Center & Refuge, Inc. (FONC), for the support of the Nature Center & Refuge to amend provisions relating to donations to the City, operations and deposit of revenue; and authorized acceptance of a transfer from the Friends of the Nature Center into the Special Donation Fund; authorized acceptance annually of \$15 per member of the FONC up to \$15,000 a year (paid quarterly) to be deposited into the Special Donation Fund for capital projects.

Projected Date Range: Programmable

Project Request	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Nature Center Improvements P_P00122	\$ 12,000	\$ 12,000	\$ 12,000	\$ 12,000	\$ 12,000	\$ 60,000

Funding Source	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Special Donations Cap Projects	12,000	12,000	12,000	12,000	12,000	60,000
Total	\$ 12,000	\$ 12,000	\$ 12,000	\$ 12,000	\$ 12,000	\$ 60,000

Full Annual Operating Budget Impact

	Fund	Department	Amount	AP's
Revenue				
Personnel Costs				
Operating Costs				
Total				

Impact Comments: This is a programmable project and will not incur operational costs.

Project Details

Plan	Chapter	Category	Department	Council District
General	Community Improvements	Facility Improvements	Neighborhood Services	Council District 3

Project Name: Las Vegas Trail Cap Maintenance

Description: Funding earmarked to support Las Vegas Trail Community Center capital maintenance.

Justification: The funding will support the on-going capital maintenance of Las Vegas Trail Community Center.

Projected Date Range: Programmable

Project Request	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Las Vegas Trail Cap Maint P_P00123	\$ 130,000	\$ 130,000	\$ 130,000	\$ 130,000	\$ 130,000	\$ 650,000

Funding Source	FY2020	FY2021	FY2022	FY2023	FY2024	Total
General Fund	130,000	130,000	130,000	130,000	130,000	650,000
Total	\$ 130,000	\$ 130,000	\$ 130,000	\$ 130,000	\$ 130,000	\$ 650,000

Full Annual Operating Budget Impact

	Fund	Department	Amount	AP's
Revenue				
Personnel Costs				
Operating Costs				
Total				

Impact Comments: This is a programmable project and will not incur operational costs.

Project Details

Plan	Chapter	Category	Department	Council District
General	Community Improvements	Neighborhood Street Imp	Neighborhood Services	Citywide

Project Name: NSD Alleyway Maintenance

Description: Programmable project with funding set aside to maintain city alleyways.

Justification: These projects are to provide maintenance above the normal cleanup and ground maintenance of the City’s alleyways contract.

Projected Date Range: Programmable

Project Request	FY2020	FY2021	FY2022	FY2023	FY2024	Total
NSD Alleyway Maintenance P_P00105	\$ 200,000	\$ 208,000	\$ 216,000	\$ 224,000	\$ 232,000	\$ 1,080,000

Funding Source	FY2020	FY2021	FY2022	FY2023	FY2024	Total
General Fund	200,000	208,000	216,000	224,000	232,000	1,080,000
Total	\$ 200,000	\$ 208,000	\$ 216,000	\$ 224,000	\$ 232,000	\$ 1,080,000

Full Annual Operating Budget Impact

	Fund	Department	Amount	AP's
Revenue				
Personnel Costs				
Operating Costs				
Total				

Impact Comments: This is capital programmable project does not incur operational costs.

Project Details

Plan	Chapter	Category	Department	Council District
General	Community Improvements	New Facilities	Park & Recreation	Council District 6

Project Name: Parkwood East Park

Description: Master planning and design and construction of park amenities including, but not limited to, those required to create a public gathering space.

Justification: Reserve Parks are neighborhood and community parks that are currently in an undeveloped, or “reserve” status. It is a goal of the PARD’s Park, Recreation and Open Space Master Plan to develop reserve parks as the city’s population grows, thereby providing adequate public open space where it is needed. Parkwood East is a .18 acre urban reserve park, in Council District 6, and will serve an underserved sector of the City.

Projected Date Range: FY2021

Project Request	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Parkwood East Park	\$ -	\$ 358,238	\$ -	\$ -	\$ -	\$ 358,238

Funding Source	FY2020	FY2021	FY2022	FY2023	FY2024	Total
PARD Dedication Fees	-	58,238	-	-	-	58,238
2018 Bond Program	-	300,000	-	-	-	300,000
Total	\$ -	\$ 358,238	\$ -	\$ -	\$ -	\$ 358,238

Full Annual Operating Budget Impact

	Fund	Department	Amount	AP's
Revenue				
Personnel Costs				
Operating Costs				
Total				

Impact Comments: Operating costs are estimated based on proposed additional improvements pending implementation of master plan and public input. Maintenance costs are based on 1% of construction costs. District costs are based on average per acre for park operations. Forestry costs are based on average park development. All operating costs shown are 2018 calculations.

Project Details

Plan	Chapter	Category	Department	Council District
General	Community Improvements	New Facilities	Park & Recreation	Council District 6

Project Name: Trail Lake Estates Park

Description: Master planning and design and construction of park amenities including, but not limited to, playground, picnic shelter, walking trail, security lighting and practice fields.

Justification: Reserve Parks are neighborhood and community parks that are currently in an undeveloped, or “reserve” status. It is a goal of the PARD’s Park, Recreation and Open Space Master Plan to develop reserve parks as the city’s population grows, thereby providing adequate public open space where it is needed. Trail Lake Estates Park is a 4.6 acre reserve park, in Council District 6, and will serve an underserved sector of the City.

Projected Date Range: FY2021

Project Request	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Trail Lake Estates Park	\$ -	\$ 450,000	\$ -	\$ -	\$ -	\$ 450,000

Funding Source	FY2020	FY2021	FY2022	FY2023	FY2024	Total
2018 Bond Program	-	450,000	-	-	-	450,000
Total	\$ -	\$ 450,000	\$ -	\$ -	\$ -	\$ 450,000

Full Annual Operating Budget Impact

	Fund	Department	Amount	AP's
Revenue				
Personnel Costs				
Operating Costs				
Total				

Impact Comments: Operating costs are estimated based on proposed additional improvements pending implementation of master plan and public input. Maintenance costs are based on 1% of construction costs. District costs are based on average per acre for park operations. Forestry costs are based on average park renovations. All operating costs shown are 2018 calculations.

Project Details

Plan	Chapter	Category	Department	Council District
General	Community Improvements	New Facilities	Park & Recreation	Council District 6

Project Name: Deer Meadow Park

Description: Master planning and design and construction of park amenities including, but not limited to, playground, picnic shelter, walking trail, security lighting and practice fields.

Justification: Reserve Parks are neighborhood and community parks that are currently in an undeveloped, or “reserve” status. It is a goal of the PARD’s Park, Recreation and Open Space Master Plan to develop reserve parks as the city’s population grows, thereby providing adequate public open space where it is needed. Deer Meadow Park is a 8.5 acre reserve park, in Council District 6, and will serve an underserved sector of the City.

Projected Date Range: FY2020

Project Request	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Deer Meadow Park P_102324	\$ 632,479	\$ -	\$ -	\$ -	\$ -	\$ 632,479

Funding Source	FY2020	FY2021	FY2022	FY2023	FY2024	Total
PARD Dedication Fees	132,479	-	-	-	-	132,479
2018 Bond Program	500,000	-	-	-	-	500,000
Total	\$ 632,479	\$ -	\$ -	\$ -	\$ -	\$ 632,479

Full Annual Operating Budget Impact

	Fund	Department	Amount	AP's
Revenue				
Personnel Costs				
Operating Costs				
Total				

Impact Comments: Operating costs are estimated based on proposed additional improvements pending implementation of master plan and public input. Maintenance costs are based on 1% of construction costs. District costs are based on average per acre for park operations. Forestry costs are based on average park renovations. All operating costs shown are 2018 calculations.

Project Details

Plan	Chapter	Category	Department	Council District
General	Community Improvements	New Facilities	Park & Recreation	Council District 2

Project Name: Marine Creek Lake Park

Description: Master plan update and design and construction of park amenities, including, but not limited to, playground, picnic shelter, walking trail, security lighting and competition athletic fields.

Justification: Reserve Parks are neighborhood and community parks that are currently in an undeveloped, or “reserve” status. It is a goal of the PARD’s Park, Recreation and Open Space Master Plan to develop reserve parks as the city’s population grows, thereby providing adequate public open space where it is needed. Marine Creek Lake Park is a 70 acre reserve park, in CD 2, and will serve an underserved sector of the City. This project is included in the 2018 Bond Program.

Projected Date Range: FY2020

Project Request	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Marine Creek Lake Park P_102335	\$ 500,000	\$ -	\$ -	\$ -	\$ -	\$ 500,000

Funding Source	FY2020	FY2021	FY2022	FY2023	FY2024	Total
2018 Bond Program	500,000	-	-	-	-	500,000
Total	\$ 500,000	\$ -	\$ -	\$ -	\$ -	\$ 500,000

Full Annual Operating Budget Impact

	Fund	Department	Amount	AP's
Revenue				
Personnel Costs				
Operating Costs				
Total				

Impact Comments: Operating costs are estimated based on proposed additional improvements pending implementation of master plan and public input. Maintenance costs are based on 1% of construction costs. District costs are based on average per acre for park operations. Forestry costs are based on average park renovations. All operating costs shown are 2018 calculations.

Project Details

Plan	Chapter	Category	Department	Council District
General	Community Improvements	Playground Imprv	Park & Recreation	Citywide

Project Name: Universal Playground

Description: Design and construction of a new universal playground with connecting walks and supporting site furnishings.

Justification: Per City Resolution No. 4399-01-2015, the City has adopted the PARD 2015 Park, Recreation, and Open Space Master Plan as the guide for allocation of resources for the improvement and continued development of Fort Worth’s Park, Recreation, and Open Space System. A defined geographical level of need within the city is one universal playground per Park Planning District. The city currently only has one universal playground at Patricia LeBlanc Park in southwest Fort Worth.

Projected Date Range: FY2021

Project Request	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Universal Playground	\$ -	\$ 750,000	\$ -	\$ -	\$ -	\$ 750,000

Funding Source	FY2020	FY2021	FY2022	FY2023	FY2024	Total
2018 Bond Program	-	750,000	-	-	-	750,000
Total	\$ -	\$ 750,000	\$ -	\$ -	\$ -	\$ 750,000

Full Annual Operating Budget Impact

	Fund	Department	Amount	AP's
Revenue				
Personnel Costs				
Operating Costs				
Total				

Impact Comments: Maintenance costs are based on 1% of construction costs. Forestry costs are based on average park renovations. All operating costs shown are 2018 calculations.

Project Details

Plan	Chapter	Category	Department	Council District
General	Community Improvements	Redevelopment/Reno	Neighborhood Services	Citywide

Project Name: Neighborhood Improvement Strategy Program

Description: Programmable project with funding set aside to pilot the Neighborhood Improvement Strategy (NIS) program.

Justification: These projects are to revitalize and raise the quality of life in City Council approved neighborhoods. While the specific improvements will be tailored to address the needs in each neighborhood, activity supported by these funds may include substandard building abatement, urban forestry to improve roadside conditions, streetlights upgrades, and security camera installation.

Projected Date Range: Programmable

Project Request	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Neighborhood Improv. Strat. P_P00080	\$ 3,100,000	\$ 3,100,000	\$ 3,100,000	\$ 3,100,000	\$ 3,100,000	\$ 15,500,000

Funding Source	FY2020	FY2021	FY2022	FY2023	FY2024	Total
General Fund	3,100,000	3,100,000	3,100,000	3,100,000	3,100,000	15,500,000
Total	\$ 3,100,000	\$ 3,100,000	\$ 3,100,000	\$ 3,100,000	\$ 3,100,000	\$ 15,500,000

Full Annual Operating Budget Impact

	Fund	Department	Amount	AP's
Revenue				
Personnel Costs				
Operating Costs				
Total				

Impact Comments: This is a programmable project and will not incur operational costs.

General Capital Improvement Plan

Information Technology Chapter

Chapter	Capital Category	Project	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Information Technology	Business Applications	Econ Dev Communication Plan P_102315	100,000	-	-	-	-	100,000
		Business Applications-IT P_P00037	1,330,207	425,283	450,596	724,450	438,850	3,369,386
	Hardware	PC Refresh - General - IT P_P00090	1,461,446	1,301,000	1,314,000	1,327,140	1,340,280	6,743,866
		PC Refresh - Other Funds - IT P_P00091	484,202	726,000	733,000	767,784	802,568	3,513,554
	Technology Infrastructure	Capital Projects Svcs Business P_P00111	251,000	251,000	251,000	251,000	251,000	1,255,000
		Technology Infrastructure-IT P_P00038	6,911,971	5,003,367	4,557,054	4,394,937	4,195,765	25,063,094
		ERP IT P_P00093	450,000	800,000	775,000	775,000	925,000	3,725,000
Chapter Total			\$ 10,988,826	\$ 8,506,650	\$ 8,080,650	\$ 8,240,311	\$ 7,953,463	\$ 43,769,900

Funding Source	Funding Type	FY2020	FY2021	FY2022	FY2023	FY2024	Total
General Fund	Capital Interfund Transfer Out	4,614,446	4,170,000	4,427,000	4,731,877	4,899,895	22,843,218
Crime Control & Prev Distr	Capital Interfund Transfer Out	3,671,200	2,859,650	2,169,650	1,992,650	1,500,000	12,193,150
	IT Refresh Transfer Out	412,887	482,597	419,920	633,924	759,252	2,708,580
Culture & Tourism	IT Refresh Transfer Out	21,837	9,906	22,971	19,424	15,553	89,691
Municipal Golf	IT Refresh Transfer Out	1,273	-	-	1,699	-	2,972
Environmental Protection	IT Refresh Transfer Out	900	13,143	28,424	1,699	-	44,166
Red Light Enforcement Program	IT Refresh Transfer Out	-	2,984	1,561	-	-	4,545
Stormwater Utility	IT Refresh Transfer Out	13,804	49,243	47,753	5,238	14,744	130,782
Solid Waste	IT Refresh Transfer Out	-	85,683	39,377	31,820	-	156,880
Municipal Parking	IT Refresh Transfer Out	900	16,274	10,820	-	-	27,994
Municipal Airport	IT Refresh Transfer Out	9,762	7,887	18,363	26,384	13,019	75,415
Fleet & Equipment Serv	IT Refresh Transfer Out	-	-	7,584	28,484	-	36,068
Capital Projects Service	Capital Interfund Transfer Out	251,000	251,000	251,000	251,000	251,000	1,255,000
	IT Refresh Transfer Out	15,611	50,149	75,793	19,112	-	160,665
Group Health Insurance Fund	IT Refresh Transfer Out	-	-	31,291	-	-	31,291
Risk Financing	IT Refresh Transfer Out	7,228	8,134	29,143	-	-	44,505
ITS Capital	Unspec Project	1,502,917	-	-	-	-	1,502,917
Outside Revenue	Capital Interfund Transfer Out	465,061	500,000	500,000	497,000	500,000	2,462,061
Total Funding Source		\$ 10,988,826	\$ 8,506,650	\$ 8,080,650	\$ 8,240,311	\$ 7,953,463	\$ 43,769,900

Project Details

Plan	Chapter	Category	Department	Council District
General	Information Technology	Business Applications	Information & Technology Solutions	Citywide

Project Name: Business Applications-IT

Description: Programmable project with funding set aside to respond to CFW department’s requests for software system implementations for the execution of a plan, idea, or design to address their operational processes and to improve efficiencies.

Justification: Funding to maintain and improve the City’s software based information systems. These include citizen facing systems as well as enterprise wide systems for all departments along with department specific systems. These systems are managed on a system upgrade schedule with major projects being identified as needed. Funding to upgrade or replace major software systems across departments or across the enterprise. The scope of the systems either benefit the entire organization or support large departmental operations that require significant investments in resources and time. In FY2019, major initiatives include Environmental Quality Centralization software, Construction Inspection Field Notes, Predictive Analysis Software and the expansion of Open Data Portal.

Projected Date Range: Programmable

Project Request	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Business Applications-IT P_P00037	\$ 1,330,207	\$ 425,283	\$ 450,596	\$ 724,450	\$ 438,850	\$ 3,369,386

Funding Source	FY2020	FY2021	FY2022	FY2023	FY2024	Total
General Fund	737,440	330,283	355,596	629,450	438,850	2,491,619
Crime Control & Prev Distr	150,000	95,000	95,000	95,000	-	435,000
ITS Capital	378,917	-	-	-	-	378,917
Outside Revenue	63,850	-	-	-	-	63,850
Total	\$ 1,330,207	\$ 425,283	\$ 450,596	\$ 724,450	\$ 438,850	\$ 3,369,386

Full Annual Operating Budget Impact

	Fund	Department	Amount	AP's
Revenue				
Personnel Costs				
Operating Costs				
Total				

Impact Comments: No operational costs.

Project Details

Plan	Chapter	Category	Department	Council District
General	Information Technology	Business Applications	Economic Development	Citywide

Project Name: Economic Development Communication Plan

Description: This project supports specific Economic Development messaging efforts for the City.

Justification: This project helps to support efforts associated with the 2017 Economic Development Strategic Plan. Funding for this project will provide support for the following objectives: 1. Support new and existing business growth by increasing awareness of Fort Worth's benefits as a place to live; 2. Highlight and encourage entrepreneurship and innovation throughout Fort Worth; and 3. Leverage opportunities for community revitalization through investments in small businesses and targeted development opportunities.

Projected Date Range: FY2020

Project Request	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Econ Dev Communication Plan P_102315	\$ 100,000	\$ -	\$ -	\$ -	\$ -	\$ 100,000

Funding Source	FY2020	FY2021	FY2022	FY2023	FY2024	Total
General Fund	100,000	-	-	-	-	100,000
Total	\$ 100,000	\$ -	\$ -	\$ -	\$ -	\$ 100,000

Full Annual Operating Budget Impact

	Fund	Department	Amount	AP's
Revenue				
Personnel Costs				
Operating Costs				
Total				

Impact Comments: This project will not incur operational costs.

Project Details

Plan	Chapter	Category	Department	Council District
General	Information Technology	Hardware	Information & Technology Solutions	Citywide

Project Name: PC Refresh - General - IT

Description: Programmable project with funding to support IT Solutions’ ability to provide CFW departments, that are within the General Fund, with computer equipment.

Justification: CIP Funding to replace, upgrade or repair PCs and laptops and associated network devices. Beginning in FY2017, funding for this equipment was appropriated in a Computer Equipment Refresh Fund Managed by IT Solutions as part of the IT Capital Program with the goal of minimizing the year-to-year variance in funding levels and ensuring the required technology is managed efficiently and appropriately.

Projected Date Range: Programmable

Project Request	FY2020	FY2021	FY2022	FY2023	FY2024	Total
PC Refresh - General - IT P_P00090	\$ 1,461,446	\$ 1,301,000	\$ 1,314,000	\$ 1,327,140	\$ 1,340,280	\$ 6,743,866

Funding Source	FY2020	FY2021	FY2022	FY2023	FY2024	Total
General Fund	1,461,446	1,301,000	1,314,000	1,327,140	1,340,280	6,743,866
Total	\$ 1,461,446	\$ 1,301,000	\$ 1,314,000	\$ 1,327,140	\$ 1,340,280	\$ 6,743,866

Full Annual Operating Budget Impact

	Fund	Department	Amount	AP's
Revenue				
Personnel Costs				
Operating Costs				
Total				

Impact Comments: This project will not incur operational costs.

Project Details

Plan	Chapter	Category	Department	Council District
General	Information Technology	Hardware	Information & Technology Solutions	Citywide

Project Name: PC Refresh – Other Funds - IT

Description: Programmable project with funding to support IT Solutions’ ability to provide departments not within the General Fund with computer equipment.

Justification: CIP Funding to replace, upgrade or repair PCs and laptops and associated network devices. Funding is appropriated in a Computer Equipment Refresh Fund Managed by IT Solutions as part of the IT Capital Program with the goal of minimizing the year-to-year variance in funding levels and ensuring the required technology is managed efficiently and appropriately.

Projected Date Range: Programmable

Project Request	FY2020	FY2021	FY2022	FY2023	FY2024	Total
PC Refresh - Other Funds - IT P_P00091	\$ 484,202	\$ 726,000	\$ 733,000	\$ 767,784	\$ 802,568	\$ 3,513,554

Funding Source	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Crime Control & Prev Distr	412,887	482,597	419,920	633,924	759,252	2,708,580
Culture & Tourism	21,837	9,906	22,971	19,424	15,553	89,691
Municipal Golf	1,273	-	-	1,699	-	2,972
Environmental Protection	900	13,143	28,424	1,699	-	44,166
Red Light Enforcement Program	-	2,984	1,561	-	-	4,545
Stormwater Utility	13,804	49,243	47,753	5,238	14,744	130,782
Solid Waste	-	85,683	39,377	31,820	-	156,880
Municipal Parking	900	16,274	10,820	-	-	27,994
Municipal Airport	9,762	7,887	18,363	26,384	13,019	75,415
Fleet & Equipment Serv	-	-	7,584	28,484	-	36,068
Capital Projects Service	15,611	50,149	75,793	19,112	-	160,665
Group Health Insurance Fund	-	-	31,291	-	-	31,291
Risk Financing	7,228	8,134	29,143	-	-	44,505
Total	\$ 484,202	\$ 726,000	\$ 733,000	\$ 767,784	\$ 802,568	\$ 3,513,554

Full Annual Operating Budget Impact

	Fund	Department	Amount	AP's
Revenue				
Personnel Costs				
Operating Costs				
Total				

Impact Comments: This project will not incur operational costs.

