

City of Denton, Texas  
Capital Improvement Program

**2023 – 2027**

A Community Reinvestment Plan

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CITY OF DENTON, TEXAS

**FY 2023-2027**

**Capital Improvement Program (CIP)**

Gerard Hudspeth, Mayor

**City Council**

Vicki Byrd	District 1
Brian Beck, Mayor Pro Tem	District 2
Jesse Davis	District 3
Alison Maguire	District 4
Brandon Chase McGee	At-Large Place 5
Chris Watts	At-Large Place 6

**City Management Staff**

Sara Hensley, City Manager

David Gaines, Deputy City Manager

Christine Taylor, Assistant City Manager

Frank Dixon, Assistant City Manager

Cassey Ogden, Chief Financial Officer

Nick Vincent, Assistant Director of Finance

Rebecca Diviney, Director of Capital Projects / City Engineer

Tony Puente, DME General Manager

Stephen Gay, Director of Water Utilities

Ethan Cox, Director of Public Works

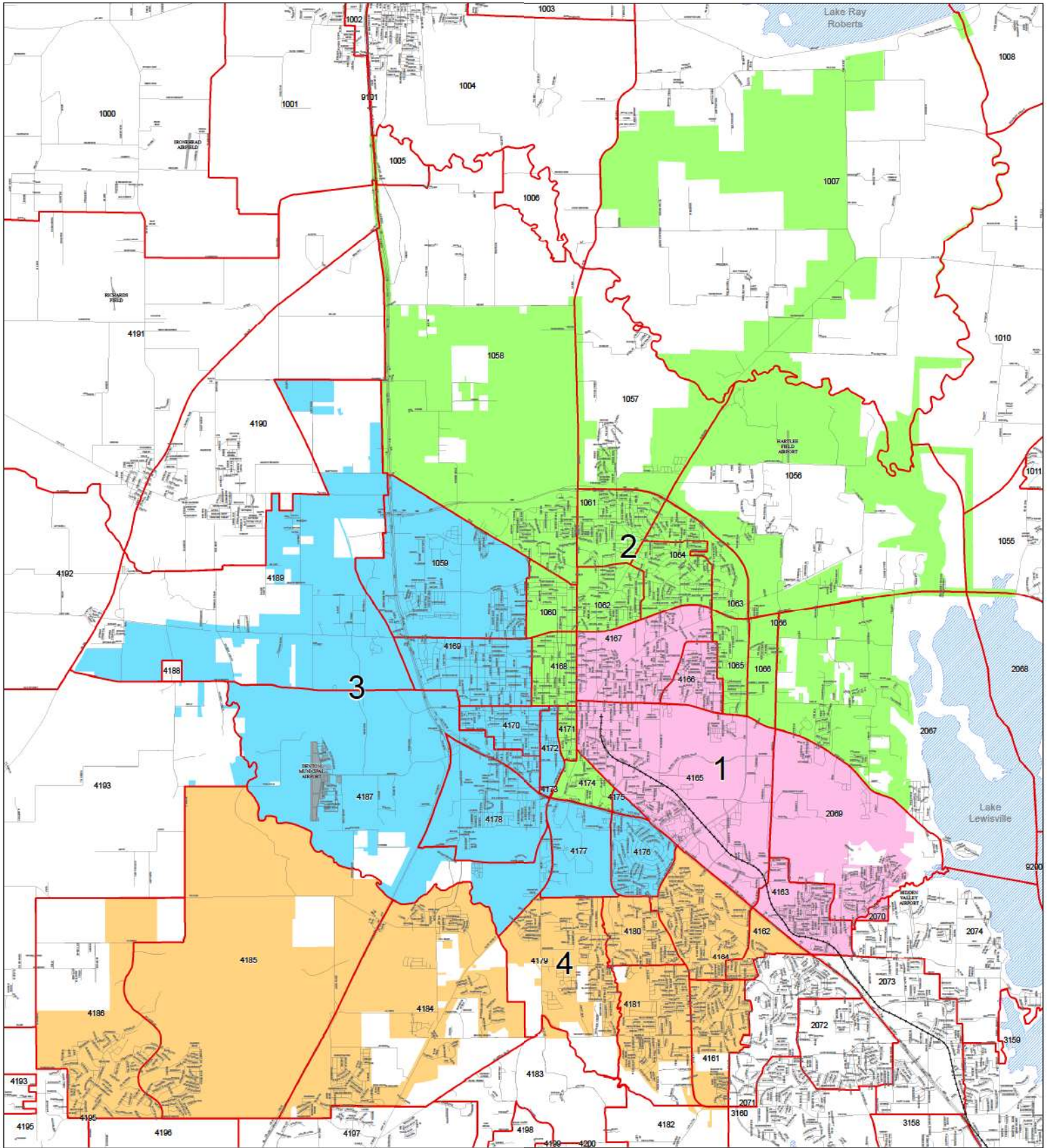
Scott Gray, Director of Facilities

Brian Boerner, Director of Solid Waste

Gary Packan, Director of Parks & Recreation

Leisha Meine, Chief Technology Officer

# CITY OF DENTON



**Legend**

- DCTA Route
- Voter Precincts
- District 1
- District 2
- District 3
- District 4
- Lakes

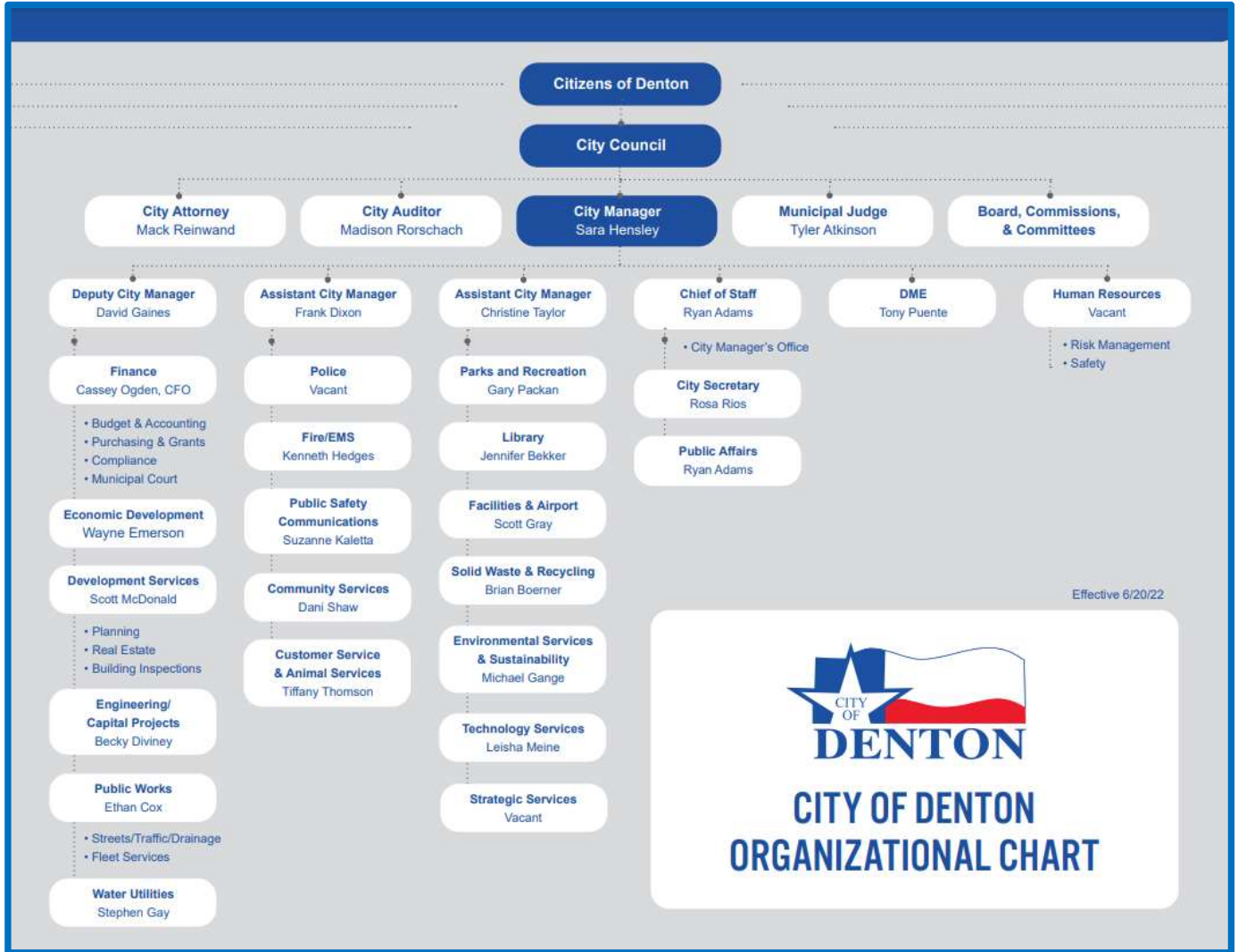


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# Organizational Chart

## FY 2022-23



Effective 6/20/22



**CITY OF DENTON**

**CITY OF DENTON**

**ORGANIZATIONAL CHART**

# *Capital Improvement Program (CIP)*

## *FY 2023-2027 CIP OVERVIEW*

The Capital Improvement Program (CIP) represents the City's five-year plan for infrastructure and equipment funding. The CIP is reviewed each year to reflect changing priorities, as well as to monitor the impact of capital projects on operating budgets and for project scheduling and coordination.

All projects included in the first year of the Capital Program are included in the FY 2022-23 Adopted Budget. Projects included in the “out-years” (2024 -2027) will be approved by Council in concept only. The Program will be updated annually to address specific needs as they arise or as Council goals and policies change.

## *CIP DEVELOPMENT PROCESS*

Each year, the Capital Improvement Plan is developed through a collaborative process between Finance staff, project managers, departments, and the City Manager’s Office. The list of potential projects is primarily derived from citizen input, staff evaluation, and outside expertise. While we continue to refine this process, the basic components include: call for projects, project submission, project review & rating, revenue estimation, project coordination, document preparation, & City Council consideration.

- *Capital Budget Calendar for FY 2022-23*

Each year Finance staff compile the budget calendar to include the tasks for both the operating budget and the CIP. The current capital budget cycle kicked off in December 2021 with a presentation to departments. Staff then coordinated meetings with the departments following the kickoff to answer questions and ensure department staff were comfortable with the submission process. Through the following months, Finance staff held both individual and interdepartmental meetings to ensure the CIP was thoroughly evaluated from the perspective of all stakeholders. It is important to remember that although the operating budget and CIP are two separate processes, the CIP can have a substantial impact on the operating budget. As a result, budget staff developed the calendar with consideration of the operating budget in mind, along with any state or local code requirements for the budget process, such as specific deadlines.

- *Developing CIP Forms*

Each year Finance staff develops submission forms for the CIP process. The forms are important to the process because they lay the foundation for each CIP request and provide a uniform method for submitting a CIP request. Each identified capital need is documented with a description, justification, and cost estimate along with other pertinent details.

- *Call for Projects & Capital Project Submission*

The call for projects typically occurs between December - January each fiscal year. A notification is sent to all City departments and divisions advising them that the project

submission period is open and that materials have been published for use in submitting their projects. After the initial call for projects, a meeting is held with all departments to review the process and expectations. The departments are given approximately four weeks to develop the initial project submissions.

Departments should be prepared to justify the need for any improvement that has been identified in the CIP submissions. Relevant staff in the department should complete the CIP submission form developed by the budget staff. Typically, requests for capital improvements require the following information:

- Project description
  - Project purpose
  - Project justification
  - Funding requirement
  - Operating impact
- *Capital Project Review, Prioritization, and Scheduling*  
Upon receiving capital project submissions, the Finance staff reviews each capital project. Through this process, each project is evaluated as to its ability to impact health, safety & welfare of citizens and employees, its ability to meet mandated requirements, its ability to offer significant operational efficiencies, and/or its ability to meet a defined long-term need. Projects are also prioritized according to the availability of revenues, individual project feasibility, debt capacity, impact on operations, and stated Council priorities. The proposed CIP is reviewed and revised by the City Manager's Office, then formalized in a Capital Improvement Plan document. The capital budget and CIP are then presented to City Council for consideration. The first year of the CIP plan is known as the Capital Budget and is appropriated as of October 1 of the fiscal year.

### *POLICIES AND FINANCING STRATEGIES*

The General Government CIP includes non-utility projects such as streets, parks, and other general government facilities that are typically funded through general obligation bonds or certificates of obligation. Internal service funds such as fleet services, communications, technology services, facilities, and materials management will also utilize the same financing methods.

The Utility CIP has historically been funded through revenue bonds and includes projects that benefit the City's enterprise funds such as electric, water, wastewater, and solid waste. Beginning in June 2010, management elected to discontinue issuing utility system revenue bonds in favor of issuing certificates of obligation. The purpose of this change is to take advantage of interest savings associated with the higher AA+ bond rating for certificates of obligation. However, in FY 2016-17, the City issued utility system revenue bonds for construction of an Electric Quick Start Peak Power Generation Facility for its electric operation. The Public Utilities Board (PUB) serves as an advisory board to the Utilities and ultimately recommends a CIP to the City Council.

Approximately every five years, the City may appoint a citizen's committee to make recommendations to Denton residents for capital improvement needs. The criteria listed below



serve as the basis for staff recommendations regarding CIP projects related to general obligation bond sales:

1. Public safety, health and life
2. Service demands
3. Legal requirements, liability or mandate
4. Quality and reliability of current service level
5. Economic growth and development
6. Recreational, cultural, and aesthetic value
7. Funding ability
8. Operating budgets

The City has established the following policies and financing strategies to guide staff in developing the CIP:

- A capital project is a fixed asset with an initial cost greater than \$5,000 and a projected useful life greater than 5 years. Capital projects may include infrastructure, buildings, vehicles, or information technology equipment and software. Planning and design costs associated with the project should be included in the projected costs when applicable.
- The term of any city debt issue shall not exceed the useful life of the asset for which the debt is issued.
- The capital program will recognize the borrowing limitation of the City to maintain fiscal stability.
- The City will search for all possible outside funding sources for CIP projects to help offset city debt, including grants, private-partnerships, and intergovernmental agreements.

#### *FY 2022-23 GENERAL FUND CIP PROJECTS*

The FY 2022-23 General Government CIP proposes the issuance of \$34.35 million in General Obligation Bonds representing the fourth year of bond projects approved by voters in November 2019. In addition, the General Government CIP proposes the issuance of \$30.26 million in Certificates of Obligation for the following projects: \$7.48 million for vehicles & equipment; \$1.3 million for fleet software and infrastructure improvements, \$13.1 million for Fire Station No. 9, \$1.5 million for drainage improvements, \$1.02 million for ADA upgrades, \$481,000 for parks improvements, and \$4.0 million for maintenance of city facilities.

Additionally, General Government CIP proposes to revenue fund \$200,000 for bike lanes, \$300,000 for Parks Capital Maintenance program, and \$470,000 for Aquatics Capital Maintenance program.

#### *CIP IMPACT UPON OPERATING BUDGETS*

When certain types of capital projects are developed and completed, they have ongoing financial impacts upon the City's operating budgets. These impacts may be in the form of personnel costs, or operating costs such as maintenance, supplies, electricity, fuel, janitorial services etc. and new program costs. Typically, replacement capital projects do not have an immediate operating impact on the City's current or future budgets if they are replacing an existing asset.

# *Capital Budget Calendar*

## *FY 2021-22*

<b>CIP Budget Calendar</b>		<b>Operating Budget Calendar</b>	
<b>Date</b>	<b>Action</b>	<b>Date</b>	<b>Action</b>
December 10	CIP Budget Kick-off	February 22-25	Operating Budget Kick-off
January 21	Call for CIP Projects Due to Finance	March 1-7	Budget Prep Workshops Available
February	CIP Review Meetings – Departments & Finance	March 25	Operating Budgets Due (see checklist on pg. 12)
March 15	CIP Revisions Due to Finance	March 28 – April 8	Finance Review and Analysis
March 16-31	Finance meeting with CMO & Executive Staff to prioritize projects.	April 11 - 22	Operating Budget Review Meetings – Departments & Finance
April	Budget staff draft CIP budget document	April 26	Final Revisions due to Finance
May	Draft CIP budget document and preliminary supplemental list presented to CMO and Executive Staff		
June 7	CIP Budget Work Session with Council		
July 19	Utility Budget Work Session with Council		
August 6	Budget Workshop with City Council – departments present supplementals & are available to answer questions		
September	9/20 – Public Hearing on budget and tax rate. 9/27 - City Council adopts CIP and Operating budget for FY 2022-23, tax rate, utility rates and other fee schedules		

# *Bond Program Summary*

## *BOND ISSUANCE SUMMARY*

The City of Denton utilizes long-term debt to finance non-operating expenses, which may include equipment, facilities, and the acquisition of land. Unlike the Federal Government, the City cannot issue debt to fund operating expenses or deficit spending. All debt issued by the City must be approved by the Texas Attorney General's Office prior to the final sale of the debt.

The City issues two types of long-term debt: General Obligation Debt and Revenue Bond Debt. The City also differentiates between tax-supported and revenue-supported debt to provide the public with a clear understanding of which debt will be paid by property taxes versus rate revenues.

## *BOND OVERSIGHT COMMITTEE*

The City's Bond Oversight Committee serves to ensure efficiency, equity, timeliness, and accountability in the implementation of the City's voter approved General Obligation (GO) bond program. The Committee monitors the City's plans relating to the issuance of bonds and the implementation of projects approved in a bond election, including the annual appropriation of bond funds, and any changes in the amount of bond funds issues or cash commitments made, assess current City facilities and needs, prioritize proposals, and make recommendations to the City Council.

## *BOND ISSUANCES*

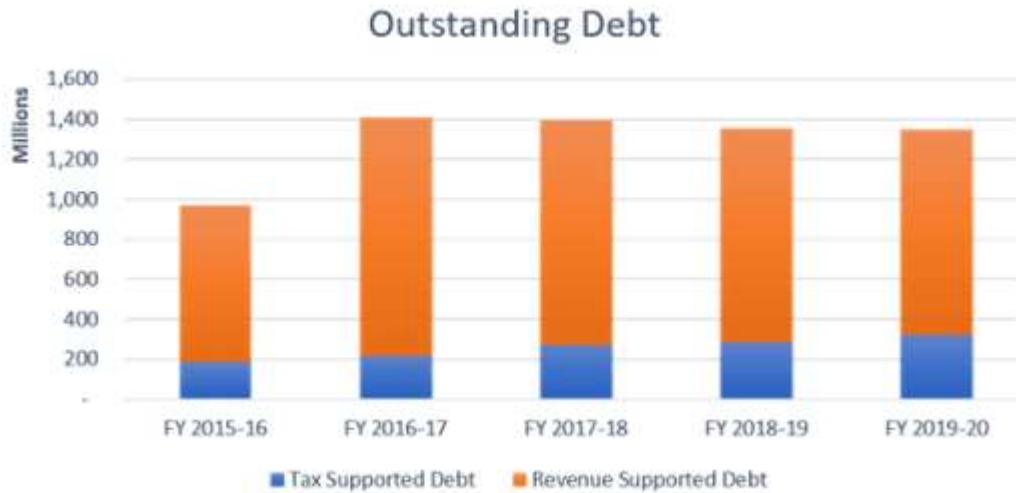
General obligation debt can be issued as either General Obligation bonds (bond election), or as Certificates of Obligations which do not require a bond election, but are more restrictive in their allowable use.

- General Obligation bonds (GOs) are generally voter approved and backed by the full faith and credit of the City (property tax pledge) and must be approved at an election. Voter approval may be granted during one of two general election dates each year. GOs which are issued to refund outstanding debt do not require voter approval. Under the City's debt policy, GOs strive to have a final maturity of twenty (20) years or less.
- Certificates of Obligation (COs) do not require voter approval and generally have a dual pledge of a specific City revenue source as well and the full faith and credit of the City. House Bill 1869 from the 2021 Texas legislative session limits the use of COs to specific purposes including self-supporting debt, designated infrastructure, vehicles, existing facility renovations, public safety, and utility system improvements. Some examples of pledged City revenues are electric, water, wastewater, and drainage revenues. Under the City's debt policy, COs will strive to have a final maturity of thirty (30) years or less.

Revenue bonds are secured by only a pledge of the operating revenues of the City's electric, water and wastewater funds (collectively known as the "Utility System") and not the full faith and credit of the City. Under the City's debt policy, revenue bonds will strive to have a final maturity of thirty (30) years or less. Historically, most revenue bonds have been issued with a twenty (20) year final maturity.

## *DEBT SERVICE FUNDING*

The majority of the City's outstanding debt is funded with revenue from the purpose for which it was issued. The chart below summarizes the outstanding general obligation debt payment source for the five prior fiscal years.



***BOND PROGRAMS***

Bond programs provide the City of Denton with funds to finance large capital improvements. A bond program includes both the authority to issue bonds and a listing of the capital improvement projects for which the funds may be used. A capital improvement project is any major improvement to City facilities and/or infrastructure. Capital improvement projects typically include projects such as:

- Street construction, reconstruction, or rehabilitation
- Construction or renovation of City facilities, such as fire stations and libraries
- Land acquisition for new parks

All of the bond election projects are included in the City’s Capital Improvement Program. Although capital improvement projects can be very different, most require multiple years to complete, are financed over a long period of time, and require a series of work phases to complete, such as planning, design, and construction.

The City makes every effort to structure the bond programs in a way that considers current financial conditions, trends, and forecasts to minimize requiring a tax rate increase. Due to General Obligation (GO) bond issuance being subject to economic conditions at the time of issuance, such as possible decreases in property values, reduction of tax rates, and other factors, no assurance can be given that the projected impact on property taxes can be achieved.

**2014 Bond Program**

In 2014, Denton voters approved a bond program for street improvements, public safety facilities, stormwater drainage and flood control improvements, and park system improvements. The program has been supplemented by additional funding sources (revenue, grants, certificates of obligation). The program, including the additional funding sources, is currently 71% spent as of June 1, 2022.

<b>Proposition</b>	<b>Proposition Amount</b>	<b>Total Program</b>	<b>Total Spent</b>	<b>Total Encumbered</b>	<b>Total Remaining</b>
Proposition 1: Street Improvements	\$ 61,710,000	\$ 87,697,403	\$ 51,270,236	\$ 19,197,492	\$ 17,229,675
Proposition 2: Public Safety Facilities	16,565,000	23,009,990	22,931,138	73,175	5,677
Proposition 3: Stormwater Drainage & Flood Control Improvements	8,545,000	11,893,709	11,118,941	800	773,968
Proposition 4: Park System Improvements	11,355,000	23,341,825	18,813,324	4,241,362	287,136
<b>Total</b>	<b>\$ 98,175,000</b>	<b>\$ 145,942,927</b>	<b>\$ 104,133,639</b>	<b>\$ 23,512,829</b>	<b>\$ 18,296,456</b>

### 2019 Bond Program

The 2019 Bond Program includes \$220,900,000 of public securities for street improvements, public safety facilities for Police, and the purchase of land for parks. The program has been supplemented by additional funding sources (revenue, grants, certificates of obligation). The program, including the additional funding sources, is currently 25% spent as of June 1, 2022.

<b>Proposition</b>	<b>Proposition Amount</b>	<b>Total Program</b>	<b>Total Spent</b>	<b>Total Encumbered</b>	<b>Total Remaining</b>
Proposition 1: Street Improvements	\$ 154,000,000	\$ 154,000,000	\$ 13,822,176	\$ 7,040,402	\$ 133,137,422
Proposition 2: Public Safety Facilities	61,900,000	61,900,000	41,089,766	15,038,112	5,772,123
Proposition 3: Park Land Acquisition	5,000,000	5,000,000	2,688,411	0	2,311,589
<b>Total</b>	<b>\$ 220,900,000</b>	<b>\$ 220,900,000</b>	<b>\$ 57,600,353</b>	<b>\$ 22,078,514</b>	<b>\$ 141,221,134</b>



## Summary Schedules

*Capital Improvement Program (CIP)*  
*FY 2022 - 2023 Preliminary Capital Budget*

The Capital Improvement Program (CIP) represents the City's plan for infrastructure and equipment funding. The CIP is reviewed each year to reflect changing priorities, as well as to assess the impact of capital projects on operating budgets and for project scheduling and coordination.

The CIP adopted budget appropriates all available programmed funds and planned issuances of new General Obligation Bonds (GOs) and Certificates of Obligation (COs). Total existing appropriated funds in the amount of \$445.1 million include unspent bond proceeds, internal revenue transfers and outside contributions. Preliminary planned new funding for FY 2022-23 is \$299.1 million based on project submissions by the departments. Provided below is a summary of the total preliminary FY 2022-23 CIP capital budget. Further CIP detail for planned issuances is provided in the following pages for each division.

DIVISION	TOTAL CURRENT APPROPRIATED	PROPOSED NEW FUNDING					FY 22-23 TOTAL
		EXTERNAL FUNDING <sup>1</sup>	REVENUE FUNDING	IMPACT FEE FUNDING	GO ISSUANCES	CO ISSUANCES	
General Government	\$ 219,835	\$ -	\$ 8,567	\$ 3,500	\$ 34,355	\$ 30,264	296,521
Electric	89,491	4,400	1,150	-	-	74,962	170,002
Water	58,773	6,200	12,285	3,500	-	31,688	112,446
Wastewater	62,618	20,648	4,825	-	-	40,948	129,039
Solid Waste	11,539	-	3,545	-	-	16,000	31,084
Airport	2,837	-	-	-	-	2,220	5,057
<b>TOTAL</b>	<b>\$ 445,093</b>	<b>\$ 31,248</b>	<b>\$ 30,372</b>	<b>\$ 7,000</b>	<b>\$ 34,355</b>	<b>\$ 196,081</b>	<b>\$ 744,150</b>

<sup>1</sup>Aid in Construction/Cost Participation.

<sup>2</sup>All figures in this document are in thousands ('000's).

*Funding Table Definitions*

**Total Current Appropriated**

This column represents the amount of existing funding set aside for a specific and particular purpose in projects which may be encumbered, but not yet expended.

**External Funding**

This column represents funding received from an outside agency. For FY 22-23 the entirety of the column is aid-in-construction funds.

**Revenue Funding**

This column represents the amount of funding the City will transfer into projects as revenue becomes available during the fiscal year. This can include property or sales tax receipts, or other sources of revenue such as fees and fines.

**Impact Fee Funding**

This column represents revenue collected by the City to offset the cost of providing additional public services for a new development.

**GO Issuance**

This column represents bond proceeds whose principal and interest are paid from either property tax or revenue. The issuance of GOs must be approved by voters.

**CO Issuance**

This column represents bond proceeds whose principal and interest are paid from either property tax or revenue. The issuance of COs do not require voter approval, but are restrictive in their use to specific public purposes such as public safety, parks, vehicles, utility systems, and airports.

**Preliminary Capital Improvement Program**  
**General Government Summary**  
**Cash Requirements**  
**(In Thousands)**

CATEGORY	2022-23	2023-24	2024-25	2025-26	2026-27	TOTAL
2019 Bond Election (Proposition 1) - Streets	\$ 34,355	\$ 35,600	\$ 18,900	\$ -	\$ -	\$ 88,855
<b>General Obligation Bonds</b>	<b>\$ 34,355</b>	<b>\$ 35,600</b>	<b>\$ 18,900</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 88,855</b>
General Government - Fleet Management Software	\$ 1,000	\$ -	\$ -	\$ -	\$ -	\$ 1,000
General Government - Fleet Fuel Infrastructure Updates	300	650	-	-	-	950
General Government - Finance ERP Replacement	2,000	4,500	4,500	-	-	11,000
General Government - Facility Maintenance Program <sup>1</sup>	4,000	4,000	4,000	4,000	4,000	20,000
General Government - Facility Security System Updates	680	80	80	80	80	1,000
General Government - Facility ADA Upgrades	722	1,069	1,310	1,298	1,190	5,589
General Government - Parks ADA Upgrades	300	309	318	327	337	1,591
General Government - Parks Inclusive Playground Design	200	-	-	-	-	200
General Government - Parks Parkside Playground	281	-	-	-	-	281
General Government - Vehicle/Equipment Additions <sup>2</sup>	2,455	2,500	-	-	-	4,955
General Government - Vehicle/Equipment Replacements	3,726	4,956	4,396	5,564	3,342	21,984
General Government - Fire Station No. 9: Airport	13,100	-	-	-	-	13,100
General Government - Fire Station: Legends Ranch	-	-	-	500	15,000	15,500
General Government - Drainage Improvements	1,500	-	-	-	-	1,500
<b>Certificates of Obligation</b>	<b>\$ 30,264</b>	<b>\$ 18,064</b>	<b>\$ 14,604</b>	<b>\$ 11,769</b>	<b>\$ 23,949</b>	<b>\$ 98,650</b>
General Fund - Streets Fund	\$ 5,400	\$ 5,700	\$ 6,000	\$ 6,300	\$ 6,600	\$ 30,000
General Fund - Bike Lanes	200	200	200	200	200	1,000
General Fund - Parks Maintenance	300	425	709	931	376	2,741
General Fund - Aquatics Maintenance <sup>3</sup>	470	380	180	498	104	1,633
General Fund - Technology Services <sup>4</sup>	2,198	1,763	3,219	3,943	2,234	13,357
<b>Revenue Funded</b>	<b>\$ 8,567</b>	<b>\$ 8,468</b>	<b>\$ 10,309</b>	<b>\$ 11,873</b>	<b>\$ 9,514</b>	<b>\$ 48,731</b>
General Government - Street Improvements	\$ 3,500	\$ 3,675	\$ 3,850	\$ 4,000	\$ 4,200	\$ 19,225
<b>Impact Fees</b>	<b>\$ 3,500</b>	<b>\$ 3,675</b>	<b>\$ 3,850</b>	<b>\$ 4,000</b>	<b>\$ 4,200</b>	<b>\$ 19,225</b>
<b>GRAND TOTAL</b>	<b>\$ 76,686</b>	<b>\$ 65,807</b>	<b>\$ 47,663</b>	<b>\$ 27,642</b>	<b>\$ 37,663</b>	<b>\$ 255,461</b>
Revenue Funded	\$ 8,567	\$ 8,468	\$ 10,309	\$ 11,873	\$ 9,514	\$ 48,731
Impact Fees	3,500	3,675	3,850	4,000	4,200	19,225
General Obligation Bonds	34,355	35,600	18,900	0	0	88,855
Certificates of Obligation	30,264	18,064	14,604	11,769	23,949	98,650
<b>GRAND TOTAL</b>	<b>\$ 76,686</b>	<b>\$ 65,807</b>	<b>\$ 47,663</b>	<b>\$ 27,642</b>	<b>\$ 37,663</b>	<b>\$ 255,461</b>
Total Current Appropriated	\$ 219,835					
<b>GENERAL GOVERNMENT TOTAL</b>	<b>\$ 296,521</b>					

<sup>1</sup> Facility Maintenance Program is for HVAC, Flooring, Roof Replacements and Facility Improvements.

<sup>2</sup> All new vehicles are submitted as supplemental requests. Requests are still under review.

<sup>3</sup> New funding starting in FY 22-23 to address deferred aquatic maintenance needs. Funding needs are lower in future years once the maintenance is up to date.

<sup>4</sup> Funding via transfers from end user departments. Unencumbered funding identified in projects will be utilized first. The figure above for FY 22-23 represents total requested funding exclusive of existing project dollars.



**Preliminary Capital Improvement Program**  
**Utility / Enterprise Summary**  
**Cash Requirements**  
**(In Thousands)**

	2022-23	2023-24	2024-25	2025-26	2026-27	TOTAL
Electric	\$ 81,723	\$ 54,384	\$ 33,895	\$ 41,500	\$ 23,861	\$ 235,363
Water	54,031	47,230	57,300	37,851	26,953	223,365
Wastewater	68,343	72,327	40,948	33,310	23,856	238,784
Solid Waste	23,235	8,810	6,450	9,732	4,500	52,727
Airport	2,220	-	-	-	-	2,220
<b>Total Preliminary Projects</b>	<b>\$ 229,552</b>	<b>\$ 182,752</b>	<b>\$ 138,592</b>	<b>\$ 122,394</b>	<b>\$ 79,170</b>	<b>\$ 752,459</b>
Certificates of Obligation	\$ 165,817	\$ 153,496	\$ 105,265	\$ 90,232	\$ 52,533	\$ 567,343
Revenue Funded Capital	21,805	20,166	21,971	17,853	18,635	100,430
Cost Participation	31,248	2,650	5,600	7,650	1,220	48,368
Impact Fee Funding	3,750	250	250	250	250	4,750
Vehicle Replacement Fund	6,932	6,189	5,507	6,409	6,531	31,568
<b>Total Funding</b>	<b>\$ 229,552</b>	<b>\$ 182,752</b>	<b>\$ 138,592</b>	<b>\$ 122,394</b>	<b>\$ 79,170</b>	<b>\$ 752,459</b>
Total Current Appropriated	\$ 218,327					
<b>UTILITY / ENTERPRISE TOTAL</b>	<b><u>\$ 447,879</u></b>					

## Capital Improvement Program

### 2019 Bond Election Timeline

	Prior Issued	FY 22-23	FY 23-24	FY 24-25	FY 25-26	TOTAL
<b>GENERAL OBLIGATION BOND PROGRAM</b>						
Street Rehabilitation Program	\$ 18,600	\$ 20,000	\$ 18,000	\$ 13,400	\$ -	\$ 70,000
Bonnie Brae (V, VI, and VII)	19,500	7,500	-	-	-	27,000
Hickory Creek Road	21,045	4,855	8,100	-	-	34,000
Sidewalk Program	6,000	2,000	2,000	2,000	-	12,000
Street Lighting	-	-	3,500	3,500	-	7,000
Ryan Road	-	-	4,000	-	-	4,000
<b>2019 Bond Election (Proposition 1) - Streets Total</b>	<b>\$ 65,145</b>	<b>\$ 34,355</b>	<b>\$ 35,600</b>	<b>\$ 18,900</b>	<b>\$ -</b>	<b>\$ 154,000</b>
Police Headquarters Renovation, Substation, & Firing Range	\$ 61,900	\$ -	\$ -	\$ -	\$ -	\$ 61,900
<b>2019 Bond Election (Proposition 2) - Public Safety Facilities</b>	<b>\$ 61,900</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 61,900</b>
Davidson Property	\$ 1,500	\$ -	\$ -	\$ -	\$ -	\$ 1,500
Laney Property	1,700	-	-	-	-	1,700
Future Property	1,800	-	-	-	-	1,800
<b>2019 Bond Election (Proposition 3) - Parks</b>	<b>\$ 5,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 5,000</b>
<b>TOTAL 2019 BOND PROGRAM ISSUANCE</b>	<b>\$ 132,045</b>	<b>\$ 34,355</b>	<b>\$ 35,600</b>	<b>\$ 18,900</b>	<b>\$ -</b>	<b>\$ 220,900</b>

#### What Is a Bond Program?

A bond is an issuance of public debt that must be approved by voters. A city calls for a bond election in order to receive authority to use bonds for large, one-time projects. Issuing bonds provides upfront funding of infrastructure or other large projects. Bond financing also spreads the cost for a project over its useful life, which allows large, one-time projects to be paid for over time.

#### 2019 Bond Program Propositions

The City of Denton's 2019 bond program consisted of three voter-approved propositions. A proposition is a spending category that encompasses a group of similar infrastructure or amenity projects. The propositions within the proposed 2019 bond program were identified through the analysis of current use of facilities, overall road conditions, citizen surveys and feedback, and the impact that potential growth may have on mobility and public welfare. Each proposition includes information on the spending category and a maximum dollar amount that may be used for projects that fall in that category. Voters approve each individual proposition, not individual projects.

#### 2019 Bond Program Projects

As part of the development of the proposed bond program, the Special Citizens' Bond Advisory Committee (SCBAC) considered potential bond program projects and developed funding levels for the bond program based on the cost of the potential projects. The City Council further evaluated the SCBAC list of potential projects and included the above projects in the 2019 Bond Program.

#### 2019 Bond Program Timeline

When a bond program is approved by voters, the City of Denton issues the bonds over a period of 5-7 years. This ensures the projects are coordinated and sequenced correctly to avoid construction delays. Additionally, by issuing the bonds over a period of time, the financial impacts on the tax rate is minimized. FY 2022-2023 represents the fourth year in a seven year bond program. The figures above represent the authorized, but unissued bonds from the 2019 Bond Program.

