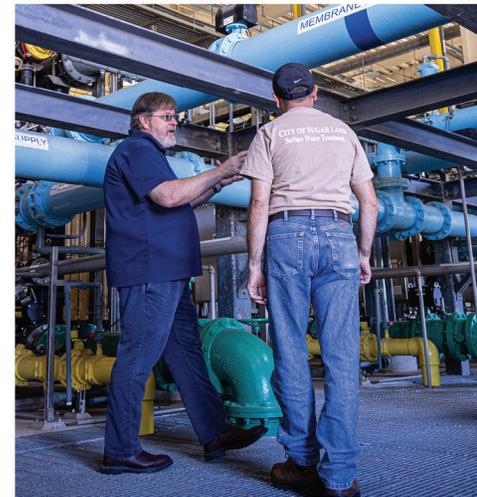




CAPITAL IMPROVEMENT PROGRAM



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**CITY OF SUGAR LAND
2024 - 2028 CAPITAL IMPROVEMENT PROGRAM
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Introduction

The City of Sugar Land's Capital Improvement Program (CIP) was developed in order to further the City's commitment to the citizens of Sugar Land. This program works to meet today's infrastructure needs as well as those of the future. From working on underground water and sewer lines to more visible projects, such as the Animal Shelter or major roadway projects. The five-year CIP addresses the needs of the City through responsible City government and a comprehensive approach that ensures efficient use of public funds.

The CIP is a long-range plan that identifies capital projects, provides a planning schedule, and identifies options for financing the plan. The program provides a link between the City's comprehensive plan, various master plans, the annual budget, and the five-year financial forecast. This organized approach to planning projects should extend beyond the production of a document alone. A centralized CIP is an opportunity to foster cooperation among departments and inform other governmental entities and rating agencies of the City's priorities and future plans. The process of developing a CIP should solidify the support of the citizens of Sugar Land and the City's commitment to carrying out these programs. By going beyond the production of a document, the process and development of a long-term capital improvement program can realize the following benefits:

Focus attention on community goals and needs. Capital projects can be brought into line with the City's objectives, allowing projects to be prioritized based on need. Furthermore, the CIP can be used as an effective tool for achieving the goals set forth in the City's Comprehensive Plan.

Allow for an informed public. The CIP keeps the public informed about the future capital investment plans of the City and allows them to play a more active role in the process.

Encourage more efficient program administration. By enhancing the level of communication among the various departments implementing capital improvement projects, the City is able to better coordinate efforts, avoiding duplication of efforts and potential conflicts. Work can be scheduled and available personnel and equipment can be better utilized when it is known in advance when projects will be undertaken.

Identify the most economically sound means of funding projects. Through proper planning, the need for bond issues or other revenue production measures can be foreseen and action can be taken before the need becomes so critical that emergency financing measures are required. By fiscally constraining the five-year CIP, the City is able to identify projects without a viable funding source and work to put in place sources of funding.

Enhance the City's credit rating. Planning and financial constraint are an essential component to the city's bond rating. By keeping planned projects within the financial capabilities of the City, the City is able to preserve its credit rating and make the City more attractive to businesses and industries. When projects cannot be funded within current resources the plan helps to identify increases needed.

Define the impact of master plans and studies. Master plans conducted by the City help to identify the path forward and define the direction for each particular discipline, whether it is thoroughfare planning, facility planning or water planning. Through proper coordination the necessary planning will lead to successful endeavors as the City grows and the improvements identified become a necessity. The CIP reflects an implementation of plans such as the Integrated Water Resources Plan.

Define future GO Bond Programs – As projects are identified and prepared for voter consideration, inclusion in the five year CIP and financial plan allows them to be ranked and prioritized against other needs and the financial impacts to be more clearly defined.

In the case of Preliminary Engineering Reports (PER), they almost always result in a capital improvement. Until these PERs are completed and ready to move into the design phase of work, potential projects are not included in the CIP. They are conducted in order to provide more information and clarification on future projects to provide more accurate costing measures.

CIP Development Process

The development of a capital improvement program is a continual process and, consequently, should be viewed as a work in progress. While this document covers a five-year planning perspective, it is revised every year in order to accommodate new projects, reflect changes in ongoing projects, and extend the program an additional year. The first year of the plan is incorporated into the annual budget as required by the City’s charter, and funds are appropriated through the budget adoption. Improvements identified in subsequent years are approved only on a planning basis and do not receive any appropriation. Cost estimates for years two through five are presented for planning purposes only, and are used in conjunction with the City’s long-range financial plan. The CIP development process utilizes a “project-ready” approach whereby the scope and budget for a proposed improvement are clearly defined prior to the appropriation of funds for construction.

The City seeks involvement of various stakeholders during the CIP development process because the City recognizes the invested interest in maintaining Sugar Land as a “great place to live and work.” The City considers input from citizens, the Planning and Zoning Commission, City Council and City staff members in the CIP’s preparation.

The majority of the projects included in the five-year CIP have reached the design stage of at least 60 percent completion. If a project has not reached 60 percent design or is in the design phase, typically only the design funding will be shown. There are a few exceptions, mainly for projects that are a result of opportunities that present themselves to the City that are funded from alternate revenue streams, or that are part of a program such as the November 2019 GO Bond election or Integrated Water Resources Plan.

A project list is compiled by the Engineering Department, prioritized by year, and cost estimates assigned. The cost estimates for each project are developed through the following processes:

1. If project estimates are based on consultant’s assessment, study, master plans or staff:

The project will include design and construction contingency for construction administration (CA) and construction material testing (CMT) with a 3 percent inflation factor for the out years. Contingency ranges from 25 percent to 35 percent as the estimates are not based on design or engineering work. Typically, these projects are not included in the CIP except as a placeholder for future year financial planning.

2. If project estimates are based on a PER:

The project will include design and construction contingency for CA and CMT with a 3 percent inflation factor for the out years.

Contingency ranges from 20 percent to 30 percent based on the nature and size of the project.

PER cost estimates are refined in the design phase and the out years are adjusted.

3. If project estimates are based on design:

The project will include design and construction contingency for CA and CMT with a 3 percent inflation factor for the out years.

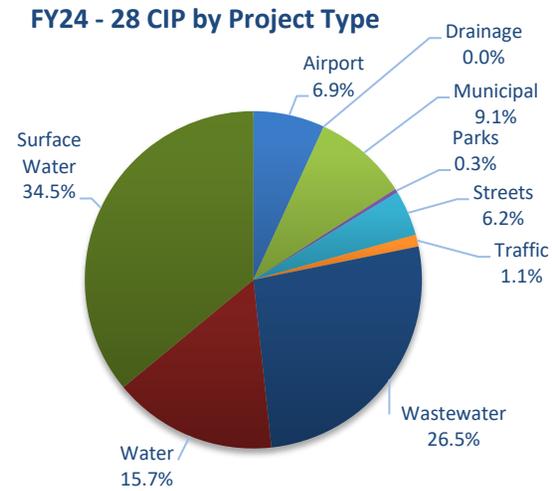
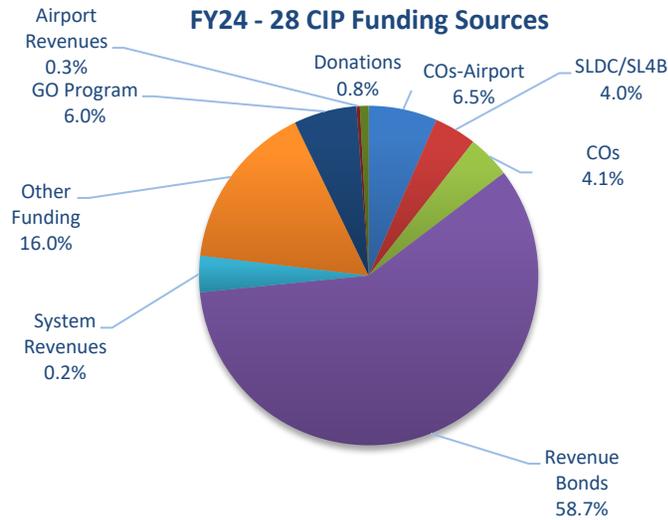
As the project now has the best estimated costs based on design, the contingency for the projects is reduced and ranges from 10 percent to 20 percent, including CA and CMT.

The Budget Office also looks at the overall impact of projects, including the need to issue debt, funding capacity and impact to property taxes and utility rates, and operations and maintenance impact to the City.

City Council is able to weigh citizen's input with staff recommendations to ensure that both are equally considered. The City Council, through budget workshops, reviews the proposed CIP and any recommended changes are incorporated into the final document. A final five-year CIP is then presented with the annual budget for Council consideration and adoption. Upon Council adoption, the five-year CIP document is reproduced and distributed for implementation of the program. Only the first year of the CIP is included in the annual budget for appropriation. The out years are for planning purposes only.

FY2024 - FY2028 CIP

The Five-Year Capital Improvement Program for FY24 to FY28 totals \$289,156,980. Funding for CIP projects are derived from various sources including Revenue Bonds, Certificates of Obligation, 2019 GO Bonds Program, Utility System Revenues, SLDC/SL4B, and Donations. The 2019 GO Bond Program is included in the CIP and project funding was approved by voters November of 2019. The following charts show the funding sources and uses for the five-year CIP:



Fiscal Year 2024 Highlights

Airport: No new Airport projects are planned for FY2024.

Drainage: No new Drainage projects are planned for FY2024.

Municipal projects include: Public Safety & Public Services Building Rehabilitation, Public Safety Supplemental Funding, EOC/Public Safety Dispatch Building, and City Facilities Elevators.

Parks projects include Joint Participation in CIP.

Streets projects include: Soldiers Field Ext to SH6/Roundabout @ First Colony Blvd. & Brooks St Improvement, University Blvd. Widening- Mobility Bond Project, Country Club Blvd. Improvements from Sugar Creek to Chesterfield, and Brazos River Turnaround Alternate - UHSL Roadway.

Surface Water projects include: SWTP Rehab Ph 1 - Chemical System Replacement/Improvements.

Traffic projects include: Landscape Replacement for Major Roadway and Environmental Projects, and Next Gen ITS Detection.

Wastewater projects include: Lift Station 48 Expansion, Wastewater Treatment Plants Improvements, Collection System Rehabilitation Program, Lift Station Rehabilitation Program, Lift Station SCADA Program, Wastewater Forcemain Condition Assessment, and Lift Station Bypass Pumps Rehab.

Water projects include: Ground Storage Tank Rehabilitation, Distribution System Water Main Rehabilitation Program, SCADA Improvements, Ground Water Plant Rehabilitation, Well Rehabilitation, GWP Emergency Generator – RAD Maintenance Program, Capital Recovery Fee Study, Elevated Storage Tank Rehabilitation, and Groundwater Plant Generator Replacement.

How to Use This Document

The Capital Improvement Program document is organized by project type. Each project type includes information on existing projects that will carry over into fiscal year 2024, and projects that are anticipated for funding in 2024-2028. Due to the nature of capital projects, the life of a project may span across fiscal years. As funds are designated for a project, they are accumulated in the appropriate capital fund and expended as the project progresses. When the funds are not spent in one year, they remain in the fund balance to be used in the future. This is also referred to as carryover funds. As the City refines the annual CIP, these carryover projects will be redefined into areas of contractual obligation, and ongoing projects are re-appropriated in the following year to ensure full project funding. The summary section includes total uses and sources of funding, a list of all the projects and project numbers and amounts for each year. Detailed project descriptions and justifications follow by project type of each individual project, including the estimated operating expense, project costs, and funding sources.

For clarification in determining project timing, each project has been assigned an alphanumeric CIP number. The first digit identifies that it is a capital project and the second two digits identify what type of project it is:

- CAP = Airport
- CDR = Drainage
- CWW= Wastewater
- CMU = Municipal
- CPK = Parks
- CWA = Water
- CST = Streets
- CTR = Traffic
- CSW = Surface Water

The first two numbers (CDR**21**01) identify the first fiscal year in which the project is planned, and the last two numbers (CDR**2101**) assign a sequential number. If project funding crosses multiple years, the project retains its original fiscal year designator for supplemental funding requests. Project titles provide a brief description of the project. Individual project data sheets include:

Description/Justification: Information about the purpose and scope of the project and explanation of why the project is needed.

Impact on Operating Budget: Estimated increases in annual operational costs as a direct result of the project (not cumulative).

Project Costs/Source of Funds: Details of project expenditures and sources of funding, including prior year funding and sources for the project, FY2028 budgeted appropriations and estimated costs for FY24 - FY28 (or until project completion).

Project Schedule: Estimated project schedule, by month and year for FY28, and by year for future year projects, for the project completion.

Site Information: Location map (if available) indicating the project location.

Other: This section may contain additional information regarding the funding source or status of the project.

**CITY OF SUGAR LAND
2024 - 2028 CAPITAL IMPROVEMENT PROGRAM
TOTAL SUMMARY**

PROJECT TYPE	2024 BUDGET	2025 ESTIMATE	2026 ESTIMATE	2027 ESTIMATE	2028 ESTIMATE	2024-2028 TOTAL
AIRPORT	\$ -	\$ 921,100	\$ 12,610,000	\$ -	\$ 6,298,880	\$ 19,829,980
DRAINAGE	-	-	-	-	-	-
MUNICIPAL	17,600,000	8,750,000	-	-	-	26,350,000
PARKS	200,000	200,000	200,000	200,000	200,000	1,000,000
STREETS	7,000,000	5,640,000	-	-	-	12,640,000
SURFACE WATER	964,000	7,354,000	11,409,000	83,809,000	527,000	104,063,000
TRAFFIC	2,500,000	200,000	200,000	200,000	200,000	3,300,000
WASTEWATER	27,448,000	8,663,000	8,630,000	24,673,000	7,100,000	76,514,000
WATER	6,970,000	9,610,000	11,760,000	9,910,000	7,210,000	45,460,000
TOTAL	\$ 62,682,000	\$ 41,338,100	\$ 44,809,000	\$ 118,792,000	\$ 21,535,880	\$ 289,156,980

SOURCE OF FUNDS	2024 BUDGET	2025 ESTIMATE	2026 ESTIMATE	2027 ESTIMATE	2028 ESTIMATE	2024-2028 TOTAL
CO'S	\$ 11,900,000	\$ -	\$ -	\$ -	\$ -	\$ 11,900,000
CO'S / AIRPORT	-	-	12,610,000	-	6,298,880	18,908,880
AIRPORT REVENUES	-	921,100	-	-	-	921,100
DONATIONS	-	2,400,000	-	-	-	2,400,000
GO BONDS	11,000,000	6,350,000	-	-	-	17,350,000
REVENUE BONDS	20,182,000	23,627,000	29,799,000	83,392,000	12,837,000	169,837,000
SLDC	2,000,000	2,820,000	-	-	-	4,820,000
SL4B	2,400,000	3,220,000	400,000	400,000	400,000	6,820,000
SYSTEM REVENUES	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	10,000,000
OTHER FUNDING SOURCES	13,200,000	-	-	33,000,000	-	46,200,000
TOTAL	\$ 62,682,000	\$ 41,338,100	\$ 44,809,000	\$ 118,792,000	\$ 21,535,880	\$ 289,156,980

**CITY OF SUGAR LAND
2024 - 2028 CAPITAL IMPROVEMENT PROGRAM
TOTAL SUMMARY**

PROJECT TYPE	2024 BUDGET	2025 ESTIMATE	2026 ESTIMATE	2027 ESTIMATE	2028 ESTIMATE	2024-2028 TOTAL
MUNICIPAL	\$ 6,600,000	\$ -	\$ -	\$ -	\$ -	\$ 6,600,000
STREETS	3,000,000	-	-	-	-	3,000,000
TRAFFIC	2,300,000	-	-	-	-	2,300,000
TOTAL - CERTIFICATES OF OBLIGATIONS	\$ 11,900,000	\$ -	\$ -	\$ -	\$ -	\$ 11,900,000