Project Details

Plan	Chapter	Category	Department	Council District
General	Information Technology	Technology Infrastructure	Transportation & Public Works	Citywide

Project Name: Capital Project Services – Business Apps

Description: Programmable project with funding set aside to address routine Technology services, Technology outlay and software acquisition.

Justification: Capital outlay purchases support operations and maintenance of the Capital Projects Service Fund including routine replacement of technology and software.

Projected Date Range: Programmable Project

Project Request	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Capital Projects Svcs Business P_P00111	\$ 251,000	\$ 251,000	\$ 251,000	\$ 251,000	\$ 251,000	\$ 1,255,000

Funding Source	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Capital Projects Service	251,000	251,000	251,000	251,000	251,000	1,255,000
Total	\$ 251,000	\$ 251,000	\$ 251,000	\$ 251,000	\$ 251,000	\$ 1,255,000

Full Annual Operating Budget Impact

	Fund	Department	Amount	AP's
Revenue				
Personnel Costs				
Operating Costs				
Total				

Impact Comments: This is a programmable project and will not incur operational costs.

Project Details

Plan	Chapter	Category	Department	Council District
General	Information Technology	Technology Infrastructure	Information & Technology Solutions	Citywide

Project Name: Technology Infrastructure - IT

Description: Programmable project with funding to support IT Solutions ability to respond to CFW department’s requests for the collection of hardware, network and system implementations to develop, test, operate, monitor, manage and support information technology services.

Justification: Funding to maintain and improve the City’s core technical infrastructure. The computing environment is highly centralized leveraging a shared infrastructure. The shared infrastructure takes advantage of economies of scale and efficiencies of resource consolidation to provide cost effective computing for Departments. The major components of enterprise infrastructure include network equipment, servers, storage systems, backup and recovery systems, licensing for enterprise services, security hardware and software, database platform and specialty equipment.

Projected Date Range: Programmable

Project Request	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Technology Infrastructure-IT P_P00038	\$ 6,911,971	\$ 5,003,367	\$ 4,557,054	\$ 4,394,937	\$ 4,195,765	\$ 25,063,094

Funding Source	FY2020	FY2021	FY2022	FY2023	FY2024	Total
General Fund	1,865,560	1,738,717	1,982,404	2,000,287	2,195,765	9,782,733
Crime Control & Prev Distr	3,521,200	2,764,650	2,074,650	1,897,650	1,500,000	11,758,150
ITS Capital	1,124,000	-	-	-	-	1,124,000
Outside Revenue	401,211	500,000	500,000	497,000	500,000	2,398,211
Total	\$ 6,911,971	\$ 5,003,367	\$ 4,557,054	\$ 4,394,937	\$ 4,195,765	\$ 25,063,094

Full Annual Operating Budget Impact

	Fund	Department	Amount	AP's
Revenue				
Personnel Costs				
Operating Costs				
Total				

Impact Comments: This project will not incur operational costs.

Project Details

Plan	Chapter	Category	Department	Council District
General	Information Technology	Technology Infrastructure	Information & Technology Solutions	Citywide

Project Name: ERP-IT

Description: Programmable project with funding to support IT Solutions’ ability to design, develop and execute Enterprise Resource Planning systems that address operational processes and improve efficiencies for all City of Fort Worth users.

Justification: Funding to maintain and improve the City’s Enterprise Resource Planning software based information systems. These include citizen facing systems as well as enterprise wide systems for all departments. Prior system implementations have included the Human Capital Management System, Financial Management System, Hyperion Budgeting System, Taleo Recruiting System, and Biometric Time Clocks.

Projected Date Range: Programmable

Project Request	FY2020	FY2021	FY2022	FY2023	FY2024	Total
ERP IT P_P00093	\$ 450,000	\$ 800,000	\$ 775,000	\$ 775,000	\$ 925,000	\$ 3,725,000

Funding Source	FY2020	FY2021	FY2022	FY2023	FY2024	Total
General Fund	450,000	800,000	775,000	775,000	925,000	3,725,000
Total	\$ 450,000	\$ 800,000	\$ 775,000	\$ 775,000	\$ 925,000	\$ 3,725,000

Full Annual Operating Budget Impact

	Fund	Department	Amount	AP's
Revenue				
Personnel Costs				
Operating Costs				
Total				

Impact Comments: This project will not incur operational costs.

General Capital Improvement Plan

Transportation Chapter

Chapter	Capital Category	Project	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Transportation	Bridges	Bridge Rehabilitation P_PB0003	7,500,000	-	-	-	-	7,500,000
	Community Partnerships	Bus Route Reorganization P_102310	250,000	250,000	-	-	-	500,000
		Transit Mobile Phone App P_102311	500,000	-	-	-	-	500,000
		Medical District ZIPZONE P_102312	250,000	-	-	-	-	250,000
	New Transportation	Transit Initiatives P_P00129	500,000	1,250,000	1,500,000	1,500,000	1,500,000	6,250,000
		Street Construction/Recon/Reha P_PB0001	31,750,000	3,525,000	-	-	-	35,275,000
	Public Safety	Neighborhood/School Safety P_PB0007	3,750,000	-	-	-	-	3,750,000
	Railroad Crossings	Railroad Crossings P_PB0004	2,200,000	1,550,000	-	-	-	3,750,000
	Sidewalk Infrastructure	Sidewalks/Bicycle Lanes P_PB0002	4,250,000	3,625,000	625,000	-	-	8,500,000
		ADA Improvements P_P00127	742,870	742,870	742,870	742,870	742,870	3,714,350
	Street Light Infrastructure	Street Lights P_PB0005	2,500,000	1,500,000	-	-	-	4,000,000
		Street Lighting Programmable P_P00124	500,000	500,000	500,000	500,000	500,000	2,500,000
	Street Maint	Pavement Mgmt - Reclamation P_P00125	500,000	500,000	500,000	500,000	500,000	2,500,000
		Pavement Markings P_P00126	1,398,000	1,398,000	1,398,000	1,398,000	1,398,000	6,990,000
		Contract Bridge Maintenance P_P00017	1,796,000	1,867,000	1,941,000	2,018,000	2,098,000	9,720,000
		Contract Brick Pavement Repair P_P00018	421,000	437,000	454,000	472,000	490,000	2,274,000
		Concrete Restoration P_P00019	2,305,000	2,397,000	2,492,000	2,591,000	2,694,000	12,479,000
		Contract Street Maintenance P_P00020	16,401,000	17,057,000	17,739,000	18,448,000	19,185,000	88,830,000
		Street Maintenance P_P00022	870,000	904,000	940,000	977,000	1,016,000	4,707,000
	Traffic Signals	Traffic Signals P_PB0006	3,000,000	2,650,000	-	-	-	5,650,000
		Traffic System Maintenance P_P00021	5,592,000	5,815,000	6,047,000	6,288,000	6,539,000	30,281,000

General Capital Improvement Plan

Chapter Total		\$ 86,975,870	\$ 45,967,870	\$ 34,878,870	\$ 35,434,870	\$ 36,662,870	\$239,920,350
Funding Source	Funding Type	FY2020	FY2021	FY2022	FY2023	FY2024	Total
General Fund	Capital Interfund Transfer Out	32,025,870	33,117,870	34,253,870	35,434,870	36,662,870	171,495,350
2018 Bond Program	Proceeds From Sale Of Bonds	54,950,000	12,850,000	625,000	-	-	68,425,000
Total Funding Source		\$ 86,975,870	\$ 45,967,870	\$ 34,878,870	\$ 35,434,870	\$ 36,662,870	\$239,920,350

Project Details

Plan	Chapter	Category	Department	Council District
General	Transportation	Bridges	Transportation & Public Works	Citywide

Project Name: Bridge Rehabilitation

Description: These improvements include the rehabilitation of existing bridges Citywide as well as reconstruction of existing bridges where rehabilitation would not be cost effective.

Justification: Bridge Rehabilitation is part of the Street System Capital Improvement Strategy and is driven by its mission to provide a safe and reliable street system for effective movement of people, goods and services.

Projected Date Range: Programmable

Project Request	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Bridge Rehabilitation P_PB0003	\$ 7,500,000	\$ -	\$ -	\$ -	\$ -	\$ 7,500,000

Funding Source	FY2020	FY2021	FY2022	FY2023	FY2024	Total
2018 Bond Program	7,500,000	-	-	-	-	7,500,000
Total	\$ 7,500,000	\$ -	\$ -	\$ -	\$ -	\$ 7,500,000

Full Annual Operating Budget Impact

	Fund	Department	Amount	AP's
Revenue				
Personnel Costs				
Operating Costs				
Total				

Impact Comments: This is a programmable project and will not incur operational costs.

Project Details

Plan	Chapter	Category	Department	Council District
General	Transportation	Community Partnerships	Transportation & Public Works	Citywide

Project Name: Transit Initiatives

Description: This funding will be used for a variety of services to encourage transit use. These include transit passes for City employees, updates to transit facilities like bus stops and transit centers, additional pilot studies for service related activities, and technology applications (not including the Mobile App).

Justification: This funding will be used for implementation of recommendations from the Transit Plan. The limited amount of funding provides additional support to Trinity Metro in areas where local matches for project may be needed, improved access is identified or pilot studies are needed to demonstrate utility.

Projected Date Range: Programmable

Project Request	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Transit Initiatives P_P00129	\$ 500,000	\$ 1,250,000	\$ 1,500,000	\$ 1,500,000	\$ 1,500,000	\$ 6,250,000

Funding Source	FY2020	FY2021	FY2022	FY2023	FY2024	Total
General Fund	500,000	1,250,000	1,500,000	1,500,000	1,500,000	6,250,000
Total	\$ 500,000	\$ 1,250,000	\$ 1,500,000	\$ 1,500,000	\$ 1,500,000	\$ 6,250,000

Full Annual Operating Budget Impact

	Fund	Department	Amount	AP's
Revenue				
Personnel Costs				
Operating Costs				
Total				

Impact Comments: This capital programmable project will not incur operational costs.

Project Details

Plan	Chapter	Category	Department	Council District
General	Transportation	Community Partnerships	Transportation & Public Works	Citywide

Project Name: Bus Route Reorganization

Description: This funding will help support Trinity Metro conduct a complete reevaluation and update to the bus system. Bus routes will be reviewed for ridership, access, penetration and effectiveness. The goal is to improve the bus system by increasing ridership and usage through an update of service types and locations.

Justification: Trinity Metro’s improvement of transit service translates into ridership. As ridership increases so does revenues from fares and federal funding. The City’s contribution demonstrates its commitment to transit and the continued improvement of the system. The system will be built to provide service to existing activity centers keeping in mind the connections needed between residential and employment centers in the City.

Projected Date Range: FY2020 – FY2021

Project Request	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Bus Route Reorganization P_102310	\$ 250,000	\$ 250,000	\$ -	\$ -	\$ -	\$ 500,000

Funding Source	FY2020	FY2021	FY2022	FY2023	FY2024	Total
General Fund	250,000	250,000	-	-	-	500,000
Total	\$ 250,000	\$ 250,000	\$ -	\$ -	\$ -	\$ 500,000

Full Annual Operating Budget Impact

	Fund	Department	Amount	AP's
Revenue				
Personnel Costs				
Operating Costs				
Total				

Impact Comments: This project will not incur operational costs.

Project Details

Plan	Chapter	Category	Department	Council District
General	Transportation	Community Partnerships	Transportation & Public Works	Citywide

Project Name: Transit Mobile Phone App

Description: The transit mobile phone application will revolutionize how people get around. The app is designed to provide both trip planning and fare payment options to users to streamline their commute for all trip types. The app would allow purchase of bike sharing, TNCs, bus, train and on-demand services in one location.

Justification: As the accessibility and convenience to public transportation improves so will the ridership. This app will provide more convenience to riders to make a complete trip. The City’s participation in the development demonstrate our commitment to transit and our residents to help Trinity Metro improve its service and increase ridership. The app will also help visitors utilize transit service to get around during their visit.

Projected Date Range: FY2020

Project Request	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Transit Mobile Phone App P_102311	\$ 500,000	\$ -	\$ -	\$ -	\$ -	\$ 500,000

Funding Source	FY2020	FY2021	FY2022	FY2023	FY2024	Total
General Fund	500,000	-	-	-	-	500,000
Total	\$ 500,000	\$ -	\$ -	\$ -	\$ -	\$ 500,000

Full Annual Operating Budget Impact

	Fund	Department	Amount	AP's
Revenue				
Personnel Costs				
Operating Costs				
Total				

Impact Comments: This project will not incur operational costs.

Project Details

Plan	Chapter	Category	Department	Council District
General	Transportation	Community Partnerships	Transportation & Public Works	Council District 9

Project Name: Medical District ZIPZONE

Description: The Medical District ZIPZONE is similar to the Mercantile ZIPZONE that the City helped to fund earlier this year. As Trinity Metro continues to work on the southern extension of TEXRail to the Medical District and beyond, the establishment of the Medical District ZIPZONE will help to provide service to an area that has numerous jobs, growing residential and a multitude of medical and associated services. The ZIPZONE will help establish ridership and demand for transit service in the area. The anchor location, once the TEXRail extension is built, would change from the T&P Station to the new TEXRail Medical District Station.

Justification: City participation in this service will help provide employers a more reliable, consistent public transit service for their staff and customers. This service provides direct access from the T&P Station served by TRE and TEXRail and will reduce the number of time consuming transfers between train and bus. The City's participation will help provide the initial service to demonstrate its feasibility and demand.

Projected Date Range: FY2020

Project Request	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Medical District ZIPZONE P_102312	\$ 250,000	\$ -	\$ -	\$ -	\$ -	\$ 250,000

Funding Source	FY2020	FY2021	FY2022	FY2023	FY2024	Total
General Fund	250,000	-	-	-	-	250,000
Total	\$ 250,000	\$ -	\$ -	\$ -	\$ -	\$ 250,000

Full Annual Operating Budget Impact

	Fund	Department	Amount	AP's
Revenue				
Personnel Costs				
Operating Costs				
Total				

Impact Comments: This project will not incur operational costs.

Project Details

Plan	Chapter	Category	Department	Council District
General	Transportation	New Transportation	Transportation & Public Works	Citywide

Project Name: Street Construction/Reconstruction/Rehabilitation – 2018 Bond

Description: These improvements will be part of the 2018 Bond Program and will include the construction, reconstruction or rehabilitation of street segments throughout the City.

Justification: This project is part of a major thoroughfare improvement which adds capacity through constructing new street segments or the addition of new travel lanes to existing facilities.

Projected Date Range: Programmable

Project Request	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Street Construction/Recon/Reha P_PB0001	\$ 31,750,000	\$ 3,525,000	\$ -	\$ -	\$ -	\$ 35,275,000

Funding Source	FY2020	FY2021	FY2022	FY2023	FY2024	Total
2018 Bond Program	31,750,000	3,525,000	-	-	-	35,275,000
Total	\$ 31,750,000	\$ 3,525,000	\$ -	\$ -	\$ -	\$ 35,275,000

Full Annual Operating Budget Impact

	Fund	Department	Amount	AP's
Revenue				
Personnel Costs				
Operating Costs				
Total				

Impact Comments: This is a programmable project and will not incur operational costs.

Project Details

Plan	Chapter	Category	Department	Council District
General	Transportation	Public Safety	Transportation & Public Works	Citywide

Project Name: Neighborhood/School Safety – 2018 Bond

Description: School and Neighborhood Safety projects include the establishment of new school zones and rehabilitation/upgrading of existing zones.

Justification: School Safety is part of the Street System Capital Improvement Strategy, driven by its mission to provide a safe and reliable street system for effective movement of people, goods and services.

Projected Date Range: Programmable

Project Request	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Neighborhood/School Safety P_PB0007	\$ 3,750,000	\$ -	\$ -	\$ -	\$ -	\$ 3,750,000

Funding Source	FY2020	FY2021	FY2022	FY2023	FY2024	Total
2018 Bond Program	3,750,000	-	-	-	-	3,750,000
Total	\$ 3,750,000	\$ -	\$ -	\$ -	\$ -	\$ 3,750,000

Full Annual Operating Budget Impact

	Fund	Department	Amount	AP's
Revenue				
Personnel Costs				
Operating Costs				
Total				

Impact Comments: This is a programmable project and will not incur operational costs.

Project Details

Plan	Chapter	Category	Department	Council District
General	Transportation	Railroad Crossings	Transportation & Public Works	Citywide

Project Name: Railroad Crossings - 2018 Bond

Description: Railroad Crossings include improvements creating Quiet Zones, rehabilitating the travel surface of existing crossings and general safety improvements relative to traffic control devices and gate enhancements.

Justification: Railroad Crossings are Part of the Street System Capital Improvement Strategy and is driven by its mission to provide a safe and reliable street system for effective movement of people, goods and services.

Projected Date Range: Programmable

Project Request	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Railroad Crossings P_PB0004	\$ 2,200,000	\$ 1,550,000	\$ -	\$ -	\$ -	\$ 3,750,000

Funding Source	FY2020	FY2021	FY2022	FY2023	FY2024	Total
2018 Bond Program	2,200,000	1,550,000	-	-	-	3,750,000
Total	\$ 2,200,000	\$ 1,550,000	\$ -	\$ -	\$ -	\$ 3,750,000

Full Annual Operating Budget Impact

	Fund	Department	Amount	AP's
Revenue				
Personnel Costs				
Operating Costs				
Total				

Impact Comments: This is a programmable project and will not incur operational costs.

Project Details

Plan	Chapter	Category	Department	Council District
General	Transportation	Sidewalk Infrastructure	Transportation & Public Works	Citywide

Project Name: Sidewalks/Bicycle Lanes - 2018 Bond

Description: These improvements will be part of the 2018 Bond Program and will include the establishment of new sidewalks and bicycle lanes on existing street segments throughout the City.

Justification: Bicycle Facilities are part of the Street System Capital Improvement Strategy and is driven by its mission to provide a safe and Reliable street system for effective movement of people, goods and services.

Projected Date Range: Programmable

Project Request	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Sidewalks/Bicycle Lanes P_PB0002	\$ 4,250,000	\$ 3,625,000	\$ 625,000	\$ -	\$ -	\$ 8,500,000

Funding Source	FY2020	FY2021	FY2022	FY2023	FY2024	Total
2018 Bond Program	4,250,000	3,625,000	625,000	-	-	8,500,000
Total	\$ 4,250,000	\$ 3,625,000	\$ 625,000	\$ -	\$ -	\$ 8,500,000

Full Annual Operating Budget Impact

	Fund	Department	Amount	AP's
Revenue				
Personnel Costs				
Operating Costs				
Total				

Impact Comments: This is a programmable project and will not incur operational costs.

Project Details

Plan	Chapter	Category	Department	Council District
General	Transportation	Sidewalk Infrastructure	Transportation & Public Works	Citywide

Project Name: Sidewalk Improvements

Description: Funding provides for the installation of mandatory Americans with Disabilities Act (ADA) ramps and sidewalk improvements for street rehabilitation projects.

Justification: ADA/Sidewalks Mobility Improvement Program is targeted for mobility improvements in Street Maintenance Rehabilitation Projects. Improvements include ADA accessible ramps, sidewalk repairs and gap installations, street signs, pavement markings, and other pedestrian walkways. In FY 2020, TPW anticipates a gain of 5 lane miles of more complete street improvements.

Projected Date Range: Programmable

Project Request	FY2020	FY2021	FY2022	FY2023	FY2024	Total
ADA Improvements P_P00127	\$ 742,870	\$ 742,870	\$ 742,870	\$ 742,870	\$ 742,870	\$ 3,714,350

Funding Source	FY2020	FY2021	FY2022	FY2023	FY2024	Total
General Fund	742,870	742,870	742,870	742,870	742,870	3,714,350
Total	\$ 742,870	\$ 742,870	\$ 742,870	\$ 742,870	\$ 742,870	\$ 3,714,350

Full Annual Operating Budget Impact

	Fund	Department	Amount	AP's
Revenue				
Personnel Costs				
Operating Costs				

Impact Comments: This capital programmable project will not incur operational costs.

Project Details

Plan	Chapter	Category	Department	Council District
General	Transportation	Street Light Infrastructure	Transportation & Public Works	Citywide

Project Name: Streetlights - 2018 Bond

Description: Street lighting improvements include the installation of new streetlights in areas of the community where lighting levels are below current development standards as well as rehabilitation of existing assets where poles, power cable and light fixtures have failed.

Justification: Streetlights are part of the Street System Capital Improvement Strategy and is driven by its mission to provide a safe and Reliable street system for effective movement of people, goods and services.