# *Capital Improvement Program*

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## *Potential Future Bond Election Projects*

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### **PARKS & RECREATION**

Inclusive Playground  
Land Acquisition  
Trail Development  
Skate Park  
Cooper Creek Bridge  
Southwest Park Design & Construction  
Waterpark Refurbishment & Improvements

### **FACILITIES**

City Hall West  
South Branch Library  
Senior Center Design & Construction

### **STORMWATER IMPROVEMENTS**

Pecan Creek 4 (Phases 3 & 4)

### **STREET IMPROVEMENTS**

Mobility Plan Street Improvements  
Complete Streets



# Electric

**Proposed Capital Improvement Program**  
**Electric Summary**  
**Cash Requirements**  
**(In Thousands)**

**5-Year Summary - Project Category**

	2022-23	2023-24	2024-25	2025-26	2026-27	TOTAL
Automated Meter Reading	\$ 1,102	\$ 1,135	\$ 1,169	\$ 1,204	\$ 1,240	\$ 5,849
Building Construction	2,000	8,000	-	-	-	10,000
Distribution Substations	10,830	3,400	1,100	7,100	3,110	25,540
Distribution Transformers	2,400	2,400	2,400	2,400	2,400	12,000
Feeder Extensions & Improvements	12,640	7,000	4,470	4,023	3,400	31,533
New Residential & Commercial	5,000	3,912	2,939	2,967	2,996	17,814
Over to Under Conversions	500	-	-	-	-	500
Power Factor Improvement	500	200	100	100	100	1,000
Street Lighting	3,000	2,000	1,000	1,000	1,000	8,000
Plant Production	2,200	-	-	-	-	2,200
Technology - Software & Hardware	5,625	2,746	571	300	100	9,343
Electric Relocations	6,500	3,500	2,500	1,500	1,500	15,500
Vehicles	1,211	902	761	1,687	995	5,556
<b>Subtotal - Distribution</b>	<b>53,508</b>	<b>35,194</b>	<b>17,010</b>	<b>22,280</b>	<b>16,841</b>	<b>144,833</b>
Transmission Lines	\$ 10,900	\$ 4,525	\$ 11,860	\$ 11,020	\$ 2,370	\$ 40,675
Transmission Substation	17,315	14,665	5,025	8,200	4,650	49,855
<b>Subtotal - Transmission</b>	<b>28,215</b>	<b>19,190</b>	<b>16,885</b>	<b>19,220</b>	<b>7,020</b>	<b>90,530</b>
<b>GRAND TOTAL</b>	<b>\$ 81,723</b>	<b>\$ 54,384</b>	<b>\$ 33,895</b>	<b>\$ 41,500</b>	<b>\$ 23,861</b>	<b>\$ 235,363</b>

**5-Year Summary - Funding Source**

	2022-23	2023-24	2024-25	2025-26	2026-27	TOTAL
Debt Funded Capital	\$ 74,962	\$ 50,332	\$ 27,034	\$ 32,663	\$ 20,836	205,827
Revenue Funded Capital	1,150	500	500	500	810	3,460
Cost Participation	4,400	2,650	5,600	6,650	1,220	20,520
Vehicle Replacement Fund	1,211	902	761	1,687	995	5,556
<b>GRAND TOTAL</b>	<b>\$ 81,723</b>	<b>\$ 54,384</b>	<b>\$ 33,895</b>	<b>\$ 41,500</b>	<b>\$ 23,861</b>	<b>\$ 235,363</b>

Total Current Appropriated \$ 88,280

**FY 2022-23 Total Proposed** \$ 170,002

## Capital Improvement Program

### Electric CIP Projects

Budget #		FY 22-23	FY 23-24	FY 24-25	FY 25-26	FY 26-27	TOTAL
<b>AUTOMATED METER READING</b>							
DME-001	Single Phase Meters	\$ 855	\$ 881	\$ 907	\$ 934	\$ 962	\$ 4,539
DME-003	Three Phase Meters	88	90	93	96	99	465
DME-002	AMI & WAN Equipment	104	107	110	113	117	551
DME-004	Instrument Rated Equipment	55	57	59	61	62	294
	<b>TOTAL FUNDING</b>	<b>\$ 1,102</b>	<b>\$ 1,135</b>	<b>\$ 1,169</b>	<b>\$ 1,204</b>	<b>\$ 1,240</b>	<b>\$ 5,849</b>
<b>BUILDING CONSTRUCTION</b>							
DME-006	Backup Data Center	2,000	8,000	-	-	-	10,000
	<b>TOTAL FUNDING</b>	<b>\$ 2,000</b>	<b>\$ 8,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 10,000</b>
<b>DISTRIBUTION SUBSTATIONS</b>							
DME-007	Hickory Substation	\$ 2,100	\$ 1,050	\$ 100	\$ -	\$ -	\$ 3,250
DME-015	Substation Security(Dist)	100	100	100	100	100	500
DME-009	RTU Upgrades (Distribution)	100	100	100	100	100	500
DME-008	SCADA Master Computer Replacement (DS)	300	-	-	-	310	610
DME-010	Brinker Substation - Phase 2	1,700	350	-	-	-	2,050
DME-011	Underwood Substation (Distribution)	4,050	1,150	800	-	-	6,000
DME-012	Arco Substation 3rd XFMR Addition (Distribution)	2,400	350	-	-	-	2,750
DME-014	Relocate MK Spare XFMRs to Hickory GIS Substation	50	300	-	-	-	350
DME-016	Brinker Substation Drainage	30	-	-	-	-	30
DME-013	New Substation Southwest	-	-	-	3,400	2,600	6,000
DME-017	Distribution System Planning Study - 25 MVA Xfmr Additions	-	-	-	3,500	-	3,500
	<b>TOTAL FUNDING</b>	<b>\$ 10,830</b>	<b>\$ 3,400</b>	<b>\$ 1,100</b>	<b>\$ 7,100</b>	<b>\$ 3,110</b>	<b>\$ 25,540</b>
<b>DISTRIBUTION TRANSFORMERS</b>							
DME-018	Distribution Transformers	\$ 2,400	\$ 2,400	\$ 2,400	\$ 2,400	\$ 2,400	\$ 12,000
	<b>TOTAL FUNDING</b>	<b>\$ 2,400</b>	<b>\$ 2,400</b>	<b>\$ 2,400</b>	<b>\$ 2,400</b>	<b>\$ 2,400</b>	<b>\$ 12,000</b>
<b>FEEDER EXTENSION &amp; IMPROVEMENTS</b>							
DME-022	Distribution System Extensions & Improvements	\$ 1,000	\$ 1,250	\$ 1,250	\$ 1,250	\$ 1,250	\$ 6,000
DME-024	Distribution Automation	500	500	500	600	600	2,700
DME-027	Reliability Improvement Projects	500	100	100	100	100	900
DME-029	Annual Blankets - Storm Repairs/Replacements	515	515	515	515	515	2,575
DME-034	Security Lights	25	25	25	25	25	125
DME-021	Jim Christal Feeder Extension	500	1,000	1,000	-	-	2,500
DME-019	Pole Change-Outs	4,000	2,000	-	-	-	6,000
DME-031	RD Wells Feeder Extensions	800	1,200	-	-	-	2,000
DME-020	UNT Express Feeder from Locust Sub	1,500	-	-	-	-	1,500
DME-023	UNT Express Feeders from Hickory Sub	800	-	-	-	-	800
DME-025	Hickory Creek Feeder Extension	600	-	-	-	-	600
DME-026	Swisher - McKinney Tie Phase 3	600	-	-	-	-	600
DME-030	Downtown Area Switch Replacements	400	-	-	-	-	400
DME-032	Reconfigure Locust 211 Feeder	150	-	-	-	-	150
DME-033	I35 North Feeder Tie	750	-	-	-	-	750
DME-028	Annual Blankets - OH & UG Repairs/Replacements	-	410	410	410	410	1,640
DME-035	Distribution System Planning Study - GOAB Additions	-	-	70	35	-	105
DME-036	Distribution System Planning Study - Double Circuit OH Additions (#1)	-	-	600	-	-	600
DME-037	Distribution System Planning Study - Double Circuit OH Additions (#2)	-	-	-	913	-	913
DME-038	Distribution System Planning Study - Single Circuit OH Additions	-	-	-	175	-	175
DME-039	Distribution System Planning Study - Single Circuit UG Additions	-	-	-	-	500	500
	<b>TOTAL FUNDING</b>	<b>\$ 12,640</b>	<b>\$ 7,000</b>	<b>\$ 4,470</b>	<b>\$ 4,023</b>	<b>\$ 3,400</b>	<b>\$ 31,533</b>
<b>NEW RESIDENTIAL &amp; COMMERCIAL</b>							
DME-040	New Business Developments	\$ 2,115	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000	\$ 6,115
DME-041	Hunter/Cole Ranch Line Ext	2,000	2,000	1,000	1,000	1,000	7,000
DME-042	Annual Blanket - New Services	885	912	939	967	996	4,699
	<b>TOTAL FUNDING</b>	<b>\$ 5,000</b>	<b>\$ 3,912</b>	<b>\$ 2,939</b>	<b>\$ 2,967</b>	<b>\$ 2,996</b>	<b>\$ 17,814</b>
<b>OVER TO UNDER CONVERSIONS</b>							
DME-043	FY22/23 UNT Conversion (Undergrounding)	\$ 500	\$ -	\$ -	\$ -	\$ -	\$ 500
	<b>TOTAL FUNDING</b>	<b>\$ 500</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 500</b>

## Capital Improvement Program

### Electric CIP Projects

Budget #		FY 22-23	FY 23-24	FY 24-25	FY 25-26	FY 26-27	TOTAL
<b>POWER FACTOR IMPROVEMENT</b>							
DME-044	Capacitors & Controls for Power Factor and Voltage Correction	\$ 500	\$ 200	\$ 100	\$ 100	\$ 100	\$ 1,000
	<b>TOTAL FUNDING</b>	<b>\$ 500</b>	<b>\$ 200</b>	<b>\$ 100</b>	<b>\$ 100</b>	<b>\$ 100</b>	<b>\$ 1,000</b>
<b>PRODUCTION PLANT</b>							
DME-091	Denton Energy Center Winterization	\$ 2,200	\$ -	\$ -	\$ -	\$ -	\$ 2,200
	<b>TOTAL FUNDING</b>	<b>\$ 2,200</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 2,200</b>
<b>STREET LIGHTING</b>							
DME-047	Upgrade Existing Residential Lighting	\$ 500	\$ 500	\$ 500	\$ 500	\$ 500	\$ 2,500
DME-046	Additional & Replacement Lighting	500	500	500	500	500	2,500
DME-045	HPS to LED Streetlight Conversion	2,000	1,000	-	-	-	3,000
	<b>TOTAL FUNDING</b>	<b>\$ 3,000</b>	<b>\$ 2,000</b>	<b>\$ 1,000</b>	<b>\$ 1,000</b>	<b>\$ 1,000</b>	<b>\$ 8,000</b>
<b>VEHICLES</b>							
DME-099	Vehicle Replacements	\$ 1,211	\$ 902	\$ 761	\$ 1,687	\$ 995	\$ 5,556
	<b>TOTAL FUNDING</b>	<b>\$ 1,211</b>	<b>\$ 902</b>	<b>\$ 761</b>	<b>\$ 1,687</b>	<b>\$ 995</b>	<b>\$ 5,556</b>
<b>TECHNOLOGY SOFTWARE &amp; HARDWARE</b>							
DME-092	DME Work Management System	\$ 1,625	\$ 1,096	\$ 321	\$ 200	\$ -	\$ 3,243
DME-093	Clevest Upgrade	350	-	-	-	-	350
DME-094	PRC-005 Software	250	-	-	-	-	250
DME-095	Utility Network/OMS/AMI	3,000	1,500	100	100	100	4,800
DME-096	Substation Security Camera Update	400	150	150	-	-	700
	<b>TOTAL FUNDING</b>	<b>\$ 5,625</b>	<b>\$ 2,746</b>	<b>\$ 571</b>	<b>\$ 300</b>	<b>\$ 100</b>	<b>\$ 9,343</b>
<b>ELECTRIC RELOCATIONS</b>							
DME-097	TXDOT Road Relocations	\$ 5,000	\$ 3,000	\$ 2,000	\$ 1,000	\$ 1,000	\$ 12,000
DME-098	City of Denton Road Relocations	1,500	500	500	500	500	3,500
	<b>TOTAL FUNDING</b>	<b>\$ 6,500</b>	<b>\$ 3,500</b>	<b>\$ 2,500</b>	<b>\$ 1,500</b>	<b>\$ 1,500</b>	<b>\$ 15,500</b>
<b>TRANSMISSION LINES</b>							
DME-048	Hickory - Locust TM Line	\$ 4,400	\$ 300	\$ -	\$ -	\$ -	\$ 4,700
DME-049	Hickory Substation TM Tie-In	1,800	-	-	-	-	1,800
DME-050	I35 - Masch Branch to Denton North TM Line	2,100	-	-	-	-	2,100
DME-051	I35 - RD Wells To Hickory TM Line	600	-	-	-	-	600
DME-052	RD Wells - Denton West TM Line	2,000	2,800	2,110	-	-	6,910
DME-053	Bonnie Brae - North Lakes TM Line 138kV Conversion	-	45	-	-	-	45
DME-054	RD Wells - Hickory TM Line 138kV Conversion	-	30	-	-	-	30
DME-055	Hickory - RD Wells TM Line Reconstruction	-	-	2,600	1,800	-	4,400
DME-056	Woodrow - Brinker TM Line Reconstruction	-	-	900	500	-	1,400
DME-057	Woodrow - Locust TM Line Upgrade	-	-	600	1,800	900	3,300
DME-058	Cooper Creek - Brinker TM Line Reconstruction	-	-	1,100	900	-	2,000
DME-059	Underwood Substation TM Tie-in	-	1,350	150	-	-	1,500
DME-060	West Loop 288 - RDW to DN TML Reroute	-	-	900	1,200	-	2,100
DME-061	West Loop 288 - DW to FW TML Reroute	-	-	1,300	2,100	-	3,400
DME-062	West Loop 288 - MB - DN TML Reroute	-	-	1,300	2,100	-	3,400
DME-063	New Southwest Substation TM Tie-in	-	-	-	-	1,300	1,300
DME-064	Spencer Int. to Pockrus TM Line Upgrade	-	-	900	500	-	1,400
DME-065	Jim Christal - Masch Branch TMLine	-	-	-	-	170	170
DME-066	Spencer Interchange- Brinker Substation TM Line	-	-	-	120	-	120
	<b>TOTAL FUNDING</b>	<b>\$ 10,900</b>	<b>\$ 4,525</b>	<b>\$ 11,860</b>	<b>\$ 11,020</b>	<b>\$ 2,370</b>	<b>\$ 40,675</b>
<b>TRANSMISSION SUBSTATION</b>							
DME-067	Hickory GIS Substation	\$ 12,495	\$ 7,350	\$ 400	\$ -	\$ -	\$ 20,245
DME-068	SCADA Master Computer Replacement	300	-	-	-	300	600
DME-069	Ethernet Security Gateway Relays at Multiple Stations	150	150	150	150	150	750
DME-070	Kings Row Substation SSVT Install	70	-	-	-	-	70
DME-071	Locust Substation SSVT Installation	70	-	-	-	-	70
DME-072	North Lakes Substation SSVT Installation	70	-	-	-	-	70
DME-073	Bonnie Brae Substation Upgrade	100	390	-	-	-	490
DME-074	Denton West Interchange Breaker Replacement	350	-	-	-	-	350
DME-075	RTU Upgrade (Transmission)	100	100	100	100	100	500
DME-076	Denton West Interchange Autotransformer Addition	1,350	2,450	2,100	-	-	5,900
DME-077	Denton West Interchange Drainage	-	200	-	-	-	200
DME-078	McKinney Substation SSVT Installation	120	-	-	-	-	120
DME-079	Cooper Creek Substation SSVT Installation	120	-	-	-	-	120
DME-010	Brinker Substation - Phase 2	100	100	-	-	-	200


## Capital Improvement Program

### Electric CIP Projects


Budget #		FY 22-23	FY 23-24	FY 24-25	FY 25-26	FY 26-27	TOTAL
	<b>TRANSMISSION SUBSTATION (Cont.)</b>						
DME-081	North Lakes Substation Autotransformer Decommissioning	-	75	75	-	-	150
DME-082	Underwood Substation (Transmission)	1,200	3,400	2,100	-	-	6,700
DME-083	RD Wells Interchange Upgrade	-	-	-	1,500	-	1,500
DME-084	Denton West Interchange Brazos Tie-In	-	-	-	1,250	1,050	2,300
DME-085	RD Wells Interchange Autotransformers Decommissioning	-	-	-	-	450	450
DME-086	Arco Substation 3rd XFMR Addition	450	350	-	-	-	800
DME-013	New Substation Southwest	-	-	-	5,100	2,500	7,600
DME-088	Substation Security(Trans)	100	100	100	100	100	500
DME-016	Brinker Substation Drainage	70	-	-	-	-	70
DME-090	Spencer Switch Retirement	100	-	-	-	-	100
	<b>TOTAL FUNDING</b>	<b>\$ 17,315</b>	<b>\$ 14,665</b>	<b>\$ 5,025</b>	<b>\$ 8,200</b>	<b>\$ 4,650</b>	<b>\$ 49,855</b>
	<b>GRAND TOTAL</b>	<b>\$ 81,723</b>	<b>\$ 54,384</b>	<b>\$ 33,895</b>	<b>\$ 41,500</b>	<b>\$ 23,861</b>	<b>\$ 235,363</b>




**DME-001 Single Phase Meters**

CIP Budget #:	DME-001	Department:	DME				Managing Dept. (if any):	N/A
Type:	Existing	Division:	Metering Operations 600600				FY Capital Budget:	Annual
Location:	Citywide	Category:	001 AUTOMATED METER READING				Est. Completion Date:	N/A
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years					Total Resources	Unfunded
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Debt	\$ 854,898	\$ 880,545	\$ 906,962	\$ 934,171	\$ 962,196	\$ 4,538,772	\$ 0	
Project Description / Justification							Project Map / Picture	
Annual installation and replacement of single-phase electric meters.								


**DME-002 AMI & WAN Equipment**

CIP Budget #:	DME-002	Department:	DME				Managing Dept. (if any):	N/A
Type:	Existing	Division:	Metering Operations 600600				FY Capital Budget:	Annual
Location:	Citywide	Category:	001 AUTOMATED METER READING				Est. Completion Date:	N/A
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years					Total Resources	Unfunded
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Debt	\$ 103,721	\$ 106,832	\$ 110,037	\$ 113,339	\$ 116,739	\$ 550,668	\$ 0	
Project Description / Justification							Project Map / Picture	
Annual installation and maintenance of automated meter reading infrastructure.								


**DME-003 Three Phase Meters**

CIP Budget #:	DME-003	Department:	DME				Managing Dept. (if any):	N/A
Type:	Existing	Division:	Metering Operations 600600				FY Capital Budget:	Annual
Location:	Citywide	Category:	001 AUTOMATED METER READING				Est. Completion Date:	N/A
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years					Total Resources	Unfunded
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Debt	\$ 87,638	\$ 90,267	\$ 92,975	\$ 95,765	\$ 98,638	\$ 465,283	\$ 0	
Project Description / Justification							Project Map / Picture	
Annual installation and replacement of three phase electric meters.								


### DME-004 Instrument Rated Equipment

CIP Budget #:	DME-004	Department:	DME				Managing Dept. (if any):	N/A
Type:	Existing	Division:	Metering Operations 600600				FY Capital Budget:	Annual
Location:	All DME	Category:	001 AUTOMATED METER READING				Est. Completion Date:	N/A
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years					Total Resources	Unfunded
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Debt	\$ 55,383	\$ 57,045	\$ 58,756	\$ 60,519	\$ 62,334	\$ 294,036	\$ 0	
Project Description / Justification						Project Map / Picture		
Instrument Rated Equipment for metering services.								


### DME-006 Backup Data Center

CIP Budget #:	DME-006	Department:	DME				Managing Dept. (if any):	Facilities
Type:	Existing	Division:	Engineering 600500				FY Capital Budget:	2022
Location:	TBD	Category:	003 BUILDING CONSTRUCTION				Est. Completion Date:	2024
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years					Total Resources	Unfunded
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Debt	\$ 2,000,000	\$ 8,000,000	\$ 0	\$ 0	\$ 0	\$ 10,000,000	\$ 0	
Project Description / Justification						Project Map / Picture		
Purchase land and begin development of new backup data center at some location to be chosen later.								


### DME-007 Hickory Substation

CIP Budget #:	DME-007	Department:	DME				Managing Dept. (if any):	N/A
Type:	Existing	Division:	Engineering 600500				FY Capital Budget:	In Progress
Location:	Hickory & Bonnie	Category:	013 DISTRIBUTION SUBSTATIONS				Est. Completion Date:	2024
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years					Total Resources	Unfunded
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Debt	\$ 2,100,000	\$ 1,050,000	\$ 100,000	\$ 0	\$ 0	\$ 3,250,000	\$ 0	
Project Description / Justification						Project Map / Picture		
The substation will be built on 2.1 acres on the adjacent property already procured. The project includes gas insulated switchgear and a 22' architectural screen wall as determined by Council and the Historic District. The new substation will be capable to expand from 2 to 4 distribution power transformers to handle inner city developments.								


**DME-008 SCADA Master Computer Replacement (DS)**

CIP Budget #:	DME-008	Department:	DME				Managing Dept. (if any):	N/A
Type:	Existing	Division:	Engineering 600500				FY Capital Budget:	2022
Location:		Category:	013 DISTRIBUTION SUBSTATIONS				Est. Completion Date:	2022
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years				Total Resources	Unfunded	
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Revenue	\$ 300,000	\$ 0	\$ 0	\$	\$ 310,000	\$ 610,000	\$ 0	
<b>Project Description / Justification</b>						<b>Project Map / Picture</b>		
Every four years the SCADA master station computer must be replaced. This is the expected life of the equipment.								


**DME-009 RTU Upgrades (Distribution)**

CIP Budget #:	DME-009	Department:	DME				Managing Dept. (if any):	N/A
Type:	Existing	Division:	Engineering 600500				FY Capital Budget:	Multi-Year
Location:	All DME	Category:	013 DISTRIBUTION SUBSTATIONS				Est. Completion Date:	2026+
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years				Total Resources	Unfunded	
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Debt	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 500,000	\$ 0	
<b>Project Description / Justification</b>						<b>Project Map / Picture</b>		
Replace older RTU's in stations to allow Ethernet Capabilities.								


**DME-010 Brinker Substation - Phase 2**

CIP Budget #:	DME-010	Department:	DME				Managing Dept. (if any):	N/A
Type:	Existing	Division:	Engineering 600500				FY Capital Budget:	2022
Location:	Brinker	Category:	013 DISTRIBUTION SUBSTATIONS				Est. Completion Date:	2024
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years				Total Resources	Unfunded	
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Debt	\$ 1,700,000	\$ 350,000	\$ 0	\$ 0	\$ 0	\$ 2,050,000	\$ 0	
<b>Project Description / Justification</b>						<b>Project Map / Picture</b>		
Addition of 2 power transformers and switchgear buildings. Includes relocation of 2 power transformers, purchase of 1 switchgear buildings, connection to transmission bus, installation of protective relaying, and respective commissioning. One switchgear building has been procured.								


**DME-011 Underwood Substation (Distribution)**

CIP Budget #:	DME-011	Department:	DME				Managing Dept. (if any):	N/A
Type:	Existing	Division:	Engineering 600500				FY Capital Budget:	2022
Location:	Underwood &	Category:	013 DISTRIBUTION SUBSTATIONS				Est. Completion Date:	2025
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years					Total Resources	Unfunded
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Debt	\$ 4,050,000	\$ 1,150,000	\$ 800,000	\$ 0	\$ 0	\$ 6,000,000	\$ 0	
Project Description / Justification						Project Map / Picture		
Construct a new 138kV - 13.2kV substation to meet the needs of growth and maintain reliability for the Hunter and Cole Ranch developments in the southwestern service areas.								


**DME-012 Arco Substation 3rd XFMR Addition (Distribution)**

CIP Budget #:	DME-012	Department:	DME				Managing Dept. (if any):	N/A
Type:	Existing	Division:	Engineering 600500				FY Capital Budget:	2023
Location:	Arco Substation	Category:	013 DISTRIBUTION SUBSTATIONS				Est. Completion Date:	2024
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years					Total Resources	Unfunded
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Debt	\$ 2,400,000	\$ 350,000	\$ 0	\$ 0	\$ 0	\$ 2,750,000	\$ 0	
Project Description / Justification						Project Map / Picture		
Addition on a power transformer and switchgear building. Includes relocating existing transformer, purchase of a switchgear building, protective relaying, connection to transmission bus, and respective commissioning.								


**DME-013 New Substation Southwest**

CIP Budget #:	DME-013	Department:	DME				Managing Dept. (if any):	N/A
Type:	Existing	Division:	Engineering 600500				FY Capital Budget:	2026
Location:		Category:	013 DISTRIBUTION SUBSTATIONS				Est. Completion Date:	2027
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years					Total Resources	Unfunded
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Debt	\$ 0	\$ 0	\$ 0	\$ 3,400,000	\$ 2,600,000	\$ 6,000,000	\$ 0	
Project Description / Justification						Project Map / Picture		
Construct a new 138kV - 13.2kV substation to meet the needs of growth and maintain reliability in the southwestern service areas.								


**DME-014 Relocate MK Spare XFMRs to Hickory GIS Substation**

CIP Budget #:	DME-014	Department:	DME				Managing Dept. (if any):	N/A
Type:	Existing	Division:	Engineering 600500				FY Capital Budget:	2024
Location:	Mckinney Sub &	Category:	013 DISTRIBUTION SUBSTATIONS				Est. Completion Date:	2024
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years					Total Resources	Unfunded
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Debt	\$ 50,000	\$ 300,000	\$ 0	\$ 0	\$ 0	\$ 350,000	\$ 0	
Project Description / Justification						Project Map / Picture		
Relocate two spare 25MVA power transformers from McKinney Sub to new Hickory GIS Sub								


**DME-015 Substation Security(Dist)**

CIP Budget #:	DME-015	Department:	DME				Managing Dept. (if any):	N/A
Type:	Existing	Division:	Substations 600400				FY Capital Budget:	Annual
Location:	All DME	Category:	013 DISTRIBUTION SUBSTATIONS				Est. Completion Date:	N/A
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years					Total Resources	Unfunded
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Debt	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 500,000	\$ 0	
Project Description / Justification						Project Map / Picture		
Substation Camera System, Card Readers, motion sensors upgrades or replacements								


**DME-016 Brinker Substation Drainage**

CIP Budget #:	DME-016	Department:	DME				Managing Dept. (if any):	N/A
Type:	Existing	Division:	Engineering 600500				FY Capital Budget:	2022
Location:	Brinker	Category:	013 DISTRIBUTION SUBSTATIONS				Est. Completion Date:	2022
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years					Total Resources	Unfunded
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Debt	\$ 30,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 30,000	\$ 0	
Project Description / Justification						Project Map / Picture		
This project regrades areas inside the substation to direct water off the site as needed.								


**DME-017 Distribution System Planning Study - 25 MVA Xfmr Additions**

CIP Budget #:	DME-017	Department:	DME			Managing Dept. (if any):	N/A
Type:	Existing	Division:	Engineering	600500		FY Capital Budget:	2026
Location:		Category:	013 DISTRIBUTION SUBSTATIONS			Est. Completion Date:	2032
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years				Total Resources	Unfunded
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27		
Debt	\$ 0	\$ 0	\$ 0	\$ 3,500,000	\$ 0	\$ 3,500,000	\$ 0
Project Description / Justification						Project Map / Picture	
Install 25 MVA transformer at North Lakes Substation							


**DME-018 Distribution Transformers**

CIP Budget #:	DME-018	Department:	DME			Managing Dept. (if any):	N/A
Type:	Existing	Division:	Engineering	600500		FY Capital Budget:	Multi-Year
Location:	All DME	Category:	014 DISTRIBUTION TRANSFORMERS			Est. Completion Date:	2026+
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years				Total Resources	Unfunded
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27		
Debt	\$ 2,400,000	\$ 2,400,000	\$ 2,400,000	\$ 2,400,000	\$ 2,400,000	\$ 12,000,000	\$ 0
Project Description / Justification						Project Map / Picture	
Distribution transformers are needed to provide service to new customers and to replace existing units that fail.							


**DME-019 Pole Change-Outs**

CIP Budget #:	DME-019	Department:	DME			Managing Dept. (if any):	N/A
Type:	Existing	Division:	Engineering	600500		FY Capital Budget:	2022
Location:	All DME	Category:	019 FEEDER EXTENSIONS & IMPROVE			Est. Completion Date:	2024
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years				Total Resources	Unfunded
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27		
Debt	\$ 4,000,000	\$ 2,000,000	\$ 0	\$ 0	\$ 0	\$ 6,000,000	\$ 0
Project Description / Justification						Project Map / Picture	
Wood poles decay over time. Routine pole inspections are required to monitor the decay and identify poles that no longer meet strength requirements and are in need of additional support or replacement.							


**DME-020 UNT Express Feeder from Locust Sub**

CIP Budget #:	DME-020	Department:	DME			Managing Dept. (if any):	N/A
Type:	Existing	Division:	Engineering	600500		FY Capital Budget:	2022
Location:	UNT Campus	Category:	019 FEEDER EXTENSIONS & IMPROVE			Est. Completion Date:	2023
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years				Total Resources	Unfunded
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27		
Debt	\$ 1,500,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 1,500,000	\$ 0
Project Description / Justification						Project Map / Picture	
<p>In 2020, DME Engineering completed a study focused on 3 issues in the area of west-central Denton surrounding and including the University of North Texas (UNT) main campus. 1) whether Eagle Substation was necessary based on load growth in west-central Denton, including UNT, that are projected to reach system limits in less than a decade, 2) the UNT Power Purchase Agreement (PPA) OH to UG conversion requirements, and 3) DME’s planned upgrade to 138kV transmission for lines in the area. The circuits currently serving the southeast UNT point of delivery serve both UNT and non-UNT load, which limits the loading capacity needed to serve the future load growth. The PPA agreement requires that DME convert a certain distance of OH distribution line to UG and the 138kV transmission upgrades are partially dependent upon conversion of existing distribution under-build to UG. Each of the issues was looked at for individual as well as interconnected solutions. One proposed solution addressed all of the issues and did not require the construction of Eagle Substation to meet loading requirements for UNT and west-central Denton.</p>							


**DME-021 Jim Christal Feeder Extension**

CIP Budget #:	DME-021	Department:	DME			Managing Dept. (if any):	N/A
Type:	Existing	Division:	Engineering	600500		FY Capital Budget:	2022
Location:		Category:	019 FEEDER EXTENSIONS & IMPROVE			Est. Completion Date:	2024
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years				Total Resources	Unfunded
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27		
Debt	\$ 500,000	\$ 1,000,000	\$ 1,000,000	\$ 0	\$ 0	\$ 2,500,000	\$ 0
Project Description / Justification						Project Map / Picture	
<p>As growth continues in the southwest area of Denton, additional loading capacity will be needed to accommodate the growing area. Existing feeders in the area are limited in remaining available capacity and are not sufficient to support the expected growth. According to a load projection provided by Pike Engineering, 5 of the 7 existing feeders at Fort Worth Substation will reach at least 50% loading, with 3 reaching above 60% of the 7MW loading limitation, by 2025. The remaining available load capacity will not be sufficient to serve the large developments, such as Hunter and Cole Ranch, that are expected in the area.</p>							


**DME-022 Distribution System Extensions & Improvements**

CIP Budget #:	DME-022	Department:	DME			Managing Dept. (if any):	N/A
Type:	Existing	Division:	Engineering	600500		FY Capital Budget:	Multi-Year
Location:	All DME	Category:	019 FEEDER EXTENSIONS & IMPROVE			Est. Completion Date:	2026+
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years				Total Resources	Unfunded
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27		
Debt	\$ 1,000,000	\$ 1,250,000	\$ 1,250,000	\$ 1,250,000	\$ 1,250,000	\$ 6,000,000	\$ 0
Project Description / Justification						Project Map / Picture	
<p>The City of Denton has, and will continue, to experience growth that will create a need for DME to respond to distribution system issues as they are identified. Growth does not always come to the areas anticipated; and therefore, DME engineering is not always able to identify all the projects needed to support growth prior to the current year budgeting cycle. DME’s five-year average for expenditures associated with System Improvements due to load growth is approximately \$8.6 million annually. Several distribution system extension and improvement projects have been identified and budgeted separately with total estimated costs of approximately \$7.6M.</p>							


### DME-023 UNT Express Feeders from Hickory Sub

CIP Budget #:	DME-023	Department:	DME				Managing Dept. (if any):	N/A
Type:	Existing	Division:	Engineering 600500				FY Capital Budget:	2022
Location:	Stella St & N	Category:	019 FEEDER EXTENSIONS & IMPROVE				Est. Completion Date:	2023
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years				Total Resources	Unfunded	
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Debt	\$ 800,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 800,000	\$ 0	
Project Description / Justification						Project Map / Picture		
<p>In 2020, DME Engineering completed a study focused on 3 issues in the area of west-central Denton surrounding and including the University of North Texas (UNT) main campus; 1) whether Eagle Substation was necessary based on load growth in west-central Denton, including UNT, that are projected to reach system limits in less than a decade, 2) the UNT Power Purchase Agreement (PPA) OH to UG conversion requirements, and 3) DME’s planned upgrade to 138kV transmission for lines in the area. The circuits currently serving the northwest UNT point of delivery serve both UNT and non-UNT load, which limits the loading capacity needed to serve the future load growth. The PPA agreement requires that DME convert a certain distance of OH distribution line to UG and the 138kV transmission upgrades are partially dependent upon conversion of existing distribution under-build to UG. Each of the issues was looked at for individual as well as interconnected solutions. One proposed solution addressed all of the issues and did not require the construction of Eagle Substation to meet loading requirements for UNT and west-central Denton.</p>								

### DME-024 Distribution Automation


CIP Budget #:	DME-024	Department:	DME				Managing Dept. (if any):	N/A
Type:	Existing	Division:	Engineering 600500				FY Capital Budget:	2022
Location:	All DME	Category:	019 FEEDER EXTENSIONS & IMPROVE				Est. Completion Date:	2026+
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years				Total Resources	Unfunded	
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Debt	\$ 500,000	\$ 500,000	\$ 500,000	\$ 600,000	\$ 600,000	\$ 2,700,000	\$ 0	
Project Description / Justification						Project Map / Picture		
<p>Customer expectations for reliable electric service with minimal outages and prompt restoration are increasing every year. DME will be expected to continuously improve the distribution system, including automation, to meet these expectations.</p>								

### DME-025 Hickory Creek Feeder Extension


CIP Budget #:	DME-025	Department:	DME				Managing Dept. (if any):	N/A
Type:	Existing	Division:	Engineering 600500				FY Capital Budget:	2022
Location:	Hickory Creek Rd	Category:	019 FEEDER EXTENSIONS & IMPROVE				Est. Completion Date:	2023
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years				Total Resources	Unfunded	
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Debt	\$ 600,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 600,000	\$ 0	
Project Description / Justification						Project Map / Picture		
<p>Extend a Teasley Substation circuit along the new Hickory Creek Rd alignment from Riverpass Dr to FM1830, covering half the distance to the nearest Ft. Worth Substation feeder. A second phase (future project) will extend farther west along Brush Creek Rd to complete a circuit tie thereby providing additional backup capacity to the Ft. Worth substation.</p>								




**DME-026 Swisher – McKinney Tie Phase 3**

CIP Budget #:	DME-026	Department:	DME				Managing Dept. (if any):	N/A
Type:	Existing	Division:	Engineering 600500				FY Capital Budget:	2022
Location:	Swisher Rd, north	Category:	019 FEEDER EXTENSIONS & IMPROVE				Est. Completion Date:	2023
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years				Total Resources	Unfunded	
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Debt	\$ 600,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 600,000	\$ 0	
Project Description / Justification						Project Map / Picture		
Construct a new circuit tie from the City landfill south to Edwards Rd.								


**DME-027 Reliability Improvement Projects**

CIP Budget #:	DME-027	Department:	DME				Managing Dept. (if any):	N/A
Type:	Existing	Division:	Engineering 600500				FY Capital Budget:	Multi-Year
Location:	All DME	Category:	019 FEEDER EXTENSIONS & IMPROVE				Est. Completion Date:	2026+
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years				Total Resources	Unfunded	
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Debt	\$ 500,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 900,000	\$ 0	
Project Description / Justification						Project Map / Picture		
DME Engineering has reviewed the reliability reports for 2020 and has identified areas that need to be addressed to improve system reliability.								


**DME-028 Annual Blankets - OH & UG Repairs/Replacements**

CIP Budget #:	DME-028	Department:	DME				Managing Dept. (if any):	N/A
Type:	Existing	Division:	Distribution 600300				FY Capital Budget:	2023
Location:	All DME	Category:	019 FEEDER EXTENSIONS & IMPROVE				Est. Completion Date:	2026+
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years				Total Resources	Unfunded	
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Debt	\$	\$ 410,000	\$ 410,000	\$ 410,000	\$ 410,000	\$ 1,640,000	\$ 0	
Project Description / Justification						Project Map / Picture		
Annual blankets for repair & replacement of failed OH & UG facilities								


**DME-029 Annual Blankets - Storm Repairs/Replacements**

CIP Budget #:	DME-029	Department:	DME				Managing Dept. (if any):	N/A
Type:	Existing	Division:	Operations & Maintenance 600200				FY Capital Budget:	Multi-Year
Location:	All DME	Category:	019 FEEDER EXTENSIONS & IMPROVE				Est. Completion Date:	2026+
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years					Total Resources	Unfunded
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Debt	\$ 515,000	\$ 515,000	\$ 515,000	\$ 515,000	\$ 515,000	\$ 2,575,000	\$ 0	
Project Description / Justification							Project Map / Picture	
Annual blanket accounts for storm repairs and replacements								


**DME-030 Downtown Area Switch Replacements**

CIP Budget #:	DME-030	Department:	DME				Managing Dept. (if any):	N/A
Type:	Existing	Division:	Engineering 600500				FY Capital Budget:	2023
Location:	Downtown area	Category:	019 FEEDER EXTENSIONS & IMPROVE				Est. Completion Date:	2023
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years					Total Resources	Unfunded
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Debt	\$ 400,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 400,000	\$ 0	
Project Description / Justification							Project Map / Picture	
Replace 2 switches with air-sealed units								


**DME-031 RD Wells Feeder Extensions**

CIP Budget #:	DME-031	Department:	DME				Managing Dept. (if any):	N/A
Type:	Existing	Division:	Engineering 600500				FY Capital Budget:	2023
Location:	RD Wells	Category:	019 FEEDER EXTENSIONS & IMPROVE				Est. Completion Date:	2024
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years					Total Resources	Unfunded
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Debt	\$ 800,000	\$ 1,200,000	\$ 0	\$ 0	\$ 0	\$ 2,000,000	\$ 0	
Project Description / Justification							Project Map / Picture	
Construct 2 new feeders from RD Wells to Roselawn area								


**DME-032 Reconfigure Locust 211 Feeder**

CIP Budget #:	DME-032	Department:	DME				Managing Dept. (if any):	N/A
Type:	Existing	Division:	Engineering 600500				FY Capital Budget:	2023
Location:	Cleveland &	Category:	019 FEEDER EXTENSIONS & IMPROVE				Est. Completion Date:	2023
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years				Total Resources	Unfunded	
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Debt	\$ 150,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 150,000	\$ 0	
Project Description / Justification						Project Map / Picture		
Reconfigure a segment of circuit LC211 to accommodate UNT express feeders								


**DME-033 I35 North Feeder Tie**

CIP Budget #:	DME-033	Department:	DME				Managing Dept. (if any):	N/A
Type:	Existing	Division:	Engineering 600500				FY Capital Budget:	2023
Location:	I35 SBSR	Category:	019 FEEDER EXTENSIONS & IMPROVE				Est. Completion Date:	2023
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years				Total Resources	Unfunded	
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Debt	\$ 750,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 750,000	\$ 0	
Project Description / Justification						Project Map / Picture		
New feeder tie along I35 SBFR from Love's to Loop 288								


**DME-034 Security Lights**

CIP Budget #:	DME-034	Department:	DME				Managing Dept. (if any):	N/A
Type:	Existing	Division:	Operations & Maintenance 600200				FY Capital Budget:	2022
Location:	All DME	Category:	019 FEEDER EXTENSIONS & IMPROVE				Est. Completion Date:	2023
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years				Total Resources	Unfunded	
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Debt	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 125,000	\$ 0	
Project Description / Justification						Project Map / Picture		
Any material used for the new installation of security lights								


**DME-035 Distribution System Planning Study - GOAB Additions**

CIP Budget #:	DME-035	Department:	DME			Managing Dept. (if any):	N/A
Type:	Existing	Division:	Engineering	600500		FY Capital Budget:	2025
Location:	Various	Category:	019 FEEDER EXTENSIONS & IMPROVE			Est. Completion Date:	2032
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years				Total Resources	Unfunded
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27		
Debt	\$ 0	\$ 0	\$ 70,000	\$ 35,000	\$ 0	\$ 105,000	\$ 0
Project Description / Justification						Project Map / Picture	
Add 3-ph GOAB switches as identified by planning study							


**DME-036 Distribution System Planning Study - Double Circuit OH Additions (#1)**

CIP Budget #:	DME-036	Department:	DME			Managing Dept. (if any):	N/A
Type:	Existing	Division:	Engineering	600500		FY Capital Budget:	2024
Location:	W Oak St.	Category:	019 FEEDER EXTENSIONS & IMPROVE			Est. Completion Date:	2025
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years				Total Resources	Unfunded
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27		
Debt	\$ 0	\$ 0	\$ 600,000	\$ 0	\$ 0	\$ 600,000	\$ 0
Project Description / Justification						Project Map / Picture	
Approx distance of 300 ft of dbl-ckt OH from W Oak St and N Welch St intersection to W Oak St and Fluton St intersection. Helps mitigate Bonnie Brae Xfmr 1 overload.							


**DME-037 Distribution System Planning Study - Double Circuit OH Additions (#2)**

CIP Budget #:	DME-037	Department:	DME			Managing Dept. (if any):	N/A
Type:	Existing	Division:	Engineering	600500		FY Capital Budget:	2025
Location:		Category:	019 FEEDER EXTENSIONS & IMPROVE			Est. Completion Date:	2032
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years				Total Resources	Unfunded
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27		
Debt	\$ 0	\$ 0	\$ 912,500	\$ 0	\$ 0	\$ 912,500	\$ 0
Project Description / Justification						Project Map / Picture	
Burns & Mc: Approx distance of 2065 ft of dbl-ckt OH from just south of Denton St and W Congress St intersection, to just north of W Congress St and N Elm St intersection. Helps mitigate Bonnie Brae Xfmr 1 overload.							


**DME-038 Distribution System Planning Study - Single Circuit OH Additions**

CIP Budget #:	DME-038	Department:	DME				Managing Dept. (if any):	N/A
Type:	Existing	Division:	Engineering	600500			FY Capital Budget:	2026
Location:	Bonnie Brae	Category:	019 FEEDER EXTENSIONS & IMPROVE				Est. Completion Date:	2032
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years					Total Resources	Unfunded
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Debt	\$ 0	\$ 0	\$ 0	\$ 175,000	\$ 0	\$ 175,000	\$ 0	
Project Description / Justification							Project Map / Picture	
New ckt fed out of new Bonnie Brae Xfmr. Approx 1150 ft sgl-ckt OH from Bonnie Brae Subst to just north of Malone St. and Cresent St. intersection. Helps mitigate future BB211 and NL211 overload								


**DME-039 Distribution System Planning Study - Single Circuit UG Additions**

CIP Budget #:	DME-039	Department:	DME				Managing Dept. (if any):	N/A
Type:	Existing	Division:	Engineering	600500			FY Capital Budget:	2027
Location:		Category:	019 FEEDER EXTENSIONS & IMPROVE				Est. Completion Date:	2032
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years					Total Resources	Unfunded
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Debt	\$ 0	\$ 0	\$ 0	\$ 0	\$ 500,000	\$ 500,000	\$ 0	
Project Description / Justification							Project Map / Picture	
Approx distance of 1200 ft of sgl-ckt UG from Underwood Substation, to just south of sw SB255564 on RD232. Mitigates FW211 future overload.								


**DME-040 New Business Developments**

CIP Budget #:	DME-040	Department:	DME				Managing Dept. (if any):	N/A
Type:	Existing	Division:	Engineering	600500			FY Capital Budget:	Multi-Year
Location:	All DME	Category:	025 NEW RESIDENTIAL&COMMERCIAL				Est. Completion Date:	2026+
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years					Total Resources	Unfunded
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Debt	\$ 2,115,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 6,115,000	\$ 0	
Project Description / Justification							Project Map / Picture	
The City of Denton has continued to experience growth that creates a need for DME to respond to requests for service to revenue generating customers. Many new developments are known at budget time, but others arise during or after budget approval and must be served. DME's three-year average for expenditures associated with System Improvements due to load growth is approximately \$3 million annually.								