PROJECT TYPE	2024 BUDGET	2025 ESTIMATE	2026 ESTIMATE	2027 ESTIMATE	2028 ESTIMATE	2024-2028 TOTAL
AIRPORT	\$ -	\$ -	\$ 12,610,000	\$ -	\$ 6,298,880	\$ 18,908,880
TOTAL - CERTIFICATES OF OBLIGATIONS/ AIRPORT	\$ -	\$ -	\$ 12,610,000	\$ -	\$ 6,298,880	\$ 18,908,880

PROJECT TYPE	2024 BUDGET	2025 ESTIMATE	2026 ESTIMATE	2027 ESTIMATE	2028 ESTIMATE	2024-2028 TOTAL
AIRPORT	\$ -	\$ 921,100	\$ -	\$ -	\$ -	\$ 921,100
TOTAL - AIRPORT REVENUES	\$ -	\$ 921,100	\$ -	\$ -	\$ -	\$ 921,100

PROJECT TYPE	2024 BUDGET	2025 ESTIMATE	2026 ESTIMATE	2027 ESTIMATE	2028 ESTIMATE	2024-2028 TOTAL
MUNICIPAL	\$ -	\$ 2,400,000	\$ -	\$ -	\$ -	\$ 2,400,000
TOTAL - DONATIONS	\$ -	\$ 2,400,000	\$ -	\$ -	\$ -	\$ 2,400,000

PROJECT TYPE	2024 BUDGET	2025 ESTIMATE	2026 ESTIMATE	2027 ESTIMATE	2028 ESTIMATE	2024-2028 TOTAL
MUNICIPAL	\$ 11,000,000	\$ 6,350,000	\$ -	\$ -	\$ -	\$ 17,350,000
TOTAL - GO BONDS	\$ 11,000,000	\$ 6,350,000	\$ -	\$ -	\$ -	\$ 17,350,000

PROJECT TYPE	2024 BUDGET	2025 ESTIMATE	2026 ESTIMATE	2027 ESTIMATE	2028 ESTIMATE	2024-2028 TOTAL
WASTEWATER	\$ 13,248,000	\$ 7,663,000	\$ 7,630,000	\$ 23,673,000	\$ 6,100,000	\$ 58,314,000
WATER	5,970,000	8,610,000	10,760,000	8,910,000	6,210,000	40,460,000
SURFACE WATER	964,000	7,354,000	11,409,000	50,809,000	527,000	71,063,000
TOTAL - REVENUE BONDS	\$ 20,182,000	\$ 23,627,000	\$ 29,799,000	\$ 83,392,000	\$ 12,837,000	\$ 169,837,000

**CITY OF SUGAR LAND
2024 - 2028 CAPITAL IMPROVEMENT PROGRAM
TOTAL SUMMARY**

PROJECT TYPE	2024 BUDGET	2025 ESTIMATE	2026 ESTIMATE	2027 ESTIMATE	2028 ESTIMATE	2024-2028 TOTAL
STREETS	\$ 2,000,000	\$ 2,820,000	\$ -	\$ -	\$ -	\$ 4,820,000
TOTAL - SUGAR LAND DEVELOPMENT CORPORATION	\$ 2,000,000	\$ 2,820,000	\$ -	\$ -	\$ -	\$ 4,820,000

PROJECT TYPE	2024 BUDGET	2025 ESTIMATE	2026 ESTIMATE	2027 ESTIMATE	2028 ESTIMATE	2024-2028 TOTAL
PARKS	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 1,000,000
STREETS	2,000,000	2,820,000	-	-	-	4,820,000
TRAFFIC	200,000	200,000	200,000	200,000	200,000	1,000,000
TOTAL - SUGAR LAND 4B CORPORATION	\$ 2,400,000	\$ 3,220,000	\$ 400,000	\$ 400,000	\$ 400,000	\$ 6,820,000

PROJECT TYPE	2024 BUDGET	2025 ESTIMATE	2026 ESTIMATE	2027 ESTIMATE	2028 ESTIMATE	2024-2028 TOTAL
WASTEWATER	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 5,000,000
WATER	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	5,000,000
TOTAL - SYSTEM REVENUES	\$ 2,000,000	\$ 10,000,000				

PROJECT TYPE	2024 BUDGET	2025 ESTIMATE	2026 ESTIMATE	2027 ESTIMATE	2028 ESTIMATE	2024-2028 TOTAL
WASTEWATER	13,200,000	-	-	-	-	13,200,000
SURFACE WATER	-	-	-	33,000,000	-	33,000,000
TOTAL - OTHER FUNDING SOURCES	\$ 13,200,000	\$ -	\$ -	\$ 33,000,000	\$ -	\$ 46,200,000

CITY OF SUGAR LAND
2024 - 2028 CAPITAL IMPROVEMENT PROGRAM
SUMMARY BY FUNDING SOURCES

PROJECT NO.	PROJECT NAME	2024 BUDGET	2025 ESTIMATE	2026 ESTIMATE	2027 ESTIMATE	2028 ESTIMATE	2024-2028 TOTAL
CMU2204	Public Safety Supplemental Funding	\$ 6,100,000	\$ -	\$ -	\$ -	\$ -	\$ 6,100,000
CMU2401	City Facilities Elevators	500,000	-	-	-	-	500,000
CST1901	Soldiers Field Ext to SH6/Roundabout @ First Colony Blvd. & Brooks St Improvement	1,100,000	-	-	-	-	1,100,000
CST2203	University Blvd. Widening- Mobility Bond Project (Intersection Improvements)	900,000	-	-	-	-	900,000
CST2401	Country Club Blvd. Improvements from Sugar Creek to Chesterfield	1,000,000	-	-	-	-	1,000,000
CTR2402	Next Gen ITS Detection	2,300,000	-	-	-	-	2,300,000
	TOTAL - CERTIFICATES OF OBLIGATION	\$ 11,900,000	\$ -	\$ -	\$ -	\$ -	\$ 11,900,000

PROJECT NO.	PROJECT NAME	2024 BUDGET	2025 ESTIMATE	2026 ESTIMATE	2027 ESTIMATE	2028 ESTIMATE	2024-2028 TOTAL
CAP2301	Runway Reconstruction Project	\$ -	\$ -	\$ 10,000,000	\$ -	\$ -	\$ 10,000,000
CAP2501	New Fuel Farm Design and Construction	-	-	2,080,000	-	-	2,080,000
CAP2503	Terminal Apron Expansion	-	-	-	-	6,298,880	6,298,880
CAP2601	Admin Building & Terminal Renovation	-	-	530,000	-	-	530,000
	TOTAL - CERTIFICATES OF OBLIGATIONS/AIRPORT	\$ -	\$ -	\$ 12,610,000	\$ -	\$ 6,298,880	\$ 18,908,880

PROJECT NO.	PROJECT NAME	2024 BUDGET	2025 ESTIMATE	2026 ESTIMATE	2027 ESTIMATE	2028 ESTIMATE	2024-2028 TOTAL
CMU1908	Animal Shelter	\$ -	\$ 6,350,000	\$ -	\$ -	\$ -	\$ 6,350,000
CMU2202	Public Safety & Public Services Building Rehabilitation	1,000,000	-	-	-	-	1,000,000
CMU2301	EOC/Public Safety Dispatch Building	10,000,000	-	-	-	-	10,000,000
	TOTAL - GO BONDS	\$ 11,000,000	\$ 6,350,000	\$ -	\$ -	\$ -	\$ 17,350,000

**CITY OF SUGAR LAND
2024 - 2028 CAPITAL IMPROVEMENT PROGRAM
SUMMARY BY FUNDING SOURCES**

PROJECT NO.	PROJECT NAME	2024 BUDGET	2025 ESTIMATE	2026 ESTIMATE	2027 ESTIMATE	2028 ESTIMATE	2024-2028 TOTAL
CWW2003	Wastewater Treatment Plants Improvements (North Plant)	\$ -	\$ 2,533,000	\$ -	\$ 18,993,000	\$ -	\$ 21,526,000
CWW2301	Lift Station 48 (MUD 136 Reg. LS#1)	6,448,000	-	-	-	-	6,448,000
CWW2303	Wastewater Treatment Plants Improvements	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	7,500,000
CWW2304	Collection System Rehabilitation Program	2,800,000	300,000	2,800,000	300,000	2,800,000	9,000,000
CWW2401	Lift Station Rehabilitation Program	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	7,500,000
CWW2402	Lift Station SCADA Program	200,000	1,280,000	1,280,000	1,080,000	-	3,840,000
CWW2403	Wastewater Forcemain Condition Assessment	250,000	250,000	250,000	-	-	750,000
CWW2404	Lift Station Bypass Pumps Rehab	550,000	300,000	300,000	300,000	300,000	1,750,000
CSW2001	Surface Water Treatment Plant Expansion	-	-	3,500,000	26,805,000	-	30,305,000
CSW2002	Surface Water Transmission Lines	-	-	2,000,000	14,131,000	-	16,131,000
CSW2101	Groundwater Plant Surface Water Conversion	-	-	1,050,000	9,873,000	-	10,923,000
CSW2401	SWTP Rehab Ph 1 - Chemical System Replacement/Improvements	964,000	6,425,000	-	-	-	7,389,000
CSW2501	SWTP Rehab Ph 2 - Chemical System Replacement/Improvements	-	429,000	4,859,000	-	-	5,288,000
CSW2502	IWRP Update	-	500,000	-	-	-	500,000
CSW2801	North WWTP Reuse PER	-	-	-	-	527,000	527,000
CWA2401	Distribution System Water Main Rehabilitation Program	300,000	2,800,000	300,000	2,800,000	300,000	6,500,000
CWA2402	Ground Storage Tank Rehabilitation	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	6,000,000
CWA2403	SCADA Improvements	380,000	380,000	380,000	380,000	380,000	1,900,000
CWA2404	Ground Water Plant Rehabilitation	2,160,000	2,160,000	2,160,000	2,160,000	2,160,000	10,800,000
CWA2405	Well Rehabilitation	870,000	870,000	870,000	870,000	870,000	4,350,000
CWA2406	GWP Emergency Generator - RAD Maintenance Program	200,000	500,000	-	-	-	700,000
CWA2407	Capital Recovery Fee Study	60,000	-	-	-	-	60,000
CWA2408	Elevated Storage Tank Rehabilitation	200,000	-	-	-	-	200,000
CWA2409	Groundwater Plant Generator Replacement	600,000	-	650,000	650,000	650,000	2,550,000
CWA2501	Groundwater Building Improvements	-	200,000	-	200,000	-	400,000
CWA2502	Water System Improvements - Greatwood	-	500,000	4,500,000	-	-	5,000,000
CWA2601	Groundwater Plant RAD Replacement	-	-	700,000	650,000	650,000	2,000,000
	TOTAL - REVENUE BONDS	\$ 20,182,000	\$ 23,627,000	\$ 29,799,000	\$ 83,392,000	\$ 12,837,000	\$ 169,837,000

**CITY OF SUGAR LAND
2024 - 2028 CAPITAL IMPROVEMENT PROGRAM
SUMMARY BY FUNDING SOURCES**

PROJECT NO.	PROJECT NAME	2024 BUDGET	2025 ESTIMATE	2026 ESTIMATE	2027 ESTIMATE	2028 ESTIMATE	2024-2028 TOTAL
CST2402	Brazos River Turnaround Alternate - UHSL Roadway	\$ 2,000,000	\$ 2,820,000	\$ -	\$ -	\$ -	\$ 4,820,000
	TOTAL - SUGAR LAND DEVELOPMENT CORPORATION	\$ 2,000,000	\$ 2,820,000	\$ -	\$ -	\$ -	\$ 4,820,000

PROJECT NO.	PROJECT NAME	2024 BUDGET	2025 ESTIMATE	2026 ESTIMATE	2027 ESTIMATE	2028 ESTIMATE	2024-2028 TOTAL
CPK2401	Joint Participation in CIP	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 1,000,000
CST2402	Brazos River Turnaround Alternate - UHSL Roadway	2,000,000	2,820,000	-	-	-	4,820,000
CTR2301	Landscape Replacement for Major Roadway and Environmental Projects	200,000	200,000	200,000	200,000	200,000	1,000,000
	TOTAL - SUGAR LAND 4B CORPORATION	\$ 2,400,000	\$ 3,220,000	\$ 400,000	\$ 400,000	\$ 400,000	\$ 6,820,000

PROJECT NO.	PROJECT NAME	2024 BUDGET	2025 ESTIMATE	2026 ESTIMATE	2027 ESTIMATE	2028 ESTIMATE	2024-2028 TOTAL
CWW2401	Lift Station SCADA Program	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 5,000,000
CWA2405	Well Rehabilitation	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	5,000,000
	TOTAL - SYSTEM REVENUES	\$ 2,000,000	\$ 10,000,000				

CITY OF SUGAR LAND
 2024 - 2028 CAPITAL IMPROVEMENT PROGRAM
 SUMMARY BY FUNDING SOURCES

PROJECT NO.	PROJECT NAME	2024 BUDGET	2025 ESTIMATE	2026 ESTIMATE	2027 ESTIMATE	2028 ESTIMATE	2024-2028 TOTAL
CMU1908	Animal Shelter	\$ -	\$ 2,400,000	\$ -	\$ -	\$ -	\$ 2,400,000
	TOTAL - DONATIONS	\$ -	\$ 2,400,000	\$ -	\$ -	\$ -	\$ 2,400,000

PROJECT NO.	PROJECT NAME	2024 BUDGET	2025 ESTIMATE	2026 ESTIMATE	2027 ESTIMATE	2028 ESTIMATE	2024-2028 TOTAL
CAP2501	New Fuel Farm Design and Construction	-	100,000	-	-	-	100,000
CAP2502	Rental Car Parking Lot Expansion	-	178,500	-	-	-	178,500
CAP2503	Terminal Apron Expansion	-	642,600	-	-	-	642,600
	TOTAL - AIRPORT REVENUES	\$ -	\$ 921,100	\$ -	\$ -	\$ -	\$ 921,100

PROJECT NO.	PROJECT NAME	2024 BUDGET	2025 ESTIMATE	2026 ESTIMATE	2027 ESTIMATE	2028 ESTIMATE	2024-2028 TOTAL
CWW2309	Tract 2 Wastewater Improvements	\$ 13,200,000	\$ -	\$ -	\$ -	\$ -	\$ 13,200,000
CSW2001	Surface Water Treatment Plant Expansion	-	-	-	33,000,000	-	33,000,000
	TOTAL - OTHER FUNDING	\$ 13,200,000	\$ -	\$ -	\$ 33,000,000	\$ -	\$ 46,200,000

TOTAL CIP FUNDING		62,682,000	41,338,100	44,809,000	118,792,000	21,535,880	289,156,980
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**CITY OF SUGAR LAND
2024 - 2028 CAPITAL IMPROVEMENT PROGRAM
AIRPORT**

PROJECT NO.	PROJECT NAME	PRIOR FUNDING	2024 BUDGET	2025 ESTIMATE	2026 ESTIMATE	2027 ESTIMATE	2028 ESTIMATE	2024-2028 TOTAL
CAP1201	Parallel Taxiway Relocation & Hangars ALD#4 and ALD#11	\$ 6,410,515	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
CAP2301	Runway Reconstruction Project	1,265,000	-	-	10,000,000	-	-	10,000,000
CAP2401	Hangar Purchase	2,100,000	-	-	-	-	-	-
CAP2501	New Fuel Farm Design and Construction	-	-	100,000	2,080,000	-	-	2,180,000
CAP2502	Rental Car Parking Lot Expansion	-	-	178,500	-	-	-	178,500
CAP2503	Terminal Apron Expansion	-	-	642,600	-	-	6,298,880	6,941,480
CAP2601	Admin Building & Terminal Renovation	-	-	-	530,000	-	-	530,000
	TOTAL FUNDING	\$ 9,775,515	\$ -	\$ 921,100	\$ 12,610,000	\$ -	\$ 6,298,880	\$ 19,829,980