Projected Date Range: Programmable

Project Request	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Street Lights P_PB0005	\$ 2,500,000	\$ 1,500,000	\$ -	\$ -	\$ -	\$ 4,000,000

Funding Source	FY2020	FY2021	FY2022	FY2023	FY2024	Total
2018 Bond Program	2,500,000	1,500,000	-	-	-	4,000,000
Total	\$ 2,500,000	\$ 1,500,000	\$ -	\$ -	\$ -	\$ 4,000,000

Full Annual Operating Budget Impact

	Fund	Department	Amount	AP's
Revenue				
Personnel Costs				
Operating Costs				
Total				

Impact Comments: This is a programmable project and will not incur operational costs.

Project Details

Plan	Chapter	Category	Department	Council District
General	Transportation	Street Light Infrastructure	Transportation & Public Works	Citywide

Project Name: Street Lighting Maintenance

Description: Programmable project with funding set aside to address backlog of deferred maintenance for damaged streetlights on arterial roadways to promote pedestrian and motorist safety. Additionally funding will used to convert residential lighting in Major Minority Areas (MMAs) to LED fixtures to improve personal safety for pedestrians and cyclists.

Justification: Street Lighting Maintenance is part of the Street System Capital Improvement Strategy and is driven by its mission to provide a safe and reliable street system for effective movement of people, goods and services. The CIP is developed from many funding sources from within the City as well as external sources.

Projected Date Range: Programmable

Project Request	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Street Lighting Programmable P_P00124	\$ 500,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 2,500,000

Funding Source	FY2020	FY2021	FY2022	FY2023	FY2024	Total
General Fund	500,000	500,000	500,000	500,000	500,000	2,500,000
Total	\$ 500,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 2,500,000

Full Annual Operating Budget Impact

	Fund	Department	Amount	AP's
Revenue				
Personnel Costs				
Operating Costs				
Total				

Impact Comments: This capital programmable project will not incur operational costs.

Project Details

Plan	Chapter	Category	Department	Council District
General	Transportation	Street Maint	Transportation & Public Works	Citywide

Project Name: Contract Bridge Maintenance

Description: Programmable project with funding set aside to address routine Contract Bridge Maintenance.

Justification: Contract Bridge Maintenance is part of the Street System Capital Improvement Strategy and is driven by its mission to provide a safe and reliable street system for effective movement of people, goods and services.

Projected Date Range: Programmable

Project Request	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Contract Bridge Maintenance P_P00017	\$ 1,796,000	\$ 1,867,000	\$ 1,941,000	\$ 2,018,000	\$ 2,098,000	\$ 9,720,000

Funding Source	FY2020	FY2021	FY2022	FY2023	FY2024	Total
General Fund	1,796,000	1,867,000	1,941,000	2,018,000	2,098,000	9,720,000
Total	\$ 1,796,000	\$ 1,867,000	\$ 1,941,000	\$ 2,018,000	\$ 2,098,000	\$ 9,720,000

Full Annual Operating Budget Impact

	Fund	Department	Amount	AP's
Revenue				
Personnel Costs				
Operating Costs				
Total				

Impact Comments: This is a programmable project and will not incur operational costs.

Project Details

Plan	Chapter	Category	Department	Council District
General	Transportation	Street Maint	Transportation & Public Works	Citywide

Project Name: Contract Brick Pavement Repair

Description: Programmable project with funding set aside to address routine Contract Brick Pavement Repair.

Justification: Contract Brick Pavement Repair is part of the Street System Capital Improvement Strategy and is driven by its mission to provide a safe and reliable street system for effective movement of people, goods and services.

Projected Date Range: Programmable

Project Request	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Contract Brick Pavement Repair P_P00018	\$ 421,000	\$ 437,000	\$ 454,000	\$ 472,000	\$ 490,000	\$ 2,274,000

Funding Source	FY2020	FY2021	FY2022	FY2023	FY2024	Total
General Fund	421,000	437,000	454,000	472,000	490,000	2,274,000
Total	\$ 421,000	\$ 437,000	\$ 454,000	\$ 472,000	\$ 490,000	\$ 2,274,000

Full Annual Operating Budget Impact

	Fund	Department	Amount	AP's
Revenue				
Personnel Costs				
Operating Costs				
Total				

Impact Comments: This is a programmable project and will not incur operational costs.

Project Details

Plan	Chapter	Category	Department	Council District
General	Transportation	Street Maint	Transportation & Public Works	Citywide

Project Name: Concrete Restoration

Description: Programmable project with funding set aside to address routine Concrete Restoration throughout the City.

Justification: Concrete Restoration is part of the Street System Capital Improvement Strategy and is driven by its mission to provide a safe and reliable street system for effective movement of people, goods and services.

Projected Date Range: Programmable

Project Request	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Concrete Restoration P_P00019	\$ 2,305,000	\$ 2,397,000	\$ 2,492,000	\$ 2,591,000	\$ 2,694,000	\$ 12,479,000

Funding Source	FY2020	FY2021	FY2022	FY2023	FY2024	Total
General Fund	2,305,000	2,397,000	2,492,000	2,591,000	2,694,000	12,479,000
Total	\$ 2,305,000	\$ 2,397,000	\$ 2,492,000	\$ 2,591,000	\$ 2,694,000	\$ 12,479,000

Full Annual Operating Budget Impact

	Fund	Department	Amount	AP's
Revenue				
Personnel Costs				
Operating Costs				
Total				

Impact Comments: This is a programmable project and will not incur operational costs.

Project Details

Plan	Chapter	Category	Department	Council District
General	Transportation	Street Maint	Transportation & Public Works	Citywide

Project Name: Contract Street Maintenance

Description: Programmable project with funding set aside to address routine Contract Street Maintenance.

Justification: Contract Street Maintenance is part of the Street System Capital Improvement Strategy and is driven by its mission to provide a safe and reliable street system for effective movement of people, goods and services.

Projected Date Range: Programmable

Project Request	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Contract Street Maintenance P_P00020	\$ 16,401,000	\$ 17,057,000	\$ 17,739,000	\$ 18,448,000	\$ 19,185,000	\$ 88,830,000

Funding Source	FY2020	FY2021	FY2022	FY2023	FY2024	Total
General Fund	16,401,000	17,057,000	17,739,000	18,448,000	19,185,000	88,830,000
Total	\$ 16,401,000	\$ 17,057,000	\$ 17,739,000	\$ 18,448,000	\$ 19,185,000	\$ 88,830,000

Full Annual Operating Budget Impact

	Fund	Department	Amount	AP's
Revenue				
Personnel Costs				
Operating Costs				
Total				

Impact Comments: This is a programmable project and will not incur operational costs.

Project Details

Plan	Chapter	Category	Department	Council District
General	Transportation	Street Maint	Transportation & Public Works	Citywide

Project Name: Street Maintenance

Description: Programmable project with funding set aside to address routine Street Maintenance.

Justification: Street Maintenance is part of the Street System Capital Improvement Strategy and is driven by its mission to provide a safe and reliable street system for effective movement of people, goods and services.

Projected Date Range: Programmable

Project Request	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Street Maintenance P_P00022	\$ 870,000	\$ 904,000	\$ 940,000	\$ 977,000	\$ 1,016,000	\$ 4,707,000

Funding Source	FY2020	FY2021	FY2022	FY2023	FY2024	Total
General Fund	870,000	904,000	940,000	977,000	1,016,000	4,707,000
Total	\$ 870,000	\$ 904,000	\$ 940,000	\$ 977,000	\$ 1,016,000	\$ 4,707,000

Full Annual Operating Budget Impact

	Fund	Department	Amount	AP's
Revenue				
Personnel Costs				
Operating Costs				
Total				

Impact Comments: This is a programmable project and will not incur operational costs.

Project Details

Plan	Chapter	Category	Department	Council District
General	Transportation	Street Maint	Transportation & Public Works	Citywide

Project Name: Pavement Manangement - Reclamation

Description: Programmable project with funding set aside to address pavement management reclamation.

Justification: Pavement Management Reclamation Program will be utilized to address neighborhood streets that are in poor or failed condition. There are approximately 217 lane miles that fall in this category. In-house crews will complete an estimated 2 lane miles, which equates to 8 blocks of neighborhood streets annually. Reclamation of these streets will close a critical safety gap in the street's infrastructure by addressing streets that do not have priority in the Bond Program.

Projected Date Range: Programmable

Project Request	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Pavement Mgmt - Reclamation P_P00125	\$ 500,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 2,500,000

Funding Source	FY2020	FY2021	FY2022	FY2023	FY2024	Total
General Fund	500,000	500,000	500,000	500,000	500,000	2,500,000
Total	\$ 500,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 2,500,000

Full Annual Operating Budget Impact

	Fund	Department	Amount	AP's
Revenue				
Personnel Costs				
Operating Costs				
Total				

Impact Comments: This capital programmable project will not incur operational costs.

Project Details

Plan	Chapter	Category	Department	Council District
General	Transportation	Street Maint	Transportation & Public Works	Citywide

Project Name: Pavement Markings

Description: Programmable project with funding set aside to address aging and non-existent Pavement Markings citywide. This additional funding will improve the life cycle of pavement markings from 10 years to under 8 years, producing approximately an additional 360,000 linear feet of new pavement markings annually for 5 years to enhance pedestrian and motorist safety.

Justification: Pavement Markings replacement and installation is part of the Street System Capital Improvement Strategy and is driven by its mission to provide a safe and reliable street system for effective movement of people, goods and services. The CIP is developed from many funding sources from within the City as well as external sources.

Projected Date Range: Programmable

Project Request	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Pavement Markings P_P00126	\$ 1,398,000	\$ 1,398,000	\$ 1,398,000	\$ 1,398,000	\$ 1,398,000	\$ 6,990,000

Funding Source	FY2020	FY2021	FY2022	FY2023	FY2024	Total
General Fund	1,398,000	1,398,000	1,398,000	1,398,000	1,398,000	6,990,000
Total	\$ 1,398,000	\$ 1,398,000	\$ 1,398,000	\$ 1,398,000	\$ 1,398,000	\$ 6,990,000

Full Annual Operating Budget Impact

	Fund	Department	Amount	AP's
Revenue				
Personnel Costs				
Operating Costs				
Total				

Impact Comments: This capital programmable project will not incur operational costs.

Project Details

Plan	Chapter	Category	Department	Council District
General	Transportation	Traffic Signals	Transportation & Public Works	Citywide

Project Name: Traffic Signals – 2018 Bond

Description: These improvements will be part of the 2018 Bond Program and will include traffic signal replacement and maintenance throughout the City.

Justification: Traffic Signals is part of the Street System Capital Improvement Strategy, driven by its mission to provide a safe and reliable street system for effective movement of people, goods and services.

Projected Date Range: Programmable

Project Request	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Traffic Signals P_PB0006	\$ 3,000,000	\$ 2,650,000	\$ -	\$ -	\$ -	\$ 5,650,000

Funding Source	FY2020	FY2021	FY2022	FY2023	FY2024	Total
2018 Bond Program	3,000,000	2,650,000	-	-	-	5,650,000
Total	\$ 3,000,000	\$ 2,650,000	\$ -	\$ -	\$ -	\$ 5,650,000

Full Annual Operating Budget Impact

	Fund	Department	Amount	AP's
Revenue				
Personnel Costs				
Operating Costs				
Total				

Impact Comments: This is a programmable project and will not incur operational costs.

Project Details

Plan	Chapter	Category	Department	Council District
General	Transportation	Traffic Signals	Transportation & Public Works	Citywide

Project Name: Traffic System Maintenance

Description: Programmable project with funding set aside to address routine Traffic System Maintenance.

Justification: Traffic System Maintenance is part of the Street System Capital Improvement Strategy and is driven by its mission to provide a safe and reliable street system for effective movement of people, goods and services.

Projected Date Range: Programmable

Project Request	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Traffic System Maintenance P_P00021	\$ 5,592,000	\$ 5,815,000	\$ 6,047,000	\$ 6,288,000	\$ 6,539,000	\$ 30,281,000

Funding Source	FY2020	FY2021	FY2022	FY2023	FY2024	Total
General Fund	5,592,000	5,815,000	6,047,000	6,288,000	6,539,000	30,281,000
Total	\$ 5,592,000	\$ 5,815,000	\$ 6,047,000	\$ 6,288,000	\$ 6,539,000	\$ 30,281,000

Full Annual Operating Budget Impact

	Fund	Department	Amount	AP's
Revenue				
Personnel Costs				
Operating Costs				
Total				

Impact Comments: This is a programmable project and will not incur operational costs.

Solid Waste

FY 2020 – 2024

5 Year Capital Improvement Plan

Solid Waste 5 Year Capital Improvement Plan

Solid Waste 5 Year Capital Improvement Plan Summary

OVERVIEW

Prior to 2003, the City collected residential garbage. Through a competitive purchasing process, the City selected a private contractor to replace City services. Commercial collection is open market and customers can choose their own contractor. Single-family residents receive once-a-week garbage, yard trimmings and recycling services and once a month bulk collections as a part of their monthly city utility bill. At the beginning Fiscal Year 2019, there were approximately 225,822 residential customers, and 232,320 residential garbage carts in distribution (there are customers who pay to have additional carts). The City uses a Pay-As-You-Throw (PAYT) system where residents are billed by garbage cart size with recycle carts, yard trimmings and bulk provided free of charge, but subject to weekly setout limits. Most solid waste contracts run in 10 year increments. The collection program contract was renegotiated in 2013 and will be up for review again in 2023.

The Code Compliance Department - Solid Waste Services manages the private contracts and provides other core services. Solid Waste Services consists of three primary sections: Contract Compliance, Litter and Illegal Dumping Operations and the Citizens Drop-off Stations.

The Contract Compliance Section is responsible for overseeing multiple City contracts for the residential solid waste collection and recycle processing services provided by Waste Management, as well as operations of the City's Southeast Landfill and transportation services for drop-off station containers provided by Republic Services. Solid Waste Services also manages the Grants of Privilege Program for authorized and permitted commercial solid waste haulers. This program collects 5% of the contractor's gross receipts and is transferred to the General Fund for street repairs and maintenance.

The Litter and Illegal Dumping Operations section is responsible for overseeing and responding to reported illegal dump complaints or sites, dead animal collections, litter abatement and related code enforcement activities. Code enforcement officers dedicate approximately 40% of their time to solid waste education, enforcement and abatement. This results in a transfer from the Solid Waste Fund to the General to pay for this portion of their salary and benefits.

The Citizens Drop-off Station section coordinates and manages the four existing Citizens Drop-off Stations. The Drop-off Stations are accessible for all Fort Worth residential solid waste customers to dispose of and recycle materials that are accepted in the residential collection program. They provide a convenient and accessible solution for higher volumes of waste that is produced during landscaping, move in/move out, spring cleaning, etc. Since the Drop-off Stations were built, illegal dumping has dropped significantly.

CAPITAL IMPROVEMENT STRATEGY

The development and implementation of the 5-year CIP will assure that the Solid Waste Fund is managed to flatten industry-based and cyclical environmental events and minimize residential rate fluctuations between major contracted services, program enhancements and capital projects. In 2014, the City began a long journey to update and revise Fort Worth's existing Solid Waste Plan (CSWMP). The previous plan was developed in 1995; nonetheless, the world has changed significantly since then. The new plan outlines future improvements, programs and new technology for providing a safe and cost effective/integrated solid waste program through 2037. The 2017-2037 Comprehensive Solid Waste Management Plan was unanimously adopted by City Council on September 12, 2017. Some of the plans findings and recommendations are included as part of the 5-year CIP Plan.

Solid Waste 5 Year Capital Improvement Plan

CAPITAL REVENUE SOURCES

Fund Balance

The Solid Waste Enterprise Fund balance serves as a source of cash funding for capital projects in order to meet the City of Fort Worth's 20 year solid waste and related environmental program needs.

Residential Service Fee

Residents pay a monthly Solid Waste Services fee based on the size of their trash cart, for any extra bags of trash (\$10 per bag or stickered bags) and for all non-compliant bulk or brush piles (\$65.00 for each five cubic yards of material, plus a one-time administration fee of \$10.00 per collection). The majority of the year-over-year increases in annual revenue is generated by new growth of households receiving service.

SELF Lease Payment

Since the Southeast Landfill (SELF) is owned by the City and contracted with Republic Services for operational lease and management aspects, the City receives monthly lease payments from Republic Services. The estimated base annual rent is \$812,500 and the estimated annual variable rent is \$2,454,111.

Solid Waste 5 Year Capital Improvement Plan

Solid Waste 5 Year Capital Improvement Plan – Chapter Summary

Solid Waste Plan	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Capital Outlay	575,000	1,175,000	675,000	650,000	650,000	3,725,000
City Facilities	300,000	1,585,000	1,965,000	21,040,000	1,875,000	26,765,000
Waste & Litter Mgmt	-	1,505,000	1,110,000	2,110,000	5,015,000	9,740,000
Total Plan	\$ 875,000	\$ 4,265,000	\$ 3,750,000	\$ 23,800,000	\$ 7,540,000	\$ 40,230,000

Funding Source	FY2020	FY2021	FY2022	FY2023	FY2024	Total
General Fund Capital Interfund Transfer Out	300,000	-	-	-	-	300,000
Environmental Protection Capital Interfund Transfer Out	-	1,430,000	1,795,000	1,680,000	1,705,000	6,610,000
Solid Waste Capital Intrafund Transfer Out	575,000	2,835,000	1,955,000	22,120,000	5,835,000	33,320,000
Total Funding Source	\$ 875,000	\$ 4,265,000	\$ 3,750,000	\$ 23,800,000	\$ 7,540,000	\$ 40,230,000

Solid Waste Capital Improvement Plan

Capital Outlay Chapter

Chapter	Capital Category	Project	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Capital Outlay	Equipment	Litter Prevention - Streetscape Pedestrian Container Campaign	-	500,000	-	-	-	500,000
	Vehicles	Code Annual Fleet Upgrade P_P00117	-	75,000	75,000	75,000	75,000	300,000
		Vehicles & Equipment-Solid Was P_P00041	575,000	600,000	600,000	575,000	575,000	2,925,000
Chapter Total			\$ 575,000	\$ 1,175,000	\$ 675,000	\$ 650,000	\$ 650,000	\$ 3,725,000

Funding Source	Funding Type	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Solid Waste	Capital Intrafund Transfer Out	575,000	1,175,000	675,000	650,000	650,000	3,725,000
Total Funding Source		\$ 575,000	\$ 1,175,000	\$ 675,000	\$ 650,000	\$ 650,000	\$ 3,725,000

Project Details

Plan	Chapter	Category	Department	Council District
Solid Waste	Capital Outlay	Equipment	Code Compliance	Citywide

Project Name: Litter Prevention - Streetscape Pedestrian Container Campaign

Description: Install 275+ Big Belly Trash Compactor units or other identified containers throughout strategic locations to aid in litter prevention.

Justification: The Code Compliance Department has taken on the City’s litter prevention and collection program in support of the City’s Stormwater Permit and Environmental Management efforts, and the need for additional community-based trash and/or recycling containers has been identified by the Solid Waste team. The solar powered Big Belly units offer operational effectiveness as well as educational messaging associated with a citywide litter prevention program. These units or other identified “streetscape” pedestrian containers will be strategically placed or coordinated with the appropriate City departments so that trash and/or recyclables are contained until serviced instead of becoming litter all across the City, streets, parks, creeks and neighborhoods.

Projected Date Range: FY 2021

Project Request	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Litter Prevention - Streetscape Pedestrian Container Campaign	\$ -	\$ 500,000	\$ -	\$ -	\$ -	\$ 500,000

Funding Source	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Solid Waste	-	500,000	-	-	-	500,000
Total	\$ -	\$ 500,000	\$ -	\$ -	\$ -	\$ 500,000

Full Annual Operating Budget Impact

	Fund	Department	Amount	AP's
Revenue				
Personnel Costs				
Operating Costs				
Total				

Impact Comments: Upon department of these streetscape trash and recycling containers, ongoing operational costs would include: a monthly per container collection fee (estimated \$49/container) based on actual service frequency (\$161,700 per year) and an annual per container repair and maintenance allocations of \$275 (\$75,625 per year).

Project Details

Plan	Chapter	Category	Department	Council District
Solid Waste	Capital Outlay	Vehicles	Code Compliance	Citywide

Project Name: Vehicles & Equipment-Solid Was

Description: Acquisition of new equipment and vehicles.

Justification: Equipment and vehicle replacement will allow the Litter and Illegal Dumping crews as well as that of the DOS/HHW and ECC to maintain and/or increase their productivity in delivering their respective services to the community.

Projected Date Range: Programmable

Project Request	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Vehicles & Equipment-Solid Was P_P00041	\$ 575,000	\$ 600,000	\$ 600,000	\$ 575,000	\$ 575,000	\$ 2,925,000

Funding Source	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Solid Waste	575,000	600,000	600,000	575,000	575,000	2,925,000
Total	\$ 575,000	\$ 600,000	\$ 600,000	\$ 575,000	\$ 575,000	\$ 2,925,000

Full Annual Operating Budget Impact

	Fund	Department	Amount	AP's
Revenue				
Personnel Costs				
Operating Costs				
Total				

Impact Comments: This is a programmable project and will not incur operational costs.