**DME-041 Hunter/Cole Ranch Line Ext**

CIP Budget #:	DME-041	Department:	DME				Managing Dept. (if any):	N/A
Type:	Existing	Division:	Engineering 600500				FY Capital Budget:	Multi-Year
Location:	Hunter/Cole	Category:	025 NEW RESIDENTIAL&COMMERCIAL				Est. Completion Date:	2026+
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years					Total Resources	Unfunded
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Debt	\$ 2,000,000	\$ 2,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 7,000,000	\$ 0	
Project Description / Justification						Project Map / Picture		
<p>The Hunter/Cole Ranch development is a 6,300 + acre site proposed for the southwest portion of DME's service territory and will be constructed in multiple phases over 20 years beginning in 2021. DME currently has limited distribution facilities in this area to serve the anticipated new load.</p>								


**DME-042 Annual Blanket - New Services**

CIP Budget #:	DME-042	Department:	DME				Managing Dept. (if any):	N/A
Type:	Existing	Division:	Operations & Maintenance 600200				FY Capital Budget:	Multi-Year
Location:	All DME	Category:	025 NEW RESIDENTIAL&COMMERCIAL				Est. Completion Date:	2026+
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years					Total Resources	Unfunded
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Debt	\$ 885,000	\$ 911,550	\$ 938,897	\$ 967,063	\$ 996,075	\$ 4,698,585	\$ 0	
Project Description / Justification						Project Map / Picture		
<p>Annual blanket account for installation of new services</p>								


**DME-043 FY22/23 UNT Conversion (undergrounding)**

CIP Budget #:	DME-043	Department:	DME				Managing Dept. (if any):	N/A
Type:	Existing	Division:	Engineering 600500				FY Capital Budget:	2022
Location:	UNT Campus	Category:	028 OVER TO UNDER CONVERSIONS				Est. Completion Date:	2023
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years					Total Resources	Unfunded
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Debt	\$ 500,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 500,000	\$ 0	
Project Description / Justification						Project Map / Picture		
<p>Problem Description: DME is contractually obligated to convert an agreed upon distance of existing, or proposed, overhead distribution circuit to underground on the UNT campus. Identification of segments chosen for conversion are based on UNT decisions.</p>								


**DME-044 Capacitors & Controls for Power Factor and Voltage Correction**

CIP Budget #:	DME-044	Department:	DME				Managing Dept. (if any):	N/A
Type:	Existing	Division:	Engineering	600500			FY Capital Budget:	Multi-Year
Location:	All DME	Category:	032 POWER FACTOR IMPROVEMENT				Est. Completion Date:	N/A
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years					Total Resources	Unfunded
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Debt	\$ 500,000	\$ 200,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 1,000,000	\$ 0	
Project Description / Justification							Project Map / Picture	
<p>ERCOT requires that all distribution circuits maintain a power factor of 97% or better. DME Engineering has evaluated all circuits in the distribution system and identified 16 that are in immediate need of power factor correction based on the 2020 peak data.</p>								


**DME-045 HPS to LED Streetlight Conversion**

CIP Budget #:	DME-045	Department:	DME				Managing Dept. (if any):	N/A
Type:	Existing	Division:	Engineering	600500			FY Capital Budget:	2022
Location:	All DME	Category:	040 STREET LIGHTING				Est. Completion Date:	2023
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years					Total Resources	Unfunded
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Debt	\$ 2,000,000	\$ 1,000,000	\$ 0	\$ 0	\$ 0	\$ 3,000,000	\$ 0	
Project Description / Justification							Project Map / Picture	
<p>Replace the remaining high-pressure sodium (HPS) lighting fixtures with LED luminaires throughout the City of Denton.</p>								


**DME-046 Additional & Replacement Lighting**

CIP Budget #:	DME-046	Department:	DME				Managing Dept. (if any):	N/A
Type:	Existing	Division:	Engineering	600500			FY Capital Budget:	Annual
Location:	All DME	Category:	040 STREET LIGHTING				Est. Completion Date:	N/A
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years					Total Resources	Unfunded
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Revenue	\$ 500,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 2,500,000	\$ 0	
Project Description / Justification							Project Map / Picture	
<p>Throughout the year, requests for additional lighting are received from citizens, public safety officials, City Management, City Council, and others throughout Denton. In addition, many existing lights fail due to vehicular damage, decay, or various other reasons.</p>								


**DME-047 Upgrade Existing Residential Lighting**

CIP Budget #:	DME-047	Department:	DME				Managing Dept. (if any):	N/A
Type:	Existing	Division:	Engineering 600500				FY Capital Budget:	Annual
Location:	All DME	Category:	040 STREET LIGHTING				Est. Completion Date:	N/A
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years					Total Resources	Unfunded
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Debt	\$ 500,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 2,500,000	\$ 0	
Project Description / Justification							Project Map / Picture	
<p>New residential developments in Denton are required to install streetlights to comply with current lighting standards. Many existing neighborhoods were built prior to the new standards and may be underlit.</p>								

**DME-048 Hickory - Locust TM Line**


CIP Budget #:	DME-048	Department:	DME				Managing Dept. (if any):	N/A
Type:	Existing	Division:	Engineering 600500				FY Capital Budget:	
Location:	Between	Category:	045 TRANSMISSION LINES				Est. Completion Date:	2024
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years					Total Resources	Unfunded
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Debt	\$ 4,400,000	\$ 300,000	\$ 0	\$ 0	\$ 0	\$ 4,700,000	\$ 0	
Project Description / Justification							Project Map / Picture	
<p>Reconstruct approximately 2.5 miles of existing transmission line to replace aging facilities and provide the capacity needed to meet the requirements of contingency planning criteria. The line will be reconstructed for operation at 138kV. The amounts for the project include the cost for purchase of additional easements. This project includes approximately 800 feet of underground transmission.</p>								

**DME-049 Hickory Substation TM Tie-In**


CIP Budget #:	DME-049	Department:	DME				Managing Dept. (if any):	N/A
Type:	Existing	Division:	Engineering 600500				FY Capital Budget:	2022
Location:	Hickory & Bonnie	Category:	045 TRANSMISSION LINES				Est. Completion Date:	2023
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years					Total Resources	Unfunded
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Debt	\$ 1,800,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 1,800,000	\$ 0	
Project Description / Justification							Project Map / Picture	
<p>Reconstruct the Hickory ends of the transmission lines from the Bonnie Brae and RD Wells substations to connect the new Hickory Substation. The project will include approximately 900 feet of underground transmission line.</p>								




**DME-050 I35 - Masch Branch to Denton North TM Line**

CIP Budget #:	DME-050	Department:	DME				Managing Dept. (if any):	N/A
Type:	Existing	Division:	Engineering	600500			FY Capital Budget:	2022
Location:	I35/Loop 288	Category:	045 TRANSMISSION LINES				Est. Completion Date:	2022
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years				Total Resources	Unfunded	
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Aid in Construction	\$ 2,100,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 2,100,000	\$ 0	
Project Description / Justification						Project Map / Picture		
This project is to relocate the transmission line out of the I35 right of way. (This Project will be paid for by TXDOT)								


**DME-051 I35 - RD Wells To Hickory TM Line**

CIP Budget #:	DME-051	Department:	DME				Managing Dept. (if any):	N/A
Type:	Existing	Division:	Engineering	600500			FY Capital Budget:	2022
Location:	I35/Oak St.	Category:	045 TRANSMISSION LINES				Est. Completion Date:	2022
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years				Total Resources	Unfunded	
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Aid in Construction	\$ 600,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 600,000	\$ 0	
Project Description / Justification						Project Map / Picture		
This project is to relocate the transmission line out of the I35 right of way. (This project will be paid for by TXDOT)								


**DME-052 RD Wells - Denton West TM Line**

CIP Budget #:	DME-052	Department:	DME				Managing Dept. (if any):	N/A
Type:	Existing	Division:	Engineering	600500			FY Capital Budget:	2022
Location:		Category:	045 TRANSMISSION LINES				Est. Completion Date:	2025
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years				Total Resources	Unfunded	
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Debt	\$ 2,000,000	\$ 2,800,000	\$ 2,110,000	\$ 0	\$ 0	\$ 6,910,000	\$ 0	
Project Description / Justification						Project Map / Picture		
Reconstruct approximately 4.6 miles of 138kV transmission line from RD Wells Interchange to Denton West Interchange to provide the capacity needed to meet the requirements of contingency planning criteria.								


**DME-053 Bonnie Brae - North Lakes TM Line 138kV Conversion**

CIP Budget #:	DME-053	Department:	DME			Managing Dept. (if any):	N/A
Type:	Existing	Division:	Engineering 600500			FY Capital Budget:	2024
Location:	North Lakes	Category:	045 TRANSMISSION LINES			Est. Completion Date:	2024
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years				Total Resources	Unfunded
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27		
Debt	\$ 0	\$ 45,000	\$ 0	\$ 0	\$ 0	\$ 45,000	\$ 0
Project Description / Justification						Project Map / Picture	
Retire two spans and install one new span of 138kV conductor to reconnect the Bonnie Brae transmission line to the new North Lakes Substation.							


**DME-054 RD Wells - Hickory TM Line 138kV Conversion**

CIP Budget #:	DME-054	Department:	DME			Managing Dept. (if any):	N/A
Type:	Existing	Division:	Engineering 600500			FY Capital Budget:	2024
Location:	RD Wells	Category:	045 TRANSMISSION LINES			Est. Completion Date:	2024
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years				Total Resources	Unfunded
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27		
Debt	\$ 0	\$ 30,000	\$ 0	\$ 0	\$ 0	\$ 30,000	\$ 0
Project Description / Justification						Project Map / Picture	
Install jumpers to provide final connection to convert the transmission line to 138kV operation upon completion of the new Hickory Substation. Three spans of transmission line for connection to 138kV bus within RD Wells substation have been installed.							


**DME-055 Hickory - RD Wells TM Line Reconstruction**

CIP Budget #:	DME-055	Department:	DME			Managing Dept. (if any):	N/A
Type:	Existing	Division:	Engineering 600500			FY Capital Budget:	2025
Location:	Hickory	Category:	045 TRANSMISSION LINES			Est. Completion Date:	2026
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years				Total Resources	Unfunded
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27		
Debt	\$ 0	\$ 0	\$ 2,600,000	\$ 1,800,000	\$ 0	\$ 4,400,000	\$ 0
Project Description / Justification						Project Map / Picture	
Rebuild approximately 1.5 miles of 138kV transmission line from Hickory Substation to RD Wells Substation to provide the additional capacity needed to meet the requirements of the contingency planning criteria.							


**DME-056 Woodrow - Brinker TM Line Reconstruction**

CIP Budget #:	DME-056	Department:	DME			Managing Dept. (if any):	N/A	
Type:	Existing	Division:	Engineering 600500			FY Capital Budget:	2025	
Location:		Category:	045 TRANSMISSION LINES			Est. Completion Date:	2026	
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years					Total Resources	Unfunded
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Debt	\$ 0	\$ 0	\$ 900,000	\$ 500,000	\$ 0	\$ 1,400,000	\$ 0	
Project Description / Justification						Project Map / Picture		
Rebuild approx. 2000 ft of 138kV transmission line to provide the additional capacity needed to meet the requirements of the contingency planning criteria. A portion of the route will be relocated to obtain clearance requirements.								


**DME-057 Woodrow - Locust TM Line Upgrade**

CIP Budget #:	DME-057	Department:	DME			Managing Dept. (if any):	N/A	
Type:	Existing	Division:	Engineering 600500			FY Capital Budget:	2025	
Location:	Woodrow	Category:	045 TRANSMISSION LINES			Est. Completion Date:	2027	
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years					Total Resources	Unfunded
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Debt	\$ 0	\$ 0	\$ 600,000	\$ 1,800,000	\$ 900,000	\$ 3,300,000	\$ 0	
Project Description / Justification						Project Map / Picture		
Upgrade the Woodrow Substation to Locust Substation transmission line to provide the additional capacity needed to meet the NERC requirements of the contingency planning criteria. Construction for this project needs to commence immediately after the Hickory - Locust transmission line is reconstructed.								


**DME-058 Cooper Creek - Brinker TM Line Reconstruction**

CIP Budget #:	DME-058	Department:	DME			Managing Dept. (if any):	N/A	
Type:	Existing	Division:	Engineering 600500			FY Capital Budget:	2025	
Location:		Category:	045 TRANSMISSION LINES			Est. Completion Date:	2026	
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years					Total Resources	Unfunded
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Debt	\$ 0	\$ 0	\$ 1,100,000	\$ 900,000	\$ 0	\$ 2,000,000	\$ 0	
Project Description / Justification						Project Map / Picture		
Rebuild approximately 1.4 miles of 138kV transmission line from the Cooper Creek Substation to Shady Oaks Drive. Reconstruction is required to provide the capacity needed to meet the contingency planning criteria. The portion between Brinker and Shady Oaks was constructed in 2019.								


**DME-059 Underwood Substation TM Tie-in**

CIP Budget #:	DME-059	Department:	DME				Managing Dept. (if any):	N/A
Type:	Existing	Division:	Engineering 600500				FY Capital Budget:	2024
Location:		Category:	045 TRANSMISSION LINES				Est. Completion Date:	2025
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years					Total Resources	Unfunded
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Debt	\$ 0	\$ 1,350,000	\$ 150,000	\$ 0	\$ 0	\$ 1,500,000	\$ 0	
Project Description / Justification							Project Map / Picture	
<p>This projects intercepts the existing TMPA transmission line and constructs new transmission line segments into the Underwood Substation . (Reimbursable from TMPA)</p>								


**DME-060 West Loop 288 - RDW to DN TML Reroute**

CIP Budget #:	DME-060	Department:	DME				Managing Dept. (if any):	N/A
Type:	New	Division:	Engineering 600500				FY Capital Budget:	2025
Location:	Loop 288 Ext.	Category:	045 TRANSMISSION LINES				Est. Completion Date:	2026
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years					Total Resources	Unfunded
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Aid in Construction	\$ 0	\$ 0	\$ 900,000	\$ 1,200,000	\$ 0	\$ 2,100,000	\$ 0	
Project Description / Justification							Project Map / Picture	
<p>This project is to relocate the transmission line out of the right of way for the Loop 288 extension. (This project will be paid for by TMPA/TXDOT)</p>								


**DME-061 West Loop 288 - DW to FW TML Reroute**

CIP Budget #:	DME-061	Department:	DME				Managing Dept. (if any):	N/A
Type:	New	Division:	Engineering 600500				FY Capital Budget:	2025
Location:	Loop 288 Ext.	Category:	045 TRANSMISSION LINES				Est. Completion Date:	2026
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years					Total Resources	Unfunded
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Aid in Construction	\$ 0	\$ 0	\$ 1,300,000	\$ 2,100,000	\$ 0	\$ 3,400,000	\$ 0	
Project Description / Justification							Project Map / Picture	
<p>This project is to relocate the transmission line out of the right of way for the Loop 288 extension. (This project will be paid for by TMPA/TXDOT)</p>								


**DME-062 West Loop 288 - MB - DN TML Reroute**

CIP Budget #:	DME-062	Department:	DME			Managing Dept. (if any):	N/A
Type:	New	Division:	Engineering	600500		FY Capital Budget:	2025
Location:	Loop 288 Ext.	Category:	045 TRANSMISSION LINES			Est. Completion Date:	2026
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years				Total Resources	Unfunded
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27		
Aid in Construction	\$ 0	\$ 0	\$ 1,300,000	\$ 2,100,000	\$ 0	\$ 3,400,000	\$ 0
Project Description / Justification						Project Map / Picture	
This project is to relocate the transmission line out of the right of way for the Loop 288 extension. (This project will be paid for by TMPA/TXDOT)							


**DME-063 New Southwest Substation TM Tie-in**

CIP Budget #:	DME-063	Department:	DME			Managing Dept. (if any):	N/A
Type:	New	Division:	Engineering	600500		FY Capital Budget:	2027
Location:	SW Substation	Category:	045 TRANSMISSION LINES			Est. Completion Date:	2027
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years				Total Resources	Unfunded
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27		
Debt	\$ 0	\$ 0	\$ 0	\$ 0	\$ 1,300,000	\$ 1,300,000	\$ 0
Project Description / Justification						Project Map / Picture	
This project intercepts an existing transmission line and constructs new transmission line segments into the new Substation Southwest.							


**DME-064 Spencer Int. to Pockrus TM Line Upgrade**

CIP Budget #:	DME-064	Department:	DME			Managing Dept. (if any):	N/A
Type:	New	Division:	Engineering	600500		FY Capital Budget:	2025
Location:		Category:	045 TRANSMISSION LINES			Est. Completion Date:	2026
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years				Total Resources	Unfunded
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27		
Debt	\$ 0	\$ 0	\$ 900,000	\$ 500,000	\$ 0	\$ 1,400,000	\$ 0
Project Description / Justification						Project Map / Picture	
Reconductor 138kV transmission line to provide the additional capacity needed to meet the requirements of the contingency planning criteria							


**DME-065 Jim Christal - Masch Branch TMLine**

CIP Budget #:	DME-065	Department:	DME			Managing Dept. (if any):	N/A
Type:	New	Division:	Engineering	600500		FY Capital Budget:	2026
Location:	Old Jim Christal	Category:	045 TRANSMISSION LINES			Est. Completion Date:	2027
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years				Total Resources	Unfunded
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27		
Aid in Construction	\$ 0	\$ 0	\$ 0	\$ 0	\$ 170,000	\$ 170,000	\$ 0
Project Description / Justification						Project Map / Picture	
Reconfigure one section of transmission line to bypass de-energized old Jim Christal Substation							


**DME-066 Spencer Interchange- Brinker Substation TM Line**

CIP Budget #:	DME-066	Department:	DME			Managing Dept. (if any):	N/A
Type:	New	Division:	Engineering	600500		FY Capital Budget:	2026
Location:	Industrial	Category:	045 TRANSMISSION LINES			Est. Completion Date:	2026
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years				Total Resources	Unfunded
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27		
Debt	\$ 0	\$ 0	\$ 0	\$ 120,000	\$ 0	\$ 120,000	\$ 0
Project Description / Justification						Project Map / Picture	
Reconfigure one section of transmission line to bypass de-energized Industrial Substation.							


**DME-067 Hickory GIS Substation**

CIP Budget #:	DME-067	Department:	DME			Managing Dept. (if any):	N/A
Type:	New	Division:	Engineering	600500		FY Capital Budget:	
Location:	Bonnie	Category:	046 TRANSMISSION SUBSTATION			Est. Completion Date:	2024
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years				Total Resources	Unfunded
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27		
Debt	\$ 12,495,000	\$ 7,350,000	\$ 400,000	\$ 0	\$ 0	\$ 20,245,000	\$ 0
Project Description / Justification						Project Map / Picture	
The substation will be built on 2.1 acres on the adjacent property already procured. The project includes gas insulated switchgear and a 22' architectural screen wall as determined by Council and the Historic District. The new substation will be capable to expand from 2 to 4 distribution power transformers to handle inner city developments.							


**DME-068 SCADA Master Computer Replacement**

CIP Budget #:	DME-068	Department:	DME				Managing Dept. (if any):	N/A
Type:	New	Division:	Engineering	600500			FY Capital Budget:	2022
Location:	All DME	Category:	046 TRANSMISSION SUBSTATION				Est. Completion Date:	2023
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years				Total Resources	Unfunded	
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Debt	\$ 300,000	\$ 0	\$ 0	\$ 0	\$ 300,000	\$ 600,000	\$ 0	
Project Description / Justification						Project Map / Picture		
Every four years the SCADA master station computer must be replaced. This is the expected life of the equipment.								


**DME-069 Ethernet Security Gateway Relays at Multiple Stations**

CIP Budget #:	DME-069	Department:	DME				Managing Dept. (if any):	N/A
Type:	New	Division:	Engineering	600500			FY Capital Budget:	Multi-Year
Location:	All DME	Category:	046 TRANSMISSION SUBSTATION				Est. Completion Date:	N/A
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years				Total Resources	Unfunded	
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Debt	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 750,000	\$ 0	
Project Description / Justification						Project Map / Picture		
Installation of SEL 3610, 3620, and 2730 SEL relays at multiple stations to protect critical cyber assets.								


**DME-070 Kings Row Substation SSVT Install**

CIP Budget #:	DME-070	Department:	DME				Managing Dept. (if any):	N/A
Type:	New	Division:	Engineering	600500			FY Capital Budget:	2022
Location:	Kings Row	Category:	046 TRANSMISSION SUBSTATION				Est. Completion Date:	2023
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years				Total Resources	Unfunded	
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Debt	\$ 70,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 70,000	\$ 0	
Project Description / Justification						Project Map / Picture		
Installation of two station service transformers to provide station power from transmission bus.								


**DME-071 Locust Substation SSVT Installation**

CIP Budget #:	DME-071	Department:	DME				Managing Dept. (if any):	N/A
Type:	New	Division:	Engineering	600500			FY Capital Budget:	2022
Location:	Locust Substation	Category:	046 TRANSMISSION SUBSTATION				Est. Completion Date:	2023
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years					Total Resources	Unfunded
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Debt	\$ 70,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 70,000	\$ 0	
Project Description / Justification							Project Map / Picture	
Installation of two station service transformers to provide station power from transmission bus.								

**DME-072 North Lakes Substation SSVT Installation**


CIP Budget #:	DME-072	Department:	DME				Managing Dept. (if any):	N/A
Type:	New	Division:	Engineering	600500			FY Capital Budget:	2022
Location:	North Lakes	Category:	046 TRANSMISSION SUBSTATION				Est. Completion Date:	2023
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years					Total Resources	Unfunded
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Debt	\$ 70,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 70,000	\$ 0	
Project Description / Justification							Project Map / Picture	
Installation of two station service transformers to provide station power from transmission bus.								

**DME-073 Bonnie Brae Substation Upgrade**


CIP Budget #:	DME-073	Department:	DME				Managing Dept. (if any):	N/A
Type:	New	Division:	Engineering	600500			FY Capital Budget:	2022
Location:	Bonnie Brae	Category:	046 TRANSMISSION SUBSTATION				Est. Completion Date:	2024
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years					Total Resources	Unfunded
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Debt	\$ 100,000	\$ 390,000	\$ 0	\$ 0	\$ 0	\$ 490,000	\$ 0	
Project Description / Justification							Project Map / Picture	
Replace five 69kV circuit breakers with 138kV circuit breakers; upgrade transmission line relaying (411L relays). Replace 69kV PT's and arresters with 138kV PT's and arresters. Convert to 138kV operation. Install 138kV EPS metering CT's. Replace two SEL 735 meters with 734 meters, and install two additional SEL 734 meters to provide ERCOT EPS metering								




**DME-074 Denton West Interchange Breaker Replacement**

CIP Budget #:	DME-074	Department:	DME				Managing Dept. (if any):	N/A
Type:	New	Division:	Engineering	600500			FY Capital Budget:	2022
Location:	Denton West	Category:	046 TRANSMISSION SUBSTATION				Est. Completion Date:	2022
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years				Total Resources	Unfunded	
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Aid in Construction	\$ 350,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 350,000	\$ 0	
Project Description / Justification						Project Map / Picture		
This project will replace three 40kA rated circuit breakers identified as deficient on the FERC 715 study with 50kA circuit breakers. This project is reimbursable by TMPA.								


**DME-075 RTU Upgrade (Transmission)**

CIP Budget #:	DME-075	Department:	DME				Managing Dept. (if any):	N/A
Type:	New	Division:	Engineering	600500			FY Capital Budget:	Multi-Year
Location:	All DME	Category:	046 TRANSMISSION SUBSTATION				Est. Completion Date:	N/A
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years				Total Resources	Unfunded	
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Debt	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 500,000	\$ 0	
Project Description / Justification						Project Map / Picture		
Replace older RTU's in stations to allow for Ethernet capabilities.								


**DME-076 Denton West Interchange Autotransformer Addition**

CIP Budget #:	DME-076	Department:	DME				Managing Dept. (if any):	N/A
Type:	New	Division:	Engineering	600500			FY Capital Budget:	2023
Location:	Denton West	Category:	046 TRANSMISSION SUBSTATION				Est. Completion Date:	2024
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years				Total Resources	Unfunded	
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Aid in Construction	\$ 1,350,000	\$ 2,450,000	\$ 2,100,000	\$ 0	\$ 0	\$ 5,900,000	\$ 0	
Project Description / Justification						Project Map / Picture		
This project adds a 3rd new 345kV autotransformer, associated substation equipment (switches, breakers, steel, and bus), and new relay and control protection to alleviate the overloading on the existing 2 autotransformers. (Reimbursable from TMPA)								


**DME-077 Denton West Interchange Drainage**

CIP Budget #:	DME-077	Department:	DME				Managing Dept. (if any):	N/A
Type:	New	Division:	Engineering 600500				FY Capital Budget:	2024
Location:	Denton West	Category:	046 TRANSMISSION SUBSTATION				Est. Completion Date:	2024
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years				Total Resources	Unfunded	
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Aid in Construction	\$ 0	\$ 200,000	\$ 0	\$ 0	\$ 0	\$ 200,000	\$ 0	
Project Description / Justification						Project Map / Picture		
This project regrades areas inside the substation to direct water off the site as needed. (Reimbursable from TMPA)								


**DME-078 McKinney Substation SSVT Installation**

CIP Budget #:	DME-078	Department:	DME				Managing Dept. (if any):	N/A
Type:	New	Division:	Engineering 600500				FY Capital Budget:	2023
Location:	McKinney	Category:	046 TRANSMISSION SUBSTATION				Est. Completion Date:	2023
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years				Total Resources	Unfunded	
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Debt	\$ 120,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 120,000	\$ 0	
Project Description / Justification						Project Map / Picture		
Installation of two station service transformers to provide station power from transmission bus.								


**DME-079 Cooper Creek Substation SSVT Installation**

CIP Budget #:	DME-079	Department:	DME				Managing Dept. (if any):	N/A
Type:	New	Division:	Engineering 600500				FY Capital Budget:	2023
Location:	Cooper Creek	Category:	046 TRANSMISSION SUBSTATION				Est. Completion Date:	2023
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years				Total Resources	Unfunded	
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Debt	\$ 120,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 120,000	\$ 0	
Project Description / Justification						Project Map / Picture		
Installation of two station service transformers to provide station power from transmission bus.								


**DME-080 Brinker Substation - Phase 2**

CIP Budget #:	DME-080	Department:	DME				Managing Dept. (if any):	N/A
Type:	New	Division:	Engineering 600500				FY Capital Budget:	2023
Location:	Brinker	Category:	046 TRANSMISSION SUBSTATION				Est. Completion Date:	2024
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years					Total Resources	Unfunded
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Debt	\$ 100,000	\$ 100,000	\$ 0	\$ 0	\$ 0	\$ 200,000	\$ 0	
Project Description / Justification							Project Map / Picture	
Addition of 2 power transformers and switchgear buildings. Includes relocation of 2 power transformers, purchase of 1 switchgear buildings, connection to transmission bus, installation of protective relaying, and respective commissioning. One switchgear building has been procured.								


**DME-081 North Lakes Substation Autotransformer Decommissioning**

CIP Budget #:	DME-081	Department:	DME				Managing Dept. (if any):	N/A
Type:	New	Division:	Engineering 600500				FY Capital Budget:	2024
Location:	North Lakes	Category:	046 TRANSMISSION SUBSTATION				Est. Completion Date:	2025
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years					Total Resources	Unfunded
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Debt	\$ 0	\$ 75,000	\$ 75,000	\$ 0	\$ 0	\$ 150,000	\$ 0	
Project Description / Justification							Project Map / Picture	
Decommission 138kV to 69kV autotransformer.								


**DME-082 Underwood Substation (Transmission)**

CIP Budget #:	DME-082	Department:	DME				Managing Dept. (if any):	N/A
Type:	New	Division:	Engineering 600500				FY Capital Budget:	2022
Location:	Underwood &	Category:	046 TRANSMISSION SUBSTATION				Est. Completion Date:	2025
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years					Total Resources	Unfunded
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Debt	\$ 1,200,000	\$ 3,400,000	\$ 2,100,000	\$ 0	\$ 0	\$ 6,700,000	\$ 0	
Project Description / Justification							Project Map / Picture	
Construct a new 138kV - 13.2kV substation to meet the needs of growth and maintain reliability for the Hunter and Cole Ranch developments in the southwestern service areas.								


**DME-083 RD Wells Interchange Upgrade**

CIP Budget #:	DME-083	Department:	DME			Managing Dept. (if any):	N/A
Type:	New	Division:	Engineering	600500		FY Capital Budget:	2026
Location:	RD Wells	Category:	046 TRANSMISSION SUBSTATION			Est. Completion Date:	2026
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years				Total Resources	Unfunded
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27		
Debt	\$ 0	\$ 0	\$ 0	\$ 1,500,000	\$ 0	\$ 1,500,000	\$ 0
Project Description / Justification						Project Map / Picture	
Replace bus and switches to increase capacity to 3000Amp.							


**DME-084 Denton West Interchange Brazos Tie-In**

CIP Budget #:	DME-084	Department:	DME			Managing Dept. (if any):	N/A
Type:	New	Division:	Engineering	600500		FY Capital Budget:	2026
Location:	Denton West	Category:	046 TRANSMISSION SUBSTATION			Est. Completion Date:	2027
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years				Total Resources	Unfunded
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27		
Aid in Construction	\$ 0	\$ 0	\$ 0	\$ 1,250,000	\$ 1,050,000	\$ 2,300,000	\$ 0
Project Description / Justification						Project Map / Picture	
Brazos Electric Cooperative is planning to construct two new transmission lines that will connect to Denton West Interchange. This project add termination structures for the new transmission lines and associated breakers, switches, bus, steel, and relay protection and control. (Reimbursable from TMPA)							


**DME-085 RD Wells Interchange Autotransformers Decommissioning**

CIP Budget #:	DME-085	Department:	DME			Managing Dept. (if any):	N/A
Type:	New	Division:	Engineering	600500		FY Capital Budget:	2027
Location:	RD Wells	Category:	046 TRANSMISSION SUBSTATION			Est. Completion Date:	2027
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years				Total Resources	Unfunded
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27		
Debt	\$ 0	\$ 0	\$ 0	\$ 0	\$ 450,000	\$ 450,000	\$ 0
Project Description / Justification						Project Map / Picture	
Decommission two 138kV to 69kV autotransformers.							


**DME-086 Arco Substation 3rd XFMR Addition**

CIP Budget #:	DME-086	Department:	DME				Managing Dept. (if any):	N/A
Type:	New	Division:	Engineering	600500			FY Capital Budget:	2023
Location:	Arco Substation	Category:	046 TRANSMISSION SUBSTATION				Est. Completion Date:	2024
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years					Total Resources	Unfunded
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Debt	\$ 450,000	\$ 350,000	\$ 0	\$ 0	\$ 0	\$ 800,000	\$ 0	
Project Description / Justification							Project Map / Picture	
Addition on a power transformer and switchgear building. Includes relocating existing transformer, purchase of a switchgear building, protective relaying, connection to transmission bus, and respective comissioning.								


**DME-087 New Substation Southwest**

CIP Budget #:	DME-087	Department:	DME				Managing Dept. (if any):	N/A
Type:	New	Division:	Engineering	600500			FY Capital Budget:	2026
Location:	SW Substation	Category:	046 TRANSMISSION SUBSTATION				Est. Completion Date:	2027
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years					Total Resources	Unfunded
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Debt	\$ 0	\$ 0	\$ 0	\$ 5,100,000	\$ 2,500,000	\$ 7,600,000	\$ 0	
Project Description / Justification							Project Map / Picture	
Construct a new 138kV - 13.2kV substation to meet the needs of growth and maintain reliability in the southwestern service areas.								


**DME-088 Substation Security(Trans)**

CIP Budget #:	DME-088	Department:	DME				Managing Dept. (if any):	N/A
Type:	New	Division:	Substations	600400			FY Capital Budget:	Annual
Location:	Various	Category:	046 TRANSMISSION SUBSTATION				Est. Completion Date:	N/A
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years					Total Resources	Unfunded
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Debt	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 500,000	\$ 0	
Project Description / Justification							Project Map / Picture	
Substation Camera System, Card Readers, motion sensors upgrades or replacements								


**DME-089 Brinker Substation Drainage**

CIP Budget #:	DME-089	Department:	DME				Managing Dept. (if any):	N/A
Type:	New	Division:	Engineering	600500			FY Capital Budget:	2022
Location:	Brinker	Category:	046 TRANSMISSION SUBSTATION				Est. Completion Date:	2022
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years					Total Resources	Unfunded
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Debt	\$ 70,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 70,000	\$ 0	
Project Description / Justification							Project Map / Picture	
This project regrades areas inside the substation to direct water off the site as needed.								


**DME-090 Spencer Switch Retirement**

CIP Budget #:	DME-090	Department:	DME				Managing Dept. (if any):	N/A
Type:	New	Division:	Engineering	600500			FY Capital Budget:	2023
Location:	Spencer Switch	Category:	046 TRANSMISSION SUBSTATION				Est. Completion Date:	2023
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years					Total Resources	Unfunded
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Debt	\$ 100,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 100,000	\$ 0	
Project Description / Justification							Project Map / Picture	
Retire and demolish station								


**DME-091 Denton Energy Center Winterization**

CIP Budget #:	DME-091	Department:	DME				Managing Dept. (if any):	N/A
Type:	New	Division:	Engineering	600500			FY Capital Budget:	2022
Location:	DEC	Category:	052 DME - PRODUCTION PLANT				Est. Completion Date:	2023
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years					Total Resources	Unfunded
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Debt	\$ 2,200,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 2,200,000	\$ 0	
Project Description / Justification							Project Map / Picture	
Engineering study to identify improved freeze protection measures to ensure reliable cold weather operations and a project to connect an additional LNG pipeline to the facility and LNG storage.								


**DME-092 DME Work Management System**

CIP Budget #:	DME-092	Department:	DME				Managing Dept. (if any):	N/A
Type:	New	Division:	Engineering 600500				FY Capital Budget:	2022
Location:	All DME	Category:	058 TECHNOLOGY - SOFTWARE/HARDWARE				Est. Completion Date:	2025
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years					Total Resources	Unfunded
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Debt	\$ 1,625,000	\$ 1,096,200	\$ 321,400	\$ 200,000	\$ 0	\$ 3,242,600	\$ 0	
Project Description / Justification						Project Map / Picture		
Purchase and install a WMS that will assist DME with every aspect of project management. Also includes the configuration and implementation of Designer XI.								


**DME-093 Clevest Upgrade**

CIP Budget #:	DME-093	Department:	DME				Managing Dept. (if any):	N/A
Type:	New	Division:	Engineering 600500				FY Capital Budget:	2022
Location:		Category:	058 TECHNOLOGY - SOFTWARE/HARDWARE				Est. Completion Date:	2023
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years					Total Resources	Unfunded
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Revenue	\$ 350,000	\$	\$	\$	\$	\$ 350,000	\$ 0	
Project Description / Justification						Project Map / Picture		
Modify work flows to accommodate new business models								


**DME-094 PRC-005 Software**

CIP Budget #:	DME-094	Department:	DME				Managing Dept. (if any):	N/A
Type:	New	Division:	Engineering 600500				FY Capital Budget:	2022
Location:		Category:	058 TECHNOLOGY - SOFTWARE/HARDWARE				Est. Completion Date:	2022
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years					Total Resources	Unfunded
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Debt	\$ 250,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 250,000	\$ 0	
Project Description / Justification						Project Map / Picture		
This project implements software to manage and track PRC-005 compliance evidence, manage substation relay settings, and substation environmental compliance.								


**DME-095 Utility Network/OMS/AMI**

CIP Budget #:	DME-095	Department:	DME				Managing Dept. (if any):	N/A
Type:	New	Division:	Engineering	600500			FY Capital Budget:	2023
Location:		Category:	058 TECHNOLOGY - SOFTWARE/HARDWARE				Est. Completion Date:	2025
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years					Total Resources	Unfunded
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Debt	\$ 3,000,000	\$ 1,500,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 4,800,000	\$ 0	
Project Description / Justification							Project Map / Picture	
Conversion to Utility Network and development of OSI OMS and ADMS systems with integration into Maximo as needed or required.								

**DME-096 Substation Security Camera Update**


CIP Budget #:	DME-096	Department:	DME				Managing Dept. (if any):	N/A
Type:	New	Division:	Engineering	600500			FY Capital Budget:	2022
Location:		Category:	058 TECHNOLOGY - SOFTWARE/HARDWARE				Est. Completion Date:	2025
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years					Total Resources	Unfunded
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Debt	\$ 400,000	\$ 150,000	\$ 150,000	\$	\$	\$ 700,000	\$ 0	
Project Description / Justification							Project Map / Picture	
Purchase cameras and related applications to facilitate increased security at all of DME's substations and other key areas. There are currently a number of cameras on the system with more expected to be installed in the future. This is currently expected to be a 3 year program.								

**DME-097 TXDOT Road Relocations**

CIP Budget #:	DME-097	Department:	DME				Managing Dept. (if any):	N/A
Type:	New	Division:	Engineering	600500			FY Capital Budget:	Annual
Location:	I35 Corridor	Category:	064 ELECTRIC - RELOCATIONS				Est. Completion Date:	N/A
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years					Total Resources	Unfunded
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Debt	\$ 5,000,000	\$ 3,000,000	\$ 2,000,000	\$ 1,000,000	\$ 1,000,000	\$ 12,000,000	\$ 0	
Project Description / Justification							Project Map / Picture	
<p>TxDOT has initiated several highway improvement projects within DME service territory that will have conflicts with existing DME facilities. These include the following:</p> <ul style="list-style-type: none"> <li>• I35E from Mayhill to Loop 288.</li> <li>• I35 from East/West Merge to US77.</li> </ul>								



**DME-098 City of Denton Road Relocations**

CIP Budget #:	DME-098	Department:	DME				Managing Dept. (if any):	N/A
Type:	New	Division:	Engineering	600500		FY Capital Budget:	Annual	
Location:	Various	Category:	064 ELECTRIC - RELOCATIONS				Est. Completion Date:	N/A
Funding Source	Budget Year 1	Unappropriated Subsequent Years					Total Resources	Unfunded
	FY2022-23	Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Debt	\$ 1,500,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 3,500,000	\$ 0	
Project Description / Justification							Project Map / Picture	
<p>The City of Denton has initiated several roadway improvement projects within Denton that will have conflicts with existing DME facilities. These include the following:</p> <ul style="list-style-type: none"> <li>• Hickory Creek Road West Ph 3 from Riverpass Dr to FM1830</li> <li>• Bonnie Brae Ph 6 from US380 to US77</li> <li>• Bonnie Brae Ph 4B from I35E to Scripture St</li> <li>• Mayhill DCTA Bridge</li> <li>• Jim Christal Road from I35 to Western Blvd</li> </ul>								



**Preliminary Capital Improvement Program  
Water Summary  
Cash Requirements  
(In Thousands)**

**5-Year Summary - Project Category**

	<b>2022-23</b>	<b>2023-24</b>	<b>2024-25</b>	<b>2025-26</b>	<b>2026-27</b>	<b>TOTAL</b>
Booster Station	\$ 200	\$ 1,433	\$ 700	\$ 949	\$ 200	\$ 3,481
Engineering	200	-	-	-	-	200
Field Service Replacement	2,933	3,021	3,112	3,205	3,301	15,572
Miscellaneous	1,773	7,416	7,590	6,599	607	23,985
Oversize Lines	200	200	200	200	200	1,000
Replace Lines	19,888	18,417	15,389	4,500	2,000	60,194
Taps, Fire Hydrants, & Meters	1,248	1,259	1,270	1,281	1,292	6,350
Transmission Lines	12,500	5,500	16,757	15,440	18,157	68,354
Plant Improvements	14,730	9,250	11,700	5,000	450	41,130
Vehicles	359	734	582	678	745	3,098
<b>GRAND TOTAL</b>	<b>\$ 54,031</b>	<b>\$ 47,230</b>	<b>\$ 57,300</b>	<b>\$ 37,851</b>	<b>\$ 26,953</b>	<b>\$ 223,365</b>

**5-Year Summary - Funding Source**

	<b>2022-23</b>	<b>2023-24</b>	<b>2024-25</b>	<b>2025-26</b>	<b>2026-27</b>	<b>TOTAL</b>
Debt Funded Capital	\$ 31,688	\$ 34,385	\$ 43,045	\$ 26,389	\$ 14,799	150,305
Revenue Funded Capital	12,285	12,111	13,673	10,784	11,409	60,262
Cost Participation	6,200	-	-	-	-	6,200
Impact Fee Funding *	3,500	-	-	-	-	3,500
Vehicle Replacement Fund	359	734	582	678	745	3,098
<b>GRAND TOTAL</b>	<b>\$ 54,031</b>	<b>\$ 47,230</b>	<b>\$ 57,300</b>	<b>\$ 37,851</b>	<b>\$ 26,953</b>	<b>\$ 223,365</b>

Total Current Appropriated \$ 58,414

**FY 2022-23 Preliminary Total** \$ 112,446

\* Estimated impact fees available to reduce debt issuance.