SOURCE OF FUNDS	PRIOR FUNDING	2024 BUDGET	2025 ESTIMATE	2026 ESTIMATE	2027 ESTIMATE	2028 ESTIMATE	2024-2028 TOTAL
General Revenue	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -
CO's	6,431,131	-	-	12,610,000	-	6,298,880	18,908,880
SLDC	-	-	-	-	-	-	-
SL4B	-	-	-	-	-	-	-
Airport Revenues	3,344,414	-	921,100	-	-	-	921,100
Systems Revenue	-	-	-	-	-	-	-
Tourism Fund	-	-	-	-	-	-	-
Other Funding	-	-	-	-	-	-	-
TOTAL	\$ 9,775,545	\$ -	\$ 921,100	\$ 12,610,000	\$ -	\$ 6,298,880	\$ 19,829,980

CITY OF SUGAR LAND
 2024 - 2028 CAPITAL IMPROVEMENT PROGRAM
 SUMMARY BY FUNDING SOURCES - AIRPORT

PROJECT NAME	2024 BUDGET	2025 ESTIMATE	2026 ESTIMATE	2027 ESTIMATE	2028 ESTIMATE	2024-2028 TOTAL
Runway Reconstruction Project	\$ -	\$ -	\$ 10,000,000	\$ -	\$ -	\$ 10,000,000
New Fuel Farm Design and Construction	-	-	2,080,000	-	-	2,080,000
Terminal Apron Expansion	-	-	-	-	6,298,880	6,298,880
Admin Building & Terminal Renovation	-	-	530,000	-	-	530,000
TOTAL - CERTIFICATES OF OBLIGATIONS/AIRPORT	\$ -	\$ -	\$ 12,610,000	\$ -	\$ 6,298,880	\$ 18,908,880

CITY OF SUGAR LAND
2024 - 2028 CAPITAL IMPROVEMENT PROGRAM
SUMMARY BY FUNDING SOURCES - AIRPORT

PROJECT NAME	2024 BUDGET	2025 ESTIMATE	2026 ESTIMATE	2027 ESTIMATE	2028 ESTIMATE	2024-2028 TOTAL
New Fuel Farm Design and Construction	\$ -	\$ 100,000	\$ -	\$ -	\$ -	\$ 100,000
Rental Car Parking Lot Expansion	-	178,500	-	-	-	178,500
Terminal Apron Expansion	-	642,600	-	-	-	642,600
TOTAL - AIRPORT REVENUES/AIRPORT	\$ -	\$ 921,100	\$ -	\$ -	\$ -	\$ 921,100

**CITY OF SUGAR LAND
2024 - 2028 CAPITAL IMPROVEMENT PROGRAM
Airport**

PROJECT NO. CAP1201	PROJECT TITLE Parallel Taxiway Relocation and Hangars ALD #4 and ALD #11
-------------------------------	--

DESCRIPTION
Construction of a new Taxiway "A" and replacement for the existing corporate hangars. Also, relocate a portion of the airport perimeter road including drainage, grading, paving, lighting, signage and gate/fencing installation.

JUSTIFICATION
This project will ensure airport control of the 186 ft. wide Taxiway Object Free Area (TWOFA) plus 30 ft. outside of the TWOFA, as required by FAA regulations. This project will provide the space needed for the existing customers to store their aircraft and provide a safer environment for aircraft to operate by enhancing the runway and taxiway safety areas to FAA current standards.

IMPACT ON OPERATING BUDGET					
Expenditures	2024	2025	2026	2027	2028
Personnel	0	0	0	0	0
Operating	0	0	0	0	0
Capital	0	0	0	0	0
GRAND TOTAL	\$ 0				

PROJECT COSTS	Project Budget To Date	FISCAL YEAR PLAN					Project Total
		BUDGET	PLANNED				
		2024	2025	2026	2027	2028	
Analysis/Study/Assessment							
Preliminary Engineering Design							
Design							
Construction	6,410,545	0	0	0	0	0	\$ 6,410,545
Land/ROW							
Furniture, Fixtures, Equipment							
Contingency							
GRAND TOTAL	\$ 6,410,545	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 6,410,545

SOURCE OF FUNDS	Project Budget To Date	FISCAL YEAR PLAN					Project Total
		BUDGET	PLANNED				
		2024	2025	2026	2027	2028	
CO's	5,166,131	0	0	0	0	0	\$ 5,166,131
Airport Revenues	1,244,414	0	0	0	0	0	\$ 1,244,414
GRAND TOTAL	\$ 6,410,545	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 6,410,545

PROJECT SCHEDULE	START	END
Analysis/Study/Assessment		
Preliminary Engineering Design		
Design		
Construction	Jan-14	Jun-24
Land/ROW		
Furniture, Fixtures, Equipment		

OTHER:
The original budget was set in 2011 with the original taxiway relocation project, and since then inflation has impacted the cost of the final reconstruction. The \$1.8M is for additional construction costs that are needed to build the hangar.



City Goal:	Safest City
Reference:	Airport Layout Plan/Business Plan
Project Manager:	Airport/TxDOT Aviation
Estimator:	Airport/TxDOT Aviation

**CITY OF SUGAR LAND
2024 - 2028 CAPITAL IMPROVEMENT PROGRAM
Airport**

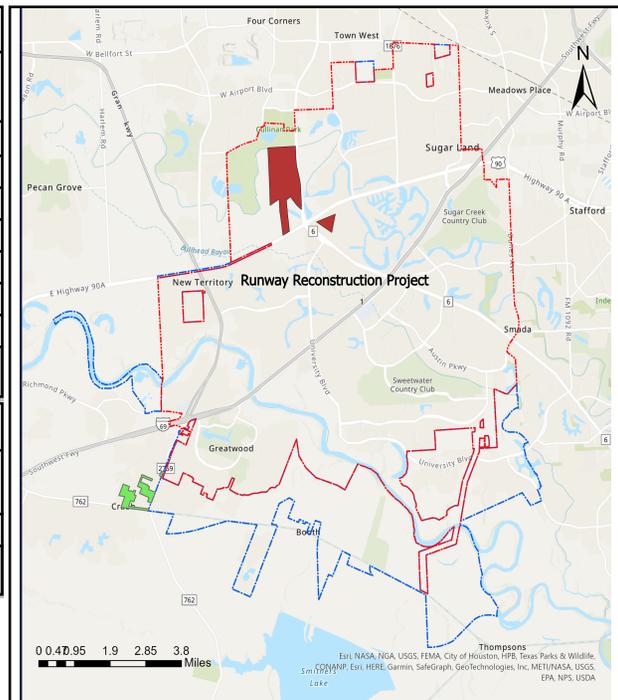
PROJECT NO. CAP2301	PROJECT TITLE Runway Reconstruction Project
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DESCRIPTION Rubbleization of existing Runway concrete and recycle material in place. Install 9" of asphalt on top of rubbleized surface course, 5" base course, and 4" surface course. Install new pavement markings associated with threshold locations, airfield signage, and lighting. Groove Runway pavement to improve drainage and aircraft braking.
JUSTIFICATION Reconstruct Runway 17-35 pavement with a design that is compatible with current fleet mix and critical aircraft. Make improvements to the west side to comply with FAA Airport design standards regarding runway safety. Minimize delays by being strategic in the way the project is phased and coordinate any closures with tenants.

IMPACT ON OPERATING BUDGET					
Expenditures	2024	2025	2026	2027	2028
Personnel	0	0	0	0	0
Operating	0	0	0	0	0
Capital	0	0	0	0	0
GRAND TOTAL	\$ 0				

PROJECT COSTS	Project Budget To Date	FISCAL YEAR PLAN					Project Total
		BUDGET	PLANNED				
		2024	2025	2026	2027	2028	
Analysis/Study/Assessment							
Preliminary Engineering Design							
Design	1,265,000	0	0	0	0	0	\$ 1,265,000
Construction	0	0	0	10,000,000	0	0	\$ 10,000,000
Land/ROW							
Furniture, Fixtures, Equipment							
Contingency							
GRAND TOTAL	\$ 1,265,000	\$ 0	\$ 0	\$ 10,000,000	\$ 0	\$ 0	\$ 11,265,000

SOURCE OF FUNDS	Project Budget To Date	FISCAL YEAR PLAN					Project Total
		BUDGET	PLANNED				
		2024	2025	2026	2027	2028	
CO's	1,265,000	0	0	10,000,000	0	0	\$ 11,265,000
GRAND TOTAL	\$ 1,265,000	\$ 0	\$ 0	\$ 10,000,000	\$ 0	\$ 0	\$ 11,265,000



PROJECT SCHEDULE	START	END
Analysis/Study/Assessment		
Preliminary Engineering Design		
Design	Aug-23	May-24
Construction	Jan-26	Jul-27
Land/ROW		
Furniture, Fixtures, Equipment		

OTHER:


CITY OF SUGAR LAND
FY 23-27 AIRPORT CIP PROJECT


City Goal:	Strong Local Economy
Reference:	Airport Development Plan
Project Manager:	Airport
Estimator:	Airport

**CITY OF SUGAR LAND
2024 - 2028 CAPITAL IMPROVEMENT PROGRAM
Airport**

PROJECT NO. CAP2401	PROJECT TITLE Hangar Purchase
-------------------------------	---

DESCRIPTION A tenant at the airport is selling their private hangar located on the north "Charlie" corporate ramp area.
JUSTIFICATION With the nationwide shortage of hangars, this presents a unique opportunity to increase Airport owned hangar space that will allow the airport to increase hangar/office revenue as well as own valuable real estate that could be used as a future investment.

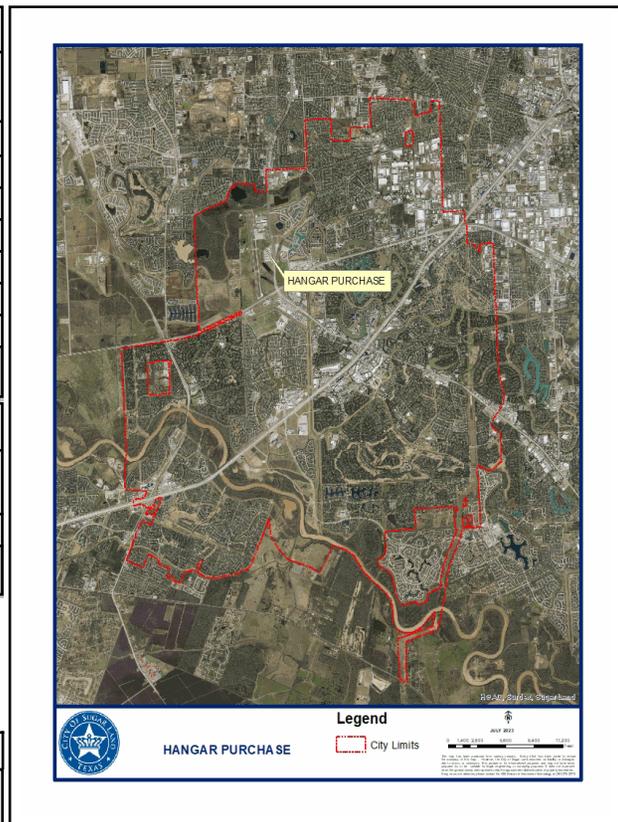
IMPACT ON OPERATING BUDGET					
Expenditures	2024	2025	2026	2027	2028
Personnel	0	0	0	0	0
Operating	0	0	0	0	0
Capital	0	0	0	0	0
GRAND TOTAL	\$ 0				

PROJECT COSTS	Project Budget To Date	FISCAL YEAR PLAN					Project Total
		BUDGET	PLANNED				
		2024	2025	2026	2027	2028	
Analysis/Study/Assessment							
Preliminary Engineering Design							
Design							
Construction	2,100,000	0	0	0	0	0	\$ 2,100,000
Land/ROW							
Furniture, Fixtures, Equipment							
Contingency							
GRAND TOTAL	\$ 2,100,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 2,100,000

SOURCE OF FUNDS	Project Budget To Date	FISCAL YEAR PLAN					Project Total
		BUDGET	PLANNED				
		2024	2025	2026	2027	2028	
Airport Revenues	2,100,000	0	0	0	0	0	\$ 2,100,000
GRAND TOTAL	\$ 2,100,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 2,100,000

PROJECT SCHEDULE	START	END
Analysis/Study/Assessment		
Preliminary Engineering Design		
Design		
Construction		
Land/ROW		
Furniture, Fixtures, Equipment		

OTHER:



City Goal: Strong Local Economy
 Reference:
 Project Manager: Airport
 Estimator: Airport

**CITY OF SUGAR LAND
2024 - 2028 CAPITAL IMPROVEMENT PROGRAM
Airport**

PROJECT NO. CAP2501	PROJECT TITLE New Fuel Farm Design and Construction
-------------------------------	---

DESCRIPTION Design and construct a new fuel farm with increased Jet-A fuel capacity, Avgas, diesel and unleaded fuel storage and fuel management system.
--

JUSTIFICATION Expansion of the fuel system will support fueling of additional aircraft using the airport.

IMPACT ON OPERATING BUDGET					
Expenditures	2024	2025	2026	2027	2028
Personnel	0	0	0	0	0
Operating	0	0	0	0	0
Capital	0	0	0	0	0
GRAND TOTAL	\$ 0				

PROJECT COSTS	Project Budget To Date	FISCAL YEAR PLAN					Project Total
		BUDGET	PLANNED				
		2024	2025	2026	2027	2028	
Analysis/Study/Assessment							
Preliminary Engineering Design							
Design	0	0	100,000	0	0	0	\$ 100,000
Construction	0	0	2,080,000	0	0	0	\$ 2,080,000
Land/ROW							
Furniture, Fixtures, Equipment							
Contingency							
GRAND TOTAL	\$ 0	\$ 0	\$ 100,000	\$ 2,080,000	\$ 0	\$ 0	\$ 2,180,000

SOURCE OF FUNDS	Project Budget To Date	FISCAL YEAR PLAN					Project Total
		BUDGET	PLANNED				
		2024	2025	2026	2027	2028	
CO's	0	0	0	2,080,000	0	0	\$ 2,080,000
Airport Revenues	0	0	100,000	0	0	0	\$ 100,000
GRAND TOTAL	\$ 0	\$ 0	\$ 100,000	\$ 2,080,000	\$ 0	\$ 0	\$ 2,180,000

PROJECT SCHEDULE	START	END
Analysis/Study/Assessment		
Preliminary Engineering Design		
Design	Jan-25	Oct-25
Construction	Jan-26	Jan-27
Land/ROW		
Furniture, Fixtures, Equipment		

OTHER:



City Goal:	Strong Local Economy
Reference:	
Project Manager:	Airport
Estimator:	Airport

**CITY OF SUGAR LAND
2024 - 2028 CAPITAL IMPROVEMENT PROGRAM
Airport**

PROJECT NO. CAP2502	PROJECT TITLE Rental Car Parking Lot Expansion
-------------------------------	--

DESCRIPTION Design and construct parking lot South of the terminal parking lot to increase parking capacity.	IMPACT ON OPERATING BUDGET					
	Expenditures	2024	2025	2026	2027	2028
	Personnel	0	0	0	0	0
	Operating	0	0	0	0	0
	Capital	0	0	0	0	0
JUSTIFICATION Expansion of the parking area will allow the increase of rental car revenue and add capacity to the parking area of the main lot at the airport.	GRAND TOTAL	\$ 0				

PROJECT COSTS	Project Budget To Date	FISCAL YEAR PLAN					Project Total
		BUDGET	PLANNED				
		2024	2025	2026	2027	2028	
Analysis/Study/Assessment							
Preliminary Engineering Design							
Design	0	0	28,500	0	0	0	\$ 28,500
Construction	0	0	150,000	0	0	0	\$ 150,000
Land/ROW							
Furniture, Fixtures, Equipment							
Contingency							
GRAND TOTAL	\$ 0	\$ 0	\$ 178,500	\$ 0	\$ 0	\$ 0	\$ 178,500

SOURCE OF FUNDS	Project Budget To Date	FISCAL YEAR PLAN					Project Total
		BUDGET	PLANNED				
		2024	2025	2026	2027	2028	
Airport Revenues	0	0	178,500	0	0	0	\$ 178,500
GRAND TOTAL	\$ 0	\$ 0	\$ 178,500	\$ 0	\$ 0	\$ 0	\$ 178,500

PROJECT SCHEDULE	START	END
Analysis/Study/Assessment		
Preliminary Engineering Design		
Design	Jan-25	Jun-26
Construction	Sep-26	Dec-26
Land/ROW		
Furniture, Fixtures, Equipment		

OTHER:



City Goal:	Strong Local Economy
Reference:	
Project Manager:	Airport
Estimator:	Airport

**CITY OF SUGAR LAND
2024 - 2028 CAPITAL IMPROVEMENT PROGRAM
Airport**

PROJECT NO. CAP2503	PROJECT TITLE Terminal Apron Expansion
-------------------------------	--

DESCRIPTION
Design and construct two apron extensions from the main terminal ramp. One extension will be on the southwestern side of the main terminal ramp and the second will be on the Northern side of the main terminal ramp.