Project Details

Plan	Chapter	Category	Department	Council District
Solid Waste	Capital Outlay	Vehicles	Code Compliance	Citywide

Project Name: Code Annual Fleet Upgrade

Description: Annual Fleet Upgrade (3 each year)

Justification: It is essential for internal staff to have adequate transportation and safe equipment to perform their job. Each vehicle has a required ten year lifespan to meet the fleet replacement standards. Grant funded vehicles are not included; these vehicles are replaced through grant funding.

Projected Date Range: FY2021 – FY2024

Project Request	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Code Annual Fleet Upgrade P_P00117	\$ -	\$ 75,000	\$ 75,000	\$ 75,000	\$ 75,000	\$ 300,000

Funding Source	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Total	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Full Annual Operating Budget Impact

	Fund	Department	Amount	AP's
Revenue				
Personnel Costs				
Operating Costs				
Total				

Impact Comments: This project will incur normal vehicle operational costs of fuel, maintenance, and repairs.

Solid Waste Capital Improvement Plan

City Facilities Chapter

Chapter	Capital Category	Project	FY2020	FY2021	FY2022	FY2023	FY2024	Total
City Facilities	Facility Improvements	Projects for removal of hazard P_P00042	300,000	1,355,000	1,575,000	1,375,000	1,645,000	6,250,000
		Water Field Operations Stormwater Quality Improvement Project	-	-	75,000	200,000	-	275,000
		City-Generated Hazardous Waste Site Compliance Evaluation Project	-	-	85,000	45,000	-	130,000
		Rifle & Pistol Club Soil Remed	-	50,000	50,000	50,000	50,000	200,000
	Studies	Petrol Storage Tank Imp	-	120,000	120,000	120,000	120,000	480,000
		5th Westside Drop Off Station	-	-	-	10,000,000	-	10,000,000
		Brennan/DOS Conversion to T-station	-	60,000	60,000	3,250,000	60,000	3,430,000
		ECC Improvements/Expansion	-	-	-	6,000,000	-	6,000,000
Chapter Total			\$ 300,000	\$ 1,585,000	\$ 1,965,000	\$ 21,040,000	\$ 1,875,000	\$ 26,765,000

Funding Source	Funding Type	FY2020	FY2021	FY2022	FY2023	FY2024	Total
General Fund	Capital Interfund Transfer Out	300,000	-	-	-	-	300,000
Environmental Protection	Capital Interfund Transfer Out	-	1,355,000	1,735,000	1,620,000	1,645,000	6,355,000
Solid Waste	Capital Intrafund Transfer Out	-	230,000	230,000	19,420,000	230,000	20,110,000
Total Funding Source		\$ 300,000	\$ 1,585,000	\$ 1,965,000	\$ 21,040,000	\$ 1,875,000	\$ 26,765,000

Project Details

Plan	Chapter	Category	Department	Council District
Solid Waste	City Facilities	Facility Improvements	Code Compliance	Citywide

Project Name: Projects for Removal of Hazard

Description: These funds are used for the removal of environmental hazards.

Justification: The City of Fort Worth owns facilities that contain asbestos which must be abated as well as several land and water quality issues that require remediation.

Projected Date Range: Programmable

Project Request	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Projects for removal of hazard P_P00042	\$ 300,000	\$ 1,355,000	\$ 1,575,000	\$ 1,375,000	\$ 1,645,000	\$ 6,250,000

Funding Source	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Environmental Protection	-	1,355,000	1,575,000	1,375,000	1,645,000	5,950,000
Total	\$ -	\$ 1,355,000	\$ 1,575,000	\$ 1,375,000	\$ 1,645,000	\$ 5,950,000

Full Annual Operating Budget Impact

	Fund	Department	Amount	AP's
Revenue				
Personnel Costs				
Operating Costs				
Total				

Impact Comments: This is a programmable project and will not incur operational costs.

Project Details

Plan	Chapter	Category	Department	Council District
Solid Waste	City Facilities	Facility Improvements	Code Compliance	Citywide

Project Name: Water Field Operations Stormwater Quality Improvement Project

Description: Evaluate and implement site-appropriate best management practices (BMPs) including surfacing with impervious materials, grading, and on-site capture of contaminated fluids.

Justification: Fluids and spills from the equipment runs easily offsite into the nearest storm drain inlet, which leads directly to the Clear Fork of the Trinity River. This project addresses these stormwater concerns by improving the overall stormwater quality leaving the site by capturing pollutants before they flow offsite and into the river.

Projected Date Range: FY 2022 – FY 2023

Project Request	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Water Field Operations Stormwater Quality Improvement Project	\$ -	\$ -	\$ 75,000	\$ 200,000	\$ -	\$ 275,000

Funding Source	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Environmental Protection	-	-	75,000	200,000	-	275,000
Total	\$ -	\$ -	\$ 75,000	\$ 200,000	\$ -	\$ 275,000

Full Annual Operating Budget Impact

	Fund	Department	Amount	AP's
Revenue				
Personnel Costs				
Operating Costs				
Total				

Impact Comments: This project will not incur operational costs.

Project Details

Plan	Chapter	Category	Department	Council District
Solid Waste	City Facilities	Facility Improvements	Code Compliance	Citywide

Project Name: City-Generated Hazardous Waste Site Compliance Evaluation Project

Description: Conduct site audits of each facility generating any hazardous, non-hazardous, universal, or special/biological wastes to determine compliance as it relates to storage, tracking, signage, security, and quantity generated.

Justification: The City currently has approximately 60 physical locations which periodically generate hazardous waste thus triggering state and federal requirements for proper disposal. This project will identify each site and evaluate the waste characteristics of each as it relates to the compliance with applicable state and federal regulations.

Projected Date Range: FY 2022 – FY 2023

Project Request	FY2020	FY2021	FY2022	FY2023	FY2024	Total
City-Generated Hazardous Waste Site Compliance Evaluation Project	\$ -	\$ -	\$ 85,000	\$ 45,000	\$ -	\$ 130,000

Funding Source	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Environmental Protection	-	-	85,000	45,000	-	130,000
Total	\$ -	\$ -	\$ 85,000	\$ 45,000	\$ -	\$ 130,000

Full Annual Operating Budget Impact

	Fund	Department	Amount	AP's
Revenue				
Personnel Costs				
Operating Costs				
Total				

Impact Comments: This project will not incur operational costs.

Project Details

Plan	Chapter	Category	Department	Council District
Solid Waste	City Facilities	Facility Improvements	Code Compliance	Council District 7

Project Name: Rifle & Pistol Club Soil Remediation

Description: Soil remediation and decontamination of the former Fort Worth Rifle and Pistol Club site.

Justification: The former Fort Worth Rifle and Pistol Club site was an active pistol, rifle, and shotgun range from approximately 1950 to 1999. There are various backstop and side berms located throughout the property that were used to contain used rounds. The shotgun ranges are open spaces with various wooded areas. Lead contamination originating from the spent bullets and shot exists in the remaining backstop berms and in the shotgun ranges across the project site. Soil remediation is required for any changes to the property to occur.

Projected Date Range: FY2021 – FY2024

Project Request	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Rifle & Pistol Club Soil Remed	\$ -	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 200,000

Funding Source	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Solid Waste	-	50,000	50,000	50,000	50,000	200,000
Total	\$ -	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 200,000

Full Annual Operating Budget Impact

	Fund	Department	Amount	AP's
Revenue				
Personnel Costs				
Operating Costs				
Total				

Impact Comments: This project will not incur operational costs.

Project Details

Plan	Chapter	Category	Department	Council District
Solid Waste	City Facilities	Facility Improvements	Code Compliance	Citywide

Project Name: Petroleum Storage Tank Improvements

Description: The Code Compliance Department Environmental Quality Division is responsible for ensuring city sites are in regulatory compliance with state law.

Justification: The City of Fort Worth Property Management Department is currently tasked with providing the fleet of City of Fort Worth vehicles fueling services through the strategic placement of aboveground (AST) and underground storage tanks (UST) located a various City-owned facilities. The Code Compliance Department Environmental Quality Division is responsible for ensuring these sites are in regulatory compliance with state law. Several of the sites are currently equipped with outdated or obsolete automatic tank gauging and fuel monitoring systems and have occasionally malfunctioned creating regulatory compliance issues.

Projected Date Range: FY 2021 – FY 2024

Project Request	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Petrol Storage Tank Imp	\$ -	\$ 120,000	\$ 120,000	\$ 120,000	\$ 120,000	\$ 480,000

Funding Source	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Solid Waste	-	240,000	240,000	240,000	240,000	960,000
Solid Waste	-	240,000	240,000	240,000	240,000	960,000

Full Annual Operating Budget Impact

	Fund	Department	Amount	AP's
Revenue				
Personnel Costs				
Operating Costs				
Total				

Impact Comments: This capital project will not incur operational costs.

Project Details

Plan	Chapter	Category	Department	Council District
Solid Waste	City Facilities	Studies	Code Compliance	Citywide

Project Name: 5th Westside Drop Off Station

Description: Conduct feasibility and financial analysis for implementing additional DOS.

Justification: As identified by citizen’s request and supported by staff and the CSWMP consultant, the fifth (5th) citizen’s DOS will need to be designed, located and implemented along the western side of the City within the next one (1) to four (4) years. Staff hopes to work in conjunction with another commercial solid waste vendor to co-locate or develop a public-private partnership in developing the next DOS, building synergy and long term cost savings. However, if a beneficial partnership cannot be executed in a timely manner, the City will need to advance this project solely after securing the appropriate land.

Projected Date Range: FY2023

Project Request	FY2020	FY2021	FY2022	FY2023	FY2024	Total
5th Westside Drop Off Station	\$ -	\$ -	\$ -	\$ 10,000,000	\$ -	\$ 10,000,000

Funding Source	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Solid Waste	-	-	-	10,000,000	-	10,000,000
Total	\$ -	\$ -	\$ -	\$ 10,000,000	\$ -	\$ 10,000,000

Full Annual Operating Budget Impact

	Fund	Department	Amount	AP's
Revenue				
Personnel Costs				
Operating Costs				
Total				

Impact Comments: As part of this feasibility project, the additional personnel and the projected annual operating costs would be included in the overall project proposal, which would need to be advanced and approved upon completion of the project. In addition, the project would include projected savings to our current Drop Off Station program, with material and visitors shifting from one of the current four (4) sites to the new fifth (5th) site. In reality, the associated budget/funding projection should be allocated out over various years and broken down into projected costs for feasibility study, purchasing necessary land (to secure the land), conceptual site design and operational plan, and necessary equipment and staffing recommended upon construction and implementing the new site.

Project Details

Plan	Chapter	Category	Department	Council District
Solid Waste	City Facilities	Studies	Code Compliance	Council District 2

Project Name: Brennan/DOS Conversion to T-station

Description: Develop environmental engineering design/construction plan to convert the Brennan drop-off station to allow small businesses, property owners and commercial clean-up crews to dispose of their non-compacted commercial solid waste alongside citizen residential volumes.

Justification: Based on the low-volume commercial transfer station study, the benefits of converting an existing Drop-off Station (currently Brennan) to allow small businesses, property owners and commercial clean-up crews to dispose of their non-compacted commercial solid waste in parallel with the citizens residential volumes. Since the commercial businesses do not currently support the DOS through fees, a future fee structure may be necessary.

Projected Date Range: FY2021 – FY2024

Project Request	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Brennan/DOS Conversion to T-station	\$ -	\$ 60,000	\$ 60,000	\$ 3,250,000	\$ 60,000	\$ 3,430,000

Funding Source	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Solid Waste	-	60,000	60,000	3,250,000	60,000	3,430,000
Total	\$ -	\$ 60,000	\$ 60,000	\$ 3,250,000	\$ 60,000	\$ 3,430,000

Full Annual Operating Budget Impact

	Fund	Department	Amount	AP's
Revenue				
Personnel Costs				
Operating Costs				
Total				

Impact Comments: The final project will include identifying any additional personnel, site equipment, design and construction costs and the projected annual operating costs difference, which would need to be advanced and approved upon completion of the project. In addition, the project would include projected revenues received by allowing small commercial volumes of waste to be disposed at the site. The current funding request is a preliminary construction-only estimate based on conception discussions with waste/engineering consultants.

Project Details

Plan	Chapter	Category	Department	Council District
Solid Waste	City Facilities	Studies	Code Compliance	Citywide

Project Name: **Enivonmental Collection Center (ECC) Improvements Expansion**

Description: Long range plan to address the growth potential and alternatives for maintaining the ECC under the current site and operation plan, expanding the current site or the benefit to build a new facility. In addition, the current capital outlay, is based on the need to purchase additional land next to the current site or a new track of land, as well as a conceptual design and construction cost.

Justification: The City is interested in researching the potential alternatives for expansion of the facility and its capabilities. As required within the City’s MS4 Permit, the ECC serve as the most cost effective method to prevent residents of improperly disposing of their household chemicals and helps to avoid entering our storm drains and water shed. This project, will help develop the best approach for the next 20+ years and insure the City’s compliance to State and Federal mandates, while off-setting our costs by continuing to partner with additional member cities through appropriate service fees.

Projected Date Range: FY 2023

Project Request	FY2020	FY2021	FY2022	FY2023	FY2024	Total
ECC Improvements/Expansion	\$ -	\$ -	\$ -	\$ 6,000,000	\$ -	\$ 6,000,000

Funding Source	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Solid Waste	-	-	-	6,000,000	-	6,000,000
Total	\$ -	\$ -	\$ -	\$ 6,000,000	\$ -	\$ 6,000,000

Full Annual Operating Budget Impact

	Fund	Department	Amount	AP's
Revenue				
Personnel Costs				
Operating Costs				
Total				

Impact Comments: As part of this evaluation/expansion project, the additional personnel and the projected annual operating costs would be included in the final project proposal options. In addition, the project would include projected savings to our current ECC program, with improved operational lay-outs, processing and traffic patterns.

Solid Waste Capital Improvement Plan

Waste and Litter Management Chapter

Chapter	Capital Category	Project	FY2020	FY2021	FY2022	FY2023	FY2024	Total	
Waste & Litter Mgmt	Education	Litter Prevention Education P_100601	-	75,000	60,000	60,000	60,000	255,000	
		Enviro Compliance Education	-	50,000	-	-	-	50,000	
	Equipment	Floatable Control Devices	-	300,000	150,000	120,000	1,400,000	1,970,000	
		Facility Improvements	SWM Plan & CB Diversion Prog P_101207	-	250,000	125,000	85,000	250,000	710,000
	Studies		Echo Lake Park Soil Remediation	-	-	300,000	-	-	300,000
			City Facility Imp Air Water Quality	-	-	200,000	200,000	200,000	600,000
			Regional Air Quality Monitoring Imp	-	-	-	250,000	250,000	500,000
			Urban Lakes Enviro Assessments	-	-	-	-	900,000	900,000
			VCWRF Drying Beds Evaluation	-	-	-	-	550,000	550,000
			Res Organic Recycling Collecti P_101212	-	-	-	175,000	-	175,000
			Commercial C&D, Compost or Biosolids Feasibility Study	-	-	-	125,000	-	125,000
			10 Year Strategic Communications Plan for Recycling & Diversion	-	-	-	150,000	-	150,000
			Compost or Biosolids Feasibility Study	-	200,000	-	-	-	200,000
			Watershed Mgmt Greenspace Resto	-	155,000	200,000	460,000	380,000	1,195,000
		Greenhouse Gas Emmisions	-	75,000	-	-	-	75,000	
		Air Quality Sustainability Plan	-	150,000	-	-	-	150,000	
		Street Sweeping Improvements	-	250,000	-	410,000	700,000	1,360,000	
		City Facility Enviro Assessments	-	-	75,000	75,000	75,000	225,000	
		Air Quality Monitoring Pilot	-	-	-	-	250,000	250,000	
	Chapter Total			\$ -	\$ 1,505,000	\$ 1,110,000	\$ 2,110,000	\$ 5,015,000	\$ 9,740,000

Funding Source	Funding Type	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Environmental Protection	Capital Interfund Transfer Out	-	75,000	60,000	60,000	60,000	255,000
Solid Waste	Capital Intrafund Transfer Out	-	1,430,000	1,050,000	2,050,000	4,955,000	9,485,000
Total Funding Source		\$ -	\$ 1,505,000	\$ 1,110,000	\$ 2,110,000	\$ 5,015,000	\$ 9,740,000

Project Details

Plan	Chapter	Category	Department	Council District
Solid Waste	Waste & Litter Mgmt	Education	Code Compliance	Citywide

Project Name: Litter Prevention Education

Description: Develop litter prevention messages and strategies based on age-appropriateness, cultural influence, and media applicability for the litter campaign.

Justification: Renewed emphasis on litter abatement and litter prevention in the City of Fort Worth includes a wide-reaching, multi-media public education and outreach campaign. The campaign is intended to reach all ages and demographics using multiple communication platforms including traditional and social media, educational programs, and public engagement events.

Projected Date Range: FY2021 - FY2024

Project Request	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Litter Prevention Education P_100601	\$ -	\$ 75,000	\$ 60,000	\$ 60,000	\$ 60,000	\$ 255,000

Funding Source	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Environmental Protection	-	75,000	60,000	60,000	60,000	255,000
Total	\$ -	\$ 75,000	\$ 60,000	\$ 60,000	\$ 60,000	\$ 255,000

Full Annual Operating Budget Impact

	Fund	Department	Amount	AP's
Revenue				
Personnel Costs				
Operating Costs				
Total				

Impact Comments: This project will not incur operational costs.

Project Details

Plan	Chapter	Category	Department	Council District
Solid Waste	Waste & Litter Mgmt	Education	Code Compliance	Citywide

Project Name: Environmental Compliance Education

Description: Develop an environmental quality education course for city staff and public.

Justification: Development of environmental quality education course for city staff and public is needed for compliance with federal/state regulations for water quality and hazardous materials management. The Municipal Separate Storm Sewer System (MS4) Permit requires citywide staff training programs be developed and implemented. To build efficiency, use of video trainings and tailored modules for target job classifications are needed to protect against stormwater pollution. In addition, training is required for staff who interact with hazardous materials and hazardous wastes.

Projected Date Range: FY2021

Project Request	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Enviro Compliance Education	\$ -	\$ 50,000	\$ -	\$ -	\$ -	\$ 50,000

Funding Source	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Solid Waste	-	50,000	-	-	-	50,000
Total	\$ -	\$ 50,000	\$ -	\$ -	\$ -	\$ 50,000

Full Annual Operating Budget Impact

	Fund	Department	Amount	AP's
Revenue				
Personnel Costs				
Operating Costs				
Total				

Impact Comments: This project will not incur operational costs.

Project Details

Plan	Chapter	Category	Department	Council District
Solid Waste	Waste & Litter Mgmt	Equipment	Code Compliance	Citywide

Project Name: Floatable Control Devices

Description: In an effort to protect waterways and to control litter –which becomes floatables after reaching the river – this funding provides for structural controls to capture floatables (trash) at major tributaries of the Trinity River.

Justification: In an effort to protect waterways and to control litter –which becomes floatables after reaching the river – this funding provides for structural controls to capture floatables (trash) at major tributaries of the Trinity River. Options considered include removable booms and litter nets at problem outfalls. Control funding includes the design and construction costs for approximately 15-20 locations.

Projected Date Range: FY2021 – FY2024

Project Request	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Floatable Control Devices	\$ -	\$ 300,000	\$ 150,000	\$ 120,000	\$ 1,400,000	\$ 1,970,000

Funding Source	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Solid Waste	-	300,000	150,000	120,000	1,400,000	1,970,000
Total	\$ -	\$ 300,000	\$ 150,000	\$ 120,000	\$ 1,400,000	\$ 1,970,000

Full Annual Operating Budget Impact

	Fund	Department	Amount	AP's
Revenue				
Personnel Costs				
Operating Costs				
Total				

Impact Comments: This project will not incur operational costs.

Project Details

Plan	Chapter	Category	Department	Council District
Solid Waste	Waste & Litter Mgmt	Facility Improvements	Code Compliance	Citywide

Project Name: SWM Plan & CB Diversion Prog

Description: Upon the adoption and advancement of the 2017-2037 CSWMP, each fiscal year the next three to five key Action Items and recommendations will be prioritized and supported with further evaluation and determining the benefits and necessary resources following the final evaluation plan. The actual three to five Action Items will be selected from the list based on real time benefits, technology, and impacts balanced with short-term implementation strategies within preserving the Southeast Landfill, increasing the commercial and residential recycling opportunities, and improving the overall residential services with future enhancements and new technology - providing a safe and cost effective/integrated solid waste program through 2037.

Justification: Funding and evaluating the continued advancement of the remaining 130 Action Items included in the 2017-2037 CSWMP will help preserve the life of the City’s SELF and postpone the need for siting, permitting and designing a new landfill, which is the most costly project within the City’s Solid Waste Fund. Without funding of these initiatives, programs and services will have a direct impact of the life of the City’s Southeast Landfill, residential services fees (rates) and overall cost effective services provided to the community.