## Capital Improvement Program

### Water CIP Projects

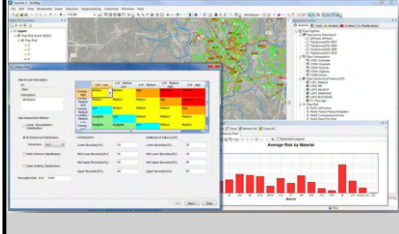
Budget #		FY 22-23	FY 23-24	FY 24-25	FY 25-26	FY 26-27	TOTAL
<b>BOOSTER STATION</b>							
WTR-061	McKenna Park BPS Rehab and replace chain link fence with privacy fence	\$ 200	\$ 800	\$ -	\$ -	\$ -	1,000
WTR-042	Highway 380 Pump Station Improvements Ph 1 (HC: 0-4)	-	633	-	-	-	633
WTR-037	SW BPS Addition	-	-	700	-	-	700
WTR-040	Southwest Pump Station Improvements (HC: 0-2)	-	-	-	949	-	949
WTR-074	Emergency Generator Evaluation (for Rehab/Replacement)	-	-	-	-	200	200
	<b>TOTAL FUNDING</b>	<b>\$ 200</b>	<b>\$ 1,433</b>	<b>\$ 700</b>	<b>\$ 949</b>	<b>\$ 200</b>	<b>\$ 3,481</b>
<b>ENGINEERING</b>							
WTR-030	AMI/AMR Study	\$ 200	\$ -	\$ -	\$ -	\$ -	200
	<b>TOTAL FUNDING</b>	<b>\$ 200</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 200</b>
<b>FIELD SERVICE REPLACEMENT</b>							
WTR-018	Annual Field Service Replacements (CIP In House Construction)	\$ 2,933	\$ 3,021	\$ 3,112	\$ 3,205	\$ 3,301	15,572
	<b>TOTAL FUNDING</b>	<b>\$ 2,933</b>	<b>\$ 3,021</b>	<b>\$ 3,112</b>	<b>\$ 3,205</b>	<b>\$ 3,301</b>	<b>\$ 15,572</b>
<b>MISCELLANEOUS</b>							
WTR-002	Asset Management Program	\$ 273	\$ 281	\$ 290	\$ 299	\$ 307	1,450
WTR-050	LL Dam Safety Mod	750	300	300	300	300	1,950
WTR-075	Comprehensive Water Supply Plan	200	-	-	-	-	200
WTR-100	Drought Management Plan	250	-	-	-	-	250
WTR-067	Water Master Plan Update	300	-	-	-	-	300
WTR-068	LLRWPS Redundant Power Line	-	6,385	5,000	-	-	11,385
WTR-070	LLWTP Master Plan (systematic treatment facility plan)	-	200	-	-	-	200
WTR-060	Large Valve Replacements	-	250	-	-	-	250
WTR-057	LLWTP Dredge the DME pond used for storage of sludge	-	-	2,000	-	-	2,000
WTR-049	Admin Building	-	-	-	6,000	-	6,000
	<b>TOTAL FUNDING</b>	<b>\$ 1,773</b>	<b>\$ 7,416</b>	<b>\$ 7,590</b>	<b>\$ 6,599</b>	<b>\$ 607</b>	<b>\$ 23,985</b>
<b>OVERSIZE WATER LINES</b>							
WTR-019	Oversize Participation Agreements	\$ 200	\$ 200	\$ 200	\$ 200	\$ 200	1,000
	<b>TOTAL FUNDING</b>	<b>\$ 200</b>	<b>\$ 200</b>	<b>\$ 200</b>	<b>\$ 200</b>	<b>\$ 200</b>	<b>\$ 1,000</b>
<b>REPLACEMENT LINES</b>							
WTR-003	Supplement to Bond Election 2019 Projects	\$ 11,000	\$ 11,000	\$ 12,500	\$ 2,500	\$ -	37,000
WTR-004	TXDoT I35N Relocations	4,000	-	-	-	-	4,000
WTR-007	FM 1515 TXDoT 16" Waterline Relocation	2,200	-	-	-	-	2,200
WTR-016	Elm and Locust (Phase 2)	-	5,000	-	-	-	5,000
WTR-008	LCR (Lead and Copper Rule) Compliance	1,000	1,000	1,000	1,000	1,000	5,000
WTR-009	LCR (Lead and Copper Rule) Remediation	1,000	1,000	1,000	1,000	1,000	5,000
WTR-013	Westgate Road and Drainage	208	-	-	-	-	208
WTR-014	Morse Street Reconstruction	480	-	-	-	-	480
WTR-011	Bonnie Brae (Phase 5)	-	-	889	-	-	889
WTR-012	Bonnie Brae (Phase 6)	-	417	-	-	-	417
	<b>TOTAL FUNDING</b>	<b>\$ 19,888</b>	<b>\$ 18,417</b>	<b>\$ 15,389</b>	<b>\$ 4,500</b>	<b>\$ 2,000</b>	<b>\$ 60,194</b>
<b>TAPS, FIRE HYDRANTS, &amp; METERS</b>							
WTR-020	Water Taps	290	299	308	317	327	1,542
WTR-021	Fire Hydrant Installs	58	60	61	63	65	308
WTR-029	Water Meters	900	900	900	900	900	4,500
	<b>TOTAL FUNDING</b>	<b>\$ 1,248</b>	<b>\$ 1,259</b>	<b>\$ 1,270</b>	<b>\$ 1,281</b>	<b>\$ 1,292</b>	<b>\$ 6,350</b>
<b>TRANSMISSION LINES</b>							
WTR-023	Transmission Line Condition Assessment	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000	5,000
WTR-024	Transmission Line Condition Repairs	1,000	1,000	1,000	1,000	1,000	5,000
WTR-032	Northwest Transmission Lines & BPS	7,000	-	-	-	-	7,000
WTR-034	LLWTP Raw Water Transmission Line	3,500	3,500	3,500	-	-	10,500
WTR-080	Northwest Water Line (WMP:17)	-	-	10,545	-	-	10,545
WTR-043	36-inch West Loop 288 Transmission Main (HC: 0-5)	-	-	712	-	-	712
WTR-076	I-35W Corbin Water line (WMP: 13)	-	-	-	2,722	-	2,722
WTR-077	I-35W Water Line (WMP: 14)	-	-	-	6,517	-	6,517
WTR-079	McKinney Water Line (WMP: 16)	-	-	-	1,201	-	1,201
WTR-041	36/42-Inch North Loop 288 Transmission Main (HC: 0-3)	-	-	-	3,000	3,000	6,000
WTR-078	Robson Ranch Water Line (WMP: 15)	-	-	-	-	5,697	5,697
WTR-081	Northwest Bonnie Brae Water Lines (WMP:18)	-	-	-	-	2,508	2,508
WTR-083	Southwest Water Line (WMP:20)	-	-	-	-	3,594	3,594
WTR-048	16-inch Jim Christal Transmission Main (HC:0-9)	-	-	-	-	1,359	1,359
	<b>TOTAL FUNDING</b>	<b>\$ 12,500</b>	<b>\$ 5,500</b>	<b>\$ 16,757</b>	<b>\$ 15,440</b>	<b>\$ 18,157</b>	<b>\$ 68,354</b>

## Capital Improvement Program

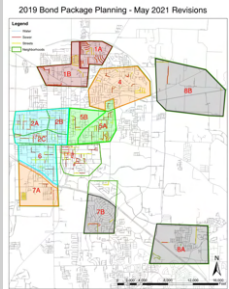
### Water CIP Projects

Budget #		FY 22-23	FY 23-24	FY 24-25	FY 25-26	FY 26-27	TOTAL
<b>PLANT IMPROVEMENTS</b>							
WTR-033	RRWTP Disinfection Conversion and Chemical Improvements	\$ 2,500	\$ -	\$ -	\$ -	\$ -	2,500
WTR-035	LLWTP Sludge Valves	1,500	-	-	-	-	1,500
WTR-036	LLWTP Clarifiers Rehab (Sludge Rake Coating)	1,000	-	-	-	-	1,000
WTR-062	Capacity Rerate and Performance Upgrades	8,000	8,000	8,000	-	-	24,000
WTR-026	Parking Lot Reconstruction	30	-	-	-	-	30
WTR-099	SCADA Platform Development	1,500	-	-	-	-	1,500
WTR-052	Tank Painting	200	200	200	200	200	1,000
WTR-065	RRWTP Sludge Dewatering Improvements	-	500	3,500	3,500	-	7,500
WTR-064	RRWTP Raw Water Line Cleaning for Zebra Mussel Accumulation	-	300	-	-	-	300
WTR-054	Valve Replacements	-	250	-	-	-	250
WTR-066	RRWTP Ground Storage Tank Painting	-	-	-	800	-	800
WTR-073	Water Production Water Storage Tank Mechanical Mixing Options Evaluation	-	-	-	500	-	500
WTR-072	LRR RWPS Hydroelectric Station Evaluation	-	-	-	-	250	250
<b>TOTAL FUNDING</b>		<b>\$ 14,730</b>	<b>\$ 9,250</b>	<b>\$ 11,700</b>	<b>\$ 5,000</b>	<b>\$ 450</b>	<b>\$ 41,130</b>
<b>VEHICLES</b>							
WTR-001	Vehicle Replacement - Administration	\$ -	\$ -	\$ 28	\$ 20	\$ -	\$ 48
WTR-025	Vehicle Replacement - Distribution	179	519	431	427	524	2,080
WTR-027	Vehicle Replacement - Laboratory	45	-	-	-	-	45
WTR-031	Vehicle Replacement - Metering	100	90	55	75	128	448
WTR-104	Vehicle Replacement - Production	35	125	50	156	93	459
WTR-105	Vehicle Replacement - Sustainability	-	-	18	-	-	18
<b>TOTAL FUNDING</b>		<b>\$ 359</b>	<b>\$ 734</b>	<b>\$ 582</b>	<b>\$ 678</b>	<b>\$ 745</b>	<b>\$ 3,098</b>
<b>GRAND TOTAL</b>		<b>\$ 54,031</b>	<b>\$ 47,230</b>	<b>\$ 57,300</b>	<b>\$ 37,851</b>	<b>\$ 26,953</b>	<b>\$ 223,365</b>

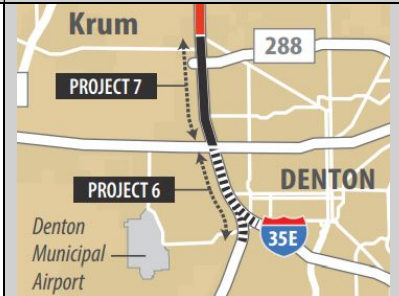
**WTR-002 Asset Management Program**

CIP Budget #:	WTR-002	Department:	Water				Managing Dept. (if any):	Water
Type:	Existing	Division:	Asset Management				FY Capital Budget:	2022
Location:		Category:	024 - MISC				Est. Completion Date:	2026+
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years					Total Resources	Unfunded
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Revenue	\$ 273,182	\$ 281,377	\$ 289,819	\$ 298,513	\$ 307,468	\$ 1,450,359	\$ 0	
Project Description / Justification							Project Map / Picture	
Water Utilities Asset Management Program								


**WTR-003 Supplement to Bond Election 2019 Projects**

CIP Budget #:	WTR-003	Department:	Water				Managing Dept. (if any):	Capital Projects
Type:	Existing	Division:	Distribution				FY Capital Budget:	2022
Location:		Category:	036 - REPLACE LINES				Est. Completion Date:	2026
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years					Total Resources	Unfunded
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Debt	\$ 11,000,000	\$ 11,000,000	\$ 12,500,000	\$ 2,500,000	\$ -	\$ 37,000,000	\$ 0	
Project Description / Justification							Project Map / Picture	
Replacing water lines in Streets projects identified in the 2019 Bond Package.								


**WTR-004 TXDoT I35N Relocations**

CIP Budget #:	WTR-004	Department:	Water				Managing Dept. (if any):	Capital Projects
Type:	Existing	Division:	Distribution				FY Capital Budget:	2022
Location:		Category:	036 - REPLACE LINES				Est. Completion Date:	2023
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years					Total Resources	Unfunded
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Aid in Construction	\$ 4,000,000	\$ -	\$ -	\$ -	\$ -	\$ 4,000,000	\$ 0	
Project Description / Justification							Project Map / Picture	
Relocation of Water lines along I-35								


**WTR-007 FM 1515 TXDoT 16" Waterline Relocation**

CIP Budget #:	WTR-007	Department:	Water				Managing Dept. (if any):	Capital Projects
Type:	Existing	Division:	Distribution				FY Capital Budget:	2022
Location:		Category:	036 - REPLACE LINES				Est. Completion Date:	2023
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years				Total Resources	Unfunded	
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Aid in Construction	\$ 2,200,000	\$ -	\$ -	\$ -	\$ -	\$ 2,200,000	\$ 0	
Project Description / Justification						Project Map / Picture		
Relocation of Water lines along FM 1515								


**WTR-008 LCR (Lead and Copper Rule) Compliance**

CIP Budget #:	WTR-008	Department:	Water				Managing Dept. (if any):	Water
Type:	Existing	Division:	Distribution				FY Capital Budget:	2022
Location:		Category:	036 - REPLACE LINES				Est. Completion Date:	2026+
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years				Total Resources	Unfunded	
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Revenue	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 5,000,000	\$ 0	
Project Description / Justification						Project Map / Picture		
Annual money to replace lead services.								


**WTR-009 LCR (Lead and Copper Rule) Remediation**

CIP Budget #:	WTR-009	Department:	Water				Managing Dept. (if any):	Water
Type:	Existing	Division:	Distribution				FY Capital Budget:	2022
Location:		Category:	036 - REPLACE LINES				Est. Completion Date:	2026+
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years				Total Resources	Unfunded	
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Revenue	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 5,000,000	\$ 0	
Project Description / Justification						Project Map / Picture		
Annual money to replace lead services.								


**WTR-011 Bonnie Brae (phase 5)**

CIP Budget #:	WTR-011	Department:	Water				Managing Dept. (if any):	Capital Projects
Type:	New	Division:	Distribution				FY Capital Budget:	2023
Location:		Category:	036 - REPLACE LINES				Est. Completion Date:	2024
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years				Total Resources	Unfunded	
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Revenue	\$ -	\$ -	\$ 889,350	\$ -	\$ -	\$ 889,350	\$ 0	
Project Description / Justification						Project Map / Picture		
Replace water line along Bonnie Brae from Scripture to 380								

**WTR-016 Elm and Locust (Phase 2)**


CIP Budget #:	WTR-016	Department:	Water				Managing Dept. (if any):	Capital Projects
Type:	Existing	Division:	Distribution				FY Capital Budget:	2022
Location:		Category:	036 - REPLACE LINES				Est. Completion Date:	2023
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years				Total Resources	Unfunded	
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Debt	\$ -	\$ 5,000,000	\$ -	\$ -	\$ -	\$ 5,000,000	\$ 0	
Project Description / Justification						Project Map / Picture		
Water line replacement from Hickory St to Hwy 380								

**WTR-018 Annual Field Service Replacements (CIP In House Construction)**


CIP Budget #:	WTR-018	Department:	Water				Managing Dept. (if any):	Water - Capital
Type:	Existing	Division:	Distribution				FY Capital Budget:	2022
Location:		Category:	020 - FIELD SERVICES REPLACEMENT				Est. Completion Date:	2026+
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years				Total Resources	Unfunded	
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Revenue	\$ 2,933,124	\$ 3,021,118	\$ 3,111,751	\$ 3,205,104	\$ 3,301,257	\$ 15,572,353	\$ 0	
Project Description / Justification						Project Map / Picture		
Department construction replacement projects for Water Lines.								




**WTR-019 Oversize Participation Agreements**

CIP Budget #:	WTR-019	Department:	Water				Managing Dept. (if any):	Water
Type:	Existing	Division:	Distribution				FY Capital Budget:	2022
Location:		Category:	029 - OVERSIZE LINES				Est. Completion Date:	2026+
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years				Total Resources	Unfunded	
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Revenue	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 1,000,000	\$ 0	
Project Description / Justification						Project Map / Picture		
Annual funding for Oversize Participation Agreements								


**WTR-020 Water Taps**

CIP Budget #:	WTR-020	Department:	Water				Managing Dept. (if any):	Water
Type:	Existing	Division:	Distribution				FY Capital Budget:	2022
Location:		Category:	042 - TAPS,FIRE HYDS, METERS				Est. Completion Date:	2026+
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years				Total Resources	Unfunded	
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Revenue	\$ 290,434	\$ 299,147	\$ 308,122	\$ 317,365	\$ 326,886	\$ 1,541,955	\$ 0	
Project Description / Justification						Project Map / Picture		
Department support of installing taps for new construction								


**WTR-021 Fire Hydrant Installs**

CIP Budget #:	WTR-021	Department:	Water				Managing Dept. (if any):	Water
Type:	Existing	Division:	Distribution				FY Capital Budget:	2022
Location:		Category:	042 - TAPS,FIRE HYDS, METERS				Est. Completion Date:	2026+
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years				Total Resources	Unfunded	
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Revenue	\$ 57,963	\$ 59,702	\$ 61,493	\$ 63,338	\$ 65,238	\$ 307,735	\$ 0	
Project Description / Justification						Project Map / Picture		
Department support of installing fire hydrants for new construction								


**WTR-023 Transmission Line Condition Assessment**

CIP Budget #:	WTR-023	Department:	Water				Managing Dept. (if any):	Water
Type:	Existing	Division:	Distribution				FY Capital Budget:	2022
Location:		Category:	045 - TRANSMISSION LINES				Est. Completion Date:	2026+
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years					Total Resources	Unfunded
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Revenue	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 5,000,000	\$ 0	
Project Description / Justification							Project Map / Picture	
Annual funding for transmission line Condition Assessments.								


**WTR-024 Transmission Line Condition Repairs**

CIP Budget #:	WTR-024	Department:	Water				Managing Dept. (if any):	Water
Type:	Existing	Division:	Distribution				FY Capital Budget:	2022
Location:		Category:	045 - TRANSMISSION LINES				Est. Completion Date:	2026+
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years					Total Resources	Unfunded
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Revenue	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 5,000,000	\$ 0	
Project Description / Justification							Project Map / Picture	
Annual funding for transmission line Condition Assessments.								

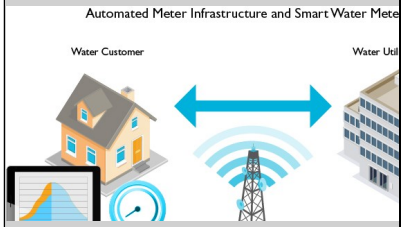
**WTR-026 Parking Lot Reconstruction**

CIP Budget #:	WTR-026	Department:	Water				Managing Dept. (if any):	Environmental
Type:	Existing	Division:	Laboratory				FY Capital Budget:	2022
Location:		Category:	048 - PLANT IMPROVEMENTS				Est. Completion Date:	2023
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years					Total Resources	Unfunded
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Revenue	\$ 30,000	\$ -	\$ -	\$ -	\$ -	\$ 30,000	\$ 0	
Project Description / Justification							Project Map / Picture	
Repaving of Parking Lot East of Lab Building								


**WTR-029 Water Meters**

CIP Budget #:	WTR-029	Department:	Water				Managing Dept. (if any):	Water
Type:	Existing	Division:	Metering				FY Capital Budget:	2022
Location:		Category:	042 - TAPS, FIRE HYDS, METERS				Est. Completion Date:	2026+
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years				Total Resources	Unfunded	
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Revenue	\$ 900,000	\$ 900,000	\$ 900,000	\$ 900,000	\$ 900,000	\$ 4,500,000	\$ 0	
Project Description / Justification						Project Map / Picture		
Annual Water Meter Replacements								


**WTR-030 AMI/AMR Study**

CIP Budget #:	WTR-030	Department:	Water				Managing Dept. (if any):	Water
Type:	Existing	Division:	Metering				FY Capital Budget:	2022
Location:		Category:	018 - ENGINEERING				Est. Completion Date:	2023
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years				Total Resources	Unfunded	
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Revenue	\$ 200,000	\$ -	\$ -	\$ -	\$ -	\$ 200,000	\$ 0	
Project Description / Justification						Project Map / Picture		
Study of upgrading from standard to AMI (remote read) meters								


**WTR-032 Northwest Transmission Lines & BPS**

CIP Budget #:	WTR-032	Department:	Water				Managing Dept. (if any):	Water
Type:	Existing	Division:	Production				FY Capital Budget:	2022
Location:		Category:	045 - TRANSMISSION LINES				Est. Completion Date:	2023
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years				Total Resources	Unfunded	
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Debt	\$ 7,000,000	\$ -	\$ -	\$ -	\$ -	\$ 7,000,000	\$ 0	
Project Description / Justification						Project Map / Picture		
Expand capacity at Riney Road station and pipeline supporting NW pressure plane								


**WTR-033 RRWTP Disinfection Conversion and Chemical Improvements**

CIP Budget #:	WTR-033	Department:	Water				Managing Dept. (if any):	Water
Type:	Existing	Division:	Production				FY Capital Budget:	2022
Location:		Category:	048 - PLANT IMPROVEMENTS				Est. Completion Date:	2023
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years				Total Resources	Unfunded	
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Debt	\$ 2,500,000	\$ -	\$ -	\$ -	\$ -	\$ 2,500,000	\$ 0	
Project Description / Justification						Project Map / Picture		
Conversion from chlorine and ammonia gas to sodium hypochloride and liquid ammonium sulfate to bring disinfection consistency to both plants								


**WTR-034 LLWTP Raw Water Transmission Line**

CIP Budget #:	WTR-034	Department:	Water				Managing Dept. (if any):	Water
Type:	Existing	Division:	Production				FY Capital Budget:	2022
Location:		Category:	045 - TRANSMISSION LINES				Est. Completion Date:	2025
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years				Total Resources	Unfunded	
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Debt	\$ 3,500,000	\$ 3,500,000	\$ 3,500,000	\$ -	\$ -	\$ 10,500,000	\$ 0	
Project Description / Justification						Project Map / Picture		
Evaluation and repairs to the Lake Lewisville 27" raw water intake line								


**WTR-035 LLWTP Sludge Valves**

CIP Budget #:	WTR-035	Department:	Water				Managing Dept. (if any):	Water
Type:	Existing	Division:	Production				FY Capital Budget:	2022
Location:		Category:	048 - PLANT IMPROVEMENTS				Est. Completion Date:	2023
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years				Total Resources	Unfunded	
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Revenue	\$ 1,500,000	\$ -	\$ -	\$ -	\$ -	\$ 1,500,000	\$ 0	
Project Description / Justification						Project Map / Picture		
Replacement of Sludge Valves at the Lewisville Lake Water Treatment Plant								

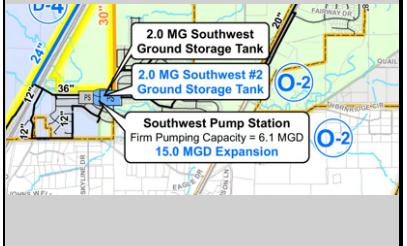
**WTR-036 LLWTP Clarifiers Rehab (Sludge Rake Coating)**

CIP Budget #:	WTR-036	Department:	Water				Managing Dept. (if any):	Water
Type:	Existing	Division:	Production				FY Capital Budget:	2022
Location:		Category:	048 - PLANT IMPROVEMENTS				Est. Completion Date:	2023
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years				Total Resources	Unfunded	
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Debt	\$ 1,000,000	\$ -	\$ -	\$ -	\$ -	\$ 1,000,000	\$ 0	
Project Description / Justification						Project Map / Picture		
Recoating of the clarifier mechanisms (steel components)								

**WTR-037 SW BPS Addition**

CIP Budget #:	WTR-037	Department:	Water				Managing Dept. (if any):	Water
Type:	New	Division:	Production				FY Capital Budget:	2024
Location:		Category:	002 - BOOSTER STATION				Est. Completion Date:	2025
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years				Total Resources	Unfunded	
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Revenue	\$ -	\$ -	\$ 700,000	\$ -	\$ -	\$ 700,000	\$ 0	
Project Description / Justification						Project Map / Picture		
Additional pump to increase station capacity to the southwest pressure plane								

**WTR-040 Southwest Pump Station Improvements (HC: 0-2)**

CIP Budget #:	WTR-040	Department:	Water				Managing Dept. (if any):	Water
Type:	New	Division:	Production				FY Capital Budget:	2025
Location:		Category:	002 - BOOSTER STATION				Est. Completion Date:	2026
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years				Total Resources	Unfunded	
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Debt	\$ -	\$ -	\$ -	\$ 948,700	\$ -	\$ 948,700	\$ 0	
Project Description / Justification						Project Map / Picture		
Expansion of SW Pump Station to accommodate Hunter & Cole Ranch projects								

**WTR-041 36/42-Inch North Loop 288 Transmission Main (HC: O-3)**

CIP Budget #:	WTR-041	Department:	Water				Managing Dept. (if any):	Capital Projects
Type:	New	Division:	Production				FY Capital Budget:	2025
Location:		Category:	045 - TRANSMISSION LINES				Est. Completion Date:	2026
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years					Total Resources	Unfunded
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Debt	\$ -	\$ -	\$ -	\$ 3,000,000	\$ 3,000,000	\$ 6,000,000	\$ 0	
Project Description / Justification						Project Map / Picture		
New water main along expansion of Loop 288 to accommodate Hunter & Cole Ranch projects								

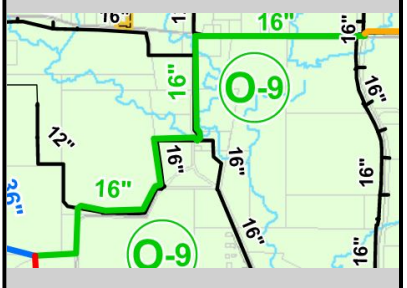
**WTR-042 Highway 380 Pump Station Improvements Ph 1 (HC: O-4)**

CIP Budget #:	WTR-042	Department:	Water				Managing Dept. (if any):	Water
Type:	New	Division:	Production				FY Capital Budget:	2025
Location:		Category:	002 - BOOSTER STATION				Est. Completion Date:	2024
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years					Total Resources	Unfunded
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Revenue	\$ -	\$ 632,500	\$ -	\$ -	\$ -	\$ 632,500	\$ 0	
Project Description / Justification						Project Map / Picture		
New water transmission facility to accommodate Hunter & Cole Ranch projects								

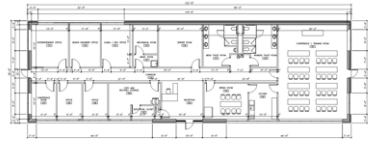
**WTR-043 36-inch West Loop 288 Transmission Main (HC: O-5)**

CIP Budget #:	WTR-043	Department:	Water				Managing Dept. (if any):	Capital Projects
Type:	New	Division:	Production				FY Capital Budget:	2024
Location:		Category:	045 - TRANSMISSION LINES				Est. Completion Date:	2025
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years					Total Resources	Unfunded
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Revenue	\$ -	\$ -	\$ 712,000	\$ -	\$ -	\$ 712,000	\$ 0	
Project Description / Justification						Project Map / Picture		
New water main to accommodate Hunter & Cole Ranch projects								


**WTR-048 16-inch Jim Christal Transmission Main (HC:0-9)**

CIP Budget #:	WTR-048	Department:	Water				Managing Dept. (if any):	Capital Projects
Type:	New	Division:	Production				FY Capital Budget:	2026
Location:		Category:	045 - TRANSMISSION LINES				Est. Completion Date:	2026
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years				Total Resources	Unfunded	
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Revenue	\$ -	\$ -	\$ -	\$ -	\$ 1,358,500	\$ 1,358,500	\$ 0	
Project Description / Justification						Project Map / Picture		
New water main to accommodate Hunter & Cole Ranch projects								


**WTR-049 Admin Building**

CIP Budget #:	WTR-049	Department:	Water				Managing Dept. (if any):	Water
Type:	New	Division:	Production				FY Capital Budget:	2025
Location:		Category:	024 - MISC				Est. Completion Date:	2025
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years				Total Resources	Unfunded	
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Debt	\$ -	\$ -	\$ -	\$ 6,000,000	\$ -	\$ 6,000,000	\$ 0	
Project Description / Justification						Project Map / Picture		
Replacement office building for Lake Lewisville Water Treatment Plant								


**WTR-050 LL Dam Safety Mod**

CIP Budget #:	WTR-050	Department:	Water				Managing Dept. (if any):	Water
Type:	Existing	Division:	Production				FY Capital Budget:	2022
Location:		Category:	024 - MISC				Est. Completion Date:	2026+
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years				Total Resources	Unfunded	
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Revenue	\$ 750,000	\$ 300,000	\$ 300,000	\$ 300,000	\$ 300,000	\$ 1,950,000	\$ 0	
Project Description / Justification						Project Map / Picture		
Annual fee to the U.S. Army Corps of Engineers for maintenance of Lake Lewisville and Lake Ray Roberts								


**WTR-052 Tank Painting**

CIP Budget #:	WTR-052	Department:	Water				Managing Dept. (if any):	Water
Type:	Existing	Division:	Production				FY Capital Budget:	2022
Location:		Category:	048 - PLANT IMPROVEMENTS				Est. Completion Date:	2026+
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years				Total Resources	Unfunded	
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Revenue	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 1,000,000	\$ 0	
Project Description / Justification						Project Map / Picture		
Annual contribution to fund for painting storage tanks inside and outside								

**WTR-054 Valve Replacements**


CIP Budget #:	WTR-054	Department:	Water				Managing Dept. (if any):	Water
Type:	New	Division:	Production				FY Capital Budget:	2023
Location:		Category:	048 - PLANT IMPROVEMENTS				Est. Completion Date:	2024
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years				Total Resources	Unfunded	
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Revenue	\$ -	\$ 250,000	\$ -	\$ -	\$ -	\$ 250,000	\$ 0	
Project Description / Justification						Project Map / Picture		
Replace valves on the Lake Lewisville 27" Raw water line								

**WTR-057 LLWTP Dredge the DME pond used for storage of sludge**


CIP Budget #:	WTR-057	Department:	Water				Managing Dept. (if any):	Water
Type:	New	Division:	Production				FY Capital Budget:	2024
Location:		Category:	024 - MISC				Est. Completion Date:	2025
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years				Total Resources	Unfunded	
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Revenue	\$ -	\$ -	\$ 2,000,000	\$ -	\$ -	\$ 2,000,000	\$ 0	
Project Description / Justification						Project Map / Picture		
Removing process sludge stored in the pond on DME's site								




**WTR-060 Large Valve Replacements**

CIP Budget #:	WTR-060	Department:	Water				Managing Dept. (if any):	Water
Type:	New	Division:	Production				FY Capital Budget:	2023
Location:		Category:	024 - MISC				Est. Completion Date:	2024
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years				Total Resources	Unfunded	
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Revenue	\$ -	\$ 250,000	\$ -	\$ -	\$ -	\$ 250,000	\$ 0	
Project Description / Justification						Project Map / Picture		
Replace valves 54" distribution line from Ray Roberts Treatment Plant								


**WTR-061 McKenna Park BPS Rehab and replace chain link fence with privacy fence**

CIP Budget #:	WTR-061	Department:	Water				Managing Dept. (if any):	Water
Type:	Existing	Division:	Production				FY Capital Budget:	2022
Location:		Category:	002 - BOOSTER STATION				Est. Completion Date:	2024
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years				Total Resources	Unfunded	
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Revenue	\$ 200,000	\$ 800,000	\$ -	\$ -	\$ -	\$ 1,000,000	\$ 0	
Project Description / Justification						Project Map / Picture		
Rehab of station for aesthetic purposes								


**WTR-062 Capacity Rerate and Performance Upgrades**

CIP Budget #:	WTR-062	Department:	Water				Managing Dept. (if any):	Water
Type:	Existing	Division:	Production				FY Capital Budget:	2022
Location:		Category:	048 - PLANT IMPROVEMENTS				Est. Completion Date:	2025
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years				Total Resources	Unfunded	
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Debt	\$ 8,000,000	\$ 8,000,000	\$ 8,000,000	\$ -	\$ -	\$ 24,000,000	\$ 0	
Project Description / Justification						Project Map / Picture		
Additional capacity at Ray Roberts Water Treatment Plant and repair of older infrastructure								


**WTR-064 RRWTP Raw Water Line Cleaning for Zebra Mussel Accumulation**

CIP Budget #:	WTR-064	Department:	Water				Managing Dept. (if any):	Water
Type:	New	Division:	Production				FY Capital Budget:	2023
Location:		Category:	048 - PLANT IMPROVEMENTS				Est. Completion Date:	2024
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years				Total Resources	Unfunded	
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Revenue	\$ -	\$ 300,000	\$ -	\$ -	\$ -	\$ 300,000	\$ 0	
Project Description / Justification						Project Map / Picture		
Inspection and cleaning of raw water line at Ray Roberts								

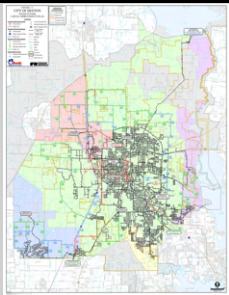
**WTR-065 RRWTP Sludge Dewatering Improvements**

CIP Budget #:	WTR-065	Department:	Water				Managing Dept. (if any):	Water
Type:	New	Division:	Production				FY Capital Budget:	2023
Location:		Category:	048 - PLANT IMPROVEMENTS				Est. Completion Date:	2026
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years				Total Resources	Unfunded	
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Debt	\$ -	\$ 500,000	\$ 3,500,000	\$ 3,500,000	\$ -	\$ 7,500,000	\$ 0	
Project Description / Justification						Project Map / Picture		
Dewatering project for sludge at Ray Roberts for consistency with Lake Lewisville plant								


**WTR-066 RRWTP Ground Storage Tank Painting**

CIP Budget #:	WTR-066	Department:	Water				Managing Dept. (if any):	Water
Type:	New	Division:	Production				FY Capital Budget:	2025
Location:		Category:	048 - PLANT IMPROVEMENTS				Est. Completion Date:	2026
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years				Total Resources	Unfunded	
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Revenue	\$ -	\$ -	\$ -	\$ 800,000	\$ -	\$ 800,000	\$ 0	
Project Description / Justification						Project Map / Picture		
Routine repainting of the ground storage tank at Lake Ray Roberts								


**WTR-067 Water Master Plan Update**

CIP Budget #:	WTR-067	Department:	Water				Managing Dept. (if any):	Water
Type:	Existing	Division:	Production				FY Capital Budget:	2022
Location:		Category:	024 - MISC				Est. Completion Date:	2023
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years				Total Resources	Unfunded	
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Revenue	\$ 300,000	\$ -	\$ -	\$ -	\$ -	\$ 300,000	\$ 0	
Project Description / Justification						Project Map / Picture		
Update of the 2018 Water Master Plan created by Freese and Nichols								


**WTR-068 LLRWPS Redundant Power Line**

CIP Budget #:	WTR-068	Department:	Water				Managing Dept. (if any):	Water
Type:	New	Division:	Production				FY Capital Budget:	2023
Location:		Category:	024 - MISC				Est. Completion Date:	2024
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years				Total Resources	Unfunded	
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Debt	\$ -	\$ 6,385,000	\$ 5,000,000	\$ -	\$ -	\$ 11,385,000	\$ 0	
Project Description / Justification						Project Map / Picture		
Secondary feed from DME substation to improve reliability								

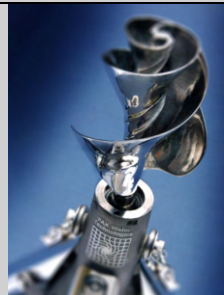
**WTR-070 LLWTP Master Plan (systematic treatment facility plan)**

CIP Budget #:	WTR-070	Department:	Water				Managing Dept. (if any):	Water
Type:	New	Division:	Production				FY Capital Budget:	2023
Location:		Category:	024 - MISC				Est. Completion Date:	2024
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years				Total Resources	Unfunded	
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Revenue	\$ -	\$ 200,000	\$ -	\$ -	\$ -	\$ 200,000	\$ 0	
Project Description / Justification						Project Map / Picture		
Master plan for water treatment facilities								


**WTR-072 LRR RWPS Hydroelectric Station Evaluation**

CIP Budget #:	WTR-072	Department:	Water				Managing Dept. (if any):	Water
Type:	New	Division:	Production				FY Capital Budget:	2026
Location:		Category:	048 - PLANT IMPROVEMENTS				Est. Completion Date:	2026
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years				Total Resources	Unfunded	
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Revenue	\$ -	\$ -	\$ -	\$ -	\$ 250,000	\$ 250,000	\$ 0	
Project Description / Justification						Project Map / Picture		
Evaluating options for existing unused facility and equipment								

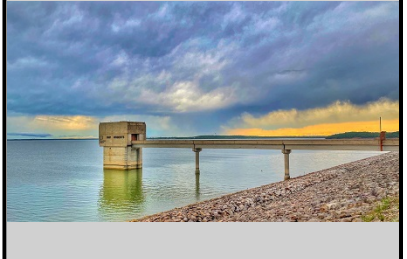
**WTR-073 Water Production Water Storage Tank Mechanical Mixing Options Evaluation**

CIP Budget #:	WTR-073	Department:	Water				Managing Dept. (if any):	Water
Type:	New	Division:	Production				FY Capital Budget:	2025
Location:		Category:	048 - PLANT IMPROVEMENTS				Est. Completion Date:	2026
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years				Total Resources	Unfunded	
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Revenue	\$ -	\$ -	\$ -	\$ 500,000	\$ -	\$ 500,000	\$ 0	
Project Description / Justification						Project Map / Picture		
Review potential technologies for upgrades to mixing tanks for next replacement								

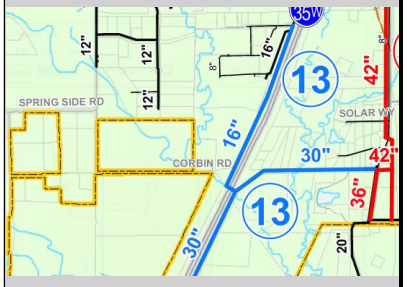
**WTR-074 Emergency Generator Evaluation (for Rehab/Replacement)**

CIP Budget #:	WTR-074	Department:	Water				Managing Dept. (if any):	Water
Type:	New	Division:	Production				FY Capital Budget:	2026
Location:		Category:	002 - BOOSTER STATION				Est. Completion Date:	2026+
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years				Total Resources	Unfunded	
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Revenue	\$ -	\$ -	\$ -	\$ -	\$ 200,000	\$ 200,000	\$ 0	
Project Description / Justification						Project Map / Picture		
Condition assessment for 20-year-old generators								

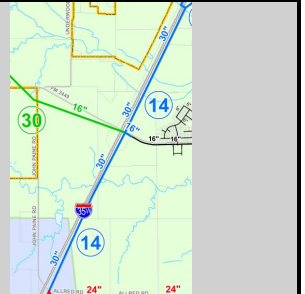
**WTR-075 Comprehensive Water Supply Plan**

CIP Budget #:	WTR-075	Department:	Water				Managing Dept. (if any):	Water
Type:	Existing	Division:	Production				FY Capital Budget:	2022
Location:		Category:	024 - MISC				Est. Completion Date:	2023
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years				Total Resources	Unfunded	
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Revenue	\$ 200,000	\$ -	\$ -	\$ -	\$ -	\$ 200,000	\$ 0	
Project Description / Justification						Project Map / Picture		
Master plan for future water needs for the City of Denton								

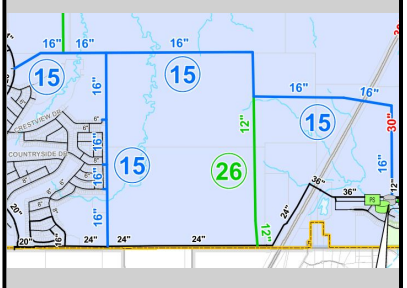
**WTR-076 I-35W Corbin Water line (WMP: 13)**

CIP Budget #:	WTR-076	Department:	Water				Managing Dept. (if any):	Capital Projects
Type:	New	Division:	Distribution				FY Capital Budget:	2025
Location:		Category:	045 - TRANSMISSION LINES				Est. Completion Date:	2026
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years				Total Resources	Unfunded	
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Debt	\$ -	\$ -	\$ -	\$ 2,722,100	\$ -	\$ 2,722,100	\$ 0	
Project Description / Justification						Project Map / Picture		
Water Master Plan Lines								

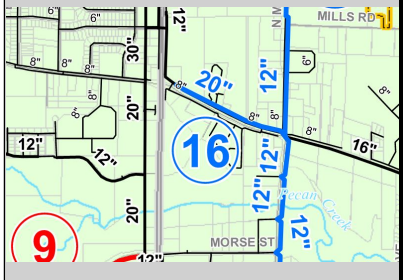
**WTR-077 I-35W Water Line (WMP: 14)**

CIP Budget #:	WTR-077	Department:	Water				Managing Dept. (if any):	Capital Projects
Type:	New	Division:	Distribution				FY Capital Budget:	2025
Location:		Category:	045 - TRANSMISSION LINES				Est. Completion Date:	2026
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years				Total Resources	Unfunded	
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Debt	\$ -	\$ -	\$ -	\$ 6,517,300	\$ -	\$ 6,517,300	\$ 0	
Project Description / Justification						Project Map / Picture		
Water Master Plan Lines								

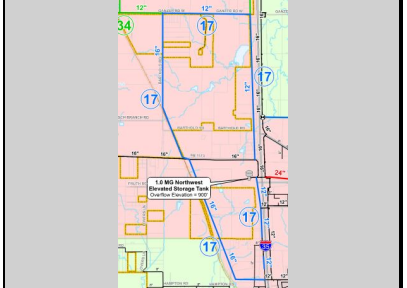
**WTR-078 Robson Ranch Water Line (WMP: 15)**

CIP Budget #:	WTR-078	Department:	Water				Managing Dept. (if any):	Capital Projects
Type:	New	Division:	Distribution				FY Capital Budget:	2026
Location:		Category:	045 - TRANSMISSION LINES				Est. Completion Date:	2026
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years				Total Resources	Unfunded	
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Debt	\$ -	\$ -	\$ -	\$ -	\$ 5,696,700	\$ 5,696,700	\$ 0	
Project Description / Justification						Project Map / Picture		
Water Master Plan Lines								


**WTR-079 McKinney Water Line (WMP: 16)**

CIP Budget #:	WTR-079	Department:	Water				Managing Dept. (if any):	Capital Projects
Type:	New	Division:	Distribution				FY Capital Budget:	2025
Location:		Category:	045 - TRANSMISSION LINES				Est. Completion Date:	2026
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years				Total Resources	Unfunded	
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Debt	\$ -	\$ -	\$ -	\$ 1,200,600	\$ -	\$ 1,200,600	\$ 0	
Project Description / Justification						Project Map / Picture		
Water Master Plan Lines								


**WTR-080 Northwest Water Line (WMP:17)**

CIP Budget #:	WTR-080	Department:	Water				Managing Dept. (if any):	Capital Projects
Type:	New	Division:	Distribution				FY Capital Budget:	2024
Location:		Category:	045 - TRANSMISSION LINES				Est. Completion Date:	2025
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years				Total Resources	Unfunded	
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Debt	\$ -	\$ -	\$ 10,545,300	\$ -	\$ -	\$ 10,545,300	\$ 0	
Project Description / Justification						Project Map / Picture		
Water Master Plan Lines								

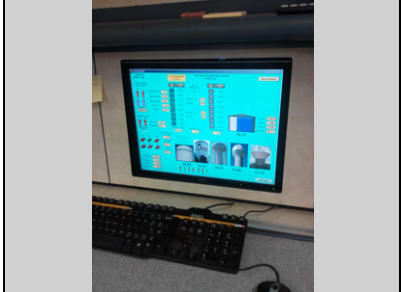
**WTR-081 Northwest Bonnie Brae Water Lines (WMP:18)**

CIP Budget #:	WTR-081	Department:	Water				Managing Dept. (if any):	Capital Projects
Type:	New	Division:	Distribution				FY Capital Budget:	2026
Location:		Category:	045 - TRANSMISSION LINES				Est. Completion Date:	2026
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years				Total Resources	Unfunded	
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Debt	\$ -	\$ -	\$ -	\$ -	\$ 2,508,200	\$ 2,508,200	\$ 0	
Project Description / Justification						Project Map / Picture		
Water Master Plan Lines								


**WTR-083 Southwest Water Line (WMP:20)**

CIP Budget #:	WTR-083	Department:	Water				Managing Dept. (if any):	Capital Projects
Type:	New	Division:	Distribution				FY Capital Budget:	2026
Location:		Category:	045 - TRANSMISSION LINES				Est. Completion Date:	2026
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years				Total Resources	Unfunded	
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Debt	\$ -	\$ -	\$ -	\$ -	\$ 3,593,600	\$ 3,593,600	\$ 0	
Project Description / Justification						Project Map / Picture		
Water Master Plan Lines								

**WTR-099 SCADA Platform Development**

CIP Budget #:	WTR-099	Department:	Water				Managing Dept. (if any):	Water
Type:	Existing	Division:	Distribution				FY Capital Budget:	2022
Location:		Category:	048 - PLANT IMPROVEMENTS				Est. Completion Date:	2023
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years				Total Resources	Unfunded	
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Debt	\$ 1,500,000	\$ -	\$ -	\$ -	\$ -	\$ 1,500,000	\$ 0	
Project Description / Justification						Project Map / Picture		
Create a uniform SCADA software platform/system for W/WW								

**WTR-100 Drought Management Plan**

CIP Budget #:	WTR-100	Department:	Water				Managing Dept. (if any):	Water
Type:	Existing	Division:	Production				FY Capital Budget:	2022
Location:		Category:	024 - MISC				Est. Completion Date:	2023
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years					Total Resources	Unfunded
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Revenue	\$ 250,000	\$ -	\$ -	\$ -	\$ -	\$ 250,000	\$ 0	
Project Description / Justification							Project Map / Picture	
Master plan for managing the City's water needs during a drought.								