JUSTIFICATION
The project will increase aircraft parking capacity to service additional aircraft and provide more overnight or overflow aircraft parking. This will lead to increased fuel sales and provide a better customer experience.

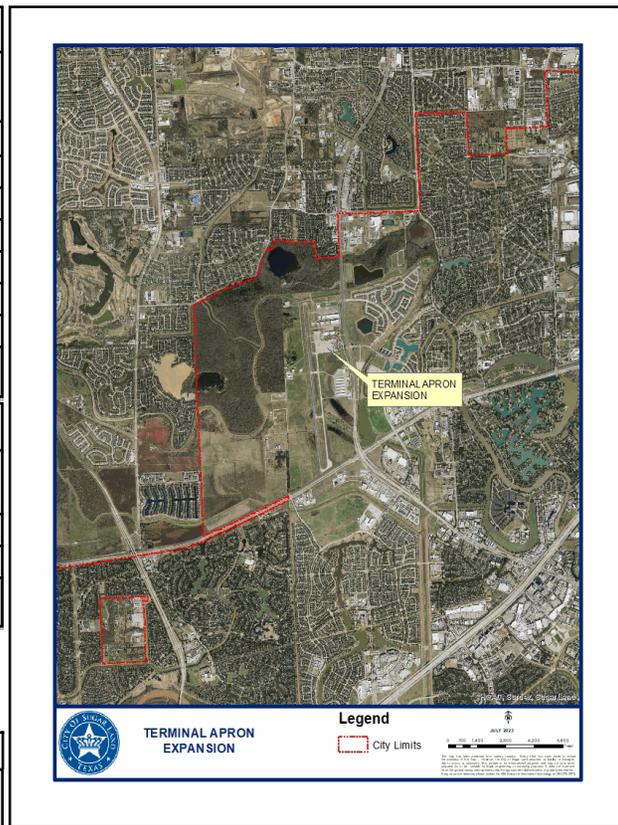
IMPACT ON OPERATING BUDGET					
Expenditures	2024	2025	2026	2027	2028
Personnel	0	0	0	0	0
Operating	0	0	0	0	0
Capital	0	0	0	0	0
GRAND TOTAL	\$ 0				

PROJECT COSTS	Project Budget To Date	FISCAL YEAR PLAN					Project Total
		BUDGET	PLANNED				
		2024	2025	2026	2027	2028	
Analysis/Study/Assessment							
Preliminary Engineering Design							
Design	0	0	642,600	0	0	0	\$ 642,600
Construction	0	0	0	0	0	6,298,880	\$ 6,298,880
Land/ROW							
Furniture, Fixtures, Equipment							
Contingency							
GRAND TOTAL	\$ 0	\$ 0	\$ 642,600	\$ 0	\$ 0	\$ 6,298,880	\$ 6,941,480

SOURCE OF FUNDS	Project Budget To Date	FISCAL YEAR PLAN					Project Total
		BUDGET	PLANNED				
		2024	2025	2026	2027	2028	
CO's	0	0	0	0	0	6,298,880	\$ 6,298,880
Airport Revenues	0	0	642,600	0	0	0	\$ 642,600
GRAND TOTAL	\$ 0	\$ 0	\$ 642,600	\$ 0	\$ 0	\$ 6,298,880	\$ 6,941,480

PROJECT SCHEDULE	START	END
Analysis/Study/Assessment		
Preliminary Engineering Design		
Design	Jan-25	Sep-25
Construction	Jan-29	Dec-29
Land/ROW		
Furniture, Fixtures, Equipment		

OTHER:



City Goal: Strong Local Economy
 Reference:
 Project Manager: Airport
 Estimator: Airport

**CITY OF SUGAR LAND
2024 - 2028 CAPITAL IMPROVEMENT PROGRAM
Airport**

PROJECT NO. CAP2601	PROJECT TITLE Admin Building & Terminal Renovation
-------------------------------	--

DESCRIPTION Design renovations to the main terminal and new administration building.	IMPACT ON OPERATING BUDGET					
	Expenditures	2024	2025	2026	2027	2028
	Personnel	0	0	0	0	0
	Operating	0	0	0	0	0
	Capital	0	0	0	0	0
JUSTIFICATION The airport main terminal needs additional space to offer additional services, expand existing services and office space. Administration staff would be moved to a new building to open space in the main terminal building.	GRAND TOTAL	\$ 0				

PROJECT COSTS	Project Budget To Date	FISCAL YEAR PLAN					Project Total
		BUDGET	PLANNED				
		2024	2025	2026	2027	2028	
Analysis/Study/Assessment							
Preliminary Engineering Design							
Design	0	0	0	530,000	0	0	\$ 530,000
Construction							
Land/ROW							
Furniture, Fixtures, Equipment							
Contingency							
GRAND TOTAL	\$ 0	\$ 0	\$ 0	\$ 530,000	\$ 0	\$ 0	\$ 530,000

SOURCE OF FUNDS	Project Budget To Date	FISCAL YEAR PLAN					Project Total
		BUDGET	PLANNED				
		2024	2025	2026	2027	2028	
CO's	0	0	0	530,000	0	0	\$ 530,000
GRAND TOTAL	\$ 0	\$ 0	\$ 0	\$ 530,000	\$ 0	\$ 0	\$ 530,000

PROJECT SCHEDULE	START	END
Analysis/Study/Assessment		
Preliminary Engineering Design		
Design	Jan-26	Dec-26
Construction		
Land/ROW		
Furniture, Fixtures, Equipment		

OTHER:



City Goal:	Strong Local Economy
Reference:	
Project Manager:	Airport
Estimator:	Airport

CITY OF SUGAR LAND
2024 - 2028 CAPITAL IMPROVEMENT PROGRAM
DRAINAGE

PROJECT NO.	PROJECT NAME	PRIOR FUNDING	2024 BUDGET	2025 ESTIMATE	2026 ESTIMATE	2027 ESTIMATE	2028 ESTIMATE	2024-2028 TOTAL
CDR2101	Austin Park and Chimneystone Drainage Improvements	\$ 16,500,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
CDR2102	Sugar Creek Drainage Improvements - Montclair Drive	8,800,000	-	-	-	-	-	-
CDR2104	Citywide Flood Prevention & Drainage Studies	600,000	-	-	-	-	-	-
CDR2105	Avalon/Brazos Landing/Commonwealth Drainage Impr Phase I - Lake Control Structure Modifications	1,100,000	-	-	-	-	-	-
CDR2107	Avalon/Brazos Landing/Commonwealth Drainage Impr Phase II - Elkins Rd	7,300,000	-	-	-	-	-	-
CDR2201	Covington Woods Drainage Improvements-Covington W & Imperial Woods	4,360,000	-	-	-	-	-	-
CDR2301	Oyster Creek Diversion Channel	27,500,000	-	-	-	-	-	-
CDR2302	Business Park Northeast Detention Pond Expansion	500,000	-	-	-	-	-	-
	TOTAL FUNDING	\$ 66,660,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

SOURCE OF FUNDS	PRIOR FUNDING	2024 BUDGET	2025 ESTIMATE	2026 ESTIMATE	2027 ESTIMATE	2028 ESTIMATE	2024-2028 TOTAL
General Revenue	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
CO's	27,500,000	-	-	-	-	-	-
GO Bonds	38,660,000	-	-	-	-	-	-
SLDC	-	-	-	-	-	-	-
SL4B	-	-	-	-	-	-	-
Revenue Bonds	-	-	-	-	-	-	-
Tourism Fund	-	-	-	-	-	-	-
Other Funding	500,000	-	-	-	-	-	-
TOTAL	\$ 66,660,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

**CITY OF SUGAR LAND
2024 - 2028 CAPITAL IMPROVEMENT PROGRAM
Drainage**

PROJECT NO. CDR2101	PROJECT TITLE Austin Park and Chimneystone Drainage Improvements
-------------------------------	--

<p>DESCRIPTION Design and construction of a new drainage channel from just south of SH6 to Austin Park and a trunk line along Acacia Drive to Ditch H. Improvements will reduce flooding in the neighborhoods of Austin Park and Chimneystone during major storm events and provide relief to adjacent storm sewer system.</p> <p>JUSTIFICATION 2017 Drainage Study recommended construction of a new drainage channel adjacent to Chimneystone with new inlets and storm sewer improvements and to enlarge the Acacia stormwater trunk line to address structural flooding during major storm events.</p>
--

IMPACT ON OPERATING BUDGET					
Expenditures	2024	2025	2026	2027	2028
Personnel	0	0	0	0	0
Operating	0	0	0	0	0
Capital	0	0	0	0	0
GRAND TOTAL	\$ 0				

PROJECT COSTS	Project Budget To Date	FISCAL YEAR PLAN					Project Total
		BUDGET	PLANNED				
		2024	2025	2026	2027	2028	
Analysis/Study/Assessment							
Preliminary Engineering Design							
Design	1,200,000	0	0	0	0	0	\$ 1,200,000
Construction	15,300,000	0	0	0	0	0	\$ 15,300,000
Land/ROW							
Furniture, Fixtures, Equipment							
Contingency							
GRAND TOTAL	\$ 16,500,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 16,500,000

SOURCE OF FUNDS	Project Budget To Date	FISCAL YEAR PLAN					Project Total
		BUDGET	PLANNED				
		2024	2025	2026	2027	2028	
GO Bonds	16,500,000	0	0	0	0	0	\$ 16,500,000
GRAND TOTAL	\$ 16,500,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 16,500,000



PROJECT SCHEDULE	START	END
Analysis/Study/Assessment		
Preliminary Engineering Design		
Design	Feb-22	Jul-23
Construction	Nov-23	Feb-25
Land/ROW		
Furniture, Fixtures, Equipment		

OTHER:

City Goal:	Responsible City Government
Reference:	2017 Drainage Improvements Study
Project Manager:	Engineering Department
Estimator:	Engineering Department

**CITY OF SUGAR LAND
2024 - 2028 CAPITAL IMPROVEMENT PROGRAM
Drainage**

PROJECT NO. CDR2102	PROJECT TITLE Sugar Creek Drainage Improvements-Montclair Dr. Phase II
-------------------------------	--

DESCRIPTION
Upsizing of existing storm sewer pipes, outfall and inlets along with pavement replacement along the Montclair Drive from the connection point of Phase I at Charleston up to Country Club Boulevard and along Country Club Blvd from Montclair Blvd to Power Ct.

JUSTIFICATION
A 2014 Preliminary Engineering Report (PER) identified improvements to reduce street ponding depths and durations within the Sugar Creek area neighborhood, along Montclair Drive.

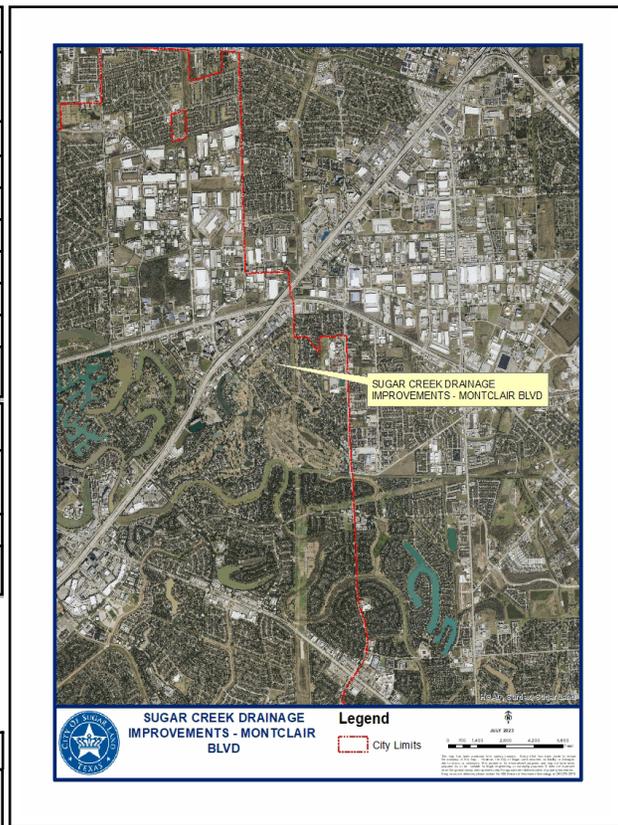
IMPACT ON OPERATING BUDGET					
Expenditures	2024	2025	2026	2027	2028
Personnel	0	0	0	0	0
Operating	0	0	0	0	0
Capital	0	0	0	0	0
GRAND TOTAL	\$ 0				

PROJECT COSTS	Project Budget To Date	FISCAL YEAR PLAN					Project Total
		BUDGET	PLANNED				
		2024	2025	2026	2027	2028	
Analysis/Study/Assessment							
Preliminary Engineering Design							
Design							
Construction	8,800,000	0	0	0	0	0	\$ 8,800,000
Land/ROW							
Furniture, Fixtures, Equipment							
Contingency							
GRAND TOTAL	\$ 8,800,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 8,800,000

SOURCE OF FUNDS	Project Budget To Date	FISCAL YEAR PLAN					Project Total
		BUDGET	PLANNED				
		2024	2025	2026	2027	2028	
GO Bonds	8,800,000	0	0	0	0	0	\$ 8,800,000
GRAND TOTAL	\$ 8,800,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 8,800,000

PROJECT SCHEDULE	START	END
Analysis/Study/Assessment		
Preliminary Engineering Design		
Design	Apr-23	Dec-23
Construction	Dec-23	Dec-24
Land/ROW		
Furniture, Fixtures, Equipment		

OTHER:



City Goal: Great Place To Live
Reference: 2017 Drainage Improvements Study
Project Manager: Engineering Department
Estimator: Engineering Department

**CITY OF SUGAR LAND
2024 - 2028 CAPITAL IMPROVEMENT PROGRAM
Drainage**

PROJECT NO. CDR2104	PROJECT TITLE Citywide Flood Prevention & Drainage Studies
-------------------------------	--

DESCRIPTION Conduct drainage studies, analysis and advance modeling to aid the City in identifying future drainage projects and to conduct localized drainage improvements at various locations.
--

JUSTIFICATION The Gulf Coast Region has experienced several major storm events over the past several years and it is projected the region will continue to see storms of historic levels.