Projected Date Range: FY2021 - FY2024

Project Request	FY2020	FY2021	FY2022	FY2023	FY2024	Total
SWM Plan & CB Diversion Prog P_101207	\$ -	\$ 250,000	\$ 125,000	\$ 85,000	\$ 250,000	\$ 710,000

Funding Source	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Solid Waste	-	250,000	125,000	85,000	250,000	710,000
Total	\$ -	\$ 250,000	\$ 125,000	\$ 85,000	\$ 250,000	\$ 710,000

Full Annual Operating Budget Impact

	Fund	Department	Amount	AP's
Revenue				
Personnel Costs				
Operating Costs				
Total				

Impact Comments: At this point in time, additional details (ongoing cost or additional staff) are not reasonable to forecast.

Project Details

Plan	Chapter	Category	Department	Council District
Solid Waste	Waste & Litter Mgmt	Facility Improvements	Code Compliance	Council District 9

Project Name: Echo Lake Park Soil Remediation

Description: The project includes removal of contaminated soils from the northwestern portions of the park that were associated with a former shotgun range.

Justification: The project includes removal of contaminated soils from the northwestern portions of the park that were associated with a former shotgun range. It also includes subsurface soil removal and replacement. Lead is a contaminant of concern; exposure to lead can cause serious health problems, especially to children and pregnant women.

Projected Date Range: FY2022

Project Request	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Echo Lake Park Soil Remediation	\$ -	\$ -	\$ 300,000	\$ -	\$ -	\$ 300,000

Funding Source	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Solid Waste	-	-	300,000	-	-	300,000
Total	\$ -	\$ -	\$ 300,000	\$ -	\$ -	\$ 300,000

Full Annual Operating Budget Impact

	Fund	Department	Amount	AP's
Revenue				
Personnel Costs				
Operating Costs				
Total				

Impact Comments: This project will not incur operational costs.

Project Details

Plan	Chapter	Category	Department	Council District
Solid Waste	Waste & Litter Mgmt	Facility Improvements	Code Compliance	Citywide

Project Name: City Facility Imp Air Water Quality

Description: This project allows for improvements at city facilities in line with improving water quality and air quality.

Justification: Improvements are needed for stormwater treatment options and air quality control improvements. Common examples may include: fuel pump controls, emission treatment, rain gardens/bioswales, in-system treatment devices for stormwater, and inlet inserts, among others.

Projected Date Range: FY2022 – FY2024

Project Request	FY2020	FY2021	FY2022	FY2023	FY2024	Total
City Facility Imp Air Water Quality	\$ -	\$ -	\$ 200,000	\$ 200,000	\$ 200,000	\$ 600,000

Funding Source	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Solid Waste	-	-	200,000	200,000	200,000	600,000
Total	\$ -	\$ -	\$ 200,000	\$ 200,000	\$ 200,000	\$ 600,000

Full Annual Operating Budget Impact

	Fund	Department	Amount	AP's
Revenue				
Personnel Costs				
Operating Costs				
Total				

Impact Comments: This project will not incur operational costs.

Project Details

Plan	Chapter	Category	Department	Council District
Solid Waste	Waste & Litter Mgmt	Facility Improvements	Code Compliance	Citywide

Project Name: Regional Ambient Air Quality Monitoring Improvements

Description: This project promotes air quality network develop to fill gaps in current state-based systems.

Justification: This project promotes air quality network develop to fill gaps in current state-based systems. It provides for the opportunity to partner with the development of a regional, high-quality system which also expands network capability to support efforts to control air quality pollutants like ozone, particulate matter and nitrogen oxides, among others. It also provides the framework for public-private partnerships with healthcare providers and promotes a healthy community while gauging areas of concern for air quality in the community.

Projected Date Range: FY 2023 – FY 2024

Project Request	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Regional Air Quality Monitoring Imp	\$ -	\$ -	\$ -	\$ 250,000	\$ 250,000	\$ 500,000

Funding Source	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Solid Waste	-	-	-	250,000	250,000	500,000
Total	\$ -	\$ -	\$ -	\$ 250,000	\$ 250,000	\$ 500,000

Full Annual Operating Budget Impact

	Fund	Department	Amount	AP's
Revenue				
Personnel Costs				
Operating Costs				
Total				

Impact Comments: This capital project will not incur operational costs.

Project Details

Plan	Chapter	Category	Department	Council District
Solid Waste	Waste & Litter Mgmt	Facility Improvements	Code Compliance	Citywide

Project Name: Urban Lakes Enviro Assessments

Description: This project promotes cleaner and healthier urban lake environments.

Justification: Cost includes sampling and construction cleanup costs for seven urban lakes. Urban lakes include Como, Fosdic (Oakland), White, Luther, Echo, French and Greenbriar. Evaluation and subsequent remediation, as needed, provides enhanced water quality and removes pollution from the environment in public places.

Projected Date Range: FY2024

Project Request	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Urban Lakes Enviro Assessments	\$ -	\$ -	\$ -	\$ -	\$ 900,000	\$ 900,000

Funding Source	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Solid Waste	-	-	-	-	900,000	900,000
Total	\$ -	\$ -	\$ -	\$ -	\$ 900,000	\$ 900,000

Full Annual Operating Budget Impact

	Fund	Department	Amount	AP's
Revenue				
Personnel Costs				
Operating Costs				
Total				

Impact Comments: This project will not incur operational costs.

Project Details

Plan	Chapter	Category	Department	Council District
Solid Waste	Waste & Litter Mgmt	Facility Improvements	Code Compliance	Citywide

Project Name: VCWRF Drying Beds Evaluation

Description: This project remediated former drying beds, which will likely be used as wetlands or wildlife greenspace.

Justification: The cost includes evaluation and cleanup costs for each of the drying beds and removal of existing soil berms which are likely contaminated with polychlorinated biphenyls (PCBs). PCBs are concerning as a potential cancer-causing agent.

Projected Date Range: FY2024

Project Request	FY2020	FY2021	FY2022	FY2023	FY2024	Total
VCWRF Drying Beds Evaluation	\$ -	\$ -	\$ -	\$ -	\$ 550,000	\$ 550,000

Funding Source	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Solid Waste	-	-	-	-	550,000	550,000
Total	\$ -	\$ -	\$ -	\$ -	\$ 550,000	\$ 550,000

Full Annual Operating Budget Impact

	Fund	Department	Amount	AP's
Revenue				
Personnel Costs				
Operating Costs				
Total				

Impact Comments: This project will not incur operational costs.

Project Details

Plan	Chapter	Category	Department	Council District
Solid Waste	Waste & Litter Mgmt	Studies	Code Compliance	Citywide

Project Name: Residential Organic Recycling Collection

Description: Study to determine the feasibility of a residential organic-based recycling program.

Justification: In order to achieve the CSWMP goal of increasing the residential recycling rate to 30% or higher by 2021, the diversion of the residential food waste from the City landfill would be a meaningful contribution towards that objective. Given, however, the known difficulty of maintaining the residential organic (food) waste clean of contamination, and therefore appropriate for composting; achieving route density; and overcoming potential issues associated with the storage and collection of organic materials, a study to determine the feasibility of a residential organic-based recycling program - which also evaluates a subscription-based participation – should take place prior to a possible city-wide implementation of such a program.

Projected Date Range: FY 2023

Project Request	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Res Organic Recycling Collecti P_101212	\$ -	\$ -	\$ -	\$ 175,000	\$ -	\$ 175,000

Funding Source	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Solid Waste	-	-	-	175,000	-	175,000
Total	\$ -	\$ -	\$ -	\$ 175,000	\$ -	\$ 175,000

Full Annual Operating Budget Impact

	Fund	Department	Amount	AP's
Revenue				
Personnel Costs				
Operating Costs				
Total				

Impact Comments: As part of this feasibility project, the additional operational costs (collection carts & service fees) will be included based on recommended program concept (# of homes included, route areas targeted, processing location and options for food waste), as well as needed additional personnel to assist with education, coordination and supervisor of the pilot program. In addition, the project will include revenue (rate increases) projections based on voluntary, subscription and/or city-wide program implementation options.

Project Details

Plan	Chapter	Category	Department	Council District
Solid Waste	Waste & Litter Mgmt	Studies	Code Compliance	Citywide

Project Name: Commercial C&D, Compost or Biosolids Feasibility Study

Description: Feasibility study to determine the direct and indirect preservation impacts on the City’s Southeast Landfill through advancing a commercial C&D recycling operations and/or a commercial scale compost program in Fort Worth.

Justification: In order to advance the CSWMP’s goal of preserving the disposal capacity (self-life) of the City’s Southeast Landfill (targeting through 2060, instead of current 2040-2045), achieving 40% diversion of all municipal solid waste by 2023 and 60% diversion by 2030 through the implementation of either a commercial C&D recycling operation or a commercial scale compost program capable of handling bio solids or both will be crucial. In order to determine the feasibility and benefits to the Southeast Landfill, an in-depth study of the alternatives is critical, while evaluating internal opportunities between Solid Waste, Water and/or Parks & Recreation, and potential Public-Private partnerships.

Projected Date Range: FY2023

Project Request	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Commercial C&D, Compost or Biosolids Feasibility Study	\$ -	\$ -	\$ -	\$ 125,000	\$ -	\$ 125,000

Funding Source	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Solid Waste	-	-	-	125,000	-	125,000
Total	\$ -	\$ -	\$ -	\$ 125,000	\$ -	\$ 125,000

Full Annual Operating Budget Impact

	Fund	Department	Amount	AP's
Revenue				
Personnel Costs				
Operating Costs				
Total				

Impact Comments: This feasibility project will evaluate and project the various impacts on extending the life of the City’s Southeast Landfill through advancement of the listed programs. In addition, this project will assist in determining the cost and benefits of maximizing the disposal capacity of the City’s Southeast Landfill and alternative options and costs necessary to provide long term disposal for the City’s residential waste stream. One alternative that should be included is the value and willingness for the City to allow all disposal methods to be complete based on the commercial markets, and exit the landfill arena completely.

Project Details

Plan	Chapter	Category	Department	Council District
Solid Waste	Waste & Litter Mgmt	Studies	Code Compliance	Citywide

Project Name: 10 Year Strategic Communications Plan for Recycling & Diversion

Description: Development of the Solid Waste 10 Year Strategic Communications Plan

Justification: A communications plan is critical to the success of maintaining the Solid Waste programs and service levels, while implementing the 2017-2037 Comprehensive Solid Waste Management Plan and associated 130 action items. This plan focuses on determining and developing the residential service fees (rates) necessary to support community requirements. The monthly service fee has not been increased since 2007 and was reduced in 2014. This project includes establishing community focus groups to determine their direct willingness to acceptable rate increases or service level reductions.

Projected Date Range: FY 2023

Project Request	FY2020	FY2021	FY2022	FY2023	FY2024	Total
10 Year Strategic Communications Plan for Recycling & Diversion	\$ -	\$ -	\$ -	\$ 150,000	\$ -	\$ 150,000

Funding Source	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Solid Waste	-	-	-	150,000	-	150,000
Total	\$ -	\$ -	\$ -	\$ 150,000	\$ -	\$ 150,000

Full Annual Operating Budget Impact

	Fund	Department	Amount	AP's
Revenue				
Personnel Costs				
Operating Costs				
Total				

Impact Comments: The 10 Year Plan would identify the projected service fees that would be acceptable in the next five and following five years, based on community input and projected program costs. However, future project costs associated with this Plan would need to be identified and approved if and when there would be a direct shift from the planned services fees and program costs, instead of projecting future project costs. At this point in time, no additional staff would be foreseen, but could be determined and projected as part of the final 10 Year Plan.

Project Details

Plan	Chapter	Category	Department	Council District
Solid Waste	Waste & Litter Mgmt	Studies	Code Compliance	Citywide

Project Name: Compost or Biosolids Feasibility Study

Description: A feasibility study to determine if the City should develop an internal or private-public commercial composting operations for recycling the residential yard trimmings and organic (food) materials, commercial organic (food) volumes and/or the Water Department’s bio-solid materials into marketable composting products.

Justification: In order to achieve the CSWMP goal of increasing the residential recycling rate to 30% or higher by 2021, the diversion of the residential and commercial food waste from the City landfill would be a meaningful contribution towards that objective. In addition, the necessary commercial-based composting infrastructure does not currently exist within the Fort Worth area. Therefore, a feasibility study needs to be completed to evaluate the application, benefits and project costs of developing such a program either internally (similar to other cities) or through a public-private partnership (allowing the market to share in risk and rewards). This project could include beneficial aspects to the City’s Water Department, which should be involved for the greatest potential.

Projected Date Range: FY 2021

Project Request	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Compost or Biosolids Feasibility Study	\$ -	\$ 200,000	\$ -	\$ -	\$ -	\$ 200,000

Funding Source	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Solid Waste	-	200,000	-	-	-	200,000
Total	\$ -	\$ 200,000	\$ -	\$ -	\$ -	\$ 200,000

Full Annual Operating Budget Impact

	Fund	Department	Amount	AP's
Revenue				
Personnel Costs				
Operating Costs				
Total				

Impact Comments: As part of this feasibility project, the entire business plan would be developed to project all additional operational impacts.

Project Details

Plan	Chapter	Category	Department	Council District
Solid Waste	Waste & Litter Mgmt	Studies	Code Compliance	Citywide

Project Name: Watershed Management Greenspace Restoration

Description: Development of a city-wide assessment to prioritize efforts within watersheds.

Justification: Assessments will look at existing data to prioritize making a multi-year schedule for management plan development. Plans would utilize strategies to minimize or eliminate pollution sources. The project includes the city-wide assessment and management plans for individual watersheds. Additionally, plans will include greenspace acquisition for the preservation and improvement of water quality within the community. Plans will identify water quality improvements such as the restoration of habitats that include wetlands and areas with high water quality benefits, such as trail connections and park conversion. Greenspace could be utilized as potential park land and offer educational opportunities emphasizing the importance of water quality and our local watersheds.

Projected Date Range: FY2021 – FY2024

Project Request	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Watershed Mgmt Greenspace Resto	\$ -	\$ 155,000	\$ 200,000	\$ 460,000	\$ 380,000	\$ 1,195,000

Funding Source	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Solid Waste	-	155,000	200,000	460,000	380,000	1,195,000
Total	\$ -	\$ 155,000	\$ 200,000	\$ 460,000	\$ 380,000	\$ 1,195,000

Full Annual Operating Budget Impact

	Fund	Department	Amount	AP's
Revenue				
Personnel Costs				
Operating Costs				
Total				

Impact Comments: This project will not incur operational costs.

Project Details

Plan	Chapter	Category	Department	Council District
Solid Waste	Waste & Litter Mgmt	Studies	Code Compliance	Citywide

Project Name: Greenhouse Gas Emissions

Description: This project refers to a community-wide greenhouse gas emissions inventory that will occur every five years.

Justification: With this inventory the community will understand sources of emissions and be able to develop action plans which promote resiliency and air quality. It develops a baseline to measure progress on greenhouse gas emissions reductions in the community, in support of an air quality sustainability plan.

Projected Date Range: FY2021

Project Request	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Greenhouse Gas Emmisions	\$ -	\$ 75,000	\$ -	\$ -	\$ -	\$ 75,000

Funding Source	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Solid Waste	-	75,000	-	-	-	75,000
Total	\$ -	\$ 75,000	\$ -	\$ -	\$ -	\$ 75,000

Full Annual Operating Budget Impact

	Fund	Department	Amount	AP's
Revenue				
Personnel Costs				
Operating Costs				
Total				

Impact Comments: This project will not incur operational costs.

Project Details

Plan	Chapter	Category	Department	Council District
Solid Waste	Waste & Litter Mgmt	Studies	Code Compliance	Citywide

Project Name: Air Quality Sustainability Plan

Description: Development of a plan to determine best practices for maintaining air quality.

Justification: An Air Quality Sustainability Plan promotes a healthy community and quality of life and offers counsel and direction to city departments in determining best practices for maintaining air quality. It also explores grant opportunities and gathers grant funding to aid city projects in improving air quality and aids the City in developing and maintaining source control to promote air quality.

Projected Date Range: FY 2021

Project Request	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Air Quality Sustainability Plan	\$ -	\$ 150,000	\$ -	\$ -	\$ -	\$ 150,000

Funding Source	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Solid Waste	-	150,000	-	-	-	150,000
Total	\$ -	\$ 150,000	\$ -	\$ -	\$ -	\$ 150,000

Full Annual Operating Budget Impact

	Fund	Department	Amount	AP's
Revenue				
Personnel Costs				
Operating Costs				
Total				

Impact Comments: This capital project will not incur operational costs.

Project Details

Plan	Chapter	Category	Department	Council District
Solid Waste	Waste & Litter Mgmt	Studies	Code Compliance	Citywide

Project Name: Street Sweeping Improvements

Description: Pilot program focuses on specific gateway streets as well as selected problem areas.

Justification: The city-operated street sweeping program began in 2017 with the purchase of two large street sweepers and two small street sweepers. Pilot program focuses on specific gateway streets as well as selected problem areas. This program needs to expand citywide with a higher frequency of sweeping. Funding includes twenty-five sweepers working two 8-hour shifts, each day.

Projected Date Range: FY2021 – FY2024

Project Request	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Street Sweeping Improvements	\$ -	\$ 250,000	\$ -	\$ 410,000	\$ 700,000	\$ 1,360,000

Funding Source	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Solid Waste	-	250,000	-	410,000	700,000	1,360,000
Total	\$ -	\$ 250,000	\$ -	\$ 410,000	\$ 700,000	\$ 1,360,000

Full Annual Operating Budget Impact

	Fund	Department	Amount	AP's
Revenue				
Personnel Costs				
Operating Costs				
Total				

Impact Comments: This project will incur operational costs for the additional personnel of salaries, benefits, uniforms, etc.

Project Details

Plan	Chapter	Category	Department	Council District
Solid Waste	Waste & Litter Mgmt	Studies	Code Compliance	Citywide

Project Name: City Facility Environmental Assessments

Description: Environmental assessments at city facilities will promote environmental compliance and define future capital remediation projects and planning.

Justification: The assessments will include Phase I and Phase II environmental site assessments, as well as environmentally-engineered cleanup plans, as necessary, to build firm cost estimates for future capital planning and prioritization.

Projected Date Range: FY2022 – FY2024

Project Request	FY2020	FY2021	FY2022	FY2023	FY2024	Total
City Facility Enviro Assessments	\$ -	\$ -	\$ 75,000	\$ 75,000	\$ 75,000	\$ 225,000

Funding Source	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Solid Waste	-	-	75,000	75,000	75,000	225,000
Total	\$ -	\$ -	\$ 75,000	\$ 75,000	\$ 75,000	\$ 225,000

Full Annual Operating Budget Impact

	Fund	Department	Amount	AP's
Revenue				
Personnel Costs				
Operating Costs				
Total				

Impact Comments: This project will not incur operational costs.

Project Details

Plan	Chapter	Category	Department	Council District
Solid Waste	Waste & Litter Mgmt	Studies	Code Compliance	Citywide

Project Name: Air Quality Monitoring Pilot

Description: The local public transportation system and other public vehicles will be considered to collect air quality monitoring data for analysis and collaborative strategies to address areas of concern.

Justification: Following successes from other programs around the country, the local public transportation system and other public vehicles will be considered to collect air quality monitoring data for analysis and collaborative strategies to address areas of concern. Equipment costs can be piloted as vehicle-mounted laser particle counters, among others. It is intended that monitors will be placed on routes maximizing exposure throughout the community.

Projected Date Range: FY2024

Project Request	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Air Quality Monitoring Pilot	\$ -	\$ -	\$ -	\$ -	\$ 250,000	\$ 250,000

Funding Source	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Solid Waste	-	-	-	-	250,000	250,000
Total	\$ -	\$ -	\$ -	\$ -	\$ 250,000	\$ 250,000

Full Annual Operating Budget Impact

	Fund	Department	Amount	AP's
Revenue				
Personnel Costs				
Operating Costs				
Total				

Impact Comments: This project will not incur operational costs.

Stormwater

FY 2020 – 2024

5 Year Capital Improvement Plan

Storm Water 5 Year Capital Improvement Plan

Stormwater 5 Year Capital Improvement Plan Summary

OVERVIEW

The City of Fort Worth, Transportation and Public Works Department's Stormwater Management Program's (SWMP) mission is to protect people and property from harmful stormwater runoff. This is accomplished through: the operation, maintenance and improvement of the City's drainage system; the regulation of new development in the FEMA floodplain; the review of private development for compliance with City drainage standards; and by warning and informing the public regarding flood protection and water quality practices.

The City's drainage system includes over 900 miles of underground pipe, approximately 300 miles of engineered drainage channel, over 30,000 drainage inlets and numerous other drainage facilities such as detention ponds, bridge culverts, and bar ditches.