**Preliminary Capital Improvement Program  
Wastewater Summary  
Cash Requirements  
(In Thousands)**

**5-Year Summary - Project Category**

	<b>2022-23</b>	<b>2023-24</b>	<b>2024-25</b>	<b>2025-26</b>	<b>2026-27</b>	<b>TOTAL</b>
Collection System Upgrade	\$ 1,500	\$ 5,500	\$ -	\$ -	\$ 3,573	\$ 10,573
Drainage	46	46	46	46	16	200
Drainage Improvements	1,613	2,711	2,671	2,662	2,696	12,353
Field Service Replacements	6,050	5,467	2,037	2,109	2,183	17,846
Liftstation Improvements	25,775	788	3,827	12,068	5,912	48,369
Miscellaneous	1,650	550	2,550	5,150	50	9,950
Oversize Lines	200	200	200	200	200	1,000
Plant Improvements	16,280	40,630	16,630	6,130	7,130	86,800
Replace Lines	13,465	14,787	9,200	3,200	200	40,851
Taps, Fire Hydrants, Meters	93	96	2,599	101	105	2,993
Tools & Equipment	-	-	25	-	-	25
Vehicles	1,672	1,553	1,164	1,644	1,792	7,824
<b>GRAND TOTAL</b>	<b>\$ 68,343</b>	<b>\$ 72,327</b>	<b>\$ 40,948</b>	<b>\$ 33,310</b>	<b>\$ 23,856</b>	<b>\$ 238,784</b>

**5-Year Summary - Funding Source**

	<b>2022-23</b>	<b>2023-24</b>	<b>2024-25</b>	<b>2025-26</b>	<b>2026-27</b>	<b>TOTAL</b>
Debt Funded Capital	\$ 40,948	\$ 65,779	\$ 34,735	\$ 26,180	\$ 16,899	\$ 184,540
Revenue Funded Capital	4,825	4,745	4,798	4,837	4,916	24,121
Cost Participation	20,648	-	-	1,000	-	21,648
Impact Fee Funding <sup>1</sup>	250	250	250	250	250	1,250
Vehicle Replacement Fund <sup>2</sup>	1,672	1,553	1,164	1,044	1,792	7,224
<b>GRAND TOTAL</b>	<b>\$ 68,343</b>	<b>\$ 72,327</b>	<b>\$ 40,948</b>	<b>\$ 33,310</b>	<b>\$ 23,856</b>	<b>\$ 238,784</b>

Total Current Appropriated \$ 60,947

**FY 2022-23 Preliminary Total** \$ 129,289

## Capital Improvement Program

### Wastewater CIP Projects

Budget #		FY 22-23	FY 23-24	FY 24-25	FY 25-26	FY 26-27	TOTAL
<b>COLLECTION SYSTEM UPGRADE</b>							
WWR-071	Hickory Creek Interceptor III	\$ 500	\$ -	\$ -	\$ -	\$ -	500
WWR-007	Hickory Creek Interceptor IV	1,000	5,500	-	-	-	6,500
WWR-056	24/36-inch Roark Branch Interceptor Phase 1 (HC: D-2)	-	-	-	-	596	596
WWR-057	24-Inch Creekway Drive Interceptor Phase 1 (HC: D-3)	-	-	-	-	1,266	1,266
WWR-058	21/27/30-inch Roark Branch Interceptor Phase 2 (HC: D-4)	-	-	-	-	1,711	1,711
	<b>TOTAL FUNDING</b>	<b>\$ 1,500</b>	<b>\$ 5,500</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 3,573</b>	<b>\$ 10,573</b>
<b>DRAINAGE</b>							
WWR-067	Watershed Protection Plan BMP Implementation	\$ 30	\$ 30	\$ 30	\$ 30	\$ -	120
WWR-068	Source Water Protection	16	16	16	16	16	80
	<b>TOTAL FUNDING</b>	<b>\$ 46</b>	<b>\$ 46</b>	<b>\$ 46</b>	<b>\$ 46</b>	<b>\$ 16</b>	<b>\$ 200</b>
<b>DRAINAGE IMPROVEMENTS</b>							
WWR-028	Channel Rehabilitation	\$ 1,613	\$ 2,711	\$ 2,671	\$ 2,662	\$ 2,696	12,353
	<b>TOTAL FUNDING</b>	<b>\$ 1,613</b>	<b>\$ 2,711</b>	<b>\$ 2,671</b>	<b>\$ 2,662</b>	<b>\$ 2,696</b>	<b>\$ 12,353</b>
<b>FIELD SERVICE REPLACEMENTS</b>							
WWR-003	Annual Field Service Replacements	\$ 1,400	\$ 1,442	\$ 1,485	\$ 1,530	\$ 1,576	7,433
WWR-023	Pipe/Force Main Condition Assessment	500	525	551	579	608	2,763
WWR-022	Replace Hobson Force Main	150	1,000	-	-	-	1,150
WWR-042	Hickory Creek Forcemain Replacement	4,000	2,500	-	-	-	6,500
	<b>TOTAL FUNDING</b>	<b>\$ 6,050</b>	<b>\$ 5,467</b>	<b>\$ 2,037</b>	<b>\$ 2,109</b>	<b>\$ 2,183</b>	<b>\$ 17,846</b>
<b>LIFT STATION IMPROVEMENTS</b>							
WWR-013	Milam Creek Basin Wastewater Line and Lift Station	\$ 22,400	\$ -	\$ -	\$ -	\$ -	22,400
WWR-039	Lift Station Replacement	750	788	827	868	912	4,144
WWR-045	Barrow LS Abandonment	500	-	-	-	-	500
WWR-072	Lift Station Condition Assessment	500	-	-	-	-	500
WWR-046	Robson Ranch Decommissioning Project	1,550	-	-	1,200	-	2,750
WWR-049	Raw Pump	75	-	-	-	-	75
WWR-041	Clear Creek Basin Pump Station	-	-	3,000	10,000	-	13,000
WWR-053	Graveyard Branch Diversion Lift Station (HC: O-3)	-	-	-	-	5,000	5,000
	<b>TOTAL FUNDING</b>	<b>\$ 25,775</b>	<b>\$ 788</b>	<b>\$ 3,827</b>	<b>\$ 12,068</b>	<b>\$ 5,912</b>	<b>\$ 48,369</b>
<b>MISCELLANEOUS</b>							
WWR-065	Effluent Reuse	\$ 25	\$ 25	\$ 25	\$ 25	\$ 25	125
WWR-063	Beneficial Reuse Concrete Improvement	25	25	25	25	25	125
WWR-064	Dyno Dirt Bagging Equipment	100	-	-	-	-	100
WWR-060	SCADA Platform Development	1,500	-	-	-	-	1,500
WWR-043	Reuse WW line/State School Tank Repair	-	500	2,500	-	-	3,000
WWR-048	Hickory Creek Detention Facility Tank #2	-	-	-	5,100	-	5,100
	<b>TOTAL FUNDING</b>	<b>\$ 1,650</b>	<b>\$ 550</b>	<b>\$ 2,550</b>	<b>\$ 5,150</b>	<b>\$ 50</b>	<b>\$ 9,950</b>
<b>OVERSIZE LINES</b>							
WWR-020	Oversize Wastewater Lines	\$ 200	\$ 200	\$ 200	\$ 200	\$ 200	1,000
	<b>TOTAL FUNDING</b>	<b>\$ 200</b>	<b>\$ 200</b>	<b>\$ 200</b>	<b>\$ 200</b>	<b>\$ 200</b>	<b>\$ 1,000</b>
<b>VEHICLES</b>							
WWR-025	New Vehicles - Collections	\$ -	\$ -	\$ -	\$ 600	\$ -	600
WWR-026	Vehicle Replacement - Field Services	-	-	-	172	104	276
WWR-027	Vehicle Replacement - Collections	571	952	413	231	225	2,392
WWR-029	Vehicle Replacement - Drainage	268	103	229	288	437	1,325
WWR-031	Vehicle Replacement - Industrial Pretreatment	-	-	31	45	45	121
WWR-033	Vehicle Replacement - Laboratory	-	33	-	-	-	33
WWR-062	Vehicle Replacement - Reclamation	33	36	103	228	305	704
WWR-066	Vehicle Replacement - Beneficial Reuse	800	408	356	-	676	2,240
WWR-069	Vehicle Replacement - Watershed Protection	-	21	32	80	-	133
	<b>TOTAL FUNDING</b>	<b>\$ 1,672</b>	<b>\$ 1,553</b>	<b>\$ 1,164</b>	<b>\$ 1,644</b>	<b>\$ 1,792</b>	<b>\$ 7,824</b>
<b>TOOLS &amp; EQUIPMENT</b>							
WWR-030	Autosampler Replacement	\$ -	\$ -	\$ 25	\$ -	\$ -	25
	<b>TOTAL FUNDING</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 25</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 25</b>
<b>TAPS, FIRE HYDRANTS, METERS</b>							
WWR-018	Wastewater Taps	\$ 93	\$ 96	\$ 99	\$ 101	\$ 105	493
WWR-017	Lakeview Ranch Interceptor	-	-	2,500	-	-	2,500
	<b>TOTAL FUNDING</b>	<b>\$ 93</b>	<b>\$ 96</b>	<b>\$ 2,599</b>	<b>\$ 101</b>	<b>\$ 105</b>	<b>\$ 2,993</b>

## Capital Improvement Program

### Wastewater CIP Projects

Budget #		FY 22-23	FY 23-24	FY 24-25	FY 25-26	FY 26-27	TOTAL
	<b>REPLACE LINES</b>						
WWR-001	Supplement to Bond Election 2019 Projects	\$ 8,000	\$ 9,000	\$ 9,000	\$ 3,000	\$ -	\$ 29,000
WWR-070	Westgate - Windsor Reconstruction	19	-	-	-	-	19
WWR-019	Manhole Repair/Replace/Lining	150	150	150	150	150	750
WWR-021	Private Laterals Replacement	50	50	50	50	50	250
WWR-008	Dry Fork Sanitary Sewer	1,246	-	-	-	-	1,246
WWR-006	TXDOT I35-W Relocations - Wastewater	4,000	-	-	-	-	4,000
WWR-016	Elm Street Sewer Line Replacement (Phase 2)	-	4,700	-	-	-	4,700
WWR-010	Bonnie Brae (Phase 4B)	-	500	-	-	-	500
WWR-011	Bonnie Brae (Phase 5)	-	387	-	-	-	387
	<b>TOTAL FUNDING</b>	<b>\$ 13,465</b>	<b>\$ 14,787</b>	<b>\$ 9,200</b>	<b>\$ 3,200</b>	<b>\$ 200</b>	<b>\$ 40,851</b>
	<b>PLANT IMPROVEMENTS</b>						
WWR-032	Parking Lot Improvements	\$ 50	\$ -	\$ -	\$ -	\$ -	\$ 50
WWR-034	Solids Handling Improvements	12,150	24,000	-	-	-	36,150
WWR-035	Plant Improvements	80	80	80	80	80	400
WWR-036	Electrical Transformer Replacements	50	50	50	50	50	250
WWR-038	PCWRP Headworks Reconfiguration	3,900	16,000	16,000	-	-	35,900
WWR-037	Cooper Creek Bar Screen	50	500	-	-	-	550
WWR-051	Hickory Creek Water Reclamation Plant Ph 1 (HC: O-1)	-	-	500	6,000	7,000	13,500
	<b>TOTAL FUNDING</b>	<b>\$ 16,280</b>	<b>\$ 40,630</b>	<b>\$ 16,630</b>	<b>\$ 6,130</b>	<b>\$ 7,130</b>	<b>\$ 86,800</b>
	<b>GRAND TOTAL</b>	<b>\$ 68,343</b>	<b>\$ 72,327</b>	<b>\$ 40,948</b>	<b>\$ 33,310</b>	<b>\$ 23,856</b>	<b>\$ 238,784</b>

**WWR-001 Supplement to Bond Election 2019 Projects**

CIP Budget #:	WWR-001	Department:	Wastewater				Managing Dept. (if any):	Capital Projects
Type:	Existing	Division:	Collections				FY Capital Budget:	2022
Location:		Category:	036 - REPLACE LINES				Est. Completion Date:	2025
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years					Total Resources	Unfunded
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Debt	\$ 8,000,000	\$ 9,000,000	\$ 9,000,000	\$ 3,000,000	\$ -	\$ 29,000,000	\$ 0	
Project Description / Justification							Project Map / Picture	
Wastewater replacements and relocations from Streets 2019 Bond Election.								

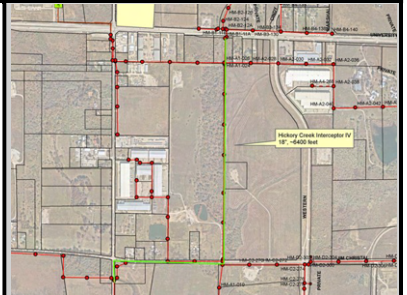
**WWR-003 Annual Field Service Replacements**

CIP Budget #:	WWR-003	Department:	Wastewater				Managing Dept. (if any):	Wastewater -
Type:	Existing	Division:	Collections				FY Capital Budget:	2022
Location:		Category:	020 - FIELD SERVICES REPLCE				Est. Completion Date:	2026+
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years					Total Resources	Unfunded
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Debt	\$ 1,400,000	\$ 1,442,000	\$ 1,485,260	\$ 1,529,818	\$ 1,575,712	\$ 7,432,790	\$ 0	
Project Description / Justification							Project Map / Picture	
Annual replacements for the collections infrastructure (pipes).								

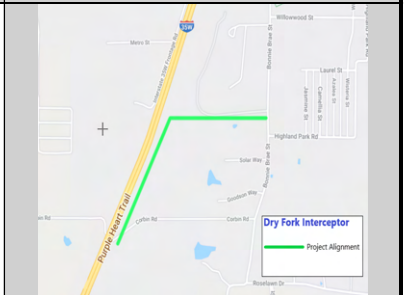
**WWR-006 TXDOT I35-W Relocations - Wastewater**

CIP Budget #:	WWR-006	Department:	Wastewater				Managing Dept. (if any):	Capital Projects
Type:	Existing	Division:	Collections				FY Capital Budget:	2022
Location:		Category:	036 - REPLACE LINES				Est. Completion Date:	2023
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years					Total Resources	Unfunded
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Cost Participation	\$ 4,000,000	\$ -	\$ -	\$ -	\$ -	\$ 4,000,000	\$ 0	
Project Description / Justification							Project Map / Picture	
Relocation of existing City Utilities for the expansion of I-36								


**WWR-007 Hickory Creek Interceptor IV**

CIP Budget #:	WWR-007	Department:	Wastewater				Managing Dept. (if any):	Capital Projects
Type:	Existing	Division:	Collections				FY Capital Budget:	2022
Location:		Category:	005 - COLLECTION SYSTEM UPGRADE				Est. Completion Date:	2023
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years				Total Resources	Unfunded	
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Debt	\$ 1,000,000	\$ 5,500,000	\$ -	\$ -	\$ -	\$ 6,500,000	\$ 0	
Project Description / Justification						Project Map / Picture		
Replacement of Hickory Creek Interceptor from Jim Christal to West University.								


**WWR-008 Dry Fork Sanitary Sewer**

CIP Budget #:	WWR-008	Department:	Wastewater				Managing Dept. (if any):	Capital Projects
Type:	Existing	Division:	Collections				FY Capital Budget:	2022
Location:		Category:	036 - REPLACE LINES				Est. Completion Date:	2024
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years				Total Resources	Unfunded	
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Debt	\$ 1,245,882	\$ -	\$ -	\$ -	\$ -	\$ 1,245,882	\$ 0	
Project Description / Justification						Project Map / Picture		
Capacity upgrade to serve expanding development needs in the Bonnie Brae / Corbin Rd Area								

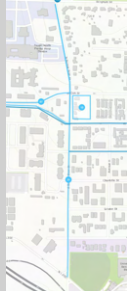
**WWR-010 Bonnie Brae (Phase 4B)**

CIP Budget #:	WWR-010	Department:	Wastewater				Managing Dept. (if any):	Capital Projects
Type:	Existing	Division:	Collections				FY Capital Budget:	2022
Location:		Category:	036 - REPLACE LINES				Est. Completion Date:	2023
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years				Total Resources	Unfunded	
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Debt	\$ -	\$ 500,000	\$ -	\$ -	\$ -	\$ 500,000	\$ 0	
Project Description / Justification						Project Map / Picture		
Wastewater line replacement from I-35 to Scripture								

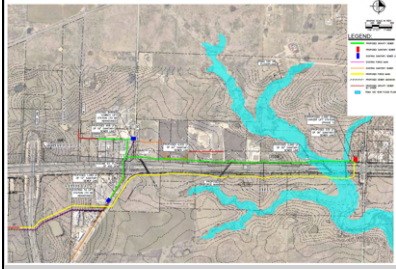
**WWR-011 Bonnie Brae (Phase 5)**

CIP Budget #:	WWR-011	Department:	Wastewater				Managing Dept. (if any):	Capital Projects
Type:	New	Division:	Collections				FY Capital Budget:	2023
Location:		Category:	036 - REPLACE LINES				Est. Completion Date:	2024
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years				Total Resources	Unfunded	
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Debt	\$ -	\$ 386,750	\$ -	\$ -	\$ -	\$ 386,750	\$ 0	
Project Description / Justification						Project Map / Picture		
Wastewater line replacement from Scripture to TX 380.								

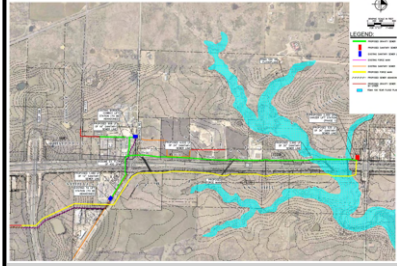
**WWR-013 Milam Creek Basin Wastewater Line and Lift Station**

CIP Budget #:	WWR-013	Department:	Wastewater				Managing Dept. (if any):	Wastewater
Type:	Existing	Division:	Collections				FY Capital Budget:	2022
Location:		Category:	022 - LIFTSTATION IMPROVEMENTS				Est. Completion Date:	2023
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years				Total Resources	Unfunded	
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Debt	\$ 6,752,000	\$ -	\$ -	\$ -	\$ -	\$ 6,752,000	\$ 0	
Project Description / Justification						Project Map / Picture		
Regional solution for NW portion of the City that includes a lift station and wastewater line to connect to the rest of the system. Includes \$8M from a developer and \$7.648M from TXDoT								


**WWR-014 Milam Creek Basin Wastewater Line and Lift Station**

CIP Budget #:	WWR-014	Department:	Wastewater				Managing Dept. (if any):	Wastewater
Type:	Existing	Division:	Collections				FY Capital Budget:	2022
Location:		Category:	022 - LIFTSTATION IMPROVEMENTS				Est. Completion Date:	2023
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years				Total Resources	Unfunded	
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Cost Participation	\$ 8,000,000	\$ -	\$ -	\$ -	\$ -	\$ 8,000,000	\$ 0	
Project Description / Justification						Project Map / Picture		
Regional solution for NW portion of the City that includes a lift station and wastewater line to connect to the rest of the system. Includes \$8M from a developer and \$7.648M from TXDoT								


**WWR-015 Milam Creek Basin Wastewater Line and Lift Station**

CIP Budget #:	WWR-015	Department:	Wastewater				Managing Dept. (if any):	Wastewater
Type:	Existing	Division:	Collections				FY Capital Budget:	2022
Location:		Category:	022 - LIFTSTATION IMPROVEMENTS				Est. Completion Date:	2023
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years				Total Resources	Unfunded	
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Cost Participation	\$ 7,648,000	\$ -	\$ -	\$ -	\$ -	\$ 7,648,000	\$ 0	
Project Description / Justification						Project Map / Picture		
Regional solution for NW portion of the City that includes a lift station and wastewater line to connect to the rest of the system. Includes \$8M from a developer and \$7.648M from TXDoT								

**WWR-016 Elm Street Sewer Line Replacement (Phase 2)**


CIP Budget #:	WWR-016	Department:	Wastewater				Managing Dept. (if any):	Capital Projects
Type:	Existing	Division:	Collections				FY Capital Budget:	2022
Location:		Category:	036 - REPLACE LINES				Est. Completion Date:	2023
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years				Total Resources	Unfunded	
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Debt	\$	\$ 4,700,000	\$ -	\$ -	\$ -	\$ 4,700,000	\$ 0	
Project Description / Justification						Project Map / Picture		
Wastewater line replacement from Hickory St. to Hwy 380.								

**WWR-017 Lakeview Ranch Interceptor**


CIP Budget #:	WWR-017	Department:	Wastewater				Managing Dept. (if any):	Capital Projects
Type:	New	Division:	Collections				FY Capital Budget:	
Location:		Category:	042 - TAPS, FIRE HYDS, METERS				Est. Completion Date:	
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years				Total Resources	Unfunded	
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Debt	\$ -	\$ -	\$ 2,500,000	\$ -	\$ -	\$ 2,500,000	\$ 0	
Project Description / Justification						Project Map / Picture		
Increase capacity to take on flows from a possible Clear Creek Wastewater Facility								




**WWR-018 Wastewater Taps**

CIP Budget #:	WWR-018	Department:	Wastewater				Managing Dept. (if any):	Wastewater
Type:	Existing	Division:	Collections				FY Capital Budget:	2022
Location:		Category:	042 - TAPS, FIRE HYDS, METERS				Est. Completion Date:	2026
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years					Total Resources	Unfunded
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Revenue	\$ 92,882	\$ 95,668	\$ 98,538	\$ 101,494	\$ 104,539	\$ 493,122	\$ 0	
Project Description / Justification							Project Map / Picture	
Annual addition of Taps to the Wastewater system.								

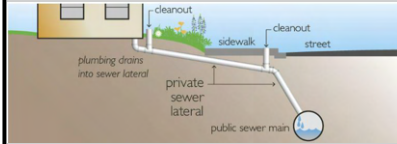
**WWR-019 Manhole Repair/Replace/Lining**

CIP Budget #:	WWR-019	Department:	Wastewater				Managing Dept. (if any):	Wastewater
Type:	Existing	Division:	Collections				FY Capital Budget:	2022
Location:		Category:	036 - REPLACE LINES				Est. Completion Date:	2026
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years					Total Resources	Unfunded
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Revenue	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 750,000	\$ 0	
Project Description / Justification							Project Map / Picture	
Annual replacement and repair of Manholes.								


**WWR-020 Oversize WasteWater Lines**

CIP Budget #:	WWR-020	Department:	Wastewater				Managing Dept. (if any):	Wastewater
Type:	Existing	Division:	Collections				FY Capital Budget:	2022
Location:		Category:	029 - OVERSIZE LINES				Est. Completion Date:	2026
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years					Total Resources	Unfunded
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Revenue	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 1,000,000	\$ 0	
Project Description / Justification							Project Map / Picture	
Annual funding to upgrade wastewater lines through participation with planned developments								


**WWR-021 Private Laterals Replacement**

CIP Budget #:	WWR-021	Department:	Wastewater				Managing Dept. (if any):	Wastewater
Type:	Existing	Division:	Collections				FY Capital Budget:	2022
Location:		Category:	036 - REPLACE LINES				Est. Completion Date:	2026
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years					Total Resources	Unfunded
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Revenue	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 250,000	\$ 0	
Project Description / Justification						Project Map / Picture		
Annual funds for re-routing private laterals for our purposes								


**WWR-022 Replace Hobson Force Main**

CIP Budget #:	WWR-022	Department:	Wastewater				Managing Dept. (if any):	Capital Projects
Type:	Existing	Division:	Collections				FY Capital Budget:	2022
Location:		Category:	020 - FIELD SERVICES REPLCE				Est. Completion Date:	2026
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years					Total Resources	Unfunded
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Debt	\$ 150,000	\$ 1,000,000	\$ -	\$ -	\$ -	\$ 1,150,000	\$ 0	
Project Description / Justification						Project Map / Picture		
Replace force main from Hobson LS to Teasley Ln.								


**WWR-023 Pipe/Force Main Condition Assessment**

CIP Budget #:	WWR-023	Department:	Wastewater				Managing Dept. (if any):	Wastewater
Type:	Existing	Division:	Collections				FY Capital Budget:	2022
Location:		Category:	020 - FIELD SERVICES REPLCE				Est. Completion Date:	2026
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years					Total Resources	Unfunded
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Revenue	\$ 500,000	\$ 525,000	\$ 551,250	\$ 578,813	\$ 607,753	\$ 2,762,816	\$ 0	
Project Description / Justification						Project Map / Picture		
Annual fund to support condition assessment of pipe issues determined in the field								


**WWR-025 New Vehicles - Collections**

CIP Budget #:	WWR-025	Department:	Wastewater				Managing Dept. (if any):	Wastewater
Type:	New	Division:	Collections				FY Capital Budget:	2022
Location:		Category:	050 - VEHICLES				Est. Completion Date:	2025
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years					Total Resources	Unfunded
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Debt	\$ -	\$ -	\$ -	\$ 600,000	\$ -	\$ 600,000	\$ 0	
Project Description / Justification							Project Map / Picture	
Subsurface Utility Engineering (SUE) Truck (Hydro Excavation Truck)								


**WWR-028 Channel Rehabilitation**

CIP Budget #:	WWR-028	Department:	Wastewater				Managing Dept. (if any):	Drainage
Type:	Existing	Division:	Drainage				FY Capital Budget:	2022
Location:		Category:	016 - DRAINAGE IMPROVEMENTS				Est. Completion Date:	2026+
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years					Total Resources	Unfunded
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Revenue	\$ 1,612,742	\$ 2,710,961	\$ 2,670,510	\$ 2,662,180	\$ 2,696,170	\$ 12,352,563	\$ 0	
Project Description / Justification							Project Map / Picture	
Annual fund for field work.								


**WWR-030 Autosampler Replacement**

CIP Budget #:	WWR-030	Department:	Wastewater				Managing Dept. (if any):	Environmental
Type:	New	Division:	Industrial Pretreatment				FY Capital Budget:	2024
Location:		Category:	043 - TOOLS & EQUIPMENT				Est. Completion Date:	2025
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years					Total Resources	Unfunded
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Revenue	\$ -	\$ -	\$ 25,000	\$ -	\$ -	\$ 25,000	\$ 0	
Project Description / Justification							Project Map / Picture	
Replacement of autosampler equipment.								


**WWR-032 Parking Lot Improvements**

CIP Budget #:	WWR-032	Department:	Wastewater				Managing Dept. (if any):	Environmental
Type:	Existing	Division:	Laboratory				FY Capital Budget:	2022
Location:		Category:	048 - PLANT IMPROVEMENTS				Est. Completion Date:	2023
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years				Total Resources	Unfunded	
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Revenue	\$ 50,000	\$ -	\$ -	\$ -	\$ -	\$ 50,000	\$ 0	
Project Description / Justification						Project Map / Picture		
Repaving of Parking Lot East of Lab Building								


**WWR-034 Solids Handling Improvements**

CIP Budget #:	WWR-034	Department:	Wastewater				Managing Dept. (if any):	Wastewater
Type:	Existing	Division:	Reclamation				FY Capital Budget:	2022
Location:		Category:	048 - PLANT IMPROVEMENTS				Est. Completion Date:	2024
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years				Total Resources	Unfunded	
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Debt	\$ 12,150,000	\$ 24,000,000	\$ -	\$ -	\$ -	\$ 36,150,000	\$ 0	
Project Description / Justification						Project Map / Picture		
New infrastructure to increase the capacity at the Pecan Creek Water Reclamation Plant (PCWRP) to increase capacity from 21 million gallons per day (MGD) TO 26MGD								

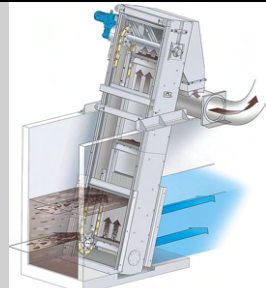
**WWR-035 Plant Improvements**

CIP Budget #:	WWR-035	Department:	Wastewater				Managing Dept. (if any):	Wastewater
Type:	Existing	Division:	Reclamation				FY Capital Budget:	2022
Location:		Category:	048 - PLANT IMPROVEMENTS				Est. Completion Date:	2026+
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years				Total Resources	Unfunded	
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Revenue	\$ 80,000	\$ 80,000	\$ 80,000	\$ 80,000	\$ 80,000	\$ 400,000	\$ 0	
Project Description / Justification						Project Map / Picture		
								


**WWR-036 Electrical Transformer Replacements**

CIP Budget #:	WWR-036	Department:	Wastewater				Managing Dept. (if any):	Wastewater
Type:	Existing	Division:	Reclamation				FY Capital Budget:	2022
Location:		Category:	048 - PLANT IMPROVEMENTS				Est. Completion Date:	2026+
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years					Total Resources	Unfunded
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Revenue	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 250,000	\$ 0	
Project Description / Justification							Project Map / Picture	
Annual fund for replacement of electrical transformers at Pecan Creek Wastewater Treatment Plant								


**WWR-037 Cooper Creek Bar Screen**

CIP Budget #:	WWR-037	Department:	Wastewater				Managing Dept. (if any):	Wastewater
Type:	New	Division:	Reclamation				FY Capital Budget:	2023
Location:		Category:	048 - PLANT IMPROVEMENTS				Est. Completion Date:	2024
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years					Total Resources	Unfunded
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Debt	\$ 50,000	\$ 500,000	\$ -	\$ -	\$ -	\$ 550,000	\$ 0	
Project Description / Justification							Project Map / Picture	
Installation of a bar screen at Cooper Creek Lift Station. This screen protects expensive pumps from damage.								


**WWR-038 PCWRP Headworks Reconfiguration**

CIP Budget #:	WWR-038	Department:	Wastewater				Managing Dept. (if any):	Wastewater
Type:	Existing	Division:	Reclamation				FY Capital Budget:	2022
Location:		Category:	048 - PLANT IMPROVEMENTS				Est. Completion Date:	2025
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years					Total Resources	Unfunded
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Debt	\$ 3,900,000	\$ 16,000,000	\$ 16,000,000	\$ -	\$ -	\$ 35,900,000	\$ 0	
Project Description / Justification							Project Map / Picture	
Construction of new intake and screening facilities at the Pecan Creek Wastewater Treatment Plant								


### WWR-039 Lift Station Replacement

CIP Budget #:	WWR-039	Department:	Wastewater				Managing Dept. (if any):	Wastewater
Type:	Existing	Division:	Reclamation				FY Capital Budget:	2022
Location:		Category:	022 - LIFTSTATION IMPROVEMENTS				Est. Completion Date:	2026+
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years					Total Resources	Unfunded
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Revenue	\$ 750,000	\$ 787,500	\$ 826,875	\$ 868,219	\$ 911,630	\$ 4,144,223	\$ 0	
Project Description / Justification							Project Map / Picture	
Annual fund for major rehab or replacement of WW lift station								


### WWR-041 Clear Creek Basin Pump Station

CIP Budget #:	WWR-041	Department:	Wastewater				Managing Dept. (if any):	Wastewater
Type:	New	Division:	Reclamation				FY Capital Budget:	2024
Location:		Category:	022 - LIFTSTATION IMPROVEMENTS				Est. Completion Date:	2025
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years					Total Resources	Unfunded
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Debt	\$ -	\$ -	\$ 3,000,000	\$ 10,000,000	\$ -	\$ 13,000,000	\$ 0	
Project Description / Justification							Project Map / Picture	
Design and the construction wastewater facility at Clear Creek based on development needs.								


### WWR-042 Hickory Creek Forcemain Replacement

CIP Budget #:	WWR-042	Department:	Wastewater				Managing Dept. (if any):	Capital Projects
Type:	Existing	Division:	Reclamation				FY Capital Budget:	2022
Location:		Category:	020 - FIELD SERVICES REPLCE				Est. Completion Date:	2024
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years					Total Resources	Unfunded
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Debt	\$ 4,000,000	\$ 2,500,000	\$ -	\$ -	\$ -	\$ 6,500,000	\$ 0	
Project Description / Justification							Project Map / Picture	
Replacement of the forcemain from the lift station to State School Rd. This is the largest force main in the city and is 40+ years old.								


**WWR-043 Reuse WW line/State School Tank Repair**

CIP Budget #:	WWR-043	Department:	Wastewater				Managing Dept. (if any):	Wastewater
Type:	New	Division:	Reclamation				FY Capital Budget:	2023
Location:		Category:	024 - MISC				Est. Completion Date:	2025
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years				Total Resources	Unfunded	
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Debt	\$ -	\$ 500,000	\$ 2,500,000	\$ -	\$ -	\$ 3,000,000	\$ 0	
Project Description / Justification						Project Map / Picture		
Repair to the Reuse Water Tank at Denton State Supported Living Center and supply line.								

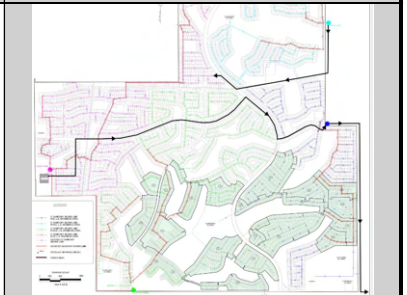
**WWR-045 Barrow LS Abandonment**

CIP Budget #:	WWR-045	Department:	Wastewater				Managing Dept. (if any):	Wastewater
Type:	Existing	Division:	Reclamation				FY Capital Budget:	2022
Location:		Category:	022 - LIFTSTATION IMPROVEMENTS				Est. Completion Date:	2025
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years				Total Resources	Unfunded	
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Revenue	\$ 500,000	\$ -	\$ -	\$ -	\$ -	\$ 500,000	\$ 0	
Project Description / Justification						Project Map / Picture		
Lift Station to be abandon. A new WW main is being constructed for Denton High and will serve this area.								


**WWR-072 Lift Station Condition Assessment**

CIP Budget #:	WWR-072	Department:	Wastewater				Managing Dept. (if any):	Wastewater
Type:	Existing	Division:	Reclamation				FY Capital Budget:	2022
Location:		Category:	022 - LIFTSTATION IMPROVEMENTS				Est. Completion Date:	2023
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years				Total Resources	Unfunded	
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Revenue	\$ 500,000	\$ -	\$ -	\$ -	\$ -	\$ 500,000	\$ 0	
Project Description / Justification						Project Map / Picture		
Assessment of lift stations to identify needed improvements and maintenance.								

**WWR-046 Robson Ranch Decommissioning Project**


CIP Budget #:	WWR-046	Department:	Wastewater				Managing Dept. (if any):	Capital Projects
Type:	Existing	Division:	Reclamation				FY Capital Budget:	2022
Location:		Category:	022 - LIFTSTATION IMPROVEMENTS				Est. Completion Date:	2026
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years				Total Resources	Unfunded	
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Debt	\$ 550,000	\$ -	\$ -	\$ 200,000	\$ -	\$ 750,000	\$ 0	
Project Description / Justification						Project Map / Picture		
Due to wastewater infrastructure expansion a new connection to Hickory Creek Interceptor allows the treatment plant to be converted to a lift station and provides improved service to the Robson Community.								

**WWR-048 Hickory Creek Detention Facility Tank #2**


CIP Budget #:	WWR-048	Department:	Wastewater				Managing Dept. (if any):	Wastewater
Type:	New	Division:	Reclamation				FY Capital Budget:	2025
Location:		Category:	024 - MISC				Est. Completion Date:	2026
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years				Total Resources	Unfunded	
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Debt	\$ -	\$ -	\$ -	\$ 5,100,000	\$ -	\$ 5,100,000	\$ 0	
Project Description / Justification						Project Map / Picture		
Construction of a second 3.5 MGD (million gallons a day) storage tank at the Hickory Creek Detention Facility to increase capacity in the Hickory Creek Basin.								




**WWR-049 Raw Pump**

CIP Budget #:	WWR-049	Department:	Wastewater				Managing Dept. (if any):	Wastewater
Type:	Existing	Division:	Reclamation				FY Capital Budget:	2022
Location:		Category:	022 - LIFTSTATION IMPROVEMENTS				Est. Completion Date:	2023
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years				Total Resources	Unfunded	
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Revenue	\$ 75,000	\$ -	\$ -	\$ -	\$ -	\$ 75,000	\$ 0	
Project Description / Justification						Project Map / Picture		
Purchase of a spare raw pump to support wastewater. This will provide redundancy and avoid service interruptions with a pump failure.								

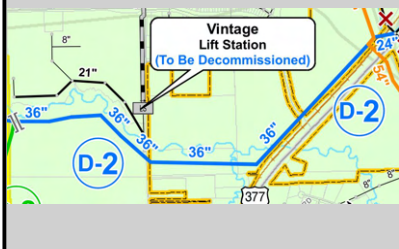
**WWR-051 Hickory Creek Water Reclamation Plant Ph 1 (HC: O-1)**

CIP Budget #:	WWR-051	Department:	Wastewater				Managing Dept. (if any):	Wastewater
Type:	New	Division:	Reclamation				FY Capital Budget:	2025
Location:		Category:	048 - PLANT IMPROVEMENTS				Est. Completion Date:	2026+
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years				Total Resources	Unfunded	
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Debt	\$ -	\$ -	\$ 500,000	\$ 6,000,000	\$ 7,000,000	\$ 13,500,000	\$ 0	
Project Description / Justification						Project Map / Picture		
Hunter Cole Hickory Creek Water Reclamation Plant Phase 1								

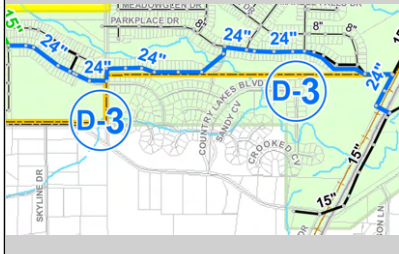
**WWR-053 Graveyard Branch Diversion Lift Station (HC: O-3)**

CIP Budget #:	WWR-053	Department:	Wastewater				Managing Dept. (if any):	Wastewater
Type:	New	Division:	Reclamation				FY Capital Budget:	2026
Location:		Category:	022 - LIFTSTATION IMPROVEMENTS				Est. Completion Date:	2026+
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years				Total Resources	Unfunded	
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Debt	\$ -	\$ -	\$ -	\$ -	\$ 5,000,000	\$ 5,000,000	\$ 0	
Project Description / Justification						Project Map / Picture		
Hunter Cole Lift Station								

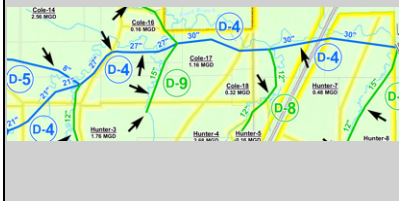
**WWR-056 24/36-inch Roark Branch Interceptor Phase 1 (HC: D-2)**

CIP Budget #:	WWR-056	Department:	Wastewater				Managing Dept. (if any):	Capital Projects
Type:	New	Division:	Collections				FY Capital Budget:	2026
Location:		Category:	005 - COLLECTION SYSTEM UPGRADE				Est. Completion Date:	2026+
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years					Total Resources	Unfunded
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Debt	\$ -	\$ -	\$ -	\$ -	\$ 595,800	\$ 595,800	\$ 0	
Project Description / Justification						Project Map / Picture		
Hunter Cole Wastewater Line Interceptor based on Wastewater Masterplan								


**WWR-057 24-Inch Creekway Drive Interceptor Phase 1 (HC: D-3)**

CIP Budget #:	WWR-057	Department:	Wastewater				Managing Dept. (if any):	Capital Projects
Type:	New	Division:	Collections				FY Capital Budget:	2026
Location:		Category:	005 - COLLECTION SYSTEM UPGRADE				Est. Completion Date:	2026+
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years					Total Resources	Unfunded
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Debt	\$ -	\$ -	\$ -	\$ -	\$ 1,266,100	\$ 1,266,100	\$ 0	
Project Description / Justification						Project Map / Picture		
Hunter Cole Wastewater Line Interceptor based on Wastewater Masterplan								


**WWR-058 21/27/30-inch Roark Branch Interceptor Phase 2 (HC: D-4)**

CIP Budget #:	WWR-058	Department:	Wastewater				Managing Dept. (if any):	Capital Projects
Type:	New	Division:	Collections				FY Capital Budget:	2026
Location:		Category:	005 - COLLECTION SYSTEM UPGRADE				Est. Completion Date:	2026+
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years					Total Resources	Unfunded
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Debt	\$ -	\$ -	\$ -	\$ -	\$ 1,710,900	\$ 1,710,900	\$ 0	
Project Description / Justification						Project Map / Picture		
Hunter Cole Wastewater Line Interceptor based on Wastewater Masterplan								


**WWR-060 SCADA Platform Development**

CIP Budget #:	WWR-060	Department:	Wastewater				Managing Dept. (if any):	Wastewater
Type:	Existing	Division:	Reclamation				FY Capital Budget:	2022
Location:		Category:	024 - MISC				Est. Completion Date:	2023
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years				Total Resources	Unfunded	
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Debt	\$ 1,500,000	\$ -	\$ -	\$ -	\$ -	\$ 1,500,000	\$ 0	
Project Description / Justification						Project Map / Picture		
Create a uniform SCADA software platform/system for W/WW								


**WWR-063 Beneficial Reuse Concrete Improvement**

CIP Budget #:	WWR-063	Department:	Wastewater				Managing Dept. (if any):	Wastewater
Type:	Existing	Division:	Beneficial Reuse				FY Capital Budget:	2022
Location:		Category:	024 - MISC				Est. Completion Date:	2026+
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years				Total Resources	Unfunded	
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Revenue	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 125,000	\$ 0	
Project Description / Justification						Project Map / Picture		
Annual fund for maintenance of concrete pads at the Beneficial Reuse facility due to heavy equipment loadings.								


**WWR-064 Dyno Dirt Bagging Equipment**

CIP Budget #:	WWR-064	Department:	Wastewater				Managing Dept. (if any):	Wastewater
Type:	Existing	Division:	Beneficial Reuse				FY Capital Budget:	2022
Location:		Category:	024 - MISC				Est. Completion Date:	2023
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years				Total Resources	Unfunded	
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Revenue	\$ 100,000	\$ -	\$ -	\$ -	\$ -	\$ 100,000	\$ 0	
Project Description / Justification						Project Map / Picture		
Purchase of bagging equipment to reduce costs and eliminate outside contract services.								


**WWR-065 Effluent Reuse**

CIP Budget #:	WWR-065	Department:	Wastewater				Managing Dept. (if any):	Wastewater
Type:	Existing	Division:	Beneficial Reuse				FY Capital Budget:	2022
Location:		Category:	024 - MISC				Est. Completion Date:	2026+
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years					Total Resources	Unfunded
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Revenue	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 125,000	\$ 0	
Project Description / Justification							Project Map / Picture	
Annual funds to repair reuse force main.								


**WWR-067 Watershed Protection Plan BMP Implementation**

CIP Budget #:	WWR-067	Department:	Wastewater				Managing Dept. (if any):	Wastewater
Type:	Existing	Division:	Watershed Protection				FY Capital Budget:	2022
Location:		Category:	015 - DRAINAGE				Est. Completion Date:	2025
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years					Total Resources	Unfunded
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Revenue	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ -	\$ 120,000	\$ 0	
Project Description / Justification							Project Map / Picture	
Construction of best management practices to support better water quality. Parks Department and Watershed Protection are partnering in the construction of these BMP's.								


**WWR-068 Source Water Protection**

CIP Budget #:	WWR-068	Department:	Wastewater				Managing Dept. (if any):	Environmental
Type:	Existing	Division:	Watershed Protection				FY Capital Budget:	2022
Location:		Category:	015 - DRAINAGE				Est. Completion Date:	2026+
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years					Total Resources	Unfunded
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Revenue	\$ 16,000	\$ 16,000	\$ 16,000	\$ 16,000	\$ 16,000	\$ 80,000	\$ 0	
Project Description / Justification							Project Map / Picture	
Replacement of sondes or automated samplers that are monitoring chemical parameters of water at conveyance areas.								

**WWR-070 Westgate - Windsor Reconstruction**

CIP Budget #:	WWR-070	Department:	Wastewater				Managing Dept. (if any):	Capital Projects
Type:	New	Division:	Collections				FY Capital Budget:	2022
Location:		Category:	036 - REPLACE LINES				Est. Completion Date:	2023
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years				Total Resources	Unfunded	
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Revenue	\$ 18,681	\$ -	\$ -	\$ -	\$ -	\$ 18,681	\$ 0	
Project Description / Justification						Project Map / Picture		
Replace wastewater lines as part of the Westgate-Windsor roadway reconstruction.								

**WWR-071 Hickory Creek Interceptor III**

CIP Budget #:	WWR-071	Department:	Wastewater				Managing Dept. (if any):	Capital Projects
Type:	Existing	Division:	Collections				FY Capital Budget:	2022
Location:		Category:	005 - COLLECTION SYSTEM UPGRADE				Est. Completion Date:	2023
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years				Total Resources	Unfunded	
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Debt	\$ 500,000	\$ -	\$ -	\$ -	\$ -	\$ 500,000	\$ 0	
Project Description / Justification						Project Map / Picture		
Phase III of the Hickory Creek Interceptor replacement project.								