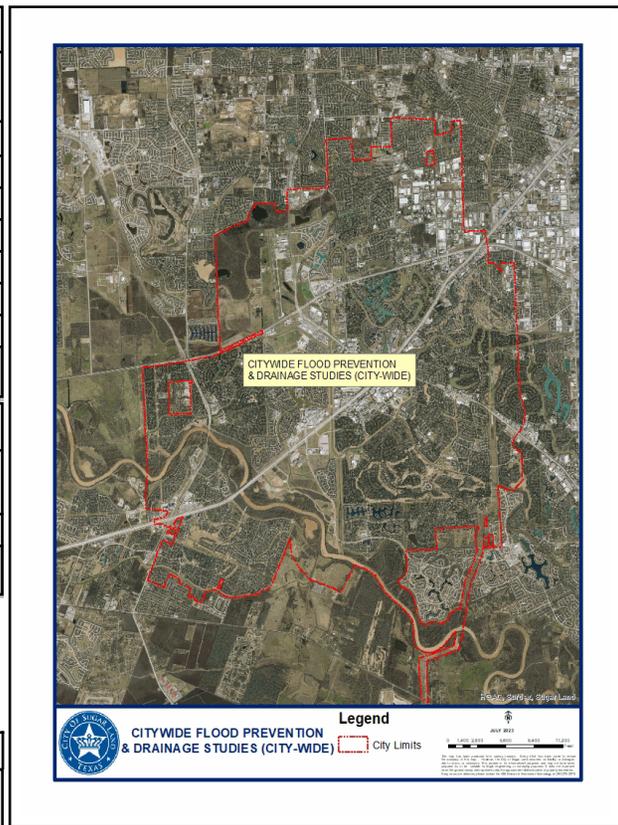
IMPACT ON OPERATING BUDGET					
Expenditures	2024	2025	2026	2027	2028
Personnel	0	0	0	0	0
Operating	0	0	0	0	0
Capital	0	0	0	0	0
GRAND TOTAL	\$ 0				

PROJECT COSTS	Project Budget To Date	FISCAL YEAR PLAN					Project Total
		BUDGET	PLANNED				
		2024	2025	2026	2027	2028	
Analysis/Study/Assessment	600,000	0	0	0	0	0	\$ 600,000
Preliminary Engineering Design							
Design							
Construction							
Land/ROW							
Furniture, Fixtures, Equipment							
Contingency							
GRAND TOTAL	\$ 600,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 600,000

SOURCE OF FUNDS	Project Budget To Date	FISCAL YEAR PLAN					Project Total
		BUDGET	PLANNED				
		2024	2025	2026	2027	2028	
GO Bonds	600,000	0	0	0	0	0	\$ 600,000
GRAND TOTAL	\$ 600,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 600,000

PROJECT SCHEDULE	START	END
Analysis/Study/Assessment	Aug-22	Dec-23
Preliminary Engineering Design		
Design		
Construction		
Land/ROW		
Furniture, Fixtures, Equipment		

OTHER:



City Goal:	Responsible City Government
Reference:	Engineering staff knowledge
Project Manager:	Engineering Department
Estimator:	Engineering Department

**CITY OF SUGAR LAND
2024 - 2028 CAPITAL IMPROVEMENT PROGRAM
Drainage**

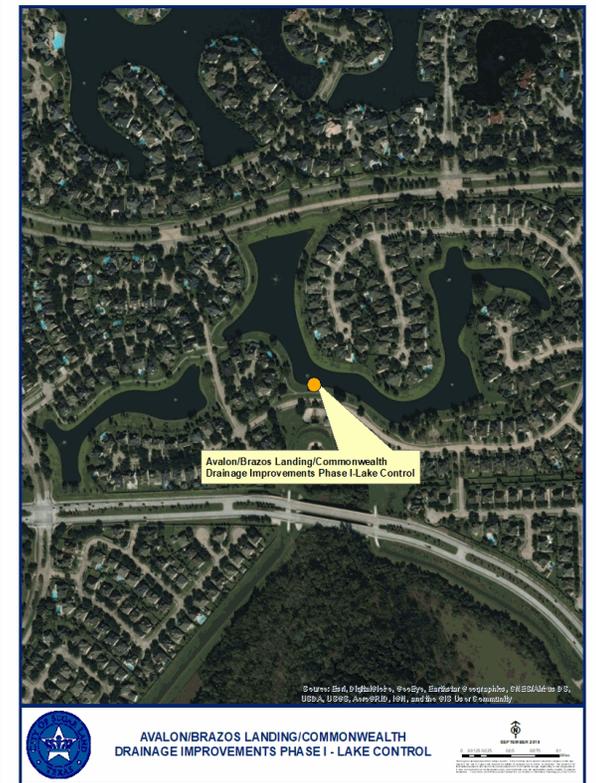
PROJECT NO. CDR2105	PROJECT TITLE Avalon/Brazos Landing/ Commonwealth Drainage Impr Phase I - Lake Control Structure Modifications
-------------------------------	--

DESCRIPTION Reconstruct the existing weir at the FBC LID No. 14 outfall structure to increase the outfall and pumping efficiency while maintaining the existing lake elevation. The project will also reduce the tailwater elevation of the lake to provide additional capacity for stormwater drainage during major storm events.
JUSTIFICATION The 2017 Drainage Study identified improvements necessary to the downstream weir at the FBC LID No. 14 outfall structure that will reduce the overall street ponding along Elkins and Commonwealth Boulevards.

IMPACT ON OPERATING BUDGET					
Expenditures	2024	2025	2026	2027	2028
Personnel	0	0	0	0	0
Operating	0	0	0	0	0
Capital	0	0	0	0	0
GRAND TOTAL	\$ 0				

PROJECT COSTS	Project Budget To Date	FISCAL YEAR PLAN					Project Total
		BUDGET	PLANNED				
		2024	2025	2026	2027	2028	
Analysis/Study/Assessment							
Preliminary Engineering Design							
Design	136,000	0	0	0	0	0	\$ 136,000
Construction	964,000	0	0	0	0	0	\$ 964,000
Land/ROW							
Furniture, Fixtures, Equipment							
Contingency							
GRAND TOTAL	\$ 1,100,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 1,100,000

SOURCE OF FUNDS	Project Budget To Date	FISCAL YEAR PLAN					Project Total
		BUDGET	PLANNED				
		2024	2025	2026	2027	2028	
GO Bonds	1,100,000	0	0	0	0	0	\$ 1,100,000
GRAND TOTAL	\$ 1,100,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 1,100,000



PROJECT SCHEDULE	START	END
Analysis/Study/Assessment		
Preliminary Engineering Design		
Design	Mar-23	Sep-23
Construction	Jan-24	Jan-25
Land/ROW		
Furniture, Fixtures, Equipment		

OTHER:

City Goal:	Responsible City Government
Reference:	2017 Drainage Improvements Study
Project Manager:	Engineering Department
Estimator:	Engineering Department

**CITY OF SUGAR LAND
2024 - 2028 CAPITAL IMPROVEMENT PROGRAM
Drainage**

PROJECT NO. CDR2107	PROJECT TITLE Avalon/Brazos Landing/ Commonwealth Drainage Impr Phase II - Elkins Rd
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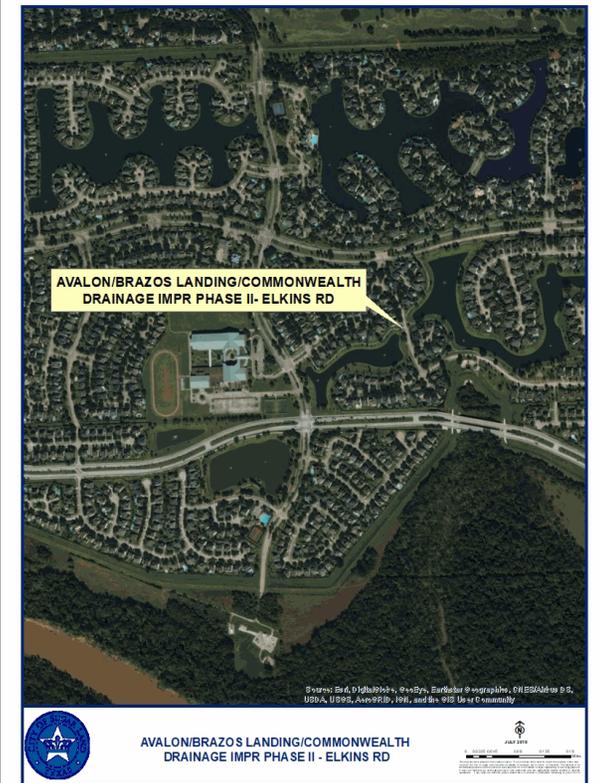
<p>DESCRIPTION Reconstruction of the existing drainage system to reduce street ponding depths and durations during major storm events. The project includes full replacement of pavement.</p> <p>JUSTIFICATION The 2017 Drainage Study identified improvements necessary to reduce street ponding along the Elkins Blvd and Commonwealth Blvd, which are major thoroughfare streets.</p>	<p>IMPACT ON OPERATING BUDGET</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Expenditures</th> <th>2024</th> <th>2025</th> <th>2026</th> <th>2027</th> <th>2028</th> </tr> </thead> <tbody> <tr> <td>Personnel</td> <td style="text-align: right;">0</td> </tr> <tr> <td>Operating</td> <td style="text-align: right;">0</td> </tr> <tr> <td>Capital</td> <td style="text-align: right;">0</td> </tr> <tr style="background-color: #e0e0e0;"> <td>GRAND TOTAL</td> <td style="text-align: right;">\$ 0</td> </tr> </tbody> </table>	Expenditures	2024	2025	2026	2027	2028	Personnel	0	0	0	0	0	Operating	0	0	0	0	0	Capital	0	0	0	0	0	GRAND TOTAL	\$ 0				
Expenditures	2024	2025	2026	2027	2028																										
Personnel	0	0	0	0	0																										
Operating	0	0	0	0	0																										
Capital	0	0	0	0	0																										
GRAND TOTAL	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0																										

PROJECT COSTS	Project Budget To Date	FISCAL YEAR PLAN					Project Total
		BUDGET	PLANNED				
		2024	2025	2026	2027	2028	
Analysis/Study/Assessment							
Preliminary Engineering Design							
Design	520,000	0	0	0	0	0	\$ 520,000
Construction	6,780,000	0	0	0	0	0	\$ 6,780,000
Land/ROW							
Furniture, Fixtures, Equipment							
Contingency							
GRAND TOTAL	\$ 7,300,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 7,300,000

SOURCE OF FUNDS	Project Budget To Date	FISCAL YEAR PLAN					Project Total
		BUDGET	PLANNED				
		2024	2025	2026	2027	2028	
GO Bonds	7,300,000	0	0	0	0	0	\$ 7,300,000
GRAND TOTAL	\$ 7,300,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 7,300,000

PROJECT SCHEDULE	START	END
Analysis/Study/Assessment		
Preliminary Engineering Design		
Design	Oct-21	Oct-23
Construction	Jan-24	Jan-25
Land/ROW		
Furniture, Fixtures, Equipment		

OTHER:



City Goal:	Responsible City Government
Reference:	2017 Drainage Improvements Study
Project Manager:	Engineering Department
Estimator:	Engineering Department

**CITY OF SUGAR LAND
2024 - 2028 CAPITAL IMPROVEMENT PROGRAM
Drainage**

PROJECT NO. CDR2201	PROJECT TITLE Covington Woods Drainage Improvements-Covington W. & Imperial Woods
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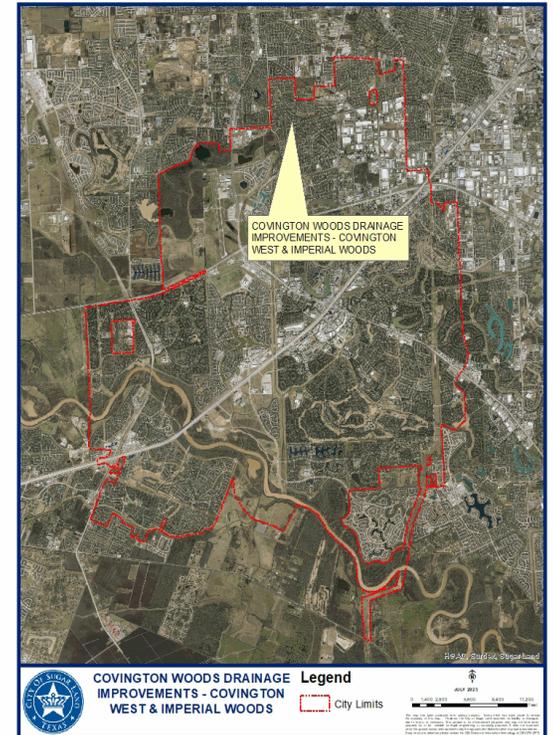
DESCRIPTION Upsizing of the existing storm sewer pipes and replacement of the inlets. The project will also replace the existing storm sewer outfall which ties into Ditch A-22.	IMPACT ON OPERATING BUDGET					
	Expenditures	2024	2025	2026	2027	2028
	Personnel	0	0	0	0	0
	Operating	0	0	0	0	0
	Capital	0	0	0	0	0
JUSTIFICATION The 2013 Drainage Study identified improvements necessary to reduce street ponding depths and durations within the Covington Woods neighborhood areas of Covington West and Imperial Woods.	GRAND TOTAL	\$ 0				

PROJECT COSTS	Project Budget To Date	FISCAL YEAR PLAN					Project Total
		BUDGET	PLANNED				
		2024	2025	2026	2027	2028	
Analysis/Study/Assessment							
Preliminary Engineering Design							
Design	391,760	0	0	0	0	0	\$ 391,760
Construction	3,968,240	0	0	0	0	0	\$ 3,968,240
Land/ROW							
Furniture, Fixtures, Equipment							
Contingency							
GRAND TOTAL	\$ 4,360,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 4,360,000

SOURCE OF FUNDS	Project Budget To Date	FISCAL YEAR PLAN					Project Total
		BUDGET	PLANNED				
		2024	2025	2026	2027	2028	
GO Bonds	4,360,000	0	0	0	0	0	\$ 4,360,000
GRAND TOTAL	\$ 4,360,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 4,360,000

PROJECT SCHEDULE	START	END
Analysis/Study/Assessment		
Preliminary Engineering Design		
Design	Oct-22	Jul-23
Construction	Sep-24	Jul-25
Land/ROW		
Furniture, Fixtures, Equipment		

OTHER:



City Goal:	Responsible City Government
Reference:	2013 Drainage Improvements Study
Project Manager:	Engineering Department
Estimator:	Engineering Department

**CITY OF SUGAR LAND
2024 - 2028 CAPITAL IMPROVEMENT PROGRAM
Drainage**

PROJECT NO. CDR2301	PROJECT TITLE Oyster Creek Diversion Channel
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DESCRIPTION
The project includes a wet detention pond, diversion channel from Oyster Creek to Bullhead Bayou, drainage channel, weir structure, channel improvements on the Bullhead Bayou, modifications to existing drop structure, and a blockage for the ditch on the northwest side of the airport runway.

JUSTIFICATION
The main project goal is to remove several critical facilities from the 100-year floodplain and provide a regional solution that protects the City's public safety training facilities, the Central Unit prison site, the Sugar Land Regional Airport, and the surrounding areas from major storm events and overflows from Oyster Creek.