Fort Worth's SWMP is a very capital-intensive enterprise, which requires continuous investment in extensive above- and below-ground infrastructure. Continued investment in the drainage system is a prerequisite for the health and safety of the community it serves as well as economic growth and prosperity in the future.

The FY2020-2024 Capital Improvement Plan (CIP) funds capital improvements required to mitigate flood risk, ensure system reliability by replacing aging infrastructure and facilities, support the City's bond programs for street rehabilitation, meet corporate priorities, and facilitate economic revitalization in areas where development is hampered by chronic flooding.

CAPITAL IMPROVEMENT STRATEGY

The SWMP's Capital Improvement Strategy is driven by its mission to protect people and property from harmful stormwater runoff. The CIP is informed by many sources from within the SWMP and the City as well as external entities. These sources include:

- **Planning effort/risk assessments:** The SWMP conducts engineering assessments to understand the degree and cause of flooding in various parts the City and develop conceptual alternatives to mitigate the risk. This information is used to prioritize the use of capital improvement funding and to develop tools for comparing and explaining the relative level of flood risk throughout the City.
- **Historical flooding/customer reports:** The SWMP investigates customer reports of drainage problems. If the reported problem is something for which the SWMP is responsible, projects are initiated to correct problems that are within the existing resource capacity of the program. When current resources aren't sufficient to initiate corrective action, the problem is prioritized with other unfunded needs for project initiation as priorities and funding availability allows.
- **Corporate Priorities:** The SWMP provides drainage improvements or relocation projects in support of City Council-approved priority programs for the development of the city. Examples of these types of programs include the Trinity River Vision initiative and the Cultural District improvements.
- **Development Agreements/Community Facilities Agreements:** The Policy for the Installation of Community Facilities approved by the City Council provides for the SWMP's participation in upsizing drainage facilities beyond the size required to offset the impact of a proposed development to provide additional flood protection in the broader area. The SWMP's staff is in regular contact with the development community to identify opportunities for collaboration.

Storm Water 5 Year Capital Improvement Plan

- **Collaboration with other public entities:** In developing flood mitigation alternatives, sometimes the property of other public entities is located in an area where a drainage improvement could be effective and/or the interests of another public entity could be served by drainage improvements. In such cases, SWMP staff engages with staff from the other entity to determine if there is an opportunity for a mutually beneficial project. Past efforts in this regard have resulted in partnerships with entities such as: the Fort Worth Independent School District and the Fort Worth Transportation Authority.
- **Legislative and Regulatory Mandates:** The Federal Government through the U.S. Environmental Protection Agency (USEPA) and the Texas Legislature through the Texas Commission on Environmental Quality (TCEQ) regulate the operation and maintenance of the City's drainage system through the Municipal Separate Storm Sewer System (MS4) permit program. Various aspects of the SWMP CIP are key to maintaining compliance with MS4 permit requirements. Similarly, the effective execution of the SWMP is a key part of the City's standing with the Federal Emergency Management Agencies National Flood Insurance Program.
- **Condition Assessment and Maintenance History:** A high priority for the SWMP is to optimize the performance and maintainability of the existing system. Toward that end investments are made in: rehabilitating degraded drainage channels to perform as designed and to facilitate ongoing maintenance; assessing the pipe system to develop a criticality ranking so that repair and rehabilitation funds can be directed to the most critical parts of the system; maintaining and expanding the GIS map for the system to make the assessment and response to drainage problems as efficient as possible; and technology and fleet upgrades that enhance efficiency in maintaining, repairing, and improving the system. SWMP staff routinely inspect various aspects of the City's drainage system, either visually or via Closed Circuit Television, to identify, prioritize, and program rehabilitation and maintenance projects. The SWMP's work order system is also invaluable in identifying recurring drainage problems so that in depth investigation can identify underlying causes and develop solutions.
- **Coordination with the CIP's of other City Departments/Divisions:** The SWMP coordinates with other departments and divisions such as TPW Capital Delivery, Water, Parks, and Planning and Development to identify areas where priorities and plans overlap so that collaborative projects can be developed that achieve multiple goals.

CIP Priority Criteria

The SWMP CIP is directly linked to the goals of: public safety, improving neighborhoods and communities, removing structures from floodplains, and encouraging economic growth. The SWMP's specific goals and project prioritization scores are aligned with City-wide strategic goals as reflected in the capital project prioritization system used for the City's Comprehensive Plan.

CAPITAL REVENUE SOURCES

The SWMP has identified funding for the five-year CIP from Pay-Go cash from rate revenues. Pay-Go for capital is budgeted each year and recovered through the rates charged to the SWMP's ratepayers. In addition, SWMP will be proposing a revenue bond program in the near future in order to address critical infrastructure needs. The potential future debt proceeds are used as a funding source in the plan.

Stormwater 5 Year Capital Improvement Plan

Stormwater 5 Year Capital Improvement Plan – Chapter Summary

Stormwater Plan	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Capital Outlay	1,525,000	1,730,000	1,636,000	1,636,000	1,636,000	8,163,000
Drainage Erosion Control	13,011,510	19,405,258	29,104,187	36,134,027	36,394,668	134,049,650
Information Technology	-	100,000	-	100,000	100,000	300,000
Total Plan	\$ 14,536,510	\$ 21,235,258	\$ 30,740,187	\$ 37,870,027	\$ 38,130,668	\$142,512,650

Funding Source	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Stormwater Utility Capital Intrafund Transfer Out	14,536,510	14,235,258	14,406,854	14,536,694	14,797,334	72,512,650
Future Bond Proceeds From Sale Of Bonds	-	7,000,000	16,333,333	23,333,333	23,333,334	70,000,000
Total Funding Source	\$ 14,536,510	\$ 21,235,258	\$ 30,740,187	\$ 37,870,027	\$ 38,130,668	\$142,512,650

Stormwater 5 Year Capital Improvement Plan

Capital Outlay Chapter

Chapter	Capital Category	Project	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Capital Outlay	Equipment	Minor Equipment P_P00014	125,000	128,000	131,000	131,000	131,000	646,000
	Floodplain Mgmt	SW Advanced Flood Warning Sys P_P00108	700,000	700,000	700,000	700,000	700,000	3,500,000
	Hardware	Technology P_P00015	100,000	102,000	105,000	105,000	105,000	517,000
	Heavy Equipment	Vehicles-Stormwater P_P00016	600,000	800,000	700,000	700,000	700,000	3,500,000
Chapter Total			\$ 1,525,000	\$ 1,730,000	\$ 1,636,000	\$ 1,636,000	\$ 1,636,000	\$ 8,163,000

Funding Source	Funding Type	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Stormwater Utility	Capital Intrafund Transfer Out	1,525,000	1,730,000	1,636,000	1,636,000	1,636,000	8,163,000
Total Funding Source		\$ 1,525,000	\$ 1,730,000	\$ 1,636,000	\$ 1,636,000	\$ 1,636,000	\$ 8,163,000

Project Details

Plan	Chapter	Category	Department	Council District
Stormwater	Capital Outlay	Equipment	Transportation & Public Works	Citywide

Project Name: Minor Equipment -Stormwater

Description: Programmable project with funding set aside to address routine replacement of capital tools and equipment.

Justification: Capital asset purchases support operations and Maintenance of the SWMP including routine Replacement of tools & equipment for infrastructure maintenance and equipment to support operations.

Projected Date Range: Programmable

Project Request	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Minor Equipment P_P00014	\$ 125,000	\$ 128,000	\$ 131,000	\$ 131,000	\$ 131,000	\$ 646,000

Funding Source	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Stormwater Utility	125,000	128,000	131,000	131,000	131,000	646,000
Total	\$ 125,000	\$ 128,000	\$ 131,000	\$ 131,000	\$ 131,000	\$ 646,000

Full Annual Operating Budget Impact

	Fund	Department	Amount	AP's
Revenue				
Personnel Costs				
Operating Costs				
Total				

Impact Comments: This is a programmable project and will not incur operational costs.

Project Details

Plan	Chapter	Category	Department	Council District
Stormwater	Capital Outlay	Floodplain Mgmt	Transportation & Public Works	Citywide

Project Name: SW Advanced Flood Warning System

Description: Programmable project with funding set aside to address Flood Hazard Monitoring & Warning System initiatives and equipment.

Justification: Hardware, software and services to procure, install and maintain weather and stream monitoring equipment and hazard alert/warning equipment for life-safety risks.

Projected Date Range: Programmable

Project Request	FY2020	FY2021	FY2022	FY2023	FY2024	Total
SW Advanced Flood Warning Sys P_P00108	\$ 700,000	\$ 700,000	\$ 700,000	\$ 700,000	\$ 700,000	\$ 3,500,000

Funding Source	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Stormwater Utility	700,000	700,000	700,000	700,000	700,000	3,500,000
Total	\$ 700,000	\$ 700,000	\$ 700,000	\$ 700,000	\$ 700,000	\$ 3,500,000

Full Annual Operating Budget Impact

	Fund	Department	Amount	AP's
Revenue				
Personnel Costs				
Operating Costs				
Total				

Impact Comments: This is a programmable project and will not incur operational costs.

Project Details

Plan	Chapter	Category	Department	Council District
Stormwater	Capital Outlay	Hardware	Transportation & Public Works	Citywide

Project Name: Technology

Description: Programmable project with funding set aside to address routine replacement of mobile workforce hardware and technology tools & equipment.

Justification: Capital asset purchases support operations and Maintenance of the SWMP including routine replacement of technology tools & equipment, including routine replacement of hardware for a mobile workforce.

Projected Date Range: Programmable

Project Request	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Technology P_P00015	\$ 100,000	\$ 102,000	\$ 105,000	\$ 105,000	\$ 105,000	\$ 517,000

Funding Source	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Stormwater Utility	100,000	102,000	105,000	105,000	105,000	517,000
Total	\$ 100,000	\$ 102,000	\$ 105,000	\$ 105,000	\$ 105,000	\$ 517,000

Full Annual Operating Budget Impact

	Fund	Department	Amount	AP's
Revenue				
Personnel Costs				
Operating Costs				
Total				

Impact Comments: This is a programmable project and will not incur operational costs.

Project Details

Plan	Chapter	Category	Department	Council District
Stormwater	Capital Outlay	Heavy Equipment	Transportation & Public Works	Citywide

Project Name: Vehicles - Stormwater

Description: Programmable project with funding set aside to address routine replacement of heavy equipment and vehicles supporting maintenance of existing infrastructure.

Justification: Capital asset purchases support operations and Maintenance of the SWMP including routine Replacement of heavy equipment & vehicles.

Projected Date Range: Programmable

Project Request	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Vehicles-Stormwater P_P00016	\$ 600,000	\$ 800,000	\$ 700,000	\$ 700,000	\$ 700,000	\$ 3,500,000

Funding Source	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Stormwater Utility	600,000	800,000	700,000	700,000	700,000	3,500,000
Total	\$ 600,000	\$ 800,000	\$ 700,000	\$ 700,000	\$ 700,000	\$ 3,500,000

Full Annual Operating Budget Impact

	Fund	Department	Amount	AP's
Revenue				
Personnel Costs				
Operating Costs				
Total				

Impact Comments: This is a programmable project and will not incur operational costs.

Stormwater 5 Year Capital Improvement Plan

Drainage Erosion Control Chapter

Chapter	Capital Category	Project	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Drainage Erosion Control	Drainage Improvements	Drainage Improvement Projects P_P00043	1,243,000	2,364,336	2,051,584	2,002,000	2,336,700	9,997,620
		Flooding Assessments P_P00046	1,450,000	1,350,000	1,350,000	1,350,000	1,350,000	6,850,000
		Stormwater Bond Program	-	7,000,000	16,333,333	23,333,333	23,333,334	70,000,000
	Neighborhood Drainage Imp	Westcliff Drainage Phase II P_101524	-	-	500,000	-	-	500,000
		Washington Heights Storm Drain P_C00619	-	-	476,000	-	-	476,000
		Greenfield Acres Drainage Impr P_C01549	176,000	2,540,000	-	-	-	2,716,000
	Public Safety	Westcliff Drainage P_C01669	8,000,000	-	-	-	-	8,000,000
		Minor Neighborhood Drainage Im P_P00044	600,000	600,000	600,000	600,000	600,000	3,000,000
		SW Hazard Rd Ovrtp Safety Imp P_P00121	28,426	80,840	333,944	500,000	500,000	1,443,210
		Rdwy Crossings & Channel Imp	-	-	350,000	2,000,000	-	2,350,000
	Redevelopment/Reno	Royal Creek Culvert Improvemnt P_101471	-	-	300,000	2,000,000	-	2,300,000
		SW Hazardous Rd Overtopping P_P00120	257,042	3,485,041	3,503,663	424,347	3,387,317	11,057,410
		Stormdrain Pipe Rehab P_P00114	1,257,042	1,985,041	3,305,663	3,924,347	4,887,317	15,359,410
	Chapter Total			\$ 13,011,510	\$ 19,405,258	\$ 29,104,187	\$ 36,134,027	\$ 36,394,668

Funding Source	Funding Type	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Stormwater Utility		13,011,510	12,405,258	12,770,854	12,800,694	13,061,334	64,049,650
Future Bond	Capital Intrafund Transfer Out Proceeds From Sale Of Bonds	-	7,000,000	16,333,333	23,333,333	23,333,334	70,000,000
Total Funding Source		\$ 13,011,510	\$ 19,405,258	\$ 29,104,187	\$ 36,134,027	\$ 36,394,668	\$134,049,650

Project Details

Plan	Chapter	Category	Department	Council District
Stormwater	Drainage Erosion Control	Drainage Improvements	Transportation & Public Works	Citywide

Project Name: Drainage Improvement Projects

Description: Programmable project with funding set aside to address Drainage Improvements projects.

Justification: Projects to mitigate flooding problems in neighborhoods generally arising from local drainage systems with inadequate capacity

Projected Date Range: Programmable

Project Request	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Drainage Improvement Projects P_P00043	\$ 1,243,000	\$ 2,364,336	\$ 2,051,584	\$ 2,002,000	\$ 2,336,700	\$ 9,997,620

Funding Source	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Stormwater Utility	1,243,000	2,364,336	2,051,584	2,002,000	2,336,700	9,997,620
Total	\$ 1,243,000	\$ 2,364,336	\$ 2,051,584	\$ 2,002,000	\$ 2,336,700	\$ 9,997,620

Full Annual Operating Budget Impact

	Fund	Department	Amount	AP's
Revenue				
Personnel Costs				
Operating Costs				
Total				

Impact Comments: This is a programmable project and will not incur operational costs.

Project Details

Plan	Chapter	Category	Department	Council District
Stormwater	Drainage Erosion Control	Drainage Improvements	Transportation & Public Works	Citywide

Project Name: Flooding Assessments

Description: Programmable infrastructure inspection and assessment through CCTV for condition and rating for risk criticality based on probability and consequence of failure, prioritization and development of capital projects and emergency engineering evaluation.

Justification: Inspection and evaluation of citywide underground drainage system for condition assessment and rating for risk criticality based on probability and consequence of failure, prioritization and development of capital projects including emergency engineering

Projected Date Range: Programmable

Project Request	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Flooding Assessments P_P00046	\$ 1,450,000	\$ 1,350,000	\$ 1,350,000	\$ 1,350,000	\$ 1,350,000	\$ 6,850,000

Funding Source	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Stormwater Utility	1,450,000	1,350,000	1,350,000	1,350,000	1,350,000	6,850,000
Total	\$ 1,450,000	\$ 1,350,000	\$ 1,350,000	\$ 1,350,000	\$ 1,350,000	\$ 6,850,000

Full Annual Operating Budget Impact

	Fund	Department	Amount	AP's
Revenue				
Personnel Costs				
Operating Costs				
Total				

Impact Comments: This is a programmable project and will not incur operational costs.

Project Details

Plan	Chapter	Category	Department	Council District
Stormwater	Drainage Erosion Control	Neighborhood Drainage Imp	Transportation & Public Works	Council District 3

Project Name: Westcliff Drainage

Description: This project is a multi-phased initiative to mitigate residential flooding in the Westcliff community. PayGo will fund construction phase 1&2.

Justification: Projects to mitigate flooding problems in neighborhoods generally arising from local drainage systems with inadequate capacity for large rain events.

Projected Date Range: FY 2020

Project Request	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Westcliff Drainage P_C01669	\$ 8,000,000	\$ -	\$ -	\$ -	\$ -	\$ 8,000,000

Funding Source	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Stormwater Utility	8,000,000	-	-	-	-	8,000,000
Total	\$ 8,000,000	\$ -	\$ -	\$ -	\$ -	\$ 8,000,000

Full Annual Operating Budget Impact

	Fund	Department	Amount	AP's
Revenue				
Personnel Costs				
Operating Costs				
Total				

Impact Comments: This project will not incur operational costs.

Project Details

Plan	Chapter	Category	Department	Council District
Stormwater	Drainage Erosion Control	Neighborhood Drainage Imp	Transportation & Public Works	Council District 2

Project Name: Washington Heights Storm Drain

Description: This project would address the existing undersized storm drain system downstream of Meacham Airport from 38th and Houston Streets to 35th and Calhoun Streets. Funding provides Design and Right-of-Way acquisition phases of project.

Justification: Projects to mitigate flooding problems in neighborhoods generally arising from local drainage systems with inadequate capacity for large rain events.

Projected Date Range: FY 2022

Project Request	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Washington Heights Storm Drain P_C00619	\$ -	\$ -	\$ 476,000	\$ -	\$ -	\$ 476,000

Funding Source	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Stormwater Utility	-	-	476,000	-	-	476,000
Total	\$ -	\$ -	\$ 476,000	\$ -	\$ -	\$ 476,000

Full Annual Operating Budget Impact

	Fund	Department	Amount	AP's
Revenue				
Personnel Costs				
Operating Costs				
Total				

Impact Comments: This project will not incur operational costs.

Project Details

Plan	Chapter	Category	Department	Council District
Stormwater	Drainage Erosion Control	Neighborhood Drainage Imp	Transportation & Public Works	Council District 2

Project Name: Greenfield Acres Drainage Impr

Description: Project is located near the intersection of IH-820 and Jacksboro Highway to expand storm drains and inlets installed to expand the area of flood mitigation. Funding will provide design in FY20 and construction in FY21.

Justification: Projects to mitigate flooding problems in neighborhoods generally arising from local drainage systems with inadequate capacity for large rain events.

Projected Date Range: FY2020 – FY2021

Project Request	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Greenfield Acres Drainage Impr P_C01549	\$ 176,000	\$ 2,540,000	\$ -	\$ -	\$ -	\$ 2,716,000

Funding Source	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Stormwater Utility	176,000	2,540,000	-	-	-	2,716,000
Total	\$ 176,000	\$ 2,540,000	\$ -	\$ -	\$ -	\$ 2,716,000

Full Annual Operating Budget Impact

	Fund	Department	Amount	AP's
Revenue				
Personnel Costs				
Operating Costs				
Total				

Impact Comments: This project will not incur operational costs.

Project Details

Plan	Chapter	Category	Department	Council District
Stormwater	Drainage Erosion Control	Neighborhood Drainage Imp	Transportation & Public Works	Council District 3

Project Name: Westcliff Drainage Phase II

Description: This project is a multi-phased initiative to mitigate residential flooding in the Westcliff community. Funding in FY2022 will complete the design phase.

Justification: Projects to mitigate flooding problems in neighborhoods generally arising from local drainage systems with inadequate capacity

Projected Date Range: FY 2022

Project Request	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Westcliff Drainage Phase II P_101524	\$ -	\$ -	\$ 500,000	\$ -	\$ -	\$ 500,000

Funding Source	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Stormwater Utility	-	-	500,000	-	-	500,000
Total	\$ -	\$ -	\$ 500,000	\$ -	\$ -	\$ 500,000

Full Annual Operating Budget Impact

	Fund	Department	Amount	AP's
Revenue				
Personnel Costs				
Operating Costs				
Total				

Impact Comments: This project will not incur operational costs.

Project Details

Plan	Chapter	Category	Department	Council District
Stormwater	Drainage Erosion Control	Neighborhood Drainage Imp	Transportation & Public Works	Citywide

Project Name: Minor Neighborhood Drainage Improvements

Description: Project to purchase easements associated with reactive projects that come up during the course of each year.

Justification: Projects to mitigate flooding problems in neighborhoods generally arising from local drainage systems with inadequate capacity

Projected Date Range: Programmable

Project Request	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Minor Neighborhood Drainage Im P_P00044	\$ 600,000	\$ 600,000	\$ 600,000	\$ 600,000	\$ 600,000	\$ 3,000,000

Funding Source	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Stormwater Utility	600,000	600,000	600,000	600,000	600,000	3,000,000
Total	\$ 600,000	\$ 600,000	\$ 600,000	\$ 600,000	\$ 600,000	\$ 3,000,000

Full Annual Operating Budget Impact

	Fund	Department	Amount	AP's
Revenue				
Personnel Costs				
Operating Costs				
Total				

Impact Comments: This is a programmable project and will not incur operational costs.