*Solid Waste employee on his collection route*

**Preliminary Capital Improvement Program  
Solid Waste Summary  
Cash Requirements  
(In Thousands)**

**5-Year Summary - Project Category**

	2022-23	2023-24	2024-25	2025-26	2026-27	TOTAL
Structural	\$ 4,900	\$ 2,000	\$ -	\$ 5,000	\$ -	\$ 11,900
Disposal / Landfill	2,000	2,950	3,450	1,500	1,500	11,400
Building Construction	10,500	-	-	-	-	10,500
Vehicles	5,835	3,860	3,000	3,232	3,000	18,927
<b>GRAND TOTAL</b>	<b>\$ 23,235</b>	<b>\$ 8,810</b>	<b>\$ 6,450</b>	<b>\$ 9,732</b>	<b>\$ 4,500</b>	<b>\$ 52,727</b>

**5-Year Summary - Funding Source**

	2022-23	2023-24	2024-25	2025-26	2026-27	TOTAL
Debt Funded Capital	\$ 16,000	\$ 3,000	\$ 450	\$ 5,000	\$ -	24,450
Revenue Funded Capital	3,545	2,810	3,000	1,732	1,500	12,587
Vehicle Replacement Fund	3,690	3,000	3,000	3,000	3,000	15,690
<b>GRAND TOTAL</b>	<b>\$ 23,235</b>	<b>\$ 8,810</b>	<b>\$ 6,450</b>	<b>\$ 9,732</b>	<b>\$ 4,500</b>	<b>\$ 52,727</b>

Total Current Appropriated \$ 11,539

**FY 2022-23 Preliminary Total** \$ 34,774


## Capital Improvement Program

### Solid Waste CIP Projects


Budget #		FY 22-23	FY 23-24	FY 24-25	FY 25-26	FY 26-27	TOTAL
<b>STRUCTURAL</b>							
SW-001	Scalehouse Update & Scale Replacement	\$ 1,300	\$ -	\$ -	\$ -	\$ -	\$ 1,300
SW-002	Transfer Station Permitting and Design	500	-	-	-	-	500
SW-003	HCC Storage Capacity	1,000	-	-	-	-	1,000
SW-004	Roads & Infrastructure	2,000	-	-	-	-	2,000
SW-006	Weigh Scale Removal (Rear Entrance)	100	-	-	-	-	100
SW-007	CSWMS Implementation	-	2,000	-	-	-	2,000
SW-005	Wastewater Infrastructure	-	-	-	5,000	-	5,000
<b>TOTAL FUNDING</b>		<b>\$ 4,900</b>	<b>\$ 2,000</b>	<b>\$ -</b>	<b>\$ 5,000</b>	<b>\$ -</b>	<b>\$ 11,900</b>
<b>DISPOSAL / LANDFILL</b>							
SW-008	1590b Landscape Improvements	\$ 500	\$ -	\$ -	\$ -	\$ -	\$ 500
SW-009	SCADA System	-	1,000	-	-	-	1,000
SW-010	Cell Design 5 & 6	-	450	-	-	-	450
SW-011	Cell 5 & 6 Construction	1,500	1,500	3,000	1,500	1,500	9,000
SW-012	Cell 5 & 6 QA/QC	-	-	450	-	-	450
<b>TOTAL FUNDING</b>		<b>\$ 2,000</b>	<b>\$ 2,950</b>	<b>\$ 3,450</b>	<b>\$ 1,500</b>	<b>\$ 1,500</b>	<b>\$ 11,400</b>
<b>BUILDING CONSTRUCTION</b>							
SW-013	Fleet Shop at Solid Waste	\$ 10,500	\$ -	\$ -	\$ -	\$ -	\$ 10,500
<b>TOTAL FUNDING</b>		<b>\$ 10,500</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 10,500</b>
<b>VEHICLES</b>							
SW-019	Peterbilt 567 Truck	\$ 205	\$ -	\$ -	\$ -	-	205
SW-016	Roll Off Vehicle	225	-	-	232	-	457
SW-017	Front Load Vehicle	315	-	-	-	-	315
SW-022	Mini Rear Loader	150	-	-	-	-	150
SW-023	Nissan Leaf	50	-	-	-	-	50
SW-018	Case/Steiger Scraper	1,200	-	-	-	-	1,200
SW-015	Appliance Shredder	-	800	-	-	-	800
SW-020	Pick-Up Truck	-	60	-	-	-	60
SW-024	Vehicle Replacements	3,690	3,000	3,000	3,000	3,000	15,690
<b>TOTAL FUNDING</b>		<b>\$ 5,835</b>	<b>\$ 3,860</b>	<b>\$ 3,000</b>	<b>\$ 3,232</b>	<b>\$ 3,000</b>	<b>\$ 18,927</b>
<b>GRAND TOTAL</b>		<b>\$ 23,235</b>	<b>\$ 8,810</b>	<b>\$ 6,450</b>	<b>\$ 9,732</b>	<b>\$ 4,500</b>	<b>\$ 52,727</b>




**SW-001 Scalehouse Update & Scale Replacement**

CIP Budget #:	SW-001	Department:	Solid Waste				Managing Dept. (if any):	N/A
Type:	Existing	Division:	Site Operations 660800				FY Capital Budget:	2022
Location:	1527 S. Mayhill	Category:	041 STRUCTURAL				Est. Completion Date:	2023
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years				Total Resources	Unfunded	
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Debt	\$ 1,300,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 1,300,000	\$ 0	
Project Description / Justification						Project Map / Picture		
This project will update the existing scalehouse and provide for better traffic flow.								


**SW-002 Transfer Station Permitting and Design**

CIP Budget #:	SW-002	Department:	Solid Waste				Managing Dept. (if any):	N/A
Type:	New	Division:	Site Operations 660800				FY Capital Budget:	2022
Location:	1527 S. Mayhill	Category:	041 STRUCTURAL				Est. Completion Date:	2023
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years				Total Resources	Unfunded	
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Revenue	\$ 500,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 500,000	\$ 0	
Project Description / Justification						Project Map / Picture		
Permitting and design for a new transfer station.								


**SW-003 HCC Storage Capacity**

CIP Budget #:	SW-003	Department:	Solid Waste				Managing Dept. (if any):	N/A
Type:	New	Division:	Site Operations 660800				FY Capital Budget:	2022
Location:	1527 S. Mayhill	Category:	041 STRUCTURAL				Est. Completion Date:	2023
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years				Total Resources	Unfunded	
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Debt	\$ 1,000,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 1,000,000	\$ 0	
Project Description / Justification						Project Map / Picture		
The HCC Regionalization Concept Space will create a structure to house all the HCC equipment and inventory based on a Regional Capacity. This will expand our current footprint of HCC.								


**SW-004 Roads & Infrastructure**

CIP Budget #:	SW-004	Department:	Solid Waste				Managing Dept. (if any):	N/A
Type:	New	Division:	Site Operations 660800				FY Capital Budget:	2022
Location:	1527 S. Mayhill	Category:	041 STRUCTURAL				Est. Completion Date:	2023
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years				Total Resources	Unfunded	
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Debt	\$ 2,000,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 2,000,000	\$ 0	
Project Description / Justification						Project Map / Picture		
<p>This project will move the wheel was and update roads, parking areas, sidewalks, retaining walls, signs, barricades, light poles, cameras, gates, and fences. The funding is intended to be used to address any issues relating to the roads and infrastructure at the landfill.</p>								


**SW-005 Wastewater Infrastructure**

CIP Budget #:	SW-005	Department:	Solid Waste				Managing Dept. (if any):	N/A
Type:	New	Division:	Site Operations 660800				FY Capital Budget:	2025
Location:	1527 S. Mayhill	Category:	041 STRUCTURAL				Est. Completion Date:	2026
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years				Total Resources	Unfunded	
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Debt	\$ 0	\$ 0	\$ 0	\$ 5,000,000	\$ 0	\$ 5,000,000	\$ 0	
Project Description / Justification						Project Map / Picture		
<p>1590b infrastructure which will relocate wastewater and water lines.</p>								


**SW-006 Weigh Scale Removal (Rear Entrance)**

CIP Budget #:	SW-006	Department:	Solid Waste				Managing Dept. (if any):	N/A
Type:	New	Division:	Site Operations 660800				FY Capital Budget:	2022
Location:	1527 S. Mayhill	Category:	041 STRUCTURAL				Est. Completion Date:	2023
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years				Total Resources	Unfunded	
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Revenue	\$ 100,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 100,000	\$ 0	
Project Description / Justification						Project Map / Picture		
<p>Remove the old scales east of cell 4 (back of facility). The scales are no longer safe to operate.</p>								


**SW-007 CSWMS Implementation**

CIP Budget #:	SW-007	Department:	Solid Waste				Managing Dept. (if any):	N/A
Type:	New	Division:	Site Operations 660800				FY Capital Budget:	2023
Location:	1527 S. Mayhill	Category:	041 STRUCTURAL				Est. Completion Date:	2024
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years				Total Resources	Unfunded	
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Debt	\$ 0	\$ 2,000,000	\$ 0	\$ 0	\$ 0	\$ 2,000,000	\$ 0	
Project Description / Justification						Project Map / Picture		
This funding will implement various programs identified in Comprehensive Solid Waste Management Strategy.								


**SW-008 1590b Landscape Improvements**

CIP Budget #:	SW-008	Department:	Solid Waste				Managing Dept. (if any):	N/A
Type:	New	Division:	Site Operations 660800				FY Capital Budget:	2022
Location:	1527 S. Mayhill	Category:	011 DISPOSAL / LANDFILL				Est. Completion Date:	2023
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years				Total Resources	Unfunded	
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Revenue	\$ 500,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 500,000	\$ 0	
Project Description / Justification						Project Map / Picture		
This project will provide landscaping per our permit to extend for the 1590b permit footprint.								


**SW-009 SCADA System**

CIP Budget #:	SW-009	Department:	Solid Waste				Managing Dept. (if any):	N/A
Type:	New	Division:	Site Operations 660800				FY Capital Budget:	2023
Location:	1527 S. Mayhill	Category:	011 DISPOSAL / LANDFILL				Est. Completion Date:	2024
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years				Total Resources	Unfunded	
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Debt	\$ 0	\$ 1,000,000	\$ 0	\$ 0	\$ 0	\$ 1,000,000	\$ 0	
Project Description / Justification						Project Map / Picture		
Update the SCADA system (Leachate Monitoring) for the landfill.								


**SW-010 Cell Design 5 & 6**

CIP Budget #:	SW-010	Department:	Solid Waste				Managing Dept. (if any):	N/A
Type:	New	Division:	Disposal (Landfill) 660300				FY Capital Budget:	2023
Location:	1527 S. Mayhill	Category:	011 DISPOSAL / LANDFILL				Est. Completion Date:	2024
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years				Total Resources	Unfunded	
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Revenue	\$ 0	\$ 450,000	\$ 0	\$ 0	\$ 0	\$ 450,000	\$ 0	
Project Description / Justification						Project Map / Picture		
Start the cell design for cells 5&6 of the landfill.								


**SW-011 Cell 5 & 6 Construction**

CIP Budget #:	SW-011	Department:	Solid Waste				Managing Dept. (if any):	N/A
Type:	New	Division:	Disposal (Landfill) 660300				FY Capital Budget:	2024
Location:	1527 S. Mayhill	Category:	011 DISPOSAL / LANDFILL				Est. Completion Date:	2025
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years				Total Resources	Unfunded	
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Revenue	\$ 1,500,000	\$ 1,500,000	\$ 3,000,000	\$ 1,500,000	\$ 1,500,000	\$ 9,000,000	\$ 0	
Project Description / Justification						Project Map / Picture		
Construction of cells 5 & 6								


**SW-012 Cell 5 & 6 QA/QC**

CIP Budget #:	SW-012	Department:	Solid Waste				Managing Dept. (if any):	N/A
Type:	New	Division:	Disposal (Landfill) 660300				FY Capital Budget:	2024
Location:	1527 S. Mayhill	Category:	011 DISPOSAL / LANDFILL				Est. Completion Date:	2025
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years				Total Resources	Unfunded	
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Debt	\$ 0	\$ 0	\$ 450,000	\$ 0	\$ 0	\$ 450,000	\$ 0	
Project Description / Justification						Project Map / Picture		
Quality Assurance and Quality Control for Cell 5 & 6								

**SW-013 Fleet Shop at Solid Waste**

CIP Budget #:	SW-013	Department:	Solid Waste				Managing Dept. (if any):	Facilities
Type:	Existing	Division:	Site Operations 66800				FY Capital Budget:	2022
Location:	TBD	Category:	003 BUILDING CONSTRUCTION				Est. Completion Date:	2024
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years				Total Resources	Unfunded	
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Debt	\$ 10,500,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 10,500,000	\$ 0	
Project Description / Justification						Project Map / Picture		
Construction of a new solid waste fleet facility. Conceptual design, surveying, materials testing, and construction documents.								

**SW-015 Appliance Shredder**

CIP Budget #:	SW-015	Department:	Solid Waste				Managing Dept. (if any):	N/A
Type:	New	Division:	Site Operations 660800				FY Capital Budget:	2022
Location:	N/A	Category:	050 VEHICLES				Est. Completion Date:	2023
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years				Total Resources	Unfunded	
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Revenue	\$ 0	\$ 800,000	\$ 0	\$ 0	\$ 0	\$ 800,000	\$ 0	
Project Description / Justification						Project Map / Picture		
The addition of appliance shredder equipment will allow the City to break down appliances and electronics that are received by HCC. This project is a Fleet addition.								



**Preliminary Capital Improvement Program  
 Airport Summary  
 Cash Requirements  
 (In Thousands)**

**5-Year Summary - Project Category**

	2022-23	2023-24	2024-25	2025-26	2026-27	TOTAL
Airport Infrastructure	\$ 1,800	\$ -	\$ -	\$ -	\$ -	\$ 1,800
Vehicles & Equipment	420	-	-	-	-	420
<b>GRAND TOTAL</b>	<b>\$ 2,220</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 2,220</b>

**5-Year Summary - Funding Source**

	2022-23	2023-24	2024-25	2025-26	2026-27	TOTAL
Debt Funded Capital	\$ 2,220	\$ -	\$ -	\$ -	\$ -	\$ 2,220
<b>GRAND TOTAL</b>	<b>\$ 2,220</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 2,220</b>

Total Current Appropriated \$ 2,837

**FY 2022-23 Preliminary Total** \$ 5,057


## Capital Improvement Program

### Airport CIP Projects

Budget #		FY 22-23	FY 23-24	FY 24-25	FY 25-26	FY 26-27	TOTAL
	<b>AIRPORT INFRASTRUCTURE</b>						
AIR-004	Airport Pavement Reconstruction	\$ 1,800	\$ -	\$ -	\$ -	\$ -	\$ 1,800
	<b>TOTAL FUNDING</b>	<b>\$ 1,800</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 1,800</b>
	<b>VEHICLES &amp; EQUIPMENT</b>						
AIR-001	Snow Removal Equipment	\$ 300	\$ -	\$ -	\$ -	\$ -	\$ 300
AIR-002	Zero Turn Mower Replacements	60	-	-	-	-	60
AIR-003	4x4 Vehicle Replacement (AP1024)	60	-	-	-	-	60
	<b>TOTAL FUNDING</b>	<b>\$ 420</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 420</b>
	<b>GRAND TOTAL</b>	<b>\$ 2,220</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 2,220</b>



**AIR-004      Airport Pavement Reconstruction**

CIP Budget #:	AIR-004	Department:	Airport				Managing Dept. (if any):	N/A
Type:	New	Division:	Airport Operating 680001				FY Capital Budget:	2023
Location:	Airport	Category:	060 AIRPORT INFRASTRUCTURE				Est. Completion Date:	2024
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years					Total Resources	Unfunded
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Debt	\$ 1,800,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 1,800,000	\$ 0	
Project Description / Justification						Project Map / Picture		
10% grant match for runway, taxiway, vehicle, and other surface pavement reconstruction. FAA is providing 90% funding for the project.								



*Alice Alexander mural*

**Preliminary Capital Improvement Program  
Facilities Summary  
Cash Requirements  
(In Thousands)**

**5-Year Summary - Project Category**

	2022-23	2023-24	2024-25	2025-26	2026-27	TOTAL
Building Construction	\$ 13,100	\$ -	\$ -	\$ 500	\$ 15,000	\$ 28,600
Facility Equipment	5,933	5,259	5,400	5,388	5,190	27,170
<b>GRAND TOTAL</b>	<b>\$ 19,033</b>	<b>\$ 5,259</b>	<b>\$ 5,400</b>	<b>\$ 5,888</b>	<b>\$ 20,190</b>	<b>\$ 55,770</b>

**5-Year Summary - Funding Source**

	2022-23	2023-24	2024-25	2025-26	2026-27	TOTAL
Debt Funded Capital	\$ 18,512	\$ 5,259	\$ 5,400	\$ 5,888	\$ 20,190	55,249
Revenue Funded Capital *	521	-	-	-	-	521
<b>GRAND TOTAL</b>	<b>\$ 19,033</b>	<b>\$ 5,259</b>	<b>\$ 5,400</b>	<b>\$ 5,888</b>	<b>\$ 20,190</b>	<b>\$ 55,770</b>

Total Current Appropriated \$ 40,641

**FY 2022-23 Preliminary Total** \$ 59,674


\* Revenue funding provided by utility departments.

## Capital Improvement Program


### Facilities CIP Projects

Budget #		FY 22-23	FY 23-24	FY 24-25	FY 25-26	FY 26-27	TOTAL
	<b>BUILDING CONSTRUCTION</b>						
FAC-009	Fire Station No. 9: Airport	\$ 13,100	\$ -	\$ -	\$ -	\$ -	13,100
FAC-010	Fire Station: Legends Ranch	-	-	-	500	15,000	15,500
	<b>TOTAL FUNDING</b>	<b>\$ 13,100</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 500</b>	<b>\$ 15,000</b>	<b>\$ 28,600</b>
	<b>FACILITY EQUIPMENT &amp; IMPROVEMENTS</b>						
FAC-001	Generator Upgrades & Replacements	\$ 10	\$ 10	\$ 10	\$ 10	\$ -	41
FAC-002	Security Hardware Upgrade	180	180	80	80	-	520
FAC-003	Security Cameras Upgrade	500	-	-	-	-	500
FAC-004	Security System Software Upgrade - Solid Waste	70	-	-	-	-	70
FAC-005	Security System Software Upgrade - Water	88	-	-	-	-	88
FAC-006	Security System Software Upgrade - DME	338	-	-	-	-	338
FAC-007	Security System Software Upgrade - Airport	25	-	-	-	-	25
FAC-008	ADA Upgrades per 2021 Study	722	1,069	1,310	1,298	1,190	5,589
FAC-011	Capital Replacements	4,000	4,000	4,000	4,000	4,000	20,000
	<b>TOTAL FUNDING</b>	<b>\$ 5,933</b>	<b>\$ 5,259</b>	<b>\$ 5,400</b>	<b>\$ 5,388</b>	<b>\$ 5,190</b>	<b>\$ 27,170</b>
	<b>GRAND TOTAL</b>	<b>\$ 19,033</b>	<b>\$ 5,259</b>	<b>\$ 5,400</b>	<b>\$ 5,888</b>	<b>\$ 20,190</b>	<b>\$ 55,770</b>


**FAC-001 Generator Upgrades & Replacements**

CIP Budget #:	FAC-001	Department:	Facilities				Managing Dept. (if any):	Facilities
Type:	Existing	Division:	Maintenance 880200				FY Capital Budget:	2022
Location:	Various	Category:	059 FACILITIES EQUIPMENT				Est. Completion Date:	2026
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years					Total Resources	Unfunded
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Debt	\$ 10,150	\$ 10,150	\$ 10,150	\$ 10,150	\$ 0	\$ 40,600	\$ 0	
Project Description / Justification						Project Map / Picture		
Replace four existing generators and add additional new generators.								


**FAC-002 Security Hardware Upgrade**

CIP Budget #:	FAC-002	Department:	Facilities				Managing Dept. (if any):	Facilities
Type:	Existing	Division:	Administration 880100				FY Capital Budget:	2022
Location:	Various	Category:	059 FACILITIES EQUIPMENT				Est. Completion Date:	2026
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years					Total Resources	Unfunded
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Debt	\$ 180,000	\$ 180,000	\$ 80,000	\$ 80,000	\$ 0	\$ 520,000	\$ 0	
Project Description / Justification						Project Map / Picture		
Replace door mechanics on various doors for security purposes.								


**FAC-003 Security Cameras Upgrade**

CIP Budget #:	FAC-003	Department:	Facilities				Managing Dept. (if any):	Facilities
Type:	New	Division:	Administration 880100				FY Capital Budget:	2022
Location:	Various	Category:	059 FACILITIES EQUIPMENT				Est. Completion Date:	2023
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years					Total Resources	Unfunded
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Debt	\$ 500,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 500,000	\$	
Project Description / Justification						Project Map / Picture		
Replace and add new security cameras at facilities throughout the City.								


**FAC-004 Security System Software Upgrade - Solid Waste**

CIP Budget #:	FAC-004	Department:	Facilities				Managing Dept. (if any):	Facilities
Type:	Existing	Division:	Administration 880100				FY Capital Budget:	2022
Location:	Various	Category:	059 FACILITIES EQUIPMENT				Est. Completion Date:	2023
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years				Total Resources	Unfunded	
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Revenue	\$ 70,400	\$ 0	\$ 0	\$ 0	\$ 0	\$ 70,400	\$ 0	
Project Description / Justification						Project Map / Picture		
Consolidation of Services; Software upgrade (Panel & Reader upgrades as needed)								


**FAC-005 Security System Software Upgrade - Water**

CIP Budget #:	FAC-005	Department:	Facilities				Managing Dept. (if any):	Facilities
Type:	Existing	Division:	Administration 880100				FY Capital Budget:	2022
Location:	Various	Category:	059 FACILITIES EQUIPMENT				Est. Completion Date:	2023
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years				Total Resources	Unfunded	
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Revenue	\$ 88,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 88,000	\$ 0	
Project Description / Justification						Project Map / Picture		
Consolidation of Services; Software upgrade (Panel & Reader upgrades as needed)								


**FAC-006 Security System Software Upgrade - DME**

CIP Budget #:	FAC-006	Department:	Facilities				Managing Dept. (if any):	Facilities
Type:	Existing	Division:	Administration 880100				FY Capital Budget:	2022
Location:	Various	Category:	059 FACILITIES EQUIPMENT				Est. Completion Date:	2023
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years				Total Resources	Unfunded	
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Revenue	\$ 337,600	\$ 0	\$ 0	\$ 0	\$ 0	\$ 337,600	\$ 0	
Project Description / Justification						Project Map / Picture		
Consolidation of Services; Software upgrade (Panel & Reader upgrades as needed)								


**FAC-007 Security System Software Upgrade - Airport**

CIP Budget #:	FAC-007	Department:	Facilities				Managing Dept. (if any):	Facilities
Type:	Existing	Division:	Administration 880100				FY Capital Budget:	2022
Location:	Various	Category:	059 FACILITIES EQUIPMENT				Est. Completion Date:	2023
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years				Total Resources	Unfunded	
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Revenue	\$ 25,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 25,000	\$ 0	
Project Description / Justification						Project Map / Picture		
Consolidation of Services; Software upgrade (Panel & Reader upgrades as needed)								


**FAC-008 ADA Upgrades per 2021 Study**

CIP Budget #:	FAC-008	Department:	Facilities				Managing Dept. (if any):	Facilities
Type:	Existing	Division:	Administration 880100				FY Capital Budget:	2022
Location:	Various	Category:	059 FACILITIES EQUIPMENT				Est. Completion Date:	2026+
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years				Total Resources	Unfunded	
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Debt	\$ 722,100	\$ 1,068,600	\$ 1,309,700	\$ 1,298,200	\$ 1,190,000	\$ 5,588,600	\$ 0	
Project Description / Justification						Project Map / Picture		
ADA upgrades at facilities throughout the City.								


**FAC-009 Fire Station No. 9: Airport**

CIP Budget #:	FAC-009	Department:	Facilities				Managing Dept. (if any):	Facilities
Type:	Existing	Division:	Administration 880100				FY Capital Budget:	2022
Location:	Airport	Category:	003 BUILDING CONSTRUCTION				Est. Completion Date:	2023
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years				Total Resources	Unfunded	
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Debt	\$ 13,100,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 13,100,000	\$ 0	
Project Description / Justification						Project Map / Picture		
Construction of Fire Station # 9 located at the Denton Municipal Airport.								

**FAC-010 Fire Station: Legends Ranch**

CIP Budget #:	FAC-010	Department:	Facilities				Managing Dept. (if any):	Facilities
Type:	New	Division:	Administration 880100				FY Capital Budget:	2022
Location:	NE Denton	Category:	003 BUILDING CONSTRUCTION				Est. Completion Date:	2024
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years					Total Resources	Unfunded
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Debt	\$ 0	\$ 0	\$ 0	\$ 500,000	\$ 15,000,000	\$ 15,500,000	\$ 0	
Project Description / Justification						Project Map / Picture		
Conceptual design, surveying, materials testing, and construction documents for a fire station located in NE Denton.								

**FAC-011 Capital Replacements**

CIP Budget #:	FAC-011	Department:	Facilities				Managing Dept. (if any):	Facilities
Type:	Existing	Division:	Maintenance 880200				FY Capital Budget:	0
Location:	Various	Category:	059 FACILITIES EQUIPMENT				Est. Completion Date:	N/A
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years					Total Resources	Unfunded
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Debt	\$ 4,000,000	\$ 4,000,000	\$ 4,000,000	\$ 4,000,000	\$ 4,000,000	\$ 20,000,000	\$ 0	
Project Description / Justification						Project Map / Picture		
Facility capital replacements for HVAC, flooring, roof replacements and improvements at various City facilities.								





**Preliminary Capital Improvement Program  
Fleet & Motorpool Summary  
Cash Requirements  
(In Thousands)**

**5-Year Summary - Project Category**

	2022-23	2023-24	2024-25	2025-26	2026-27	TOTAL
Structural	\$ 300	\$ 650	\$ -	\$ -	\$ -	\$ 950
Technology - Software/Hardware	1,000	-	-	-	-	1,000
Vehicle Replacements (Fleet & Motorpool)	3,726	4,956	4,396	5,564	3,342	21,984
Vehicle Additions (Fleet & Motorpool)	2,455	2,500	-	-	-	4,955
<b>GRAND TOTAL</b>	<b>\$ 7,481</b>	<b>\$ 8,106</b>	<b>\$ 4,396</b>	<b>\$ 5,564</b>	<b>\$ 3,342</b>	<b>\$ 28,889</b>

**5-Year Summary - Funding Source**

	2022-23	2023-24	2024-25	2025-26	2026-27	TOTAL
Debt Funded Capital	\$ 7,481	\$ 8,106	\$ 4,396	\$ 5,564	\$ 3,342	\$ 28,889
<b>GRAND TOTAL</b>	<b>\$ 7,481</b>	<b>\$ 8,106</b>	<b>\$ 4,396</b>	<b>\$ 5,564</b>	<b>\$ 3,342</b>	<b>\$ 28,889</b>

Total Current Appropriated \$ 14,834 (Includes Motorpool)


**FY 2022-23 Preliminary Total** \$ 22,315

## Capital Improvement Program


### Fleet & Motorpool CIP Projects

Budget #		FY 22-23	FY 23-24	FY 24-25	FY 25-26	FY 26-27	TOTAL
	<b>STRUCTURAL</b>						
FLT-001	Fueling Infrastructure Upgrade	\$ 300	\$ -	\$ -	\$ -	\$ -	300
FLT-005	Fuel Control Hardware / Software Upgrade	-	650	-	-	-	650
	<b>TOTAL FUNDING</b>	<b>\$ 300</b>	<b>\$ 650</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>950</b>
	<b>TECHNOLOGY - SOFTWARE/HARDWARE</b>						
FLT-002	Fleet Management Software	\$ 1,000	\$ -	\$ -	\$ -	\$ -	1,000
	<b>TOTAL FUNDING</b>	<b>\$ 1,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>1,000</b>
	<b>MOTORPOOL VEHICLE REPLACEMENTS</b>						
FLT-020	Vehicle Replacement - General Fund	\$ 3,726	\$ 4,956	\$ 4,396	\$ 5,564	\$ 3,342	21,984
FLT-021	Vehicle Additions - General Fund	\$ 2,455	\$ 2,500	\$ -	\$ -	\$ -	4,955
	<b>TOTAL FUNDING</b>	<b>\$ 6,181</b>	<b>\$ 7,456</b>	<b>\$ 4,396</b>	<b>\$ 5,564</b>	<b>\$ 3,342</b>	<b>\$ 26,939</b>
	<b>GRAND TOTAL - FLEET</b>	<b>\$ 1,300</b>	<b>\$ 650</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>1,950</b>
	<b>GRAND TOTAL - MOTORPOOL VEHICLES</b>	<b>\$ 6,181</b>	<b>\$ 7,456</b>	<b>\$ 4,396</b>	<b>\$ 5,564</b>	<b>\$ 3,342</b>	<b>\$ 26,939</b>


**FLT-001 Fueling Infrastructure Upgrade**

CIP Budget #:	FLT-001	Department:	Fleet				Managing Dept. (if any):	N/A
Type:	Existing	Division:	Vehicle Maintenance 820100				FY Capital Budget:	2022
Location:	804 Texas St.	Category:	041 STRUCTURAL				Est. Completion Date:	2023
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years				Total Resources	Unfunded	
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Debt	\$ 300,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 300,000	\$ 0	
Project Description / Justification						Project Map / Picture		
Fueling Infrastructure - replace dispensers, hoses, retractors and nozzles.								


**FLT-002 Fleet Management Software**

CIP Budget #:	FLT-002	Department:	Fleet				Managing Dept. (if any):	N/A
Type:	Existing	Division:	Vehicle Maintenance 820100				FY Capital Budget:	2022
Location:	804 Texas St.	Category:	058 TECHNOLOGY - SOFTWARE/HARDWARE				Est. Completion Date:	2023
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years				Total Resources	Unfunded	
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Debt	\$ 1,000,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 1,000,000	\$ 0	
Project Description / Justification						Project Map / Picture		
Asset Management software (currently FASTER)								


**FLT-005 Fuel Control Hardware / Software Upgrade**

CIP Budget #:	FLT-005	Department:	Fleet				Managing Dept. (if any):	N/A
Type:	New	Division:	Vehicle Maintenance 820100				FY Capital Budget:	2023
Location:	804 Texas St.	Category:	041 STRUCTURAL				Est. Completion Date:	2024
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years				Total Resources	Unfunded	
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Debt	\$ 0	\$ 650,000	\$ 0	\$ 0	\$ 0	\$ 650,000	\$ 0	
Project Description / Justification						Project Map / Picture		
Fuel Control - replacement fuel terminals, vehicle/dispenser hardware, and software								

**FLT-020 Vehicle Replacement - General Fund**

CIP Budget #:	FLT-020	Department:	Fleet				Managing Dept. (if any):	N/A
Type:	Existing	Division:	Multiple - Citywide				FY Capital Budget:	2022
Location:	N/A	Category:	050 VEHICLES				Est. Completion Date:	2023
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years					Total Resources	Unfunded
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Debt	\$ 3,726,000	\$ 4,956,000	\$ 4,396,000	\$ 5,564,000	\$ 3,342,000	\$ 21,984,000	\$ 0	
Project Description / Justification							Project Map / Picture	
Department vehicle replacements								

**FLT-021 Vehicle Additions - General Fund**

CIP Budget #:	FLT-021	Department:	Fleet				Managing Dept. (if any):	N/A
Type:	Existing	Division:	Multiple - Citywide				FY Capital Budget:	2022
Location:	N/A	Category:	ADDITIONS				Est. Completion Date:	2023
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years					Total Resources	Unfunded
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Debt	\$ 2,455,000	\$ 2,500,000	\$ 0	\$ 0	\$ 0	\$ 4,955,000	\$ 0	
Project Description / Justification							Project Map / Picture	
Department vehicle additions (subject to supplemental request approval).								



*Wave Pool at Denton Water Works Park*



## Capital Improvement Program

### Parks CIP Projects

Budget #		FY 22-23	FY 23-24	FY 24-25	FY 25-26	FY 26-27	TOTAL
<b>ARTS &amp; CULTURE</b>							
PARK-141	Public Art-Bonnie Brae/Vintage	\$ 75	\$ -	\$ -	\$ -	\$ -	75
PARK-144	Public Art-Downtown Utility Boxes (30+/-)	25	50	-	-	-	75
PARK-146	Public Art-Historic National Humane Alliance Fountain	15	-	-	-	-	15
PARK-148	Public Art-Sycamore Drive Mural	5	-	-	-	-	5
PARK-143	Public Art-Development Services	-	77	-	-	-	77
PARK-151	Public Art-ODD Monuments	-	-	50	50	50	150
PARK-142	Public Art-Denia Park	-	-	80	-	-	80
PARK-150	Public Art-Wiggly Field	-	-	-	82	-	82
PARK-145	Public Art-Fred Moore Park	-	-	-	-	84	84
<b>TOTAL FUNDING</b>		<b>\$ 120</b>	<b>\$ 127</b>	<b>\$ 130</b>	<b>\$ 132</b>	<b>\$ 134</b>	<b>\$ 643</b>
<b>CEMETERY</b>							
PARK-028	Cemetery Capital Maintenance and Improvements	\$ 25	\$ 25	\$ 25	\$ 25	\$ 25	125
<b>TOTAL FUNDING</b>		<b>\$ 25</b>	<b>\$ 25</b>	<b>\$ 25</b>	<b>\$ 25</b>	<b>\$ 25</b>	<b>125</b>
<b>AQUATICS</b>							
Multiple	Civic Center Pool	\$ 55	\$ 51	\$ 8	\$ 249	\$ 14	376
Multiple	Natorium Pool	43	243	56	32	21	395
Multiple	Water Park	380	92	123	224	75	894
<b>TOTAL FUNDING</b>		<b>\$ 477</b>	<b>\$ 386</b>	<b>\$ 187</b>	<b>\$ 505</b>	<b>\$ 110</b>	<b>1,665</b>
<b>PLAYGROUNDS</b>							
PARK-164	Sequoia Park Playground (New)	\$ 209	\$ -	\$ -	\$ -	\$ -	209
PARK-068	Inclusive Playground Design	200	-	-	-	-	200
PARK-132	Parkside Property Playground	280	-	-	-	-	280
PARK-072	Joe Skiles Park Playground	-	45	-	-	-	45
PARK-007	Avondale Park Playground	-	-	345	-	-	345
PARK-013	Briercliff Park Playground	-	-	180	-	-	180
PARK-126	North Point Park Playground	-	-	95	-	-	95
PARK-006	Audra Property Playground	-	-	-	250	-	250
PARK-073	Lake Forest Park Playground	-	-	-	279	-	279
PARK-170	Township II Playground (New)	-	-	-	235	-	235
<b>TOTAL FUNDING</b>		<b>\$ 689</b>	<b>\$ 45</b>	<b>\$ 620</b>	<b>\$ 764</b>	<b>\$ -</b>	<b>2,118</b>
<b>RECREATION CENTERS</b>							
Multiple	Capital Maintenance & Improvements	\$ 266	\$ 84	\$ 44	\$ 80	\$ 144	617
<b>TOTAL FUNDING</b>		<b>\$ 266</b>	<b>\$ 84</b>	<b>\$ 44</b>	<b>\$ 80</b>	<b>\$ 144</b>	<b>617</b>
<b>TREES &amp; BEAUTIFICATION</b>							
PARK-084	Median Beautification-Mayhill Road	\$ 300	\$ -	\$ -	\$ -	\$ -	300
PARK-083	Median Beautification-Hickory Creek (Phase 2 Construction)	-	312	-	-	-	312
PARK-172	Tree Planting Design and Planting (Various Areas to be plotted)	-	-	327	-	350	677
PARK-085	Median Beautification-Shady Oaks	-	-	-	337	-	337
<b>TOTAL FUNDING</b>		<b>\$ 300</b>	<b>\$ 312</b>	<b>\$ 327</b>	<b>\$ 337</b>	<b>\$ 350</b>	<b>1,626</b>
<b>PARK DEVELOPMENT &amp; ACQUISITION</b>							
PARK-082	McKenna Park Outdoor Fitness Equipment	\$ 200	\$ -	\$ -	\$ -	\$ 45	245
PARK-178	Woodrow Property Acquisition	10	-	-	-	-	10
PARK-176	Villages of Carmel Park Development (City Match)	622	-	-	-	-	622
PARK-011	Bowling Green Park Improvements Phase 1 and 2 (915/916 Match)	550	-	-	-	-	550
PARK-005	Audra Property Design	80	-	-	-	-	80
PARK-046	Eagle Creek Property Development	-	250	-	-	-	250
PARK-004	Audra Park Development	-	-	-	1,050	-	1,050
<b>TOTAL FUNDING</b>		<b>\$ 1,462</b>	<b>\$ 250</b>	<b>\$ -</b>	<b>\$ 1,050</b>	<b>\$ 45</b>	<b>2,807</b>




## Capital Improvement Program


### Parks CIP Projects

Budget #		FY 22-23	FY 23-24	FY 24-25	FY 25-26	FY 26-27	TOTAL
<b>TRAIL DEVELOPMENT &amp; IMPROVEMENTS</b>							
PARK-229	Trail Concrete Panel Replacement	\$ 50	\$ 50	\$ 50	\$ 60	\$ 60	\$ 270
PARK-059	Trail Soft Improvements	24	16	54	17	50	161
PARK-042	Denia Park Trail Design and Expansion	-	250	-	-	-	250
PARK-135	Pecan Creek Trail Development - Phase 1	-	2,500	-	-	-	2,500
PARK-137	Pecan Creek Trail Master Plan and CD's Phase 2	-	-	140	-	-	140
PARK-128	Northeast Denton Trail Easement and Property Acquisition	-	-	-	50	50	100
PARK-127	Northeast Denton Trail Design and Development	-	-	-	-	75	75
PARK-136	Pecan Creek Trail Development - Phase 2	-	-	-	-	2,500	2,500
PARK-138	Pecan Creek Trail Master Plan and CD's Phase 3	-	-	-	-	-	-
<b>TOTAL FUNDING</b>		<b>\$ 74</b>	<b>\$ 2,816</b>	<b>\$ 244</b>	<b>\$ 127</b>	<b>\$ 2,735</b>	<b>\$ 5,996</b>
<b>PARK IMPROVEMENTS</b>							
PARK-001	ADA Transition Plan Improvements (Parks only)	\$ 300	\$ 309	\$ 318	\$ 328	\$ 338	\$ 1,593
PARK-058	General Park Irrigation System Replacements	100	106	-	113	100	419
PARK-133	Pavilion Replacements	55	56	55	-	50	216
PARK-140	Pond Fountains and Aerators	11	11	12	12	-	46
PARK-157	Resurface Restroom Floors	15	-	15	17	18	65
PARK-131	Park Signage Replacement	-	36	37	38	39	151
PARK-023	CCP Pump room enclosure and metal roof	-	150	-	-	-	150
PARK-041	Denia Park Soccer Field Lighting	-	250	-	-	-	250
PARK-048	Evers Park Field Redevelopment (Irr, Grading, Fencing, Turf, Infield)	-	185	190	195	200	770
PARK-076	Landscaping Enhancements	-	53	55	57	60	225
PARK-123	North Lakes Park Soccer Fence	-	50	-	50	-	100
PARK-171	Trash Can Replacements	-	50	-	55	-	105
PARK-047	East Lake Park Master Plan	-	-	800	-	-	800
PARK-049	Facility Sound System Replacement	-	-	30	63	33	126
PARK-075	Landscape Concrete Edging	-	-	80	-	20	100
PARK-052	Fred Moore Park Scoreboard	-	-	-	-	25	25
PARK-169	Sprayground - Carl Young Park Sprayground Addition	-	-	600	-	-	600
PARK-129	PARD Master Plan	-	-	-	-	75	75
PARK-116	North Lakes Park Disc Golf - Lakeside Improvements	20	-	25	-	-	45
PARK-115	North Lakes Park Disc Golf - Creekside Improvements	-	20	-	25	-	45
PARK-117	North Lakes Park Dog Park (Pavilion)	-	25	-	25	-	50
PARK-122	North Lakes Park Remote Controlled Field Design and Improvements	-	20	200	-	-	220
PARK-118	North Lakes Park Driving Range Putting Green Replacement	-	-	69	-	-	69
PARK-121	North Lakes Park Outdoor Fitness Equipment	-	-	-	285	-	285
PARK-119	North Lakes Park Football Field Redevelopment (Irr, Grading, Fencing, Turf, I	-	-	-	195	-	195
PARK-008	Basketball Goal Replacement	-	-	-	-	20	20
<b>TOTAL FUNDING</b>		<b>\$ 501</b>	<b>\$ 1,321</b>	<b>\$ 2,486</b>	<b>\$ 1,458</b>	<b>\$ 978</b>	<b>\$ 6,743</b>
<b>GRANT PROJECTS</b>							
PARK-060	Green Ribbon Project / Fort Worth Drive Phase 1-Const	\$ 400	\$ -	\$ -	\$ -	\$ -	\$ 400
PARK-010	Bowling Green Park Improvements Phase 1 and 2 (Grant Match)	550	-	-	-	-	550
PARK-078	Launch Access (LFP)	115	-	-	-	-	115
PARK-079	Launch Access (NLP)	115	-	-	-	-	115
PARK-080	Launch Access (SLP)	20	-	-	-	-	20
PARK-067	Hills of Denton Trail TPWD Grant	-	8	-	8	-	16
PARK-154	Quakertown Park Play Music	20	-	-	-	-	20
PARK-175	Villages of Carmel Park Development (Grant)	622	-	-	-	-	622
PARK-066	Hills of Denton Trail Design and Development	-	-	100	-	-	100
PARK-062	Green Ribbon Project / I-35E/W/N Design Phase 2	-	-	-	75	-	75
PARK-014	Burch Property Design and Development	-	-	-	-	100	100
PARK-061	Green Ribbon Project / I-35E/W/N Construction Phase 2	-	-	-	-	1,000	1,000
PARK-063	Green Ribbon Project / I-35E/W/N Design Phase 3	-	-	-	-	78	78
<b>TOTAL FUNDING</b>		<b>\$ 1,842</b>	<b>\$ 8</b>	<b>\$ 100</b>	<b>\$ 83</b>	<b>\$ 1,178</b>	<b>\$ 3,210</b>
<b>GRAND TOTAL</b>		<b>\$ 5,755</b>	<b>\$ 5,373</b>	<b>\$ 4,162</b>	<b>\$ 4,561</b>	<b>\$ 5,698</b>	<b>\$ 25,550</b>


**PARK-001 ADA Transition Plan Improvements (Parks Only)**

CIP Budget #:	PARK-001	Department:	Parks - General				Managing Dept. (if any):	Parks
Type:	New	Division:	Parks - Administration 400001				FY Capital Budget:	2022
Location:	Various	Category:	031 PARKS - DEVELOPMENT				Est. Completion Date:	2026+
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years					Total Resources	Unfunded
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Debt	\$ 300,000	\$ 309,000	\$ 318,270	\$ 327,818	\$ 337,653	\$ 1,592,741	\$ 0	
Project Description / Justification							Project Map / Picture	
Based on City Council's desired to complete park accessibility improvements in 15 years, a budget of \$300,000 per year has been requested starting in 2022								


**PARK-004 Audra Park Development**

CIP Budget #:	PARK-004	Department:	Parks - Development				Managing Dept. (if any):	Parks
Type:	Existing	Division:	Parks - Administration 400001				FY Capital Budget:	2025
Location:	Audra Property	Category:	031 PARKS - DEVELOPMENT				Est. Completion Date:	2025
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years					Total Resources	Unfunded
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Debt	\$ -	\$ -	\$ -	\$ 1,050,000	\$ -	\$ 1,050,000	\$ 0	
Project Description / Justification							Project Map / Picture	
Construction of a new Neighborhood Park. This area of Denton was deficient in the 10-Minute Walk initiative and is in need of dedicated park space. Land was acquired at no cost to the City. After design is complete, anticipate applying for a TPWD grant to support construction efforts.								