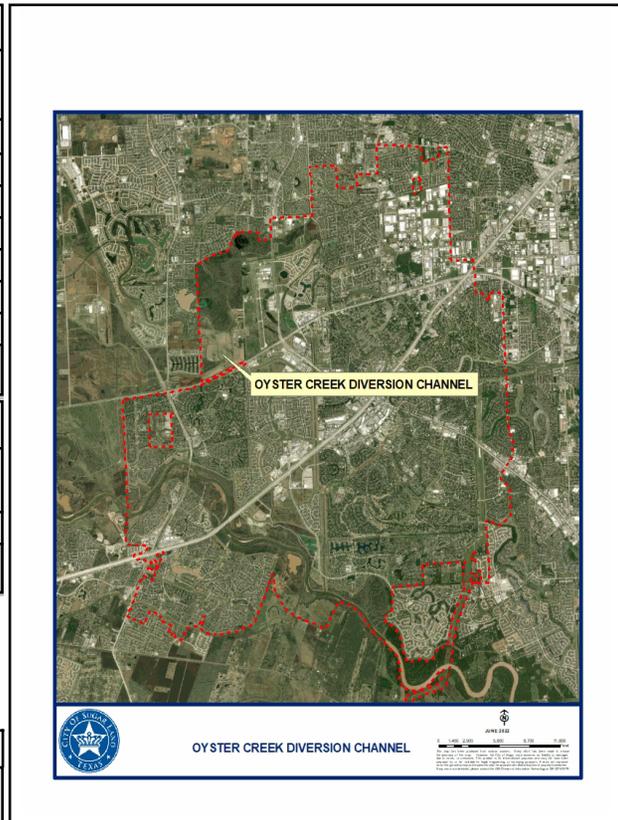
IMPACT ON OPERATING BUDGET					
Expenditures	2024	2025	2026	2027	2028
Personnel	0	0	0	0	0
Operating	0	0	0	0	0
Capital	0	0	0	0	0
GRAND TOTAL	\$ 0				

PROJECT COSTS	Project Budget To Date	FISCAL YEAR PLAN					Project Total
		BUDGET	PLANNED				
		2024	2025	2026	2027	2028	
Analysis/Study/Assessment							
Preliminary Engineering Design							
Design	2,750,000	0	0	0	0	0	\$ 2,750,000
Construction	24,750,000	0	0	0	0	0	\$ 24,750,000
Land/ROW							
Furniture, Fixtures, Equipment							
Contingency							
GRAND TOTAL	\$ 27,500,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 27,500,000

SOURCE OF FUNDS	Project Budget To Date	FISCAL YEAR PLAN					Project Total
		BUDGET	PLANNED				
		2024	2025	2026	2027	2028	
CO's	27,500,000	0	0	0	0	0	\$ 27,500,000
GRAND TOTAL	\$ 27,500,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 27,500,000

PROJECT SCHEDULE	START	END
Analysis/Study/Assessment		
Preliminary Engineering Design		
Design	Jan-23	Dec-24
Construction	Jan-25	Jan-27
Land/ROW		
Furniture, Fixtures, Equipment		

OTHER:



City Goal:	Responsible City Government
Reference:	Jones & Carter Drainage Study
Project Manager:	Engineering Department
Estimator:	Engineering Department

**CITY OF SUGAR LAND
2024 - 2028 CAPITAL IMPROVEMENT PROGRAM
Drainage**

PROJECT NO. CDR2302	PROJECT TITLE Business Park Northeast Detention Pond Expansion
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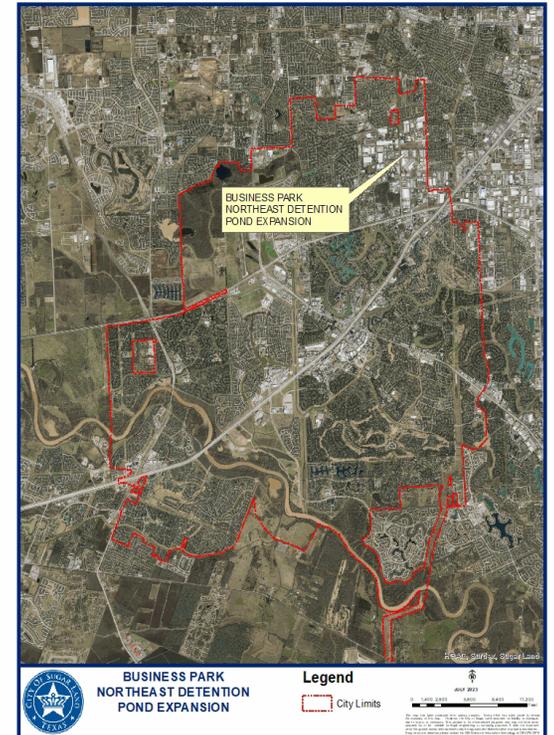
<p>DESCRIPTION Design and construction of a detention pond expansion of the Business Park Northeast Detention facility.</p>	<p>IMPACT ON OPERATING BUDGET</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Expenditures</th> <th>2024</th> <th>2025</th> <th>2026</th> <th>2027</th> <th>2028</th> </tr> </thead> <tbody> <tr> <td>Personnel</td> <td style="text-align: right;">0</td> </tr> <tr> <td>Operating</td> <td style="text-align: right;">0</td> </tr> <tr> <td>Capital</td> <td style="text-align: right;">0</td> </tr> <tr style="background-color: #cccccc;"> <td>GRAND TOTAL</td> <td style="text-align: right;">\$ 0</td> </tr> </tbody> </table>	Expenditures	2024	2025	2026	2027	2028	Personnel	0	0	0	0	0	Operating	0	0	0	0	0	Capital	0	0	0	0	0	GRAND TOTAL	\$ 0				
Expenditures	2024	2025	2026	2027	2028																										
Personnel	0	0	0	0	0																										
Operating	0	0	0	0	0																										
Capital	0	0	0	0	0																										
GRAND TOTAL	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0																										
<p>JUSTIFICATION The Business Park detention ponds were sized for Technical Paper 40 volumes and became undersized for the current drainage standards when the City adopted Atlas 14 in 2018. A drainage study for the Business Park and Covington Woods was completed by LAN in 2021 that recommended expansion of detention ponds in the Business Park.</p>																															

PROJECT COSTS	Project Budget To Date	FISCAL YEAR PLAN					Project Total
		BUDGET	PLANNED				
		2024	2025	2026	2027	2028	
Analysis/Study/Assessment							
Preliminary Engineering Design							
Design							
Construction	500,000	0	0	0	0	0	\$ 500,000
Land/ROW							
Furniture, Fixtures, Equipment							
Contingency							
GRAND TOTAL	\$ 500,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 500,000

SOURCE OF FUNDS	Project Budget To Date	FISCAL YEAR PLAN					Project Total
		BUDGET	PLANNED				
		2024	2025	2026	2027	2028	
Other Funding Sources	500,000	0	0	0	0	0	\$ 500,000
GRAND TOTAL	\$ 500,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 500,000

PROJECT SCHEDULE	START	END
Analysis/Study/Assessment		
Preliminary Engineering Design		
Design	Apr-23	Jul-23
Construction	Oct-23	Jan-24
Land/ROW		
Furniture, Fixtures, Equipment		

OTHER:
American Rescue Plan Act Funds



City Goal:	Responsible City Government
Reference:	LAN Drainage Study
Project Manager:	Engineering Department
Estimator:	Engineering Department

**CITY OF SUGAR LAND
2024 - 2028 CAPITAL IMPROVEMENT PROGRAM
MUNICIPAL**

PROJECT NO.	PROJECT NAME	PRIOR FUNDING	2024 BUDGET	2025 ESTIMATE	2026 ESTIMATE	2027 ESTIMATE	2028 ESTIMATE	2024-2028 TOTAL
CMU1906	ERP Implementation - Phase II	\$ 3,585,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
CMU1908	Animal Shelter	750,000	-	8,750,000	-	-	-	8,750,000
CMU2003	Senior Center Study	100,000	-	-	-	-	-	-
CMU2202	Public Safety & Public Services Building Rehabilitation	2,000,000	1,000,000	-	-	-	-	1,000,000
CMU2204	Public Safety Supplemental Funding	10,000,000	-	-	-	-	-	-
CMU2301	EOC/Public Safety Dispatch Building	3,688,750	10,000,000	-	-	-	-	10,000,000
CMU2302	City Hall Underground Storage Tank Improvements	350,000	-	-	-	-	-	-
CMU2303	Public Works Campus Above Ground Diesel Tank Improvements	400,000	-	-	-	-	-	-
CMU2401	City Facilities Elevators	-	500,000	-	-	-	-	500,000
CMU2401	Public Safety Facilities Supplemental Funding	-	6,100,000	-	-	-	-	6,100,000
	TOTAL FUNDING	\$ 20,873,750	\$ 17,600,000	\$ 8,750,000	\$ -	\$ -	\$ -	\$ 26,350,000

SOURCE OF FUNDS	PRIOR FUNDING	2024 BUDGET	2025 ESTIMATE	2026 ESTIMATE	2027 ESTIMATE	2028 ESTIMATE	2024-2028 TOTAL
General Revenue	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
CO's	4,085,000	6,600,000	-	-	-	-	6,600,000
Donations	-	-	2,400,000	-	-	-	2,400,000
GO Bonds	15,938,750	11,000,000	6,350,000	-	-	-	17,350,000
SLDC	-	-	-	-	-	-	-
SL4B	100,000	-	-	-	-	-	-
Revenue Bonds	-	-	-	-	-	-	-
Airport Revenues	-	-	-	-	-	-	-
Systems Revenues	-	-	-	-	-	-	-
Tourism Fund	-	-	-	-	-	-	-
CIP Fund Balance	-	-	-	-	-	-	-
Other Funding	750,000	-	-	-	-	-	-
TOTAL	\$ 20,873,750	\$ 17,600,000	\$ 8,750,000	\$ -	\$ -	\$ -	\$ 26,350,000

**CITY OF SUGAR LAND
2024 - 2028 CAPITAL IMPROVEMENT PROGRAM
SUMMARY BY FUNDING SOURCES - MUNICIPAL**

PROJECT NAME	2024 BUDGET	2025 ESTIMATE	2026 ESTIMATE	2027 ESTIMATE	2028 ESTIMATE	2024-2028 TOTAL
City Facilities Elevators	\$ 500,000	\$ -	\$ -	\$ -	\$ -	\$ 500,000
Public Safety Facilities Supplemental Funding	6,100,000	-	-	-	-	6,100,000
TOTAL - CO's	\$ 6,600,000	\$ -	\$ -	\$ -	\$ -	\$ 6,600,000

PROJECT NAME	2024	2025	2026	2027	2028	2024-2028
Animal Shelter	\$ -	\$ 6,350,000	\$ -	\$ -	\$ -	6,350,000
Public Safety & Public Services Building Rehabilitation	1,000,000	-	-	-	-	1,000,000
EOC/Public Safety Dispatch Building	10,000,000	-	-	-	-	10,000,000
TOTAL - GO BONDS	\$ 11,000,000	\$ 6,350,000	\$ -	\$ -	\$ -	\$ 17,350,000

PROJECT NAME	2024 BUDGET	2025 ESTIMATE	2026 ESTIMATE	2027 ESTIMATE	2028 ESTIMATE	2024-2028 TOTAL
Animal Shelter	\$ -	\$ 2,400,000	\$ -	\$ -	\$ -	2,400,000
TOTAL - DONATIONS	\$ -	\$ 2,400,000	\$ -	\$ -	\$ -	\$ 2,400,000

**CITY OF SUGAR LAND
2024 - 2028 CAPITAL IMPROVEMENT PROGRAM
Municipal**

PROJECT NO. CMU1906	PROJECT TITLE ERP Implementation-Phase II
-------------------------------	---

DESCRIPTION An organizational project to update the City's current Enterprise Resource Planning (ERP) software. The ERP is the central application for all City business. This includes integrating critical City functions.
JUSTIFICATION The current ERP is increasingly out of date in terms of both workflow and reporting. This has the effect of increasing both staff workload as well as increased cost to maintain multiple disparate systems across the City. A new system is needed to increase performance efficiency and enhance reporting.

IMPACT ON OPERATING BUDGET					
Expenditures	2024	2025	2026	2027	2028
Personnel	0	0	0	0	0
Operating	0	0	0	0	0
Capital	0	0	0	0	0
GRAND TOTAL	\$ 0				

PROJECT COSTS	Project Budget To Date	FISCAL YEAR PLAN					Project Total
		BUDGET	PLANNED				
		2024	2025	2026	2027	2028	
Analysis/Study/Assessment							
Preliminary Engineering Design							
Design							
Construction							
Land/ROW							
Furniture, Fixtures, Equipment	3,585,000	0	0	0	0	0	\$ 3,585,000
Contingency							
GRAND TOTAL	\$ 3,585,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 3,585,000

SOURCE OF FUNDS	Project Budget To Date	FISCAL YEAR PLAN					Project Total
		BUDGET	PLANNED				
		2024	2025	2026	2027	2028	
CO's	3,585,000	0	0	0	0	0	\$ 3,585,000
GRAND TOTAL	\$ 3,585,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 3,585,000



PROJECT SCHEDULE	START	END
Analysis/Study/Assessment		
Preliminary Engineering Design		
Design		
Construction		
Land/ROW		
Furniture, Fixtures, Equipment	Oct-18	Dec-23

OTHER:

City Goal:	Responsible City Government
Reference:	
Project Manager:	I.T. Department
Estimator:	I.T. Department

**CITY OF SUGAR LAND
2024 - 2028 CAPITAL IMPROVEMENT PROGRAM
Municipal**

PROJECT NO. CMU1908	PROJECT TITLE Animal Shelter
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DESCRIPTION Construction of an approximately 17,000 square-foot facility which includes animal housing, intake/veterinary space, staffing area, public spaces and space for animal outdoor fitness.
JUSTIFICATION The 2015 Facilities Master Plan identified the existing animal shelter has exceeded its design capacity. A new shelter will accommodate the projected animal capacity due to the City's growth.