Project Details

Plan	Chapter	Category	Department	Council District
Stormwater	Drainage Erosion Control	Public Safety	Transportation & Public Works	Citywide

Project Name: SW Hazard Rd Overtop Safety Imp

Description: Programmable project with funding set aside to address public safety improvements for areas at risk for hazardous road overtopping of roadway crossings.

Justification: Life-safety risks of hazardous roadway crossings and the Stormwater Master Plan focus to increase funding in this area, necessitates programmable project to fund small scale, dedicated funding source to mitigate locations citywide with risk of hazardous road overtopping.

Projected Date Range: Programmable

Project Request	FY2020	FY2021	FY2022	FY2023	FY2024	Total
SW Hazard Rd Ovrtp Safety Imp P_P00121	\$ 28,426	\$ 80,840	\$ 333,944	\$ 500,000	\$ 500,000	\$ 1,443,210

Funding Source	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Stormwater Utility	28,426	80,840	333,944	500,000	500,000	1,443,210
Total	\$ 28,426	\$ 80,840	\$ 333,944	\$ 500,000	\$ 500,000	\$ 1,443,210

Full Annual Operating Budget Impact

	Fund	Department	Amount	AP's
Revenue				
Personnel Costs				
Operating Costs				
Total				

Impact Comments: This is a programmable project and will not incur operational costs.

Project Details

Plan	Chapter	Category	Department	Council District
Stormwater	Drainage Erosion Control	Rdwy Crossings & Channel Imp	Transportation & Public Works	Council District 3

Project Name: Plantation Creek Culvert Imprv

Description: The project includes upsizing of the existing culverts at Slade Boulevard and Bangor Drive to provide improved conveyance capacity at the crossing.

Justification: Project aimed at protecting motorists from the risk of dangerous road overtopping.

Projected Date Range: FY2022 - FY2023

Project Request	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Plantation Creek Culvert Imprv P_101470	\$ -	\$ -	\$ 350,000	\$ 2,000,000	\$ -	\$ 2,350,000

Funding Source	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Stormwater Utility	-	-	350,000	2,000,000	-	2,350,000
Total	\$ -	\$ -	\$ 350,000	\$ 2,000,000	\$ -	\$ 2,350,000

Full Annual Operating Budget Impact

	Fund	Department	Amount	AP's
Revenue				
Personnel Costs				
Operating Costs				
Total				

Impact Comments: This project will not incur operational costs.

Project Details

Plan	Chapter	Category	Department	Council District
Stormwater	Drainage Erosion Control	Rdwy Crossings & Channel Imp	Transportation & Public Works	Council District 3

Project Name: Royal Creek Culvert Improvemnt

Description: The proposed project improvements consist of replacement of culverts at Wycliff Street and Mary’s Creek Drive to mitigate road overtopping and replacement of a failed drop structure causing severe erosion in Royal Creek.

Justification: Project aimed at protecting motorists from the risk of dangerous road overtopping.

Projected Date Range: FY2022 – FY2023

Project Request	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Royal Creek Culvert Improvemnt P_101471	\$ -	\$ -	\$ 300,000	\$ 2,000,000	\$ -	\$ 2,300,000

Funding Source	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Stormwater Utility	-	-	300,000	2,000,000	-	2,300,000
Total	\$ -	\$ -	\$ 300,000	\$ 2,000,000	\$ -	\$ 2,300,000

Full Annual Operating Budget Impact

	Fund	Department	Amount	AP's
Revenue				
Personnel Costs				
Operating Costs				
Total				

Impact Comments: This project will not incur operational costs.

Project Details

Plan	Chapter	Category	Department	Council District
Stormwater	Drainage Erosion Control	Rdwy Crossings & Channel Imp	Transportation & Public Works	Citywide

Project Name: SW Hazardous Rd Overtopping

Description: Programmable project with funding set aside to address drainage improvements to mitigate hazardous road overtopping of roadway crossings.

Justification: Life-safety risks of hazardous roadway crossings and the Stormwater Master Plan focus to increase funding in this area, necessitates programmable project to fund small scale, dedicated funding source to mitigate locations citywide with risk of hazardous road overtopping.

Projected Date Range: Programmable

Project Request	FY2020	FY2021	FY2022	FY2023	FY2024	Total
SW Hazardous Rd Overtopping P_P00120	\$ 257,042	\$ 3,485,041	\$ 3,503,663	\$ 424,347	\$ 3,387,317	\$ 11,057,410

Funding Source	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Stormwater Utility	257,042	3,485,041	3,503,663	424,347	3,387,317	11,057,410
Total	\$ 257,042	\$ 3,485,041	\$ 3,503,663	\$ 424,347	\$ 3,387,317	\$ 11,057,410

Full Annual Operating Budget Impact

	Fund	Department	Amount	AP's
Revenue				
Personnel Costs				
Operating Costs				
Total				

Impact Comments: This is a programmable project and will not incur operational costs.

Project Details

Plan	Chapter	Category	Department	Council District
Stormwater	Drainage Erosion Control	Redevelopment/Reno	Transportation & Public Works	Citywide

Project Name: Stormdrain Pipe Rehab

Description: New programmable project for the purpose of dedicated funding of small scale, system wide rehabilitation of underground drainage pipe.

Justification: New programmable project for the purpose of dedicated funding of small scale, system wide rehabilitation of underground drainage pipe.

Projected Date Range: Programmable

Project Request	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Stormdrain Pipe Rehab P_P00114	\$ 1,257,042	\$ 1,985,041	\$ 3,305,663	\$ 3,924,347	\$ 4,887,317	\$ 15,359,410

Funding Source	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Stormwater Utility	1,257,042	1,985,041	3,305,663	3,924,347	4,887,317	15,359,410
Total	\$ 1,257,042	\$ 1,985,041	\$ 3,305,663	\$ 3,924,347	\$ 4,887,317	\$ 15,359,410

Full Annual Operating Budget Impact

	Fund	Department	Amount	AP's
Revenue				
Personnel Costs				
Operating Costs				
Total				

Impact Comments: This is a programmable project and will not incur operational costs.

Project Details

Plan	Chapter	Category	Department	Council District
Stormwater	Drainage Erosion Control	Drainage Improvements	Transportation & Public Works	Citywide

Project Name: Stormwater Bond Program

Description: Programmable project funded by the 2019 Stormwater Bond Program.

Justification: These purpose of these projects is to expedite capital delivery of priority and life-safety enhancements, including hazardous road overtopping mitigation, pipe rehabilitation, channel rehabilitation and flood mitigation.

Projected Date Range: Programmable

Project Request	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Stormwater Bond Program	\$ -	\$ 7,000,000	\$ 16,333,333	\$ 23,333,333	\$ 23,333,334	\$ 70,000,000

Funding Source	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Future Bond	-	7,000,000	16,333,333	23,333,333	23,333,334	70,000,000
Total	\$ -	\$ 7,000,000	\$ 16,333,333	\$ 23,333,333	\$ 23,333,334	\$ 70,000,000

Full Annual Operating Budget Impact

	Fund	Department	Amount	AP's
Revenue				
Personnel Costs				
Operating Costs				
Total				

Impact Comments: This capital programmable project will not incur operational costs.

Stormwater 5 Year Capital Improvement Plan

Information Technology Chapter

Chapter	Capital Category	Project	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Information Technology	Business Applications	GIS Data Mgmt P_P00013	-	100,000	-	100,000	100,000	300,000
Chapter Total			\$ -	\$ 100,000	\$ -	\$ 100,000	\$ 100,000	\$ 300,000

Funding Source	Funding Type	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Stormwater Utility	Capital Intrafund Transfer Out	-	100,000	-	100,000	100,000	300,000
Total Funding Source		\$ -	\$ 100,000	\$ -	\$ 100,000	\$ 100,000	\$ 300,000

Project Details

Plan	Chapter	Category	Department	Council District
Stormwater	Information Technology	Business Applications	Transportation & Public Works	Citywide

Project Name: GIS Data Mgmt

Description: Project addresses asset management and data management system outlay projects including expanding license capacity for GIS/Asset Management software and programming updates to maximize efficiency for data

Justification: Capital asset purchases support operations and Maintenance of the SWMP including routine growth & replacement of technology.

Projected Date Range: Programmable

Project Request	FY2020	FY2021	FY2022	FY2023	FY2024	Total
GIS Data Mgmt P_P00013	\$ -	\$ 100,000	\$ -	\$ 100,000	\$ 100,000	\$ 300,000

Funding Source	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Stormwater Utility	-	100,000	-	100,000	100,000	300,000
Total	\$ -	\$ 100,000	\$ -	\$ 100,000	\$ 100,000	\$ 300,000

Full Annual Operating Budget Impact

	Fund	Department	Amount	AP's
Revenue				
Personnel Costs				
Operating Costs				
Total				

Impact Comments: This is a programmable project and will not incur operational costs.

Water

FY 2020 – 2024

5 Year Capital Improvement Plan

Water and Sewer 5 Year Capital Improvement Plan

Water and Sewer 5 Year Capital Improvement Plan Summary

OVERVIEW

The Fort Worth Water Department (Utility) is a regional provider of water and sewer services to more than 1.2 million people in Fort Worth and surrounding communities, including 32 wholesale water customers, 23 wholesale wastewater customers and three wholesale reclaimed water customers. Fort Worth's system has a total treatment capacity of 500 million gallons per day (MGD) for drinking water and 166 MGD for wastewater, with five water treatment plants and one water reclamation facility. The Fort Worth utility includes more than 3,565 miles of pipe in the water distribution system, 3,508 miles in the collection system, and a wide-ranging assembly of pump stations, lift stations, and storage facilities to serve its customers. With approximately \$3.4 billion in original cost fixed assets, Fort Worth's utility is a very capital-intensive enterprise, which requires continuous investment in extensive above- and below-ground infrastructure.

The Utility's mission is to enable our community to thrive with clean water done right every time. Continued investment in the utility system is a prerequisite for the health and safety of the community it serves, as well as economic growth and prosperity in the future. The 2020-2024 Capital Improvement Plan (CIP) funds capital improvements required to ensure system reliability by replacing aging infrastructure and facilities, comply with regulatory requirements, support the City's bond programs for street rehabilitation, meet corporate priorities and serve anticipated growth in the system.

CAPITAL IMPROVEMENT STRATEGY

The Utility's Capital Improvement Strategy is driven by its mission to enable our community to thrive with clean water done right every time, which serves as the basis for the CIP. The CIP is developed from many sources from within the Utility and the City as well as exterior sources. These sources include:

Master Plans (Systems, Operational and Technology): Master Plans are developed to provide a road map for future facilities to be installed generally within a 20-year timeframe, with updates performed every ten years. System Master Plans include the Water and Wastewater Master Plans, which project growth-related facility needs in the water and wastewater systems, including anticipated treatment plant expansions. System Master Plans also include the Lake Worth Comprehensive Capital Improvement Implementation Plan which establishes specific capital improvements in and around Lake Worth. Operational master plans include the Bio-Solids Master Plan which recommends future bio-solids disposal processes. Technology master plans include the Information Technology (IT) Master Plan that identifies future IT requirements and needs.

Operational Enhancement: Utility staff continuously review and monitor operations and customer service activities and develop initiatives for enhanced customer service or operational cost reductions. The Village Creek Water Reclamation Facility Energy Efficiency and Performance Improvements project is an example of this type of enhancement.

Corporate Priorities: The Utility provides water and sewer improvements or relocation projects in support of City Council-approved priority programs for the development of the city. Examples of these types of programs include the Trinity River Vision initiative, the Cultural District improvements and the Near Southside Medical District Redevelopment projects.

Development Agreements/Community Facilities Agreements: The Policy for the Installation of Community Facilities approved by the City Council provides for the Utility's participation in upsizing water and sewer facilities from the size required to provide service to a proposed development to the size required by the Water and/or Wastewater Master Plan to provide service for future growth in the area. Utility staff remain in regular contact with the development community to monitor upcoming needs and priorities.

Water and Sewer 5 Year Capital Improvement Plan

Legislative and Regulatory Mandates: The Federal Government through the U.S. Environmental Protection Agency (USEPA), and the Texas Legislature through the Texas Commission on Environmental Quality (TCEQ), develop process, operational and maintenance requirements which must be met within regulatory timelines. While normally related to treatment plant processes, the requirements also extend to the water distribution and wastewater collection systems. Examples include the Utility's participation in the TCEQ SSOI program to minimize sanitary sewer overflows, as well as an ongoing initiative to replace all public side lead services in the water system.

Condition Assessment and Maintenance History: Utility staff routinely review the operation and maintenance records of water and sewer mains and facilities for rehabilitation or replacement needs due to high maintenance costs or pending failure. These types of projects are identified through facilities assessment studies, programs such as the Interceptor Condition Assessment Program and Water Efficiency Condition Assessment Program, and staff review of maintenance records to identify infrastructure that can no longer be effectively maintained.

Street Maintenance: In support of the City's street bond programs and other street maintenance and replacement projects, the Utility replaces water and sewer lines located under the streets to be replaced based on maintenance history, pipeline materials, and age.

CIP Priority Criteria

The development of the five-year CIP is based on established priorities using available debt, cash and impact fee funding for each year within the five-year program. Factors used in developing CIP priorities include: impacts to Public Health and Safety or those requiring emergency response; regulatory, legal or safety requirements; City Charter or contractual obligations; maintaining infrastructure integrity; balancing project benefits and risks with project costs; eliminating or limiting negative impacts to the general public; providing a beneficial effect on the lives of a significant segment of the population; and addressing corporate priorities.

CAPITAL REVENUE SOURCES

The Utility has identified funding for the five-year CIP from a variety of revenue sources, including cash from annual rate revenues and funds remaining from legacy water and sewer capital projects, the Water & Sewer Revenue Bond program, multiple Texas Water Development Board programs, gas well revenues and impact fees.

Cash and Legacy Water/Sewer Capital Projects

Cash is budgeted each year and recovered through the rates charged to the Utility's ratepayers. Cash budgeted for capital projects is targeted primarily to fund rehabilitation and replacement projects. Over the next five years the Utility plans to increase its cash investment in the CIP each year. In addition, the Utility will use funds remaining from previously completed water and sewer capital projects over the five-year period.

Water and Sewer Revenue Bond Program

Enacted in 1991, the Water and Sewer Revenue Bond program enables the Utility to invest in its infrastructure and facilities through the issuance of long-term debt. Previously incurred debt will decrease significantly over the next five years, allowing capacity for the Utility to issue additional debt over the five-year period.

Texas Water Development Board – Drinking Water/Clean Water State Revolving Loan Funds

The Texas Water Development Board offers low-cost financial assistance for the planning, design, and construction of water and sewer infrastructure to utilities under its Drinking Water and Clean Water State Revolving Loan Fund (SRF) programs. Fort Worth has used the SRF programs' below-market interest rate loans to fund eligible projects in the past and will continue to take advantage of these cost-effective programs as needs arise.

Water and Sewer 5 Year Capital Improvement Plan

Gas Well Revenues

In 2005, the City Council adopted the Gas Well Revenue policy to establish city-wide spending parameters for gas well revenues. The Utility has allowed gas well drilling at several of its facilities that have resulted in revenue available to fund capital projects. The CIP uses gas well revenues that will be used to fund eligible projects at Lake Worth and the Village Creek Water Reclamation Facility.

Impact Fees

The Utility has collected water and wastewater impact fees since the early 1990s to fund growth-related infrastructure. In compliance with Chapter 395 of the Local Government Code, the Utility develops land use assumptions and a capital improvements plan of impact fee-allowable capital projects, which will serve projected growth over a ten-year planning period. Updates are prepared at least every five years and impact fees are used to fund these plan updates. The most recent Impact Fee Study was completed in 2016, with the City Council adopting new maximum assessable impact fees as well as a three-year phased collection plan that will increase impact fee collections to 40 percent of the new maximum assessment and reduce the ratepayer subsidy of growth-related capital improvements. The new impact fees took effect on April 1, 2017 and were increased on April 1, 2018 and again on April 1, 2019 in accordance with the phased collection plan.

Water 5 Year Capital Improvement Plan – Chapter Summary

Water Plan	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Wastewater	187,328,350	71,850,000	63,350,000	15,000,000	157,500,000	495,028,350
Water Prj	110,454,843	149,219,891	103,415,763	125,787,149	101,818,700	590,696,346
Total Plan	\$297,783,193	\$221,069,891	\$166,765,763	\$140,787,149	\$259,318,700	\$1,085,724,696

Funding Source	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Water/Sewer Endowmt Gas Lse Unspec Project	1,900,000	18,600,000	-	-	-	20,500,000
Water & Sewer Capital Intrafund Transfer Out	66,552,253	66,594,431	68,750,000	74,100,000	74,100,000	350,096,684
Water & Sewer Unspec Project	800,000	750,000	-	-	-	1,550,000
Water Impact Fee Unspec Project	5,595,200	-	1,000,000	350,000	1,750,000	8,695,200
Water State Revolving Loan Unspec Project	88,700,000	2,327,189	-	-	110,000,000	201,027,189
Sewer Impact Fee Unspec Project	-	2,500,000	12,000,000	150,000	-	14,650,000
Water Capital Unspec Project	-	2,000,000	-	-	-	2,000,000
Sewer Capital Legacy Unspec Project	1,825,000	-	-	-	-	1,825,000
WS Future Debt Unspec Project	132,410,740	128,298,271	85,015,763	66,187,149	73,468,700	485,380,623
Total Funding Source	\$297,783,193	\$221,069,891	\$166,765,763	\$140,787,149	\$259,318,700	\$1,085,724,696

Water 5 Year Capital Improvement Plan

Sewer Chapter

Chapter	Capital Category	Project	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Wastewater	Equipment	Sewer FY20 Non-Fleet Eqmt Pur P_102133	1,464,350	-	-	-	-	1,464,350
	Sewer Overflow Program	Sanitary Sewer Overflow Initiative	12,500,000	12,500,000	12,500,000	12,500,000	12,500,000	62,500,000
	Vehicles	Sewer FY20 Vehicles/Heavy Eqmt P_102132	939,000	-	-	-	-	939,000
	Wastewater Trtmt Plants	WW Treatment Plants Bucket P_P00007	133,200,000	22,750,000	19,000,000	150,000	131,000,000	306,100,000
	Wastewater Collectors	WW Collectors Bucket P_P00003	39,225,000	36,600,000	31,850,000	2,350,000	14,000,000	124,025,000
Chapter Total			\$187,328,350	\$ 71,850,000	\$ 63,350,000	\$ 15,000,000	\$157,500,000	\$495,028,350

Funding Source	Funding Type	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Water/Sewer Endowmt Gas Lse	Unspec Project	1,000,000	13,500,000	-	-	-	14,500,000
Water & Sewer	Capital Intrafund Transfer Out	14,903,350	12,500,000	12,500,000	12,500,000	12,500,000	64,903,350
	Unspec Project	400,000	-	-	-	-	400,000
Water State Revolving Loan	Unspec Project	88,700,000	2,327,189	-	-	110,000,000	201,027,189
Sewer Impact Fee	Unspec Project	-	2,500,000	12,000,000	-	-	14,500,000
Sewer Capital Legacy	Unspec Project	1,825,000	-	-	-	-	1,825,000
WS Future Debt	Unspec Project	80,500,000	41,022,811	38,850,000	2,500,000	35,000,000	197,872,811
Total Funding Source		\$187,328,350	\$ 71,850,000	\$ 63,350,000	\$ 15,000,000	\$157,500,000	\$495,028,350

Project Details

Plan	Chapter	Category	Department	Council District
Water	Wastewater	Equipment	Water	Citywide

Project Name: Sewer FY20 Non-Fleet Equipment Purchase

Description: Purchase of new equipment related to sewer taps and services; a crew cab truck, dump truck, excavator and trailer.

Justification: This is the associated equipment for a new Sewer Taps and Services crew for Water Field Operations.

Projected Date Range: FY 2020

Project Request	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Sewer FY20 Non-Fleet Eqmt Pur P_102133	\$ 1,464,350	\$ -	\$ -	\$ -	\$ -	\$ 1,464,350

Funding Source	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Water & Sewer	1,464,350	-	-	-	-	1,464,350
Total	\$ 1,464,350	\$ -	\$ -	\$ -	\$ -	\$ 1,464,350

Full Annual Operating Budget Impact

	Fund	Department	Amount	AP's
Revenue				
Personnel Costs				
Operating Costs				
Total				

Impact Comments: This capital project will not incur operational costs.

Project Details

Plan	Chapter	Category	Department	Council District
Water	Wastewater	Sewer Overflow Program	Wastewater	Citywide

Project Name: Sanitary Sewer Overflow Initiative

Description: Projects to eliminate sanitary sewer overflows through replacement, rerouting, or rehabilitation of sewer mains.

Justification: The Department entered into a new ten year agreement with the Texas Commission on Environmental Quality (M&C C-28713)

Projected Date Range: Programmable

Project Request	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Sanitary Sewer Overflow Initiative	\$ 12,500,000	\$ 12,500,000	\$ 12,500,000	\$ 12,500,000	\$ 12,500,000	\$ 62,500,000

Funding Source	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Water & Sewer	12,500,000	12,500,000	12,500,000	12,500,000	12,500,000	62,500,000
Total	\$ 12,500,000	\$ 12,500,000	\$ 12,500,000	\$ 12,500,000	\$ 12,500,000	\$ 62,500,000

Full Annual Operating Budget Impact

	Fund	Department	Amount	AP's
Revenue				
Personnel Costs				
Operating Costs				
Total				

Impact Comments: This is a programmable project and will not incur operational costs.