**PARK-005 Audra Property Design**

CIP Budget #:	PARK-005	Department:	Parks - Development				Managing Dept. (if any):	Parks
Type:	New	Division:	Parks - Administration 400001				FY Capital Budget:	2023
Location:	Audra Property	Category:	062 PARKS-IMPROVEMENT				Est. Completion Date:	2023
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years					Total Resources	Unfunded
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
915/916	\$ 80,000	\$ -	\$ -	\$ -	\$ -	\$ 80,000	\$ 0	
Project Description / Justification							Project Map / Picture	
Design and development of new park.								


**PARK-006 Audra Property Playground**

CIP Budget #:	PARK-006	Department:	Parks - Playground				Managing Dept. (if any):	Parks
Type:	New	Division:	Parks - Maintenance 402001				FY Capital Budget:	2025
Location:	Audra Property	Category:	062 PARKS-IMPROVEMENT				Est. Completion Date:	2025
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years					Total Resources	Unfunded
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Debt	\$ -	\$ -	\$ -	\$ 250,000	\$ -	\$ 250,000	\$ 0	
Project Description / Justification							Project Map / Picture	
<p>As part of the Playground Replacement Plan, this new park will receive its first playground. Additional funding is identified in the park development line item in addition to the proposed playground costs. Replacement of the playground will be planned for every 15 years.</p>								


**PARK-007 Avondale Park Playground**

CIP Budget #:	PARK-007	Department:	Parks - Playground				Managing Dept. (if any):	Parks
Type:	Existing	Division:	Parks - Maintenance 402001				FY Capital Budget:	2024
Location:	Avondale Park	Category:	062 PARKS-IMPROVEMENT				Est. Completion Date:	2024
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years					Total Resources	Unfunded
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Debt	\$ -	\$ -	\$ 345,000	\$ -	\$ -	\$ 345,000	\$ 0	
Project Description / Justification							Project Map / Picture	
<p>As part of the Playground Replacement Plan, this park will receive a replacement playground. Replacement of the playground will be planned for every 15 years.</p>								


**PARK-008 Basketball Goal Replacement**

CIP Budget #:	PARK-008	Department:	Parks - General				Managing Dept. (if any):	Facilities
Type:	Existing	Division:	Parks - Maintenance 402001				FY Capital Budget:	2026
Location:	Citywide	Category:	062 PARKS-IMPROVEMENT				Est. Completion Date:	2026+
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years					Total Resources	Unfunded
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Parks CMP	\$ -	\$ -	\$ -	\$ -	\$ 20,000	\$ 20,000	\$ 0	
Project Description / Justification							Project Map / Picture	
<p>Replace backboards and suspension systems at each rec center as identified in Chapter 5 of the Master Plan. Backboard at all location are discolored and rusted, padding needs replaced around goals at Denia and North Lakes. North Lakes suspension system is currently inoperable, the Denia and MLK systems work but we need to plan for replacement. Because our gyms are used for multiple activities and sports, we need to be able to raise and lower the goals based on the age of users and type of activity being hosted. All systems are original to when they were first installed in each facility over 20 years ago.</p>								


**PARK-010 Bowling Green Park Improvements Phase 1 and 2 (Grant Match)**

CIP Budget #:	PARK-010	Department:	Parks - Grants				Managing Dept. (if any):	Parks
Type:	Existing	Division:	Parks - Maintenance 402001				FY Capital Budget:	2022
Location:	Bowling Green	Category:	031 PARKS - DEVELOPMENT				Est. Completion Date:	2022
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years				Total Resources	Unfunded	
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Grants	\$ 550,000	\$ -	\$ -	\$ -	\$ -	\$ 550,000	\$ 0	
Project Description / Justification						Project Map / Picture		
Installation of new accessible gardens, pavilion and landscaping per the park master plan. This phase could be complete with Phase 1 or 2 pending funding and grants.								


**PARK-011 Bowling Green Park Improvements Phase 1 and 2 (915/916 Match)**

CIP Budget #:	PARK-011	Department:	Parks - Development				Managing Dept. (if any):	Parks
Type:	Existing	Division:	Parks - Maintenance 402001				FY Capital Budget:	2024
Location:	Bowling Green	Category:	031 PARKS - DEVELOPMENT				Est. Completion Date:	2024
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years				Total Resources	Unfunded	
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
915/916	\$ 550,000	\$ -	\$ -	\$ -	\$ -	\$ 550,000	\$ 0	
Project Description / Justification						Project Map / Picture		
Installation of new accessible gardens, pavilion and landscaping per the park master plan. This phase could be complete with Phase 1 or 2 pending funding and grants.								


**PARK-013 Briercliff Park Playground**

CIP Budget #:	PARK-013	Department:	Parks - Playground				Managing Dept. (if any):	Parks
Type:	Existing	Division:	Parks - Maintenance 402001				FY Capital Budget:	2024
Location:	Briercliff Park	Category:	062 PARKS-IMPROVEMENT				Est. Completion Date:	2024
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years				Total Resources	Unfunded	
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Debt	\$ -	\$ -	\$ 180,000	\$ -	\$ -	\$ 180,000	\$ 0	
Project Description / Justification						Project Map / Picture		
As part of the Playground Replacement Plan, this park will receive a replacement playground. Replacement of the playground will be planned for every 15 years.								


**PARK-014 Burch Property Design and Development**

CIP Budget #:	PARK-014	Department:	Parks - Grants				Managing Dept. (if any):	Parks
Type:	Existing	Division:	Parks - Administration 400001				FY Capital Budget:	2026
Location:	Burch Property	Category:	049 NEW WATER RECLAMATION PLANT				Est. Completion Date:	2026+
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years					Total Resources	Unfunded
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Grants	\$ -	\$ -	\$ -	\$ -	\$ 100,000	\$ 100,000	\$ 0	
Project Description / Justification							Project Map / Picture	
<p>Waste Water to purchase land for future infrastructure improvement. The plan entails the utilization of the upland property for treatment plant operations. PARD will maintain and utilize the flood plain property (300+/- acres) for open and trails. This parcel is critical in the assembly of land for the future Hickory Creek Trail. This master plan will gather community input and result in the development of a concept plan and construction drawings to prepare for a future grant application.</p>								


**PARK-023 CCP Pump room enclosure and metal roof**

CIP Budget #:	PARK-023	Department:	Parks - General				Managing Dept. (if any):	Parks
Type:	New	Division:	Parks - Maintenance 402001				FY Capital Budget:	2023
Location:	Civic Center Pool	Category:	062 PARKS-IMPROVEMENT				Est. Completion Date:	2023
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years					Total Resources	Unfunded
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Debt	\$ -	\$ 150,000	\$ -	\$ -	\$ -	\$ 150,000	\$ 0	
Project Description / Justification							Project Map / Picture	
<p>To remove the wooden fence and shade structure and install brick walls and metal roof to match existing structures</p>								


**PARK-028 Cemetery Capital Maintenance and Improvements**

CIP Budget #:	PARK-028	Department:	Parks - Cemetery				Managing Dept. (if any):	Parks
Type:	Existing	Division:	Parks - Maintenance 402001				FY Capital Budget:	2022
Location:	Cemetery	Category:	062 PARKS-IMPROVEMENT				Est. Completion Date:	2026+
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years					Total Resources	Unfunded
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Parks CMP	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 125,000	\$ 0	
Project Description / Justification							Project Map / Picture	
<p>Ongoing improvements (headstones, roads, crips)</p>								


**PARK-032 Civic Center Improvements**

CIP Budget #:	PARK-032	Department:	Parks - Rec Centers				Managing Dept. (if any):	Facilities
Type:	Existing	Division:	Rec LS Civic Center 411130				FY Capital Budget:	2023
Location:	Civic Center	Category:	062 PARKS-IMPROVEMENT				Est. Completion Date:	2025
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years					Total Resources	Unfunded
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Parks CMP	\$ -	\$ 20,000	\$ -	\$ 14,700	\$ -	\$ 34,700	\$ 0	
Project Description / Justification						Project Map / Picture		
Kitchen floor, coffeemaker, lighting								


**PARK-041 Denia Park Soccer Field Lighting**

CIP Budget #:	PARK-041	Department:	Parks - General				Managing Dept. (if any):	Parks
Type:	Existing	Division:	Parks - Maintenance 402001				FY Capital Budget:	2023
Location:	Denia Rec Center	Category:	062 PARKS-IMPROVEMENT				Est. Completion Date:	2023
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years					Total Resources	Unfunded
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
CDBG	\$ -	\$ 250,000	\$ -	\$ -	\$ -	\$ 250,000	\$ 0	
Project Description / Justification						Project Map / Picture		
New lighting on the soccer field in Denia Park								


**PARK-042 Denia Park Trail Design and Expansion**

CIP Budget #:	PARK-042	Department:	Parks - Trails				Managing Dept. (if any):	Parks
Type:	Existing	Division:	Parks - Maintenance 402001				FY Capital Budget:	2022
Location:	Denia Rec Center	Category:	062 PARKS-IMPROVEMENT				Est. Completion Date:	2022
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years					Total Resources	Unfunded
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
CDBG	\$ -	\$ 250,000	\$ -	\$ -	\$ -	\$ 250,000	\$ 0	
Project Description / Justification						Project Map / Picture		
Expand trails to complete loop and connect to future neighborhood								


**PARK-046 Eagle Creek Property Development**

CIP Budget #:	PARK-046	Department:	Parks - Development				Managing Dept. (if any):	Parks
Type:	New	Division:	Parks - Maintenance 402001				FY Capital Budget:	2023
Location:	Eagle Creek	Category:	031 PARKS - DEVELOPMENT				Est. Completion Date:	2023
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years				Total Resources	Unfunded	
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
915/916	\$ -	\$ 250,000	\$ -	\$ -	\$ -	\$ 250,000	\$ 0	
Project Description / Justification						Project Map / Picture		
Trail development with the cooperation of the neighborhood developer.								


**PARK-047 East Lake Park Master Plan**

CIP Budget #:	PARK-047	Department:	Parks - General				Managing Dept. (if any):	Parks
Type:	New	Division:	Parks - Maintenance 402001				FY Capital Budget:	2024
Location:	East Lake Park	Category:	062 PARKS-IMPROVEMENT				Est. Completion Date:	2024
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years				Total Resources	Unfunded	
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Debt	\$ -	\$ -	\$ 800,000	\$ -	\$ -	\$ 800,000	\$ 0	
Project Description / Justification						Project Map / Picture		
CD's for park development								


**PARK-048 Evers Park Field Redevelopment (Irr, Grading, Fencing, Turf, Infield)**

CIP Budget #:	PARK-048	Department:	Parks - General				Managing Dept. (if any):	Parks
Type:	Existing	Division:	Parks - Maintenance 402001				FY Capital Budget:	2023
Location:	Evers Park	Category:	062 PARKS-IMPROVEMENT				Est. Completion Date:	2026+
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years				Total Resources	Unfunded	
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Debt	\$ -	\$ 185,000	\$ 190,000	\$ 195,000	\$ 200,000	\$ 770,000	\$ 0	
Project Description / Justification						Project Map / Picture		
Redevelop fields with new infrastructure								


**PARK-049 Facility Sound System Replacement**

CIP Budget #:	PARK-049	Department:	Parks - General				Managing Dept. (if any):	Tech Services
Type:	Existing	Division:	Rec LS Recreation Admin 411001				FY Capital Budget:	2024
Location:	MLK Rec Center	Category:	062 PARKS-IMPROVEMENT				Est. Completion Date:	2026+
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years					Total Resources	Unfunded
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Parks CMP	\$ -	\$ -	\$ 30,000	\$ 63,000	\$ 33,000	\$ 126,000	\$ 0	
Project Description / Justification						Project Map / Picture		
Sound system replacement								

**PARK-052 Fred Moore Park Scoreboard**


CIP Budget #:	PARK-052	Department:	Parks - General				Managing Dept. (if any):	Parks
Type:	Existing	Division:	Parks - Maintenance 402001				FY Capital Budget:	2026
Location:	Fred Moore Park	Category:	062 PARKS-IMPROVEMENT				Est. Completion Date:	2026+
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years					Total Resources	Unfunded
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
CDBG	\$ -	\$ -	\$ -	\$ -	\$ 25,000	\$ 25,000	\$ 0	
Project Description / Justification						Project Map / Picture		
Replace scoreboard that was in place years ago								

**PARK-058 General Park Irrigation System Replacements**


CIP Budget #:	PARK-058	Department:	Parks - General				Managing Dept. (if any):	Parks
Type:	Existing	Division:	Parks - Maintenance 402001				FY Capital Budget:	2022
Location:	Various	Category:	062 PARKS-IMPROVEMENT				Est. Completion Date:	2026+
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years					Total Resources	Unfunded
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Parks CMP	\$ 100,000	\$ 106,090	\$ -	\$ 112,551	\$ 100,000	\$ 418,641	\$ 0	
Project Description / Justification						Project Map / Picture		
Replace old irrigation infrastructure								




**PARK-059 Trail Soft Improvements**

CIP Budget #:	PARK-059	Department:	Parks - Trails				Managing Dept. (if any):	Parks
Type:	Existing	Division:	Parks - Maintenance 402001				FY Capital Budget:	2023
Location:	Various	Category:	062 PARKS-IMPROVEMENT				Est. Completion Date:	2026
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years					Total Resources	Unfunded
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Parks CMP	\$ 24,000	\$ 16,000	\$ 54,000	\$ 17,000	\$ 50,000	\$ 137,000	\$ 0	
Project Description / Justification						Project Map / Picture		
Gravel enhancements on soft surface trails as needed to improve the trail system.								


**PARK-060 Green Ribbon Project / Fort Worth Drive Phase 1-Const**

CIP Budget #:	PARK-060	Department:	Parks - Grants				Managing Dept. (if any):	Parks
Type:	New	Division:	Parks - Maintenance 402001				FY Capital Budget:	2022
Location:	FW Drive	Category:	031 PARKS - DEVELOPMENT				Est. Completion Date:	2022
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years					Total Resources	Unfunded
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Grants	\$ 400,000	\$ -	\$ -	\$ -	\$ -	\$ 400,000	\$ 0	
Project Description / Justification						Project Map / Picture		
TXDOT Fort Worth Drive median improvements								


**PARK-061 Green Ribbon Project / I-35E/W/N Construction Phase 2**

CIP Budget #:	PARK-061	Department:	Parks - Grants				Managing Dept. (if any):	Parks
Type:	New	Division:	Parks - Maintenance 402001				FY Capital Budget:	2026
Location:	I-35 Corridor	Category:	031 PARKS - DEVELOPMENT				Est. Completion Date:	2026+
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years					Total Resources	Unfunded
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
TXDOT	\$ -	\$ -	\$ -	\$ -	\$ 1,000,000	\$ 1,000,000	\$ 0	
Project Description / Justification						Project Map / Picture		
TXDOT I-35 landscape improvements								


**PARK-062 Green Ribbon Project / I-35E/W/N Design Phase 2**

CIP Budget #:	PARK-062	Department:	Parks - Grants				Managing Dept. (if any):	Parks
Type:	New	Division:	Parks - Maintenance 402001				FY Capital Budget:	2025
Location:	I-35 Corridor	Category:	031 PARKS - DEVELOPMENT				Est. Completion Date:	2025
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years					Total Resources	Unfunded
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Grants	\$ -	\$ -	\$ -	\$ 75,000	\$ -	\$ 75,000	\$ 0	
Project Description / Justification						Project Map / Picture		
TXDOT I-35 design of landscape improvements								


**PARK-063 Green Ribbon Project / I-35E/W/N Design Phase 3**

CIP Budget #:	PARK-063	Department:	Parks - Grants				Managing Dept. (if any):	Parks
Type:	New	Division:	Parks - Maintenance 402001				FY Capital Budget:	2026
Location:	I-35 Corridor	Category:	031 PARKS - DEVELOPMENT				Est. Completion Date:	2026+
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years					Total Resources	Unfunded
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Grants	\$ -	\$ -	\$ -	\$ -	\$ 77,500	\$ 77,500	\$ 0	
Project Description / Justification						Project Map / Picture		
TXDOT I-35 design of landscape improvements								


**PARK-065 Hills of Denton Easement/Property Acquisition & Design**

CIP Budget #:	PARK-065	Department:	Parks				Managing Dept. (if any):	Parks
Type:	New	Division:	Parks - Administration 400001				FY Capital Budget:	2023
Location:	Hills of Denton	Category:	031 PARKS - DEVELOPMENT				Est. Completion Date:	2025
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years					Total Resources	Unfunded
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Not Included	\$ 65,000	\$ 50,000	\$ 35,000	\$ -	\$ -	\$ 150,000	\$ 0	
Project Description / Justification						Project Map / Picture		
Easement/property acquisition & design for trail								


**PARK-066 Hills of Denton Trail Design and Development**

CIP Budget #:	PARK-066	Department:	Parks - Grants				Managing Dept. (if any):	Parks
Type:	New	Division:	Parks - Administration 400001				FY Capital Budget:	2024
Location:	Hills of Denton	Category:	031 PARKS - DEVELOPMENT				Est. Completion Date:	2024
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years					Total Resources	Unfunded
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Grants	\$ -	\$ -	\$ 100,000	\$ -	\$ -	\$ 100,000	\$ 0	
Project Description / Justification						Project Map / Picture		
Trail in Easement 428 to Mingo								


**PARK-068 Inclusive Playground Design**

CIP Budget #:	PARK-068	Department:	Parks - Playground				Managing Dept. (if any):	Parks
Type:	New	Division:	Parks - Maintenance 402001				FY Capital Budget:	2023
Location:	North Denton	Category:	031 PARKS - DEVELOPMENT				Est. Completion Date:	2023
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years					Total Resources	Unfunded
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Debt	\$ 200,000	\$ -	\$ -	\$ -	\$ -	\$ 200,000	\$ 0	
Project Description / Justification						Project Map / Picture		
Funding to design an inclusive playground in North Denton.								


**PARK-072 Joe Skiles Park Playground**

CIP Budget #:	PARK-072	Department:	Parks - Playground				Managing Dept. (if any):	Parks
Type:	Existing	Division:	Parks - Maintenance 402001				FY Capital Budget:	2023
Location:	Joe Skiles Park	Category:	062 PARKS-IMPROVEMENT				Est. Completion Date:	2023
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years					Total Resources	Unfunded
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Debt	\$ -	\$ 45,000	\$ -	\$ -	\$ -	\$ 45,000	\$ 0	
Project Description / Justification						Project Map / Picture		
As part of the Playground Replacement Plan, this park will receive a replacement playground. Replacement of the playground will be planned for every 15 years.								


**PARK-073 Lake Forest Park Playground**

CIP Budget #:	PARK-073	Department:	Parks - Playground				Managing Dept. (if any):	Parks
Type:	Existing	Division:	Parks - Maintenance 402001				FY Capital Budget:	2025
Location:	Lake Forest Park	Category:	062 PARKS-IMPROVEMENT				Est. Completion Date:	2025
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years					Total Resources	Unfunded
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Debt	\$ -	\$ -	\$ -	\$ 278,689	\$ -	\$ 278,689	\$ 0	
Project Description / Justification							Project Map / Picture	
As part of the Playground Replacement Plan, this park will receive a replacement playground. Replacement of the playground will be planned for every 15 years.								


**PARK-075 Landscape Concrete Edging**

CIP Budget #:	PARK-075	Department:	Parks - General				Managing Dept. (if any):	Parks
Type:	Existing	Division:	Parks - Maintenance 402001				FY Capital Budget:	2024
Location:	Rayzor Ranch	Category:	062 PARKS-IMPROVEMENT				Est. Completion Date:	2026+
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years					Total Resources	Unfunded
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Parks CMP	\$ -	\$ -	\$ 80,000	\$ -	\$ 20,000	\$ 100,000	\$ 0	
Project Description / Justification							Project Map / Picture	
Replace old metal edging along various landscaping bed with concrete to improve functionality and aesthetics								


**PARK-076 Landscaping Enhancements**

CIP Budget #:	PARK-076	Department:	Parks - General				Managing Dept. (if any):	Parks
Type:	Existing	Division:	Parks - Maintenance 402001				FY Capital Budget:	2023
Location:	Quakertown Park	Category:	062 PARKS-IMPROVEMENT				Est. Completion Date:	2026+
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years					Total Resources	Unfunded
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Debt	\$ -	\$ 52,500	\$ 55,000	\$ 57,250	\$ 60,000	\$ 224,750	\$ 0	
Project Description / Justification							Project Map / Picture	
Beautification of recreation centers, parks and fire stations. Existing landscaping is in poor condition and needs improvement.								


**PARK-078 Launch Access (LFP)**

CIP Budget #:	PARK-078	Department:	Parks - Grants				Managing Dept. (if any):	Parks
Type:	New	Division:	Parks - Maintenance 402001				FY Capital Budget:	2022
Location:	Lake Forest Park	Category:	031 PARKS - DEVELOPMENT				Est. Completion Date:	2022
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years				Total Resources	Unfunded	
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Grants	\$ 115,000	\$ -	\$ -	\$ -	\$ -	\$ 115,000	\$ 0	
Project Description / Justification						Project Map / Picture		
<p>Kayak and canoe launch to grow the sport in Denton. PARD to work with TPWD to attain grant to support a large portion of the project. This project enhances the paddling trail vision. This location provides for an interior lake for shorter paddling experiences (Grant 20% city match)</p>								


**PARK-079 Launch Access (NLP)**

CIP Budget #:	PARK-079	Department:	Parks - Grants				Managing Dept. (if any):	Parks
Type:	New	Division:	Parks - Maintenance 402001				FY Capital Budget:	2022
Location:	North Lakes Park	Category:	031 PARKS - DEVELOPMENT				Est. Completion Date:	2022
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years				Total Resources	Unfunded	
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Grants	\$ 115,000	\$ -	\$ -	\$ -	\$ -	\$ 115,000	\$ 0	
Project Description / Justification						Project Map / Picture		
<p>Kayak and canoe launch to grow the sport in Denton. PARD to work with TPWD to attain grant to support a large portion of the project. This project enhances the paddling trail vision. This location provide for a interior lake for shorter paddling experiences (Grant 20% city match)</p>								


**PARK-080 Launch Access (SLP)**

CIP Budget #:	PARK-080	Department:	Parks - Grants				Managing Dept. (if any):	Parks
Type:	New	Division:	Parks - Maintenance 402001				FY Capital Budget:	2022
Location:	South Lakes Park	Category:	031 PARKS - DEVELOPMENT				Est. Completion Date:	2022
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years				Total Resources	Unfunded	
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Grants	\$ 20,000	\$ -	\$ -	\$ -	\$ -	\$ 20,000	\$ 0	
Project Description / Justification						Project Map / Picture		
<p>Kayak and canoe launch to grow the sport in Denton. PARD to work with TPWD to attain grant to support a large portion of the project. This project enhances the paddling trail vision. This location provide for a interior lake for shorter paddling experiences (Grant 20% city match)</p>								


**PARK-082 McKenna Park Outdoor Fitness Equipment**

CIP Budget #:	PARK-082	Department:	Parks - Development				Managing Dept. (if any):	Parks
Type:	Existing	Division:	Parks - Maintenance 402001				FY Capital Budget:	2022
Location:	McKenna Park	Category:	062 PARKS-IMPROVEMENT				Est. Completion Date:	2026+
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years				Total Resources	Unfunded	
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
915/916	\$ 200,000	\$ -	\$ -	\$ -	\$ 45,000	\$ 245,000	\$ 0	
Project Description / Justification						Project Map / Picture		
Install fitness equipment in old playground location.								


**PARK-083 Median Beautification-Hickory Creek (Phase 2 Construction)**

CIP Budget #:	PARK-083	Department:	Parks - Tree Fund				Managing Dept. (if any):	Parks
Type:	New	Division:	Parks - Maintenance 402001				FY Capital Budget:	2023
Location:	Hickory Ck Road	Category:	031 PARKS - DEVELOPMENT				Est. Completion Date:	2023
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years				Total Resources	Unfunded	
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Tree Fund	\$ -	\$ 311,800	\$ -	\$ -	\$ -	\$ 311,800	\$ 0	
Project Description / Justification						Project Map / Picture		
Installation of trees and irrigation to assist in the beautification of the city along with contribution to air quality, urban tree canopy and reduction in the urban heat island.								


**PARK-084 Median Beautification-Mayhill Road**

CIP Budget #:	PARK-084	Department:	Parks - Tree Fund				Managing Dept. (if any):	Parks
Type:	Existing	Division:	Parks - Maintenance 402001				FY Capital Budget:	2022
Location:	Mayhill Road	Category:	031 PARKS - DEVELOPMENT				Est. Completion Date:	2022
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years				Total Resources	Unfunded	
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Tree Fund	\$ 300,000	\$ -	\$ -	\$ -	\$ -	\$ 300,000	\$ 0	
Project Description / Justification						Project Map / Picture		
Installation of trees and irrigation to assist in the beautification of the city along with contribution to air quality, urban tree canopy and reduction in the urban heat island.								


**PARK-085 Median Beautification-Shady Oaks**

CIP Budget #:	PARK-085	Department:	Parks - Tree Fund				Managing Dept. (if any):	Parks
Type:	New	Division:	Parks - Maintenance 402001				FY Capital Budget:	2025
Location:	Shady Oaks	Category:	031 PARKS - DEVELOPMENT				Est. Completion Date:	2025
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years					Total Resources	Unfunded
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Tree Fund	\$ -	\$ -	\$ -	\$ 337,000	\$ -	\$ 337,000	\$ 0	
Project Description / Justification							Project Map / Picture	
Installation of trees and irrigation to assist in the beautification of the city along with contribution to air quality, urban tree canopy and reduction in the urban heat island.								


**PARK-088 MLK Jr. Indoor Playground**

CIP Budget #:	PARK-088	Department:	Parks - Rec Centers				Managing Dept. (if any):	Parks
Type:	Existing	Division:	Rec LS MLK Recreation Center 411180				FY Capital Budget:	2026
Location:	MLK Rec Center	Category:	003 BUILDING CONSTRUCTION				Est. Completion Date:	2026+
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years					Total Resources	Unfunded
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
CDBG	\$ -	\$ -	\$ -	\$ -	\$ 100,000	\$ 100,000	\$ 0	
Project Description / Justification							Project Map / Picture	
Indoor Playground								


**PARK-115 North Lakes Park Disc Golf - Creekside Improvements**

CIP Budget #:	PARK-115	Department:	Parks - General				Managing Dept. (if any):	Parks
Type:	Existing	Division:	Other				FY Capital Budget:	2023
Location:	North Lakes Park	Category:	062 PARKS-IMPROVEMENT				Est. Completion Date:	2023
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years					Total Resources	Unfunded
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Parks CMP	\$ -	\$ 20,000	\$ -	\$ 25,000	\$ -	\$ 45,000	\$ 0	
Project Description / Justification							Project Map / Picture	
New tee boxes and pavilion								


**PARK-116 North Lakes Park Disc Golf - Lakeside Improvements**

CIP Budget #:	PARK-116	Department:	Parks - General				Managing Dept. (if any):	Parks
Type:	Existing	Division:	Parks - Maintenance 402001				FY Capital Budget:	2023
Location:	North Lakes Park	Category:	062 PARKS-IMPROVEMENT				Est. Completion Date:	2024
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years				Total Resources	Unfunded	
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Parks CMP	\$ 20,000	\$ -	\$ 25,000	\$ -	\$ -	\$ 45,000	\$ 0	
Project Description / Justification						Project Map / Picture		
New tee boxes, pavilion and trees								

**PARK-118 North Lakes Park Driving Range Putting Green Replacement**


CIP Budget #:	PARK-118	Department:	Parks - General				Managing Dept. (if any):	Parks
Type:	New	Division:	Rec LS Golf 411260				FY Capital Budget:	2024
Location:	North Lakes Park	Category:	062 PARKS-IMPROVEMENT				Est. Completion Date:	2024
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years				Total Resources	Unfunded	
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Parks CMP	\$ -	\$ -	\$ 68,500	\$ -	\$ -	\$ 68,500	\$ 0	
Project Description / Justification						Project Map / Picture		
Putting green turf replacement								

**PARK-119 North Lakes Park Football Field Redevelopment (Irr, Grading, Fencing, Turf, Infield)**


CIP Budget #:	PARK-119	Department:	Parks - General				Managing Dept. (if any):	Parks
Type:	Existing	Division:	Parks - Maintenance 402001				FY Capital Budget:	2026
Location:	North Lakes Park	Category:	062 PARKS-IMPROVEMENT				Est. Completion Date:	2026+
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years				Total Resources	Unfunded	
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Parks CMP	\$ -	\$ -	\$ -	\$ 195,000	\$ -	\$ 195,000	\$ 0	
Project Description / Justification						Project Map / Picture		
Redevelop fields with new infrastructure								




**PARK-121 North Lakes Park Outdoor Fitness Equipment**

CIP Budget #:	PARK-121	Department:	Parks - General				Managing Dept. (if any):	Parks
Type:	New	Division:	Parks - Maintenance 402001				FY Capital Budget:	2025
Location:	North Lakes Park	Category:	031 PARKS - DEVELOPMENT				Est. Completion Date:	2025
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years					Total Resources	Unfunded
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Parks CMP	\$ -	\$ -	\$ -	\$ 285,000	\$ -	\$ 285,000	\$ 0	
Project Description / Justification						Project Map / Picture		
Outdoor Fitness Equipment								


**PARK-122 North Lakes Park Remote Controlled Field Design and Improvements**

CIP Budget #:	PARK-122	Department:	Parks - General				Managing Dept. (if any):	Parks
Type:	New	Division:	Parks - Maintenance 402001				FY Capital Budget:	2023
Location:	North Lakes Park	Category:	062 PARKS-IMPROVEMENT				Est. Completion Date:	2024
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years					Total Resources	Unfunded
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Parks CMP	\$ -	\$ 20,000	\$ 200,000	\$ -	\$ -	\$ 220,000	\$ 0	
Project Description / Justification						Project Map / Picture		
Rebuild the airfield in a new location outside of the range of the Denton Airport. This current location may be used to store silt from the dredging of the North Pond in North Lakes Park. This would reduce the hauling fees from dredging and the silt could be pumped to this location for de-watering. Upon drying of the silt, the soil could be used within the park for landscaping and/or for a pump track.								


**PARK-123 North Lakes Park Soccer Fence**

CIP Budget #:	PARK-123	Department:	Parks - General				Managing Dept. (if any):	Parks
Type:	Existing	Division:	Parks - Maintenance 402001				FY Capital Budget:	2023
Location:	North Lakes Park	Category:	062 PARKS-IMPROVEMENT				Est. Completion Date:	2025
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years					Total Resources	Unfunded
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Parks CMP	\$ -	\$ 50,000	\$ -	\$ 50,000	\$ -	\$ 100,000	\$ 0	
Project Description / Justification						Project Map / Picture		
New fencing to improve safety								


**PARK-126 North Point Park Playground**

CIP Budget #:	PARK-126	Department:	Parks - Playground				Managing Dept. (if any):	Parks
Type:	Existing	Division:	Parks - Maintenance 402001				FY Capital Budget:	2024
Location:	North Point Park	Category:	062 PARKS-IMPROVEMENT				Est. Completion Date:	2024
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years				Total Resources	Unfunded	
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Parks CMP	\$ -	\$ -	\$ 95,000	\$ -	\$ -	\$ 95,000	\$ 0	
Project Description / Justification						Project Map / Picture		
As part of the Playground Replacement Plan, this park will receive a replacement playground. Replacement of the playground will be planned for every 15 years.								


**PARK-127 Northeast Denton Trail Design and Development**

CIP Budget #:	PARK-127	Department:	Parks - Trails				Managing Dept. (if any):	Parks
Type:	New	Division:	Parks - Administration 400001				FY Capital Budget:	2026
Location:	NE Denton	Category:	031 PARKS - DEVELOPMENT				Est. Completion Date:	2026+
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years				Total Resources	Unfunded	
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Debt	\$ -	\$ -	\$ -	\$ -	\$ 75,000	\$ 75,000	\$ 0	
Project Description / Justification						Project Map / Picture		
Design and construction of a trail in easement from 428 to Mingo. This project will most likely develop in small sections pending the timing of the acquisition of easements.								


**PARK-128 Northeast Denton Trail Easement and Property Acquisition**

CIP Budget #:	PARK-128	Department:	Parks - Trails				Managing Dept. (if any):	Parks
Type:	New	Division:	Parks - Administration 400001				FY Capital Budget:	2025
Location:	NE Denton	Category:	031 PARKS - DEVELOPMENT				Est. Completion Date:	2026
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years				Total Resources	Unfunded	
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Debt	\$ -	\$ -	\$ -	\$ 50,000	\$ 50,000	\$ 100,000	\$ 0	
Project Description / Justification						Project Map / Picture		
Design and construction of a trail in easement from 428 to Mingo. This project will most likely develop in small sections pending the timing of the acquisition of easements.								


**PARK-129 PARD Master Plan**

CIP Budget #:	PARK-129	Department:	Parks - General				Managing Dept. (if any):	Parks
Type:	New	Division:	Parks - Administration 400001				FY Capital Budget:	2026
Location:	N/A	Category:	062 PARKS-IMPROVEMENT				Est. Completion Date:	2026+
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years				Total Resources	Unfunded	
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Debt	\$ -	\$ -	\$ -	\$ -	\$ 75,000	\$ 75,000	\$ 0	
Project Description / Justification						Project Map / Picture		
As a requirement with the Texas Parks and Wildlife, the master plan must be updated every 5 years and redeveloped every 10 years to be eligible for state grants.								


**PARK-130 Park Signage Plan and Construction Drawings**

CIP Budget #:	PARK-130	Department:	Parks				Managing Dept. (if any):	Parks
Type:	New	Division:	Parks - Administration 400001				FY Capital Budget:	2023
Location:	Various	Category:	062 PARKS-IMPROVEMENT				Est. Completion Date:	2023
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years				Total Resources	Unfunded	
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Not Included	\$ 65,000	\$ -	\$ -	\$ -	\$ -	\$ 65,000	\$ 0	
Project Description / Justification						Project Map / Picture		
Develop a plan to create a consistent sign package for the park system. If possible include construction drawings for park entry and gateway signage.								


**PARK-131 Park Signage Replacement**

CIP Budget #:	PARK-131	Department:	Parks - General				Managing Dept. (if any):	Parks
Type:	Existing	Division:	Parks - Maintenance 402001				FY Capital Budget:	2023
Location:	Various	Category:	062 PARKS-IMPROVEMENT				Est. Completion Date:	2026+
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years				Total Resources	Unfunded	
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Debt	\$ -	\$ 36,050	\$ 37,132	\$ 38,245	\$ 39,393	\$ 150,820	\$ 0	
Project Description / Justification						Project Map / Picture		
Various sign replacements annually to include gateway signs, park monumental signs and rules/identification signage throughout each park space.								


**PARK-132 Parkside Property Playground**

CIP Budget #:	PARK-132	Department:	Parks - Playground				Managing Dept. (if any):	Real Estate
Type:	New	Division:	Parks - Maintenance 402001				FY Capital Budget:	2024
Location:	Hickory Ck Rd	Category:	031 PARKS - DEVELOPMENT				Est. Completion Date:	2024
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years				Total Resources	Unfunded	
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Debt	\$ 280,203	\$ -	\$ -	\$ -	\$ -	\$ 280,203	\$ 0	
Project Description / Justification						Project Map / Picture		
Acquisition of 23+ acres in cooperation with the developer. The developer is also going to complete set infrastructure improvements to the park. PARD will install a playground while the park is being developed.								


**PARK-133 Pavilion Replacements**

CIP Budget #:	PARK-133	Department:	Parks - General				Managing Dept. (if any):	Parks
Type:	Existing	Division:	Parks - Maintenance 402001				FY Capital Budget:	2022
Location:	Various	Category:	062 PARKS-IMPROVEMENT				Est. Completion Date:	2026+
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years				Total Resources	Unfunded	
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Parks CMP	\$ 54,636	\$ 56,275	\$ 55,000	\$ -	\$ 50,000	\$ 215,911	\$ 0	
Project Description / Justification						Project Map / Picture		
Replacement or renovation of old pavilions throughout the park system.								


**PARK-135 Pecan Creek Trail Development - Phase 1**

CIP Budget #:	PARK-135	Department:	Parks - Trails				Managing Dept. (if any):	Parks
Type:	New	Division:	Parks - Maintenance 402001				FY Capital Budget:	2023
Location:	Pecan Creek	Category:	031 PARKS - DEVELOPMENT				Est. Completion Date:	2023
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years				Total Resources	Unfunded	
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Debt	\$ -	\$ 2,500,000	\$ -	\$ -	\$ -	\$ 2,500,000	\$ 0	
Project Description / Justification						Project Map / Picture		
Trail along Pecan Creek east connecting parks to Lewisville Lake								


**PARK-136 Pecan Creek Trail Development - Phase 2**

CIP Budget #:	PARK-136	Department:	Parks - Trails				Managing Dept. (if any):	Parks
Type:	New	Division:	Parks - Maintenance 402001				FY Capital Budget:	2026
Location:	Pecan Creek	Category:	031 PARKS - DEVELOPMENT				Est. Completion Date:	2026+
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years					Total Resources	Unfunded
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Debt	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,500,000	\$ 2,500,000	\$ 0
Project Description / Justification							Project Map / Picture	
Trail along Pecan Creek east connecting parks to Lewisville Lake								


**PARK-137 Pecan Creek Trail Master Plan and CD's Phase 2**

CIP Budget #:	PARK-137	Department:	Parks - Trails				Managing Dept. (if any):	Parks
Type:	New	Division:	Parks - Administration 400001				FY Capital Budget:	2023
Location:	Pecan Creek	Category:	031 PARKS - DEVELOPMENT				Est. Completion Date:	2023
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years					Total Resources	Unfunded
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Debt	\$ -	\$ -	\$ 140,000	\$ -	\$ -	\$ 140,000	\$ 140,000	\$ 0
Project Description / Justification							Project Map / Picture	
Community engagement and design for the linear park trail along Pecan Creek from the DCTA Rail Trail to Lewisville Lake.								


**PARK-140 Pond Fountains and Aerators**

CIP Budget #:	PARK-140	Department:	Parks - General				Managing Dept. (if any):	Parks
Type:	New	Division:	Parks - Maintenance 402001				FY Capital Budget:	2022
Location:	Various	Category:	062 PARKS-IMPROVEMENT				Est. Completion Date:	2025
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years					Total Resources	Unfunded
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Parks CMP	\$ 10,927	\$ 11,255	\$ 11,599	\$ 12,298	\$ -	\$ 46,079	\$ 0	
Project Description / Justification							Project Map / Picture	
Fountains and aerators to stimulate bodies of water to keep the pond from becoming stagnant, maintaining water flow and adding beautification to the park.								


**PARK-141 Public Art-Bonnie Brae/Vintage**

CIP Budget #:	PARK-141	Department:	Parks - Public Art				Managing Dept. (if any):	Parks
Type:	New	Division:	Other				FY Capital Budget:	2022
Location:	Bonnie Brae	Category:	056 PUBLIC ART				Est. Completion Date:	2023
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years				Total Resources	Unfunded	
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
HOT Funds	\$ 75,000	\$ -	\$ -	\$ -	\$ -	\$ 75,000	\$ 0	
Project Description / Justification						Project Map / Picture		
New sculpture to be placed to elevate the arts and culture of the City.								


**PARK-142 Public Art-Denia Park**

CIP Budget #:	PARK-142	Department:	Parks - Public Art				Managing Dept. (if any):	Parks
Type:	New	Division:	Other				FY Capital Budget:	2024
Location:	Denia Park	Category:	056 PUBLIC ART				Est. Completion Date:	2024
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years				Total Resources	Unfunded	
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
HOT Funds	\$ -	\$ -	\$ 79,568	\$ -	\$ -	\$ 79,568	\$ 0	
Project Description / Justification						Project Map / Picture		
New sculpture to be placed to elevate the arts and culture of the City.								


**PARK-143 Public Art-Development Services**

CIP Budget #:	PARK-143	Department:	Parks - Public Art				Managing Dept. (if any):	Parks
Type:	New	Division:	Other				FY Capital Budget:	2023
Location:	Dev Svc Center	Category:	056 PUBLIC ART				Est. Completion Date:	2023
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years				Total Resources	Unfunded	
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
HOT Funds	\$ -	\$ 77,250	\$ -	\$ -	\$ -	\$ 77,250	\$ 0	
Project Description / Justification						Project Map / Picture		
New sculpture to be placed to elevate the arts and culture of the City.								


**PARK-144 Public Art-Downtown Utility Boxes (30+/-)**

CIP Budget #:	PARK-144	Department:	Parks - Public Art				Managing Dept. (if any):	Parks
Type:	Existing	Division:	Other				FY Capital Budget:	2022
Location:	Various	Category:	056 PUBLIC ART				Est. Completion Date:	2023
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years					Total Resources	Unfunded
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
HOT Funds	\$ 25,000	\$ 50,000	\$ -	\$ -	\$ -	\$ 75,000	\$ 0	
Project Description / Justification							Project Map / Picture	
Plan to install decorative wraps on utility boxes in the downtown and eventually in other areas of the community. PARD is applying for a TCA grant to assist in 50% of the project costs.								


**PARK-145 Public Art-Fred Moore Park**

CIP Budget #:	PARK-145	Department:	Parks - Public Art				Managing Dept. (if any):	Parks
Type:	New	Division:	Other				FY Capital Budget:	2026
Location:	Fred Moore Park	Category:	056 PUBLIC ART				Est. Completion Date:	2026+
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years					Total Resources	Unfunded
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
HOT Funds	\$ -	\$ -	\$ -	\$ -	\$ 84,413	\$ 84,413	\$ 0	
Project Description / Justification							Project Map / Picture	
New sculpture to be placed to elevate the arts and culture of the City.								