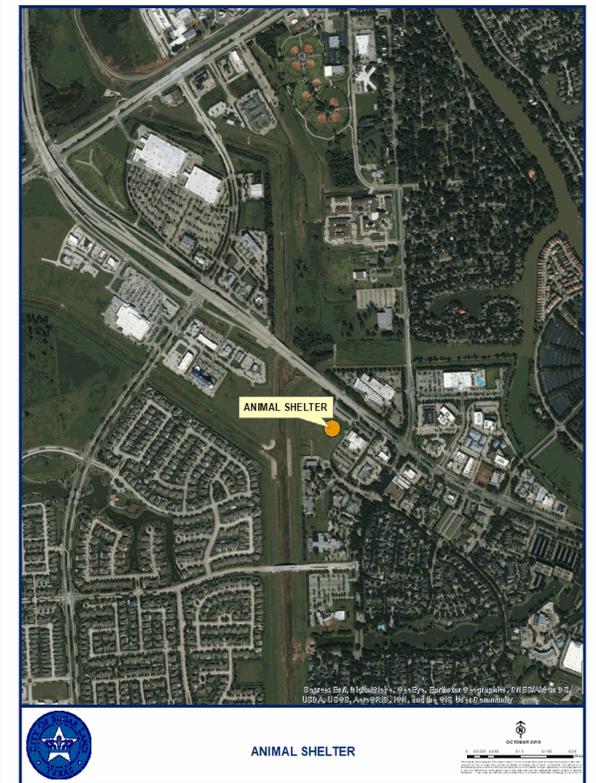
IMPACT ON OPERATING BUDGET					
Expenditures	2024	2025	2026	2027	2028
Personnel	0	0	0	0	0
Operating	0	0	0	0	0
Capital	0	0	0	0	0
GRAND TOTAL	\$ 0				

PROJECT COSTS	Project Budget To Date	FISCAL YEAR PLAN					Project Total
		BUDGET	PLANNED				
		2024	2025	2026	2027	2028	
Analysis/Study/Assessment							
Preliminary Engineering Design							
Design	750,000	0	0	0	0	0	\$ 750,000
Construction	0	0	8,750,000	0	0	0	\$ 8,750,000
Land/ROW							
Furniture, Fixtures, Equipment							
Contingency							
GRAND TOTAL	\$ 750,000	\$ 0	\$ 8,750,000	\$ 0	\$ 0	\$ 0	\$ 9,500,000

SOURCE OF FUNDS	Project Budget To Date	FISCAL YEAR PLAN					Project Total
		BUDGET	PLANNED				
		2024	2025	2026	2027	2028	
CO's	500,000	0	0	0	0	0	\$ 500,000
Donations	0	0	2,400,000	0	0	0	\$ 2,400,000
GO Bonds	250,000	0	6,350,000	0	0	0	\$ 6,600,000
GRAND TOTAL	\$ 750,000	\$ 0	\$ 8,750,000	\$ 0	\$ 0	\$ 0	\$ 9,500,000

PROJECT SCHEDULE	START	END
Analysis/Study/Assessment		
Preliminary Engineering Design		
Design		
Construction		
Land/ROW		
Furniture, Fixtures, Equipment		

OTHER:



City Goal:	Responsible City Government
Reference:	2015 Facilities Master Plan
Project Manager:	Engineering Department
Estimator:	Engineering Department

**CITY OF SUGAR LAND
2024 - 2028 CAPITAL IMPROVEMENT PROGRAM
Municipal**

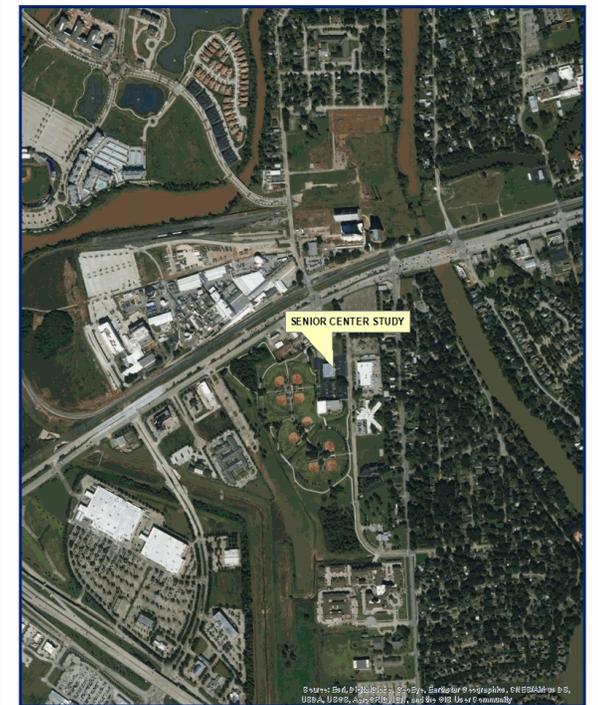
PROJECT NO. CMU2003	PROJECT TITLE Senior Center Study
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DESCRIPTION Study and Preliminary Engineering (PER) to address the growing needs of the existing T.E. Harman Senior Center. Study will include site location opportunities and constraints, building square footage needs, parking requirements, and operations. Also includes capacity/function analysis, case studies, location preferences, site testing, preliminary architecture/site design and associated cost estimate.
JUSTIFICATION The Parks, Recreation, and Open Space Master Plan identifies the need to plan for the future to address the growing senior population and the popularity of the exiting program. Staff has completed initial in-house studies including demographics analysis, existing conditions, building needs and location issues.

IMPACT ON OPERATING BUDGET					
Expenditures	2024	2025	2026	2027	2028
Personnel	0	0	0	0	0
Operating	0	0	0	0	0
Capital	0	0	0	0	0
GRAND TOTAL	\$ 0				

PROJECT COSTS	Project Budget To Date	FISCAL YEAR PLAN					Project Total
		BUDGET		PLANNED			
		2024	2025	2026	2027	2028	
Analysis/Study/Assessment	100,000	0	0	0	0	0	\$ 100,000
Preliminary Engineering Design							
Design							
Construction							
Land/ROW							
Furniture, Fixtures, Equipment							
Contingency							
GRAND TOTAL	\$ 100,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 100,000

SOURCE OF FUNDS	Project Budget To Date	FISCAL YEAR PLAN					Project Total
		BUDGET		PLANNED			
		2024	2025	2026	2027	2028	
SL4B	100,000	0	0	0	0	0	\$ 100,000
GRAND TOTAL	\$ 100,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 100,000



PROJECT SCHEDULE	START	END
Analysis/Study/Assessment	Oct-19	Sep-23
Preliminary Engineering Design		
Design		
Construction		
Land/ROW		
Furniture, Fixtures, Equipment		

OTHER:

City Goal:	Great Place To Live
Reference:	PROSMP
Project Manager:	Parks Department
Estimator:	Engineering Department

**CITY OF SUGAR LAND
2024 - 2028 CAPITAL IMPROVEMENT PROGRAM
Municipal**

PROJECT NO. CMU2202	PROJECT TITLE Public Safety & Public Services Building Rehabilitation
-------------------------------	---

DESCRIPTION Facility rehabilitation will be completed to address building envelope repairs and/or roof replacements at locations such as City Hall, the Fire Admin/City Hall Annex building, the Police Dept, Fire Stations and Public Works. Interior renovations will be conducted at various Fire Stations, the Fire Admin/City Hall Annex building and Public Works.	IMPACT ON OPERATING BUDGET					
	Expenditures	2024	2025	2026	2027	2028
	Personnel	0	0	0	0	0
	Operating	0	0	0	0	0
	Capital	0	0	0	0	0
JUSTIFICATION The Facilities Condition Assessment (FCA) and Building Maintenance Records have identified City facilities to rehabilitate for functionality.	GRAND TOTAL	\$ 0				

PROJECT COSTS	Project Budget To Date	FISCAL YEAR PLAN					Project Total
		BUDGET	PLANNED				
		2024	2025	2026	2027	2028	
Analysis/Study/Assessment							
Preliminary Engineering Design							
Design							
Construction	2,000,000	1,000,000	0	0	0	0	\$ 3,000,000
Land/ROW							
Furniture, Fixtures, Equipment							
Contingency							
GRAND TOTAL	\$ 2,000,000	\$ 1,000,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 3,000,000

SOURCE OF FUNDS	Project Budget To Date	FISCAL YEAR PLAN					Project Total
		BUDGET	PLANNED				
		2024	2025	2026	2027	2028	
GO Bonds	2,000,000	1,000,000	0	0	0	0	\$ 3,000,000
GRAND TOTAL	\$ 2,000,000	\$ 1,000,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 3,000,000



PROJECT SCHEDULE	START	END
Analysis/Study/Assessment		
Preliminary Engineering Design		
Design		
Construction	Oct-23	Sep-24
Land/ROW		
Furniture, Fixtures, Equipment		

OTHER:

City Goal:	Responsible City Government
Reference:	FCA and Building Maintenance Records
Project Manager:	ENS Department
Estimator:	ENS Department

**CITY OF SUGAR LAND
2024 - 2028 CAPITAL IMPROVEMENT PROGRAM
Municipal**

PROJECT NO. CMU2204	PROJECT TITLE Public Safety Training Facility - Phase II
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DESCRIPTION Design and construction of a multi-purpose training facility, outdoor classrooms and restroom, drive fire track, live fire shoot house and associated paving and site work improvements for Fire and Police.
--

JUSTIFICATION The 2015 Facilities Master Plan identified the need for a Public Safety Training Facility for the City's public safety officers. Currently the Police and Fire Departments perform most of their training outside of Sugar Land city limits. The facility does not meet all of the requirements and the separation from the city can cause delays to public safety responders.
--

IMPACT ON OPERATING BUDGET					
Expenditures	2024	2025	2026	2027	2028
Personnel	0	0	0	0	0
Operating	0	0	0	0	0
Capital	0	0	0	0	0
GRAND TOTAL	\$ 0				

PROJECT COSTS	Project Budget To Date	FISCAL YEAR PLAN					Project Total
		BUDGET	PLANNED				
		2024	2025	2026	2027	2028	
Analysis/Study/Assessment							
Preliminary Engineering Design							
Design	1,000,000	0	0	0	0	0	\$ 1,000,000
Construction	9,000,000	0	0	0	0	0	\$ 9,000,000
Land/ROW							
Furniture, Fixtures, Equipment							
Contingency							
GRAND TOTAL	\$ 10,000,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 10,000,000

SOURCE OF FUNDS	Project Budget To Date	FISCAL YEAR PLAN					Project Total
		BUDGET	PLANNED				
		2024	2025	2026	2027	2028	
GO Bonds	10,000,000	0	0	0	0	0	\$ 10,000,000
GRAND TOTAL	\$ 10,000,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 10,000,000



PROJECT SCHEDULE	START	END
Analysis/Study/Assessment		
Preliminary Engineering Design		
Design	May-22	Aug-22
Construction	Oct-23	Dec-24
Land/ROW		
Furniture, Fixtures, Equipment		

OTHER:

City Goal:	Safest City
Reference:	2015 Facilities Master Plan
Project Manager:	Engineering Department
Estimator:	Engineering Department

**CITY OF SUGAR LAND
2024 - 2028 CAPITAL IMPROVEMENT PROGRAM
Municipal**

PROJECT NO. CMU2301	PROJECT TITLE EOC/Dispatch Building
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DESCRIPTION Design and construct a new Emergency Management Center to accommodate emergency operations and public safety dispatch staff. The project will included building programming and security elements.
--

JUSTIFICATION The existing Dispatch and EOC are located within the existing Police and Court Building at the Public Safety Campus. The existing Public Safety Campus site is comprised of approximately 13 acres and is planned to accommodate the renovation of the Police Department, new Municipal Court Building, a new Animal Services Building and a new Dispatch and EOC Building.

IMPACT ON OPERATING BUDGET					
Expenditures	2024	2025	2026	2027	2028
Personnel	0	0	0	0	0
Operating	0	0	0	0	0
Capital	0	0	0	0	0
GRAND TOTAL	\$ 0				

PROJECT COSTS	Project Budget To Date	FISCAL YEAR PLAN					Project Total
		BUDGET	PLANNED				
		2024	2025	2026	2027	2028	
Analysis/Study/Assessment							
Preliminary Engineering Design	16,300	0	0	0	0	0	\$ 16,300
Design	1,000,000	0	0	0	0	0	\$ 1,000,000
Construction	2,672,450	10,000,000	0	0	0	0	\$ 12,672,450
Land/ROW							
Furniture, Fixtures, Equipment							
Contingency							
GRAND TOTAL	\$ 3,688,750	\$ 10,000,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 13,688,750

SOURCE OF FUNDS	Project Budget To Date	FISCAL YEAR PLAN					Project Total
		BUDGET	PLANNED				
		2024	2025	2026	2027	2028	
GO Bonds	3,688,750	10,000,000	0	0	0	0	\$ 13,688,750
GRAND TOTAL	\$ 3,688,750	\$ 10,000,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 13,688,750



PROJECT SCHEDULE	START	END
Analysis/Study/Assessment		
Preliminary Engineering Design		
Design	Dec-23	Dec-24
Construction	Dec-24	Dec-25
Land/ROW		
Furniture, Fixtures, Equipment		

OTHER:

City Goal:	Safest City
Reference:	Facilities Master Plan
Project Manager:	Engineering Department
Estimator:	Engineering Department

**CITY OF SUGAR LAND
2024 - 2028 CAPITAL IMPROVEMENT PROGRAM
Municipal**

PROJECT NO. CMU2302	PROJECT TITLE City Hall Underground Storage Tank Improvements
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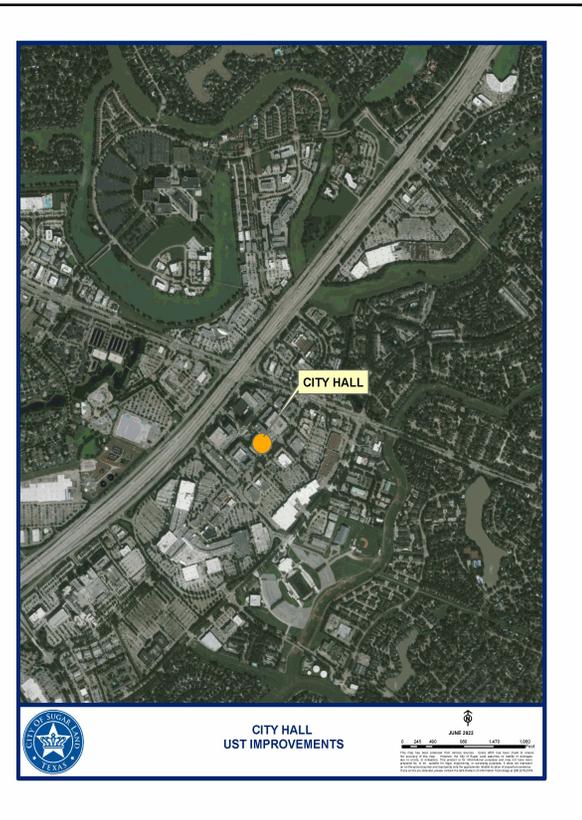
DESCRIPTION
Replacement of the existing piping containment sumps covers, associated concrete and sensors due to water intrusion. Install a new leak detection system to match the Austin Parkway and Gillingham storage tanks for consistency.

JUSTIFICATION
The existing underground storage tank at City Hall is over 16 years old. The tank requires inspections from The Texas Commission on Environmental Quality (TCEQ) for regulatory compliance. The underground tank has experienced water intrusion due to the aging equipment (ie: tank cover, sealant, etc) and requires necessary improvements in order to bring it back within compliance.

IMPACT ON OPERATING BUDGET					
Expenditures	2024	2025	2026	2027	2028
Personnel	0	0	0	0	0
Operating	0	0	0	0	0
Capital	0	0	0	0	0
GRAND TOTAL	\$ 0				

PROJECT COSTS	Project Budget To Date	FISCAL YEAR PLAN					Project Total
		BUDGET	PLANNED				
		2024	2025	2026	2027	2028	
Analysis/Study/Assessment							
Preliminary Engineering Design							
Design	15,000	0	0	0	0	0	\$ 15,000
Construction	335,000	0	0	0	0	0	\$ 335,000
Land/ROW							
Furniture, Fixtures, Equipment							
Contingency							
GRAND TOTAL	\$ 350,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 350,000

SOURCE OF FUNDS	Project Budget To Date	FISCAL YEAR PLAN					Project Total
		BUDGET	PLANNED				
		2024	2025	2026	2027	2028	
Other Funding Sources	350,000	0	0	0	0	0	\$ 350,000
GRAND TOTAL	\$ 350,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 350,000



PROJECT SCHEDULE	START	END
Analysis/Study/Assessment		
Preliminary Engineering Design		
Design		
Construction	Oct-23	Mar-24
Land/ROW		
Furniture, Fixtures, Equipment		

OTHER:
This project will be funded with ARPA funds.