Project Details

Plan	Chapter	Category	Department	Council District
Water	Wastewater	Vehicles	Wastewater	Citywide

Project Name: Sewer FY20 Vehicles/Heavy Equipment

Description: Vehicle replacements for Field Operations, Meter Services, Safety and Security and Treatment Plants.

Justification: Vehicles have reached the end of their service life.

Projected Date Range: FY 2020

Project Request	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Sewer FY20 Vehicles/Heavy Eqmt P_102132	\$ 939,000	\$ -	\$ -	\$ -	\$ -	\$ 939,000

Funding Source	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Water & Sewer	939,000	-	-	-	-	939,000
Total	\$ 939,000	\$ -	\$ -	\$ -	\$ -	\$ 939,000

Full Annual Operating Budget Impact

	Fund	Department	Amount	AP's
Revenue				
Personnel Costs				
Operating Costs				
Total				

Impact Comments: This capital project will not incur operational costs.

Project Details

Plan	Chapter	Category	Department	Council District
Water	Wastewater	Wastewater Trtmt Plants	Water	Citywide

Project Name: Wastewater Treatment Plants

Description: Water reclamation facilities work includes plant expansion projects for growth, regulatory required process additions or modifications, process upgrades and modifications for plant efficiency improvement, and rehabilitation or replacement of existing older and/or obsolete equipment.

Justification: Water reclamation is a key part of water use in a large city. These projects keep the facilities that bring used water back into the fold up-to-date and in compliance with regulatory requirements.

Projected Date Range: Programmable

Project Request	FY2020	FY2021	FY2022	FY2023	FY2024	Total
WW Treatment Plants Bucket P_P00007	\$133,200,000	\$ 22,750,000	\$ 19,000,000	\$ 150,000	\$131,000,000	\$306,100,000

Funding Source	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Water/Sewer Endowmt Gas Lse	1,000,000	13,500,000	-	-	-	14,500,000
Water & Sewer	400,000	-	-	-	-	400,000
Water State Revolving Loan	75,000,000	-	-	-	110,000,000	185,000,000
Sewer Impact Fee	-	2,500,000	9,000,000	-	-	11,500,000
WS Future Debt	56,800,000	6,750,000	10,000,000	150,000	21,000,000	94,700,000
Total	\$133,200,000	\$ 22,750,000	\$ 19,000,000	\$ 150,000	\$131,000,000	\$306,100,000

Full Annual Operating Budget Impact

	Fund	Department	Amount	AP's
Revenue				
Personnel Costs				
Operating Costs				
Total				

Impact Comments: This capital programmable project will not incur operational costs.

Project Details

Plan	Chapter	Category	Department	Council District
Water	Wastewater	Wastewater Collectors	Water	Citywide

Project Name: Wastewater Collectors

Description: Projects related to wastewater collection mains of 24-inch diameter or larger.

Justification: These projects entail building or maintaining major mains for residential areas, partner cities, or members of the Fort Worth business community. This is a basic part of providing water service, and without maintenance, the city would risk major main breaks and leaks.

Projected Date Range: Programmable

Project Request	FY2020	FY2021	FY2022	FY2023	FY2024	Total
WW Collectors Bucket P_P00003	\$ 39,225,000	\$ 36,600,000	\$ 31,850,000	\$ 2,350,000	\$ 14,000,000	\$124,025,000

Funding Source	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Water State Revolving Loan	13,700,000	2,327,189	-	-	-	16,027,189
Sewer Impact Fee	-	-	3,000,000	-	-	3,000,000
Sewer Capital Legacy	1,825,000	-	-	-	-	1,825,000
WS Future Debt	23,700,000	34,272,811	28,850,000	2,350,000	14,000,000	103,172,811
Total	\$ 39,225,000	\$ 36,600,000	\$ 31,850,000	\$ 2,350,000	\$ 14,000,000	\$124,025,000

Full Annual Operating Budget Impact

	Fund	Department	Amount	AP's
Revenue				
Personnel Costs				
Operating Costs				
Total				

Impact Comments: This capital programmable project will not incur operational costs.

Water 5 Year Capital Improvement Plan

Water Projects Chapter

Chapter	Capital Category	Project	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Water Prj	Assessments	Water/Wastewater Impact Fee Study	-	-	-	300,000	-	300,000
	Comm Facilities	CFA Bucket	-	5,000,000	5,000,000	7,500,000	9,000,000	26,500,000
	Agrmts	P_P00001	-	-	-	-	-	-
	Equipment	Water FY20 Non-Fleet Eqmt Pur P_102134	707,850	-	-	-	-	707,850
	New Facilities	Misc Wtr Facilities P_P00004	22,245,200	43,800,000	14,900,000	3,200,000	10,502,560	94,647,760
	Redevelopment/Reno	Miscellaneous Water and Sewer Line Contract	15,650,000	16,800,000	16,800,000	16,300,000	17,150,000	82,700,000
	Street Maint	Water Sewer Program - Streets	33,772,053	37,294,431	39,450,000	45,300,000	44,450,000	200,266,484
	Transmission Mains	Major Mains Bucket P_P00002	20,810,040	6,411,960	6,978,970	37,316,400	9,516,140	81,033,510
		IH35 Expansion-Water/Sewer P_P00085	2,500,000	600,000	-	-	-	3,100,000
	Trinity River Vision	Trinity River Vision Program - Water and Sewer	8,650,700	28,563,500	9,186,793	5,870,749	-	52,271,742
	Vehicles	Water FY20 Vehicles/Heavy Eqmt P_102131	1,519,000	-	-	-	-	1,519,000
	Water Trtmt Plants	WTP Minor Improvements	4,600,000	10,750,000	11,100,000	10,000,000	11,200,000	47,650,000
Chapter Total			\$110,454,843	\$149,219,891	\$103,415,763	\$125,787,149	\$101,818,700	\$590,696,346

Funding Source	Funding Type	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Water/Sewer Endowmt Gas Lse	Unspec Project	900,000	5,100,000	-	-	-	6,000,000
Water & Sewer	Capital Intrafund Transfer Out	51,648,903	54,094,431	56,250,000	61,600,000	61,600,000	285,193,334
	Unspec Project	400,000	750,000	-	-	-	1,150,000
Water Impact Fee	Unspec Project	5,595,200	-	1,000,000	350,000	1,750,000	8,695,200
Sewer Impact Fee	Unspec Project	-	-	-	150,000	-	150,000
Water Capital	Unspec Project	-	2,000,000	-	-	-	2,000,000
WS Future Debt	Unspec Project	51,910,740	87,275,460	46,165,763	63,687,149	38,468,700	287,507,812

Water 5 Year Capital Improvement Plan

Total Funding Source	\$110,454,843	\$149,219,891	\$103,415,763	\$125,787,149	\$101,818,700	\$590,696,346
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Project Details

Plan	Chapter	Category	Department	Council District
Water	Water Prj	Assessments	Water	Citywide

Project Name: Water/Wastewater Impact Fee Study

Description: This study is a review of impact fees charged based on land use and capital improvement needs. It also provides a recommendation of the maximum assessable impact fee for adoption by the council.

Justification: Section 395.052 of the Local Government Code requires the City to amend its Land Use Assumptions (LUA), Capital Improvements Plans (CIP) and Impact Fees at least every five years and as necessary to reflect any changes in the LUA, CIP and the Impact Fee Ordinance. The LUA amendment includes amending the service area boundaries and population projections.

Projected Date Range: FY 2023

Project Request	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Water/Wastewater Impact Fee Study	\$ -	\$ -	\$ -	\$ 300,000	\$ -	\$ 300,000

Funding Source	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Water Impact Fee	-	-	-	150,000	-	150,000
Sewer Impact Fee	-	-	-	150,000	-	150,000
Total	\$ -	\$ -	\$ -	\$ 300,000	\$ -	\$ 300,000

Full Annual Operating Budget Impact

	Fund	Department	Amount	AP's
Revenue				
Personnel Costs				
Operating Costs				
Total				

Impact Comments: This is a programmable project and will not incur operational costs.

Project Details

Plan	Chapter	Category	Department	Council District
Water	Water Prj	Comm Facilities Agrmts	Water	Citywide

Project Name: CFA Programmable

Description: Community Facilities Agreements (CFAs) fund partnership opportunities with new development providers to invest in oversizing the water and sewer infrastructure from the size required to serve a proposed development to the size required by the Water and/or Wastewater Master Plan to provide regional service for future growth in the area.

Justification: These agreements increase investment by providers and help to keep the water infrastructure on pace to serve Fort Worth in the future as it continues to grow. This is an ongoing annual project.

Projected Date Range: Programmable

Project Request	FY2020	FY2021	FY2022	FY2023	FY2024	Total
CFA Bucket P_P00001	\$ -	\$ 5,000,000	\$ 5,000,000	\$ 7,500,000	\$ 9,000,000	\$ 26,500,000

Funding Source	FY2020	FY2021	FY2022	FY2023	FY2024	Total
WS Future Debt	-	5,000,000	5,000,000	7,500,000	9,000,000	26,500,000
Total	\$ -	\$ 5,000,000	\$ 5,000,000	\$ 7,500,000	\$ 9,000,000	\$ 26,500,000

Full Annual Operating Budget Impact

	Fund	Department	Amount	AP's
Revenue				
Personnel Costs				
Operating Costs				
Total				

Impact Comments: This is a programmable project and will not incur operational costs.

Project Details

Plan	Chapter	Category	Department	Council District
Water	Water Prj	Equipment	Water	Citywide

Project Name: Water FY20 Non-Fleet Equipment Purchase

Description: Purchase of equipment water services.

Justification: Replacement of equipment that has reached the end of service life.

Projected Date Range: FY 2020

Project Request	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Water FY20 Non-Fleet Eqmt Pur P_102134	\$ 707,850	\$ -	\$ -	\$ -	\$ -	\$ 707,850

Funding Source	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Water & Sewer	707,850	-	-	-	-	707,850
Total	\$ 707,850	\$ -	\$ -	\$ -	\$ -	\$ 707,850

Full Annual Operating Budget Impact

	Fund	Department	Amount	AP's
Revenue				
Personnel Costs				
Operating Costs				
Total				

Impact Comments: This capital project will not incur operational costs.

Project Details

Plan	Chapter	Category	Department	Council District
Water	Water Prj	New Facilities	Water	Citywide

Project Name: Miscellaneous Water Facilities

Description: Miscellaneous water facilities projects include water storage tanks and pump stations, sewer lift stations and force mains, wholesale customer water and wastewater meter stations.

Justification: New facility projects or expansion projects are identified in the Water and Wastewater Master Plans to support growth within the city. Rehabilitation or replacement projects for existing facilities have been identified by Utility staff during periodic inspection or evaluations.

Projected Date Range: Programmable

Project Request	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Misc Wtr Facilities P_P00004	\$ 22,245,200	\$ 43,800,000	\$ 14,900,000	\$ 3,200,000	\$ 10,502,560	\$ 94,647,760

Funding Source	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Water/Sewer Endowmt Gas Lse	900,000	5,100,000	-	-	-	6,000,000
Water Impact Fee	4,395,200	-	1,000,000	200,000	1,750,000	7,345,200
Water Capital	-	2,000,000	-	-	-	2,000,000
WS Future Debt	16,950,000	36,700,000	13,900,000	3,000,000	8,752,560	79,302,560
Total	\$ 22,245,200	\$ 43,800,000	\$ 14,900,000	\$ 3,200,000	\$ 10,502,560	\$ 94,647,760

Full Annual Operating Budget Impact

	Fund	Department	Amount	AP's
Revenue				
Personnel Costs				
Operating Costs				
Total				

Impact Comments: This is a programmable project and will not incur operational costs.

Project Details

Plan	Chapter	Category	Department	Council District
Water	Water Prj	Redevelopment/Reno	Water	Citywide

Project Name: Miscellaneous Water and Sewer Line Contract

Description: This is a series of projects that provide small water and sewer extensions, replacements or relocations, along with sewer rehabilitation using trenchless technology.

Justification: These projects are task order projects used by Utility staff to extend/relocate/replace/rehabilitate water or sewer lines on a task order basis and have been used for emergency work when needed. Having money appropriated in case of an emergency allows for added responsiveness by the water department when needed.

Projected Date Range: Programmable

Project Request	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Miscellaneous Water and Sewer Line Contract	\$ 15,650,000	\$ 16,800,000	\$ 16,800,000	\$ 16,300,000	\$ 17,150,000	\$ 82,700,000

Funding Source	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Water & Sewer	15,650,000	16,800,000	16,800,000	16,300,000	17,150,000	82,700,000
Total	\$ 15,650,000	\$ 16,800,000	\$ 16,800,000	\$ 16,300,000	\$ 17,150,000	\$ 82,700,000

Full Annual Operating Budget Impact

	Fund	Department	Amount	AP's
Revenue				
Personnel Costs				
Operating Costs				
Total				

Impact Comments: This is a programmable project and will not incur operational costs.

Project Details

Plan	Chapter	Category	Department	Council District
Water	Water Prj	Street Maint	Water	Citywide

Project Name: Water Sewer Program - Streets

Description: The water and sewer street maintenance project provides for the replacement of water and sewer lines that are old and/or have a high maintenance record in streets that are scheduled for reconstruction.

Justification: Many of these lines need to be replaced due to maintenance history, use of obsolete pipeline materials, age, or necessity from street construction.

Projected Date Range: Programmable

Project Request	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Water Sewer Program - Streets	\$ 33,772,053	\$ 37,294,431	\$ 39,450,000	\$ 45,300,000	\$ 44,450,000	\$200,266,484

Funding Source	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Water & Sewer	33,772,053	37,294,431	39,450,000	45,300,000	44,450,000	200,266,484
Total	\$ 33,772,053	\$ 37,294,431	\$ 39,450,000	\$ 45,300,000	\$ 44,450,000	\$200,266,484

Full Annual Operating Budget Impact

	Fund	Department	Amount	AP's
Revenue				
Personnel Costs				
Operating Costs				
Total				

Impact Comments: This is a programmable project and will not incur operational costs.

Project Details

Plan	Chapter	Category	Department	Council District
Water	Water Prj	Transmission Mains	Water	Citywide

Project Name: Major Mains Bucket

Description: The major mains programmable project includes projects related to transmission mains of 16-inch diameter or larger, installation, repair, and replacement, which are driven by growth and regional initiatives.

Justification: These are part of the growing Fort Worth water infrastructure. They must be newly installed with a growing customer base and repaired to prevent service disruption.

Projected Date Range: Programmable

Project Request	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Major Mains Bucket P_P00002	\$ 20,810,040	\$ 6,411,960	\$ 6,978,970	\$ 37,316,400	\$ 9,516,140	\$ 81,033,510

Funding Source	FY2020	FY2021	FY2022	FY2023	FY2024	Total
WS Future Debt	20,810,040	6,411,960	6,978,970	37,316,400	9,516,140	81,033,510
Total	\$ 20,810,040	\$ 6,411,960	\$ 6,978,970	\$ 37,316,400	\$ 9,516,140	\$ 81,033,510

Full Annual Operating Budget Impact

	Fund	Department	Amount	AP's
Revenue				
Personnel Costs				
Operating Costs				
Total				

Impact Comments: This is a programmable project and will not incur operational costs.

Project Details

Plan	Chapter	Category	Department	Council District
Water	Water Prj	Transmission Mains	Water	Citywide

Project Name: IH-35 Expansion-Water/Sewer

Description: The relocation of water and sewer lines in conflict with the expansion/widening of IH-35W is being performed in partnership with TxDOT.

Justification: TxDOT is widening IH-35W from Spur 280 north to Eagle Parkway, requiring the relocation of water and sewer mains in conflict with the project. The relocations, with the exception of City betterments, are partially reimbursable.

Projected Date Range: Programmable

Project Request	FY2020	FY2021	FY2022	FY2023	FY2024	Total
IH35 Expansion-Water/Sewer P_P00085	\$ 2,500,000	\$ 600,000	\$ -	\$ -	\$ -	\$ 3,100,000

Funding Source	FY2020	FY2021	FY2022	FY2023	FY2024	Total
WS Future Debt	2,500,000	600,000	-	-	-	3,100,000
Total	\$ 2,500,000	\$ 600,000	\$ -	\$ -	\$ -	\$ 3,100,000

Full Annual Operating Budget Impact

	Fund	Department	Amount	AP's
Revenue				
Personnel Costs				
Operating Costs				
Total				

Impact Comments: This is a programmable project and will not incur operational costs.

Project Details

Plan	Chapter	Category	Department	Council District
Water	Water Prj	Trinity River Vision	Water	Citywide

Project Name: Trinity River Vision Program - Water and Sewer

Description: The water and sewer portion of the TRV program relocates water and sewer lines that are in conflict with the U.S. Army Corps of Engineers (USACE) Trinity River Vision-Central City flood control project and extending or increasing the size of water and sewer mains to address City operational or future development requirements.

Justification: The TRV program includes a master plan adopted by the City Council and is in partnership with the Tarrant Regional Water District (TRWD), Trinity River Vision Authority (TRVA), USACE, Tarrant County, the Texas Department of Transportation (TxDOT) and Streams and Valleys, Inc. It is anticipated the City will be reimbursed for a portion of the costs as defined in the Interlocal Cooperative Agreement with the TRWD adopted by the City Council.

Projected Date Range: FY2020 - FY2023

Project Request	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Trinity River Vision Program - Water and Sewer	\$ 8,650,700	\$ 28,563,500	\$ 9,186,793	\$ 5,870,749	\$ -	\$ 52,271,742

Funding Source	FY2020	FY2021	FY2022	FY2023	FY2024	Total
WS Future Debt	8,650,700	28,563,500	9,186,793	5,870,749	-	52,271,742
Total	\$ 8,650,700	\$ 28,563,500	\$ 9,186,793	\$ 5,870,749	\$ -	\$ 52,271,742

Full Annual Operating Budget Impact

	Fund	Department	Amount	AP's
Revenue				
Personnel Costs				
Operating Costs				
Total				

Impact Comments: This project will not incur operational costs.

Project Details

Plan	Chapter	Category	Department	Council District
Water	Water Prj	Vehicles	Water	Citywide

Project Name: Water FY20 Vehicles/Heavy Equipment

Description: Replacements of vehicles for Field Operations, Meter Services, Safety and Security.

Justification: Vehicles have reached the end of their service life.

Projected Date Range: FY 2020

Project Request	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Water FY20 Vehicles/Heavy Eqmt P_102131	\$ 1,519,000	\$ -	\$ -	\$ -	\$ -	\$ 1,519,000

Funding Source	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Water & Sewer	1,519,000	-	-	-	-	1,519,000
Total	\$ 1,519,000	\$ -	\$ -	\$ -	\$ -	\$ 1,519,000

Full Annual Operating Budget Impact

	Fund	Department	Amount	AP's
Revenue				
Personnel Costs				
Operating Costs				
Total				

Impact Comments: This capital project will not incur operational costs.

Project Details

Plan	Chapter	Category	Department	Council District
Water	Water Prj	Water Trtmt Plants	Water	Citywide

Project Name: WTP Minor Improvements

Description: Projects located at the Utility's five water treatment plants (Eagle Mountain, North and South Holly, Rolling Hills and Westside). Fort Worth uses surface water from six sources: Lake Worth, Eagle Mountain Lake, Lake Bridgeport, Lake Benbrook, Cedar Creek and Richland-Chambers Reservoirs. The water is collected and pumped from the lakes to our raw water pump station. It is then carefully treated to remove harmful organisms and substances. The steps in the treatment process, as required by federal and state regulations, are outlined below.

Justification: These projects may include plant expansion projects to accommodate growth; regulatory required process additions or modifications; and rehabilitation or replacement of existing older and/or obsolete equipment.

Projected Date Range: Programmable

Project Request	FY2020	FY2021	FY2022	FY2023	FY2024	Total
WTP Minor Improvements	\$ 4,600,000	\$ 10,750,000	\$ 11,100,000	\$ 10,000,000	\$ 11,200,000	\$ 47,650,000

Funding Source	FY2020	FY2021	FY2022	FY2023	FY2024	Total
Water & Sewer	400,000	750,000	-	-	-	1,150,000
Water Impact Fee	1,200,000	-	-	-	-	1,200,000
WS Future Debt	3,000,000	10,000,000	11,100,000	10,000,000	11,200,000	45,300,000
Total	\$ 4,600,000	\$ 10,750,000	\$ 11,100,000	\$ 10,000,000	\$ 11,200,000	\$ 47,650,000

Full Annual Operating Budget Impact

	Fund	Department	Amount	AP's
Revenue				
Personnel Costs				
Operating Costs				
Total				

Impact Comments: This is a programmable project and will not incur operational costs.