**PARK-146 Public Art-Historic National Humane Alliance Fountain**

CIP Budget #:	PARK-146	Department:	Parks - Public Art				Managing Dept. (if any):	Parks
Type:	Existing	Division:	Other				FY Capital Budget:	2022
Location:	Oakland St.	Category:	056 PUBLIC ART				Est. Completion Date:	2023
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years					Total Resources	Unfunded
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
HOT Funds	\$ 15,000	\$ -	\$ -	\$ -	\$ -	\$ 15,000	\$ 0	
Project Description / Justification							Project Map / Picture	
Renovate the historic fountain and identify a key location for placement. Only 100 of the foundation still exist from the 1910's. Denton is fortunate to still have this piece of art after years of neglect. Internal infrastructure needs to be replaced, concrete fill removed, and decorative lions replaced in order to have the fountain functioning again. Location to be determined.								


**PARK-148 Public Art-Sycamore Drive Mural**

CIP Budget #:	PARK-148	Department:	Parks - Public Art				Managing Dept. (if any):	Parks
Type:	Existing	Division:	Other				FY Capital Budget:	2022
Location:	Sycamore Dr.	Category:	056 PUBLIC ART				Est. Completion Date:	2023
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years				Total Resources	Unfunded	
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
HOT Funds	\$ 5,000	\$ -	\$ -	\$ -	\$ -	\$ 5,000	\$ 0	
Project Description / Justification						Project Map / Picture		
Funding to repaint the mural on Sycamore Drive.								

**PARK-150 Public Art-Wiggly Field**


CIP Budget #:	PARK-150	Department:	Parks - Public Art				Managing Dept. (if any):	Parks
Type:	New	Division:	Other				FY Capital Budget:	2025
Location:	Dog Park	Category:	056 PUBLIC ART				Est. Completion Date:	2025
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years				Total Resources	Unfunded	
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
HOT Funds	\$ -	\$ -	\$ -	\$ 81,955	\$ -	\$ 81,955	\$ 0	
Project Description / Justification						Project Map / Picture		
New sculpture to be placed to elevate the arts and culture of the City.								

**PARK-151 Public Art-ODD Monuments**


CIP Budget #:	PARK-151	Department:	Parks - Public Art				Managing Dept. (if any):	Parks
Type:	New	Division:	Other				FY Capital Budget:	2024
Location:	N/A	Category:	056 PUBLIC ART				Est. Completion Date:	2026+
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years				Total Resources	Unfunded	
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
HOT Funds	\$ -	\$ -	\$ 50,000	\$ 50,000	\$ 50,000	\$ 150,000	\$ 0	
Project Description / Justification						Project Map / Picture		
New sculpture to be placed to elevate the arts and culture of the City.								




**PARK-154 Quakertown Park Play Music**

CIP Budget #:	PARK-154	Department:	Parks - Grants				Managing Dept. (if any):	Parks
Type:	Existing	Division:	Parks - Maintenance 402001				FY Capital Budget:	2022
Location:	Quakertown Park	Category:	062 PARKS-IMPROVEMENT				Est. Completion Date:	2023
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years				Total Resources	Unfunded	
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Grants	\$ 20,000	\$ -	\$ -	\$ -	\$ -	\$ 20,000	\$ 0	
Project Description / Justification						Project Map / Picture		
As part of the Playground Replacement Plan, this park will receive a replacement playground. Replacement of the playground will be planned for every 15 years.								


**PARK-157 Resurface Restroom Floors**

CIP Budget #:	PARK-157	Department:	Parks - General				Managing Dept. (if any):	Parks
Type:	Existing	Division:	Parks - Maintenance 402001				FY Capital Budget:	2022
Location:	Various	Category:	062 PARKS-IMPROVEMENT				Est. Completion Date:	2026+
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years				Total Resources	Unfunded	
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Parks CMP	\$ 15,000	\$ -	\$ 15,000	\$ 16,883	\$ 18,000	\$ 64,883	\$ 0	
Project Description / Justification						Project Map / Picture		
Improve appearance of restroom flooring								


**PARK-164 Sequoia Park Playground (New)**

CIP Budget #:	PARK-164	Department:	Parks - Playground				Managing Dept. (if any):	Parks
Type:	New	Division:	Parks - Maintenance 402001				FY Capital Budget:	2022
Location:	Sequoia Park	Category:	031 PARKS - DEVELOPMENT				Est. Completion Date:	2023
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years				Total Resources	Unfunded	
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
CDBG	\$ 208,800	\$ -	\$ -	\$ -	\$ -	\$ 208,800	\$ 0	
Project Description / Justification						Project Map / Picture		
As part of the Playground Replacement Plan, this new park will receive its first playground. Replacement of the playground will be planned for every 15 years.								


**PARK-170 Township II Playground (New)**

CIP Budget #:	PARK-170	Department:	Parks - Playground				Managing Dept. (if any):	Parks
Type:	New	Division:	Parks - Maintenance 402001				FY Capital Budget:	2025
Location:	Angelina Bd Dr.	Category:	031 PARKS - DEVELOPMENT				Est. Completion Date:	2025
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years					Total Resources	Unfunded
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Debt	\$ -	\$ -	\$ -	\$ 235,000	\$ -	\$ 235,000	\$ 0	
Project Description / Justification						Project Map / Picture		
As part of the Playground Replacement Plan, this new park will receive its first playground. Replacement of the playground will be planned for every 15 years.								


**PARK-171 Trash Can Replacements**

CIP Budget #:	PARK-171	Department:	Parks - General				Managing Dept. (if any):	Parks
Type:	Existing	Division:	Parks - Maintenance 402001				FY Capital Budget:	2023
Location:	Various	Category:	062 PARKS-IMPROVEMENT				Est. Completion Date:	2025
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years					Total Resources	Unfunded
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Parks CMP	\$ -	\$ 50,000	\$ -	\$ 55,000	\$ -	\$ 105,000	\$ 0	
Project Description / Justification						Project Map / Picture		
Replace various trash cans throughout the park system with the goal of eliminating the 55-gallon drums.								


**PARK-172 Tree Planting Design and Planting (Various Areas to be plotted)**

CIP Budget #:	PARK-172	Department:	Parks - Tree Fund				Managing Dept. (if any):	Parks
Type:	New	Division:	Parks - Maintenance 402001				FY Capital Budget:	2024
Location:	Various	Category:	031 PARKS - DEVELOPMENT				Est. Completion Date:	2026+
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years					Total Resources	Unfunded
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Tree Fund	\$ -	\$ -	\$ 327,000	\$ -	\$ 350,000	\$ 677,000	\$ 0	
Project Description / Justification						Project Map / Picture		
Tree Planting in various area throughout the city to improve air quality and the urban heat island per Urban Forest Master Plan								


**PARK-175 Villages of Carmel Park Development (Grant)**

CIP Budget #:	PARK-175	Department:	Parks - Grants				Managing Dept. (if any):	Parks
Type:	New	Division:	Parks - Maintenance 402001				FY Capital Budget:	2022
Location:	Villages of Carmel	Category:	031 PARKS - DEVELOPMENT				Est. Completion Date:	2023
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years				Total Resources	Unfunded	
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Grants	\$ 621,563	\$ -	\$ -	\$ -	\$ -	\$ 621,563	\$ 0	
Project Description / Justification						Project Map / Picture		
<p>Neighborhood Park construction after master plan was completed in 2021. Texas Parks and Wildlife Department Grant awarded in 2022 to provide a 50% match up to \$621,563. Grant funding delayed by TPWD due to funding coming from the federal government until late 2022.</p>								


**PARK-176 Villages of Carmel Park Development (City Match)**

CIP Budget #:	PARK-176	Department:	Parks - Development				Managing Dept. (if any):	Parks
Type:	New	Division:	Parks - Maintenance 402001				FY Capital Budget:	2024
Location:	Villages of Carmel	Category:	031 PARKS - DEVELOPMENT				Est. Completion Date:	2024
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years				Total Resources	Unfunded	
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
915/916	\$ 621,563	\$ -	\$ -	\$ -	\$ -	\$ 621,563	\$ 0	
Project Description / Justification						Project Map / Picture		
<p>Park construction (50% grant will reduce)</p>								


**PARK-178 Woodrow Property Acquisition**

CIP Budget #:	PARK-178	Department:	Parks - Development				Managing Dept. (if any):	Real Estate
Type:	New	Division:	Parks - Administration 400001				FY Capital Budget:	2022
Location:	Woodrow Park	Category:	030 PARKS - ACQUISITION				Est. Completion Date:	2023
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years				Total Resources	Unfunded	
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
915/916	\$ 10,000	\$ -	\$ -	\$ -	\$ -	\$ 10,000	\$ 0	
Project Description / Justification						Project Map / Picture		
<p>Donated property near Rivera Elementary. Property is currently in Probate Court and future outcome is unknown.</p>								


**PARK-229 Trail Concrete Panel Replacement**

CIP Budget #:	PARK-229	Department:	Parks - Trails				Managing Dept. (if any):	Parks
Type:	Existing	Division:	Parks - Maintenance 402001				FY Capital Budget:	2022
Location:		Category:	062 PARKS-IMPROVEMENT				Est. Completion Date:	2026+
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years					Total Resources	Unfunded
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Parks CMP	\$ 50,000	\$ 50,000	\$ 50,000	\$ 60,000	\$ 60,000	\$ 270,000	\$ 0	
Project Description / Justification							Project Map / Picture	
Replace damaged concrete panels throughout the trail system.								

**PARK-997 Aquatics Capital Maintenance & Improvements**

CIP Budget #:	PARK-997	Department:	Parks - Aquatics				Managing Dept. (if any):	Parks
Type:	Existing	Division:	Parks - Maintenance				FY Capital Budget:	2022
Location:	Aquatic Facilities	Category:	062 PARKS-IMPROVEMENT				Est. Completion Date:	2026+
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years					Total Resources	Unfunded
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Rollup Items	\$ 470,183	\$ 380,029	\$ 180,256	\$ 498,267	\$ 104,233	\$ 1,632,967	\$ 0	
Project Description / Justification							Project Map / Picture	
Funding for capital maintenance and improvements to the City's aquatic facilities, including the Civic Center Pool, Natatorium, and Water Works Park. Projects include replacing aquatic equipment such as pool chemical controllers, lighting, coping and surfaces, and maintaining the safe operation of the aquatic fixtures.								

**PARK-998 Recreation Centers Capital Maintenance & Improvements**

CIP Budget #:	PARK-998	Department:	Recreation – Leisure Services				Managing Dept. (if any):	Parks
Type:	Existing	Division:	Leisure Services - Maintenance				FY Capital Budget:	2022
Location:	Rec Centers	Category:	062 PARKS-IMPROVEMENT				Est. Completion Date:	2026+
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years					Total Resources	Unfunded
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Rollup Items	\$ 245,000	\$ 22,000	\$ 26,500	\$ 27,300	\$ 25,000	\$ 345,800	\$ 0	
Project Description / Justification							Project Map / Picture	
Funding for capital maintenance and improvements to the City's recreation facilities. Projects include replacing flooring, wall panels/partitions, kitchen equipment, fitness equipment, and AV equipment in community rooms.								



*Engage Denton App*

**Preliminary Capital Improvement Program  
Technology Services Summary  
Cash Requirements  
(In Thousands)**

**5-Year Summary - Project Category**

	2022-23	2023-24	2024-25	2025-26	2026-27	TOTAL
Technology Infrastructure	\$ 732	\$ 532	\$ 1,325	\$ 3,260	\$ 1,796	\$ 7,644
End User Equipment Replacement	1,466	1,232	1,894	683	438	5,713
<b>GRAND TOTAL</b>	<b>\$ 2,198</b>	<b>\$ 1,763</b>	<b>\$ 3,219</b>	<b>\$ 3,943</b>	<b>\$ 2,234</b>	<b>\$ 13,357</b>

**5-Year Summary - Funding Source**

	2022-23	2023-24	2024-25	2025-26	2026-27	TOTAL
Revenue Funded Capital (Transfers In)	2,198	1,763	3,219	3,943	2,234	13,357
<b>GRAND TOTAL</b>	<b>\$ 2,198</b>	<b>\$ 1,763</b>	<b>\$ 3,219</b>	<b>\$ 3,943</b>	<b>\$ 2,234</b>	<b>\$ 13,357</b>

Total Current Appropriated \$ 5,605


**FY 2022-23 Preliminary Total** \$ 7,803

## Capital Improvement Program


### Technology Services CIP Projects

Budget #		FY 22-23	FY 23-24	FY 24-25	FY 25-26	FY 26-27	TOTAL
	<b>TECHNOLOGY INFRASTRUCTURE</b>						
TECH-001	Infrastructure Replacement	\$ 732	\$ 532	\$ 1,325	\$ 3,260	\$ 1,796	\$ 7,644
	<b>TOTAL FUNDING</b>	<b>\$ 732</b>	<b>\$ 532</b>	<b>\$ 1,325</b>	<b>\$ 3,260</b>	<b>\$ 1,796</b>	<b>\$ 7,644</b>
	<b>END USER EQUIPMENT REPLACEMENT</b>						
TECH-002	End User Computing	494	632	582	683	438	2,829
TECH-003	Radios & Modems	972	600	1,312	-	-	2,884
	<b>TOTAL FUNDING</b>	<b>\$ 1,466</b>	<b>\$ 1,232</b>	<b>\$ 1,894</b>	<b>\$ 683</b>	<b>\$ 438</b>	<b>\$ 5,713</b>
	<b>GRAND TOTAL</b>	<b>\$ 2,198</b>	<b>\$ 1,763</b>	<b>\$ 3,219</b>	<b>\$ 3,943</b>	<b>\$ 2,234</b>	<b>\$ 13,357</b>


### TECH-001 Infrastructure Replacement

CIP Budget #:	TECH-001	Department:	Tech Services				Managing Dept. (if any):	Tech Services
Type:	New	Division:	Tech Svcs - Infrastructure 830200				FY Capital Budget:	2023
Location:	Various	Category:	000 TECHNOLOGY - INFRASTRUCTURE				Est. Completion Date:	2027
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years					Total Resources	Unfunded
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Revenue	\$ 731,665	\$ 531,500	\$ 1,325,495	\$ 3,259,695	\$ 1,796,100	\$ 7,644,455	\$ -	
Project Description / Justification						Project Map / Picture		
<p>This includes servers, database, core switching and closet switching, telecommunication equipment, storage access network appliances, wireless access points, firewalls, and other hardware equipment required to support infrastructure and communication needs. Equipment is replaced 6-8 years as technology changes, hardware becomes obsolete, or business needs change.</p>								

### TECH-002 End User Computing

CIP Budget #:	TECH-002	Department:	Tech Services				Managing Dept. (if any):	Tech Services
Type:	New	Division:	Tech Svcs - Infrastructure 830200				FY Capital Budget:	2023
Location:	Various	Category:	058 TECHNOLOGY - SOFTWARE/HARDWARE				Est. Completion Date:	2027
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years					Total Resources	Unfunded
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Revenue	\$ 494,400	\$ 631,800	\$ 581,900	\$ 683,300	\$ 437,900	\$ 2,829,300	\$ -	
Project Description / Justification						Project Map / Picture		
<p>This includes desktops, laptops, mobile tablets, and other hardware required for end user computing. Equipment is replaced every 4-5 years as technology changes, hardware becomes obsolete, or business needs change.</p>								

### TECH-003 Radios & Modems

CIP Budget #:	TECH-003	Department:	Tech Services				Managing Dept. (if any):	Tech Services
Type:	New	Division:	Tech Svcs - Infrastructure 830200				FY Capital Budget:	2023
Location:	Various	Category:	058 TECHNOLOGY - SOFTWARE/HARDWARE				Est. Completion Date:	2027
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years					Total Resources	Unfunded
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Revenue	\$ 971,500	\$ 600,000	\$ 1,312,000	\$ 0	\$ 0	\$ 2,883,500	\$ -	
Project Description / Justification						Project Map / Picture		
<p>This includes mobile, portable and console radios. Equipment is replaced every 8-10 years as technology changes, hardware becomes obsolete, or business needs change.</p>								





**Preliminary Capital Improvement Program  
Streets Summary  
Cash Requirements  
(In Thousands)**

**5-Year Summary - Project Category**

	2022-23	2023-24	2024-25	2025-26	2026-27	TOTAL
Parking Lot Improvements	\$ 957	\$ 200	\$ 200	\$ 200	\$ 200	\$ 1,757
<b>GRAND TOTAL</b>	<b>\$ 957</b>	<b>\$ 200</b>	<b>\$ 200</b>	<b>\$ 200</b>	<b>\$ 200</b>	<b>\$ 1,757</b>

**5-Year Summary - Funding Source**

	2022-23	2023-24	2024-25	2025-26	2026-27	TOTAL
Existing Fund Balance	\$ 957	\$ -	\$ -	\$ -	\$ -	\$ 957
Revenue Funded Capital	-	200	200	200	200	800
<b>GRAND TOTAL</b>	<b>\$ 957</b>	<b>\$ 200</b>	<b>\$ 200</b>	<b>\$ 200</b>	<b>\$ 200</b>	<b>\$ 1,757</b>

Total Current Appropriated \$ 39,722


**FY 2022-23 Preliminary Total** \$ 40,679

*Capital Improvement Program*


*Streets CIP Projects*

Budget #		FY 22-23	FY 23-24	FY 24-25	FY 25-26	FY 26-27	TOTAL
	<b>PARKING LOT IMPROVEMENTS</b>						
STR-002	North Lakes Baseball & Soccer Complex	\$ 608	\$ -	\$ -	\$ -	\$ -	\$ 608
STR-004	Library Emily Fowler	129	-	-	-	-	129
STR-005	Avondale Park	50	-	-	-	-	50
STR-006	Martin Luther King Jr Recreation Center	170	-	-	-	-	170
STR-007	Parking Lot Replacements	-	200	200	200	200	800
	<b>TOTAL FUNDING</b>	<b>\$ 957</b>	<b>\$ 200</b>	<b>\$ 200</b>	<b>\$ 200</b>	<b>\$ 200</b>	<b>\$ 1,757</b>
	<b>GRAND TOTAL</b>	<b>\$ 957</b>	<b>\$ 200</b>	<b>\$ 200</b>	<b>\$ 200</b>	<b>\$ 200</b>	<b>\$ 1,757</b>


**STR-002 North Lakes Baseball & Soccer Complex**

CIP Budget #:	STR-002	Department:	Streets				Managing Dept. (if any):	Streets
Type:	New	Division:	Street Improvement 285801				FY Capital Budget:	2022
Location:	NL Complex	Category:	039 STREET				Est. Completion Date:	2023
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years				Total Resources	Unfunded	
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Fund Balance	\$ 607,722	\$ -	\$ -	\$ -	\$ -	\$ 607,722	\$ 0	
Project Description / Justification						Project Map / Picture		
Reconstruction of the North Lakes Baseball and Soccer Complex parking lot.								


**STR-004 Library Emily Fowler**

CIP Budget #:	STR-004	Department:	Streets				Managing Dept. (if any):	Streets
Type:	New	Division:	Street Improvement 285801				FY Capital Budget:	2022
Location:	Library Emily	Category:	039 STREET				Est. Completion Date:	2023
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years				Total Resources	Unfunded	
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Fund Balance	\$ 128,880	\$ -	\$ -	\$ -	\$ -	\$ 128,880	\$ 0	
Project Description / Justification						Project Map / Picture		
Reconstruction of the Emily Fowler Library parking lot.								

**STR-005 Avondale Park**

CIP Budget #:	STR-005	Department:	Streets				Managing Dept. (if any):	Streets
Type:	New	Division:	Street Improvement 285801				FY Capital Budget:	2022
Location:	Avondale Park	Category:	039 STREET				Est. Completion Date:	2023
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years				Total Resources	Unfunded	
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Fund Balance	\$ 50,215	\$ -	\$ -	\$ -	\$ -	\$ 50,215	\$ 0	
Project Description / Justification						Project Map / Picture		
Reconstruction of the Avondale Park parking lot.								

**STR-006          Martin Luther King Jr Recreation Center**

CIP Budget #:	STR-006	Department:	Streets				Managing Dept. (if any):	Streets
Type:	New	Division:	Street Improvement 285801				FY Capital Budget:	2022
Location:	Asphalt Parking	Category:	039 STREET				Est. Completion Date:	2023
Funding Source	Budget Year 1 FY2022-23	Unappropriated Subsequent Years					Total Resources	Unfunded
		Year 2 FY2023-24	Year 3 FY2024-25	Year 4 FY2025-26	Year 5 FY2026-27			
Fund Balance	\$ 170,183	\$ -	\$ -	\$ -	\$ -	\$ 170,183	\$ 0	
Project Description / Justification						Project Map / Picture		
Reconstruction of the MLK Jr. Recreation Center parking lot.								

*Preliminary Capital Improvement Program  
Traffic Summary  
Cash Requirements  
(In Thousands)*

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*5-Year Summary - Project Category*

	2022-23	2023-24	2024-25	2025-26	2026-27	TOTAL
Traffic Improvements	\$ 1,168	\$ 448	\$ 448	\$ 448	\$ 448	\$ 2,960
<b>GRAND TOTAL</b>	<b>\$ 1,168</b>	<b>\$ 448</b>	<b>\$ 448</b>	<b>\$ 448</b>	<b>\$ 448</b>	<b>\$ 2,960</b>

*5-Year Summary - Funding Source*

	2022-23	2023-24	2024-25	2025-26	2026-27	TOTAL
Revenue Funded Capital	\$ 1,168	\$ 448	\$ 448	\$ 448	\$ 448	2,960
<b>GRAND TOTAL</b>	<b>\$ 1,168</b>	<b>\$ 448</b>	<b>\$ 448</b>	<b>\$ 448</b>	<b>\$ 448</b>	<b>\$ 2,960</b>

Total Current Appropriated	\$ 9,712
<b>FY 2022-23 Preliminary Total</b>	<b><u>\$ 10,880</u></b>

Capital Improvement Program

Traffic CIP Projects

Budget #		FY 22-23	FY 23-24	FY 24-25	FY 25-26	FY 26-27	TOTAL
	<b>TRAFFIC IMPROVEMENTS</b>						
TRF-001	Traffic Signal Cabinet Replacements	\$ 208	\$ 208	\$ 208	\$ 208	\$ 208	\$ 1,040
TRF-002	Fire Preemption/Connected Vehicle Technology	720	-	-	-	-	720
TRF-003	Gridsmart Vehicle Detection	240	240	240	240	240	1,200
	<b>TOTAL FUNDING</b>	<b>\$ 1,168</b>	<b>\$ 448</b>	<b>\$ 448</b>	<b>\$ 448</b>	<b>\$ 448</b>	<b>\$ 2,960</b>
	<b>GRAND TOTAL</b>	<b>\$ 1,168</b>	<b>\$ 448</b>	<b>\$ 448</b>	<b>\$ 448</b>	<b>\$ 448</b>	<b>\$ 2,960</b>

# Glossary

The Capital Improvement Plan contains specialized and technical terminology that is unique to public finance and budgeting. To assist the reader of this document in understanding these terms, a budget glossary has been included in the document.

**ACFR.** Annual Comprehensive Financial Report.

**Administrative Services.** Administrative Services charges are allocated to Proprietary Funds activities for indirect management and administrative support given by general fund departments.

**Administrative Transfer.** An inter-fund transfer designed to recover General Fund expenditures conducted on behalf of Proprietary funds.

**Ad Valorem Taxes. (Current)** All property, real, personal, tangible, intangible, annexations, additions, and improvements to property located within the taxing unit's jurisdiction, which are subject to taxation on January 1 of the current fiscal year. Each year, by ordinance, the City Council exempts taxes on automobiles and other items from the tax levy. Following the final passage of the appropriations ordinance, City Council sets the tax rate and levy for the fiscal year beginning October 1 and continuing through the following September 30th.

**Airport Advisory Board.** Serves in an advisory capacity to the City Council on matters relative to airport safety, flight and ground operations, safety and security issues arising from the creation and development of long-term master plans; tenant/stakeholder outreach; the Airport Business Plan and the Airport Master Plan; airport infrastructure improvement or other major projects impacting the airport; grant funding for the airport; and long term financial planning and budgetary issues affecting the airport.

**Appropriation.** A legal authorization granted by a governing body to make expenditures and to incur obligations for specific purposes.

**Appropriable Fund Balance.** The working capital in the operating fund (includes current assets and current liabilities except current LTD).

**Appropriation Ordinance.** The official enactment by the City Council to establish legal authority for City officials to obligate and expend resources.

**ARPA.** American Rescue Plan Act of 2021.

**Assessed Valuation.** A value that is established for real or personal property for use as a basis for levying property taxes. (Note: Property values are established by the Denton Central Appraisal District.)

**Asset.** Assets are resources with present service capacity that the government presently controls.

**Assigned Fund Balance.** Fund balance amounts a government intends to use for a specific purpose; intent can be expressed by the governing body or by an official or body to which the governing body delegates the authority.

**Balanced Budget.** A budget in which estimated revenues equal estimated expenditures.

**Basis.** The type of accounting or budgeting used.

**Basis of Accounting.** A term used to describe the timing of recognition; that is when the effects of transactions or events should be recognized in the financial statements. (also see Modified Accrual Basis, Cash Basis, and Budgetary Basis)

**Bond.** A written promise to pay a sum of money on a specific date at a specified interest rate. The interest payments and the repayment of the principal are detailed in a bond ordinance. The most common types of bonds are general obligation and revenue bonds. These are most frequently used for construction of large capital projects, such as buildings, streets and bridges.

**Bond Rating.** A bond rating is a grade given to bonds that indicates their credit quality.



# Glossary

**Budget.** A plan of financial operation embodying an estimate of proposed expenditures for a given period and the proposed means of financing them. Used without any modifier, the term usually indicates a financial plan for a single fiscal year. The term "budget" is used in two senses in practice. Sometimes it designates the financial plan presented to the governing body for adoption and sometimes the financial plan finally approved by that body. It is usually necessary to specify whether the budget under consideration is preliminary and tentative or whether it has been approved by the governing body.

**Budget Amendment.** A legal procedure utilized by the City staff and City Council to revise a budget appropriation. The City of Denton's Charter requires City Council approval through the adoption of a supplemental appropriation ordinance (which specifies both the source of revenue and the appropriate expenditure account) for any inter-fund adjustments. City staff has the prerogative to adjust expenditures within a departmental budget.

**Budget Calendar.** The schedule of key dates or milestones, which the City departments follow in the preparation, adoption, and administration of the budget.

**Budget Document.** The instrument used by the operational authority to present a comprehensive financial program to the City Council.

**Budget Message.** The opening section of the budget, which provides the City Council and the public with a general summary of the most important aspects of the budget, changes from the current and previous fiscal years, and the views and recommendations of the City Manager.

**Budgeted Funds.** Funds that are planned for certain uses and may be formally or legally appropriated by the governing body for specific purposes.

**Capital Expenditures.** Expenditures, which result in the acquisition of or addition to fixed assets.

**CDBG.** Community Development Block Grant.

**CDBG-R.** Community Development Block Grant Recovery Fund.

**Certificate of Obligation.** Certificates of Obligation (COs) are an instrument of public debt made available to the governing bodies of cities, counties, and certain special districts. COs are backed by tax revenue, fee revenues or a combination of the two.

**CIP.** The Capital Improvement Program identifies capital projects and equipment purchases and identifies options for financing for future fiscal years.

**Community Partnership Committee.** The duties and purpose of the Committee shall be to monitor allocation and use of hotel occupancy tax funds, ensuring funds are being used to directly promote tourism and the hotel/convention industry and to recommend organizations to receive funding to City Council. The Committee shall also monitor allocation and use of City sponsorship funds and recommend organizations to receive sponsorship funding to City Council.

**COST.** Cost of Service Transfer.

**Council Mobility Committee.** The duties and purpose of the Committee shall be to review, consider and make recommendations to the City Council regarding any changes to the Mobility Plan, local transportation policy, and any items concerning regional transportation policies and activities.

**Current Taxes.** Taxes that are levied and due within one year.

**CWA 319 Grant.** Nonpoint Source Water Quality Management Planning Implementation Grant.

**DCTA.** Denton County Transportation Authority.

# Glossary

**Debt Service.** The City's obligation to pay the principal and interest of all bonds and other debt instruments according to a pre-determined payment schedule.

**Deficit.** (1) The excess of the liabilities of a fund over its assets. (2) The excess of expenditures over revenues during an accounting period; or, in the case of proprietary funds, the excess of expense over income during an accounting period.

**DME.** Denton Municipal Electric.

**DMU.** Denton Municipal Utilities.

**Department.** An administrative segment of the City, which indicates management responsibility for one functional area. Departments are the basic units of the budget upon which divisions are composed.

**Division.** An administrative segment of the City, which indicates management responsibility for an operation or a group of related activities within a functional area.

**Downtown Denton Tax Increment Financing Reinvestment Zone Board.** Makes recommendations to the City Council concerning the administration of the Zone; prepares and adopts a project plan and Tax Increment Financing Reinvestment Zone financing plan for the Zone and submits the plans to the City Council for approval; prepares, implements and monitors such project and financing plans for the Tax Increment Financing Reinvestment Zone as the City Council considers advisable including the submission of an annual report on the status of the Zone.

**Encumbrances.** Commitments related to unperformed (executory) contracts for goods or services. When the contract is executed and the account is paid they cease to be encumbrances.

**Enterprise Fund.** A fund established to account for operations (a) that are financed and operated in a manner similar to private business enterprises where the intent of the governing body is that the costs (expenses, including depreciation) for providing goods or services to the general public on a continuing basis be financed or recovered primarily through user charges; or (b) where the governing body has decided that periodic determination of revenues earned, expenses incurred, and/or net income is appropriate for capital maintenance, public policy, management control, accountability, or other purposes. Examples of Enterprise Funds are those for water, gas, and electric utilities; swimming pools; airports; parking garages; and transit systems.

**Expenditure.** This term refers to the outflow of funds paid or to be paid for an asset obtained or goods and services obtained regardless of when the expense is actually paid. This term applies to all funds. Note: An encumbrance is not an expenditure. An encumbrance reserves funds to be expended.

**Expenses.** Charges incurred (whether paid immediately or unpaid) for operation, maintenance, interest and other charges.

**Federal Energy Regulatory Commission (FERC).** This is the federal commission governing public utilities and licensing. The commission sets the standards and guidelines for accounting and reporting.

**Fiscal Year.** The time period designated by the City signifying the beginning and ending period for recording financial transactions. The City of Denton has specified October 1 to September 30 as its fiscal year.

**Fixed Assets.** Assets of a long term character which are intended to continue to be held or used, such as land, buildings, improvements, and infrastructure.

**Franchise Fee.** This is a charge paid for the use of City streets and public right of way and is in lieu of all other municipal charges, fees, street rentals, pipe taxes or rentals, easement or other like franchise fees, inspections, fees, and/or charges of every kind except only Ad Valorem and special assessment taxes for public improvements (e.g., gas, telephone, cable TV, and banks).

# Glossary

**Full-time Equivalent (FTE).** A unit of measure based on the number of hours that an employee works during the fiscal year. One FTE is equal to 2080 hours.

**Function.** A group of related activities aimed at accomplishing a major service or regulatory program for which a government is responsible.

**Fund.** An accounting entity that has a set of self-balancing accounts and that records all financial transactions for specific activities or government functions. Eight commonly used funds in public accounting are: general fund, special revenue funds, debt service funds, capital project funds, enterprise funds, trust and agency funds, internal service funds, and special assessment funds.

**Fund Balance.** Fund balance is the difference between assets, liabilities, deferred outflows of resources, and deferred inflows of resources and is therefore also known as surplus funds. See Non-spendable Fund Balance, Restricted Fund Balance, Committed Fund Balance, Assigned Fund Balance, and Unassigned Fund Balance.

**General Fund.** The fund used to account for all financial resources except those accounted for in another fund.

**General Obligation Bonds.** Bonds that finance a variety of public projects, such as streets, buildings, and improvements. The repayment of these bonds is usually made from the General Debt Service Fund, and these bonds are backed by the full faith and credit of the issuing government.

**Generally Accepted Accounting Principles (GAAP).** Uniform minimum standards of and guidelines to financial accounting and reporting. They govern the form and content of the basic financial statements of an entity. They encompass the conventions, rules, and procedures necessary to define accepted accounting practice at a particular time. They include not only broad guidelines of general application, but also detailed practices and procedures. They provide a standard by which to measure financial presentations.

**GFOA.** Government Finance Officers Association.

**GFOAT.** Government Finance Officers Association of Texas.

**GO.** General Obligation.

**Governmental Funds.** Those funds through which most governmental functions typically are financed. The acquisition, use and financial resources and the related current liabilities are accounted for through governmental funds (General, Special Revenue, General Debt Service, and Capital Projects).

**Grants.** Contributions or gifts of cash or other assets from another government to be used or expended for a specified purpose, activity, or facility.

**Hotel/Motel Tax.** A tax levied upon the cost of occupancy of any room or space furnished by any hotel where such costs of occupancy is at the rate of two dollars (\$2.00) or more per day. The law authorizes a room tax of not more than seven percent (7%) of the consideration paid by the occupant of such room to the hotel. This is budgeted in the Tourist and Convention Fund.

**Income.** A term used in proprietary fund type accounting to represent (1) revenues or (2) the excess of revenues over expenses.

**Infrastructure.** The basic physical and organizational structures and facilities (e.g., buildings, roads, and power supplies) needed for the operation of a society or enterprise.

**Inter-fund Transfers.** Amounts transferred from one fund to another to recover the charge for administrative services.

**Internal Service Fund.** Funds used to account for the financing of goods or services provided by one department to another department on a cost reimbursement basis (for example, the Technology Services Fund and the Materials Management Fund).

# Glossary

**Investments.** Securities and real estate held for the production of revenues in the form of interest, dividends, rentals, or lease payments. The term does not include fixed assets used in governmental operations.

**KDB.** Keep Denton Beautiful.

**Levy.** (Verb) To impose taxes, special assessments, or service charges for the support of governmental activities. (Noun) The total amount of taxes, special assessments, or service charges imposed by a government.

**Liability.** A liability is a present obligation to sacrifice resources or future resources that a government has little or no discretion to avoid.

**Library Board.** Serves in an advisory capacity to the City Council to recommend policies, rules, and regulations for the operation of the library system. The Board also provides citizen input to the City Council and recommends fees for Council consideration.

**Long Term Debt.** Debt with a maturity of more than one year after the date of issuance.

**Major Fund.** Major funds are funds whose revenues, expenditures, assets, or liabilities are at least ten percent of corresponding totals for all governmental or enterprise funds and at least five percent of the aggregate amount for all governmental and enterprise funds. They are reported as a separate column in the basic financial statements and each subject to a separate opinion in the independent auditor's report.

**Minor Fund.** Minor funds are funds whose revenues, expenditures, assets, or liabilities are below ten percent of corresponding totals for all governmental or enterprise funds and below five percent of the aggregate amount for all governmental and enterprise funds. They are reported in aggregate in the basic financial statements and subject to a single opinion in the independent auditor's report.

**Mission.** A summary of the aims and values of a company, organization, or individual.

**Non-spendable Fund Balance.** Fund balance amounts which are not in a spendable form (such as inventory) or are legally or contractually required to be maintained intact.

**Object Code.** Expenditure classification according to the types of items purchased or services obtained; for example, personal services, materials & supplies, and operations.

**Operating Budget.** Plans of current expenditures and the proposed means of financing them. The annual operating budget (or, in the case of some states governments, the biennial operating budget) is the primary means by which most of the financing acquisition, spending, and service delivery activities of a government are controlled. The use of annual operating budgets is usually required by law. Even where not required by law, however, annual operating budgets are essential to sound financial management and should be adopted by every government.

**Operating Expenses.** Fund expenses which are directly related to the fund's primary service activities.

**Operating Grants.** Grants which are restricted by the grantor to operating purposes or which may be used for either capital or operating purposes at the discretion of the grantee.

**Operating Income.** The excess of fund operating revenues over operating expenses.

**Operating Revenues.** Fund revenues, which are directly related to the fund's primary service activities. They consist primarily of user charges for services.

**Operating Transfers.** All inter-fund transfers other than residual equity transfers.

**Ordinance.** A formal legislative enactment by the governing board of a municipality. If it is not in conflict with any higher form of law, such as a state statute or constitutional provision, it has the full force and effect of law within the boundaries of the municipality to which it applies. The difference between an ordinance and a resolution is that the

# Glossary

latter requires less legal formality and has a lower legal status. Ordinarily, the statutes or charter will specify or imply those legislative actions, which must be by ordinance and those which may be by resolution. Revenue raising measures, such as the imposition of taxes, special assessments and service charges, universally require ordinances.

**Other Financing Sources.** Governmental fund general long term debt proceeds, operating transfers out, and material proceeds of fixed asset dispositions. Such amounts are classified separately from revenues.

**Overlapping Debt.** The proportionate share of the debts of local governments located wholly or in part within the limits of the reporting government, which must be borne by property within each government.

**Parks, Recreation and Beautification Board.** Serves in an advisory capacity to the City Council to recommend improvements to park and recreation programs. The Board is charged to stimulate public interest in the development and maintenance of parks and playgrounds; to promote close cooperation between the City and private citizens so that all park and recreational facilities are used to their maximum benefit; and pursuant to the Charter, make recommendations regarding the appearance, beautification, and environment of the city.

**PCWRP.** Pecan Creek Water Reclamation Plant.

**Program Goals.** Program goals describe the purpose or benefit the division/department plans to provide to the community and/or organizations it serves. Goals identify the end result the division/department desires to achieve with its activities, but goals are often ongoing and may not be achieved in one year.

**Program Objectives.** Program Objectives are quantifiable steps toward accomplishing stated goals. They should have a specific time frame or measurable achievement. Objectives should be able to be reached or completed within the current fiscal year. Objective statements are not required for every activity performed, but should focus on the major steps necessary for achieving established goals.

**Property Tax.** Property taxes are levied on both real and personal property according to the property's valuation and the tax rate.

**Proprietary Fund.** Proprietary funds are Internal Service Funds and Enterprise Funds. See Internal Service Funds and Enterprise Funds.

**Public Art Committee.** Makes recommendations to the Parks, Recreation and Beautification Board and City Council on the commissioning, placing, and the installing of public art; implementation of funding mechanism(s) for public art; effective and efficient management of public art; ongoing maintenance of public art; and the accessioning, deaccessioning, and re-siting of public art.

**Public Utilities Board.** Reviews the department of utilities budget and makes recommendations to the City Council in the format required by the City Manager. The Board is authorized to expend funds for information and advertising. All matters relating to utility policies, capital projects, rates, and the sale and issuance of utility bonds are submitted to the Board for review and recommendation prior to Council consideration. The Public Utilities Board makes recommendations for the Capital Improvement Program pursuant to the provisions in the City Charter.

**RAMP.** Routine Airport Maintenance Program.

**Restricted Fund Balance.** Fund balance amounts constrained to specific purposes by their external providers (such as grants or bondholders), through constitutional provisions, or by enabling legislation.

**Return on Investment.** Return on Investment (ROI) involves the transfer of funds from the Utility System Fund to the General Fund on the discretionary basis, which shall not be more than six percent (6%) of the net investment. Current ROI is based on 3.5% of rate revenue. The intent of the discretionary transfer is to reimburse the citizenry by contributing revenues to the General Fund, thereby easing the ad valorem tax burden.

# Glossary

**Revenue Bonds.** Bonds whose principal and interest are payable exclusively from earnings of an Enterprise Fund. In addition to a pledge of revenues, such bonds sometimes contain a mortgage on the Enterprise Fund's property.

**Revenues.** (1) Increases in governmental fund type net current assets from other than expenditure refunds and residual equity transfers. Under NCGA Statement 1, general long term debt proceeds and operating transfers in are classified as "other financing sources" rather than revenues. (2) Increases in proprietary fund type net total assets from other than expense refunds, capital contributions, and residual equity transfers. Under NCGA Statement 1, operating transfers in are classified separately from revenues.

**ROI.** Return on Investment.

**RTR.** Regional Toll Revenue.

**Sales Tax.** A general "sales tax" is levied on persons and businesses selling merchandise or services in the city limits on a retail basis. The categories for taxation are defined by state law. Monies collected under authorization of this tax is for the use and benefit of the City; however, no city may pledge anticipated revenues from this source to secure the payment of funds or other indebtedness.

**Shared Revenues.** Revenues levied by one government but shared on a pre-determined basis, often in proportion to the amount collected at the local level, with another government or class of governments.

**SHSP.** State Homeland Security Program Grant.

**SHSP-LEAP.** State Homeland Security Program Grant – Law Enforcement Activity Program.

**Special Revenue Fund.** A Special Revenue Fund is a governmental fund that is used to account for the proceeds of specific revenue sources that are restricted or committed for a specific project and purpose, other than debt service or capital projects. Examples of Special Revenue Funds are donations funds, confiscation funds, and grant funds.

**Street Cuts.** These revenues are derived by the Street Department for the repairing of the street following the construction of various utility companies (e.g., gas, telephone, water and sewer).

**Tax Rate.** The amount of tax stated in terms of a unit of the tax base; for example, \$.50 per \$100 (one hundred dollars) assessed valuation of taxable property.

**Tax Rate Limit.** The maximum rate at which a government may levy a tax. The limit may apply to taxes raised for a particular purpose, or to taxes imposed for all purposes, and may apply to a single government, to a class of governments, or to all governments operating in a particular area. Overall tax rate limits usually restrict levies for all purposes and of all governments, state and local, having jurisdiction in a given area.

**Tax Roll.** The official list showing the amount of taxes levied against each taxpayer or property. Frequently, the tax roll and the assessment roll are combined, but even in these cases the two can be distinguished.

**Taxes.** Compulsory charges levied by a government for the purpose of financing services performed for the common benefit. This term does not include specific charges made against particular persons or property for current or permanent benefits such as special assessments. Neither does the term include charges for services rendered only to those paying such charges as, for example, sewer service charges.

**Transfer of Construction Bond Funds.** These revenues are payments to the General Fund from the Bond Fund for General Fund labor expenditures on bond financed projects.

**TMPA.** Texas Municipal Power Association.

**Unassigned Fund Balance.** Any fund balance in excess of non-spendable, restricted, committed, and assigned components; these fund balance amounts that are available for any purpose. These amounts are reported only in the general fund.

## *Glossary*

***Unencumbered Balance.*** The amount of an appropriation that is neither expended nor encumbered. It is essentially the amount of money still available for future purchases.

***Vision.*** An aspirational description of what an organization would like to achieve or accomplish in the mid-term or long-term future. It is intended to serve as a clear guide for choosing current and future courses of action.

***Working Capital.*** Budgeted working capital is calculated as a fund's current assets less current liabilities plus current portion of long-term debt.