City Goal:	Safest City
Reference:	Facilities City Hall Master Plan
Project Manager:	Engineering Department
Estimator:	Engineering Department

**CITY OF SUGAR LAND
2024 - 2028 CAPITAL IMPROVEMENT PROGRAM
Municipal**

PROJECT NO. CMU2303	PROJECT TITLE Public Works Campus Above Ground Diesel Tank Improvements
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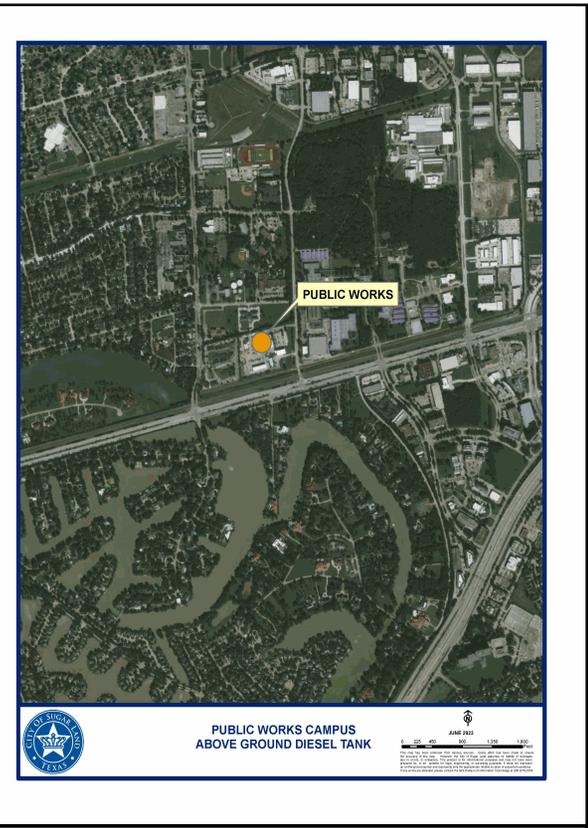
DESCRIPTION
Design and construction for the installation of one 10,000 gallon diesel, above ground storage tank, including the necessary piping, dispensers, monitoring sensors, canopy and concrete pad.

JUSTIFICATION
There are two existing diesel tanks at the Public Works Service Center which are over 30 years old and have exceeded their useful life. The Texas Commission on Environmental Quality (TCEQ) does not currently require tanks over 30 years of age be removed. However, many states are beginning to make this removal a requirement. While we continue to perform the tasks necessary to comply with TCEQ regulations, there is an increased risk that some of the City's underground tanks may leak.

IMPACT ON OPERATING BUDGET					
Expenditures	2024	2025	2026	2027	2028
Personnel	0	0	0	0	0
Operating	0	0	0	0	0
Capital	0	0	0	0	0
GRAND TOTAL	\$ 0				

PROJECT COSTS	Project Budget To Date	FISCAL YEAR PLAN					Project Total
		BUDGET	PLANNED				
		2024	2025	2026	2027	2028	
Analysis/Study/Assessment							
Preliminary Engineering Design							
Design	50,000	0	0	0	0	0	\$ 50,000
Construction	350,000	0	0	0	0	0	\$ 350,000
Land/ROW							
Furniture, Fixtures, Equipment							
Contingency							
GRAND TOTAL	\$ 400,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 400,000

SOURCE OF FUNDS	Project Budget To Date	FISCAL YEAR PLAN					Project Total
		BUDGET	PLANNED				
		2024	2025	2026	2027	2028	
Other Funding Sources	400,000	0	0	0	0	0	\$ 400,000
GRAND TOTAL	\$ 400,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 400,000



PROJECT SCHEDULE	START	END
Analysis/Study/Assessment		
Preliminary Engineering Design		
Design	Oct-23	Sep-24
Construction	Oct-24	Sep-25
Land/ROW		
Furniture, Fixtures, Equipment		

OTHER:
This project will be funded with ARPA funds.

City Goal:	Safest City
Reference:	Public Works
Project Manager:	Engineering Department
Estimator:	Engineering Department

**CITY OF SUGAR LAND
2024 - 2028 CAPITAL IMPROVEMENT PROGRAM
Municipal**

PROJECT NO. CMU2401	PROJECT TITLE City Facilities Elevators
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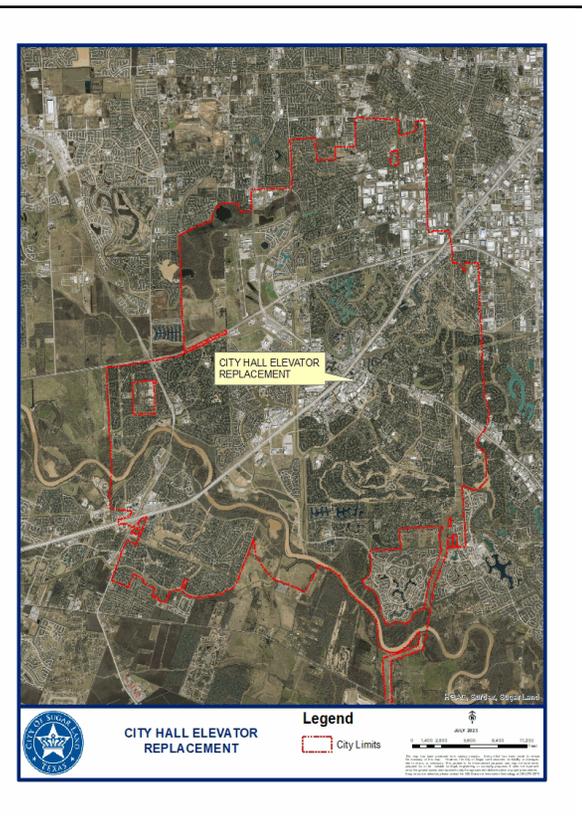
DESCRIPTION Replace 2 elevators in main lobby of City Hall	IMPACT ON OPERATING BUDGET					
	Expenditures	2024	2025	2026	2027	2028
	Personnel	0	0	0	0	0
	Operating	0	0	0	0	0
	Capital	0	0	0	0	0
GRAND TOTAL	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	
JUSTIFICATION The City Hall elevators are almost 20 years old, which is the expected service life for an elevator. The lobby elevators at City Hall have recently experienced significant increases in service, resulting in out of service for the elevators.						

PROJECT COSTS	Project Budget To Date	FISCAL YEAR PLAN					Project Total
		BUDGET	PLANNED				
		2024	2025	2026	2027	2028	
Analysis/Study/Assessment							
Preliminary Engineering Design							
Design							
Construction	0	500,000	0	0	0	0	\$ 500,000
Land/ROW							
Furniture, Fixtures, Equipment							
Contingency							
GRAND TOTAL	\$ 0	\$ 500,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 500,000

SOURCE OF FUNDS	Project Budget To Date	FISCAL YEAR PLAN					Project Total
		BUDGET	PLANNED				
		2024	2025	2026	2027	2028	
CO's	0	500,000	0	0	0	0	\$ 500,000
GRAND TOTAL	\$ 0	\$ 500,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 500,000

PROJECT SCHEDULE	START	END
Analysis/Study/Assessment		
Preliminary Engineering Design		
Design		
Construction	Nov-23	Sep-24
Land/ROW		
Furniture, Fixtures, Equipment		

OTHER:



City Goal:	Responsible City Government
Reference:	Facilities Master Plan
Project Manager:	Engineering Department
Estimator:	Engineering Department

**CITY OF SUGAR LAND
2024 - 2028 CAPITAL IMPROVEMENT PROGRAM
Municipal**

PROJECT NO. CMU2402	PROJECT TITLE Public Safety Facilities Supplemental Funding
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DESCRIPTION Construction of a multi-purpose training facility, outdoor classrooms and restroom, drive fire track, live fire shoot house and associated paving and site work improvements for Fire and Police and construct a new Emergency Management Center to accommodate emergency operations and public safety dispatch staff. The project will included building programming and security elements.
JUSTIFICATION The 2015 Facilities Master Plan identified the need for a Public Safety Training Facility for the City's public safety officers. Currently the Police and Fire Departments perform most of their training outside of Sugar Land city limits. The facility does not meet all of the requirements and the separation from the city can cause delays to public safety responders. The existing Dispatch and EOC are located within the existing Police and Court Building at the Public Safety Campus. The

IMPACT ON OPERATING BUDGET					
Expenditures	2024	2025	2026	2027	2028
Personnel	0	0	0	0	0
Operating	0	0	0	0	0
Capital	0	0	0	0	0
GRAND TOTAL	\$ 0				

PROJECT COSTS	Project Budget To Date	FISCAL YEAR PLAN					Project Total
		BUDGET	PLANNED				
		2024	2025	2026	2027	2028	
Analysis/Study/Assessment							
Preliminary Engineering Design							
Design							
Construction	0	6,100,000	0	0	0	0	\$ 6,100,000
Land/ROW							
Furniture, Fixtures, Equipment							
Contingency							
GRAND TOTAL	\$ 0	\$ 6,100,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 6,100,000

SOURCE OF FUNDS	Project Budget To Date	FISCAL YEAR PLAN					Project Total
		BUDGET	PLANNED				
		2024	2025	2026	2027	2028	
CO's	0	6,100,000	0	0	0	0	\$ 6,100,000
GRAND TOTAL	\$ 0	\$ 6,100,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 6,100,000

PROJECT SCHEDULE	START	END
Analysis/Study/Assessment		
Preliminary Engineering Design		
Design		
Construction	Oct-23	Dec-25
Land/ROW		
Furniture, Fixtures, Equipment		

OTHER:

CMU2402 PUBLIC SAFETY FACILITIES SUPPLEMENTAL FUNDING (CITY-WIDE)


CMU2402 PUBLIC SAFETY FACILITIES SUPPLEMENTAL FUNDING
 SEPTEMBER 2023
 0' 1"=200' 0"=1"=200' 0"=1"=200'

City Goal:	Safest City
Reference:	2015 Facilities Master Plan
Project Manager:	Engineering Department
Estimator:	Engineering Department

**CITY OF SUGAR LAND
2024 - 2028 CAPITAL IMPROVEMENT PROGRAM
PARKS**

PROJECT NO.	PROJECT NAME	PRIOR FUNDING	2024 BUDGET	2025 ESTIMATE	2026 ESTIMATE	2027 ESTIMATE	2028 ESTIMATE	2024-2028 TOTAL
CPK1506	First Colony Trail	\$ 3,118,375	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
CPK1702	Ditch H Trail	9,422,024	-	-	-	-	-	-
CPK2001	Cullinan Park Improvements-Phase II	105,138	-	-	-	-	-	-
CPK2202	Old Imperial Farm Cemetery Improvements	150,000	-	-	-	-	-	-
CPK2301	Joint Participation in CIP	800,000	-	-	-	-	-	-
CPK2302	Cullinan Park Improvements-Phase III	1,000,000	-	-	-	-	-	-
CPK2304	Relocate Skate Park to Crown Festival/Pickleball Courts @ City Park	225,000	-	-	-	-	-	-
CPK2401	Joint Participation in CIP	-	200,000	200,000	200,000	200,000	200,000	1,000,000
	TOTAL FUNDING	\$ 14,820,537	\$ 200,000	\$ 1,000,000				

SOURCE OF FUNDS	PRIOR FUNDING	2024 BUDGET	2025 ESTIMATE	2026 ESTIMATE	2027 ESTIMATE	2028 ESTIMATE	2024-2028 TOTAL
General Revenue	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
CO's	-	-	-	-	-	-	-
CDBG	-	-	-	-	-	-	-
Donations	1,105,138	-	-	-	-	-	-
GO Bonds	7,887,399	-	-	-	-	-	-
SLDC	-	-	-	-	-	-	-
SL4B	1,175,000	200,000	200,000	200,000	200,000	200,000	1,000,000
Revenue Bonds	-	-	-	-	-	-	-
Airport Revenues	-	-	-	-	-	-	-
Tourism Fund	-	-	-	-	-	-	-
Other Funding	4,653,000	-	-	-	-	-	-
TOTAL	\$ 14,820,537	\$ 200,000	\$ 1,000,000				

CITY OF SUGAR LAND
 2024 - 2028 CAPITAL IMPROVEMENT PROGRAM
 SUMMARY BY FUNDING SOURCES - PARKS

PROJECT NAME	2024 BUDGET	2025 ESTIMATE	2026 ESTIMATE	2027 ESTIMATE	2028 ESTIMATE	2024-2028 TOTAL
Joint Participation in CIP	200,000	200,000	200,000	200,000	200,000	1,000,000
TOTAL - SL4B	\$ 200,000	\$ 1,000,000				

**CITY OF SUGAR LAND
2024 - 2028 CAPITAL IMPROVEMENT PROGRAM
Parks**

PROJECT NO. CPK1506	PROJECT TITLE First Colony Trail
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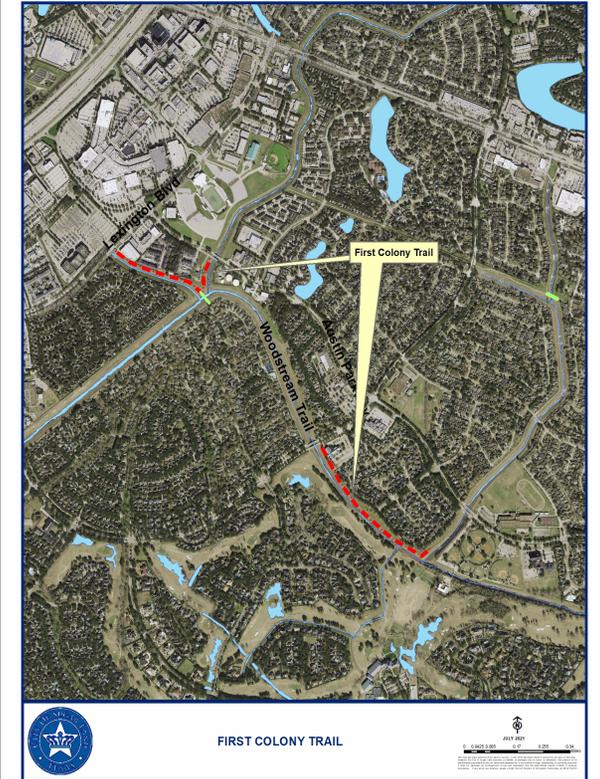
DESCRIPTION
Design and construction of a 10-foot wide trail connection from Lexington Blvd and Austin Parkway to the Woodstream Trail, installing a below-grade crossing on Sweetwater Blvd, and building pedestrian bridges connecting from Mesquite Trail to Mesquite Park and a bridge to First Colony Middle School.

JUSTIFICATION
This project was included in the 2013 and the 2020 Fort Bend County Parks Bond.

IMPACT ON OPERATING BUDGET					
Expenditures	2024	2025	2026	2027	2028
Personnel	0	0	0	0	0
Operating	0	0	0	0	0
Capital	0	0	0	0	0
GRAND TOTAL	\$ 0				

PROJECT COSTS	Project Budget To Date	FISCAL YEAR PLAN					Project Total
		BUDGET	PLANNED				
		2024	2025	2026	2027	2028	
Analysis/Study/Assessment							
Preliminary Engineering Design							
Design	183,375	0	0	0	0	0	\$ 183,375
Construction	2,935,000	0	0	0	0	0	\$ 2,935,000
Land/ROW							
Furniture, Fixtures, Equipment							
Contingency							
GRAND TOTAL	\$ 3,118,375	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 3,118,375

SOURCE OF FUNDS	Project Budget To Date	FISCAL YEAR PLAN					Project Total
		BUDGET	PLANNED				
		2024	2025	2026	2027	2028	
Other Funding Sources	1,485,000	0	0	0	0	0	\$ 1,485,000
GO Bonds	1,633,375	0	0	0	0	0	\$ 1,633,375
GRAND TOTAL	\$ 3,118,375	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 3,118,375



PROJECT SCHEDULE	START	END
Analysis/Study/Assessment		
Preliminary Engineering Design		
Design	Mar-20	Aug-23
Construction	Feb-23	Dec-23
Land/ROW		
Furniture, Fixtures, Equipment		

OTHER:
A total of \$1,485,000 will be funded in FY23 with 2013 & 2020 Fort Bend County Parks Bonds.

City Goal:	Great Place To Live
Reference:	Ped & Bike Master Plan
Project Manager:	Engineering Department
Estimator:	Engineering Department

**CITY OF SUGAR LAND
2024 - 2028 CAPITAL IMPROVEMENT PROGRAM
Parks**

PROJECT NO. CPK1702	PROJECT TITLE Ditch H Trail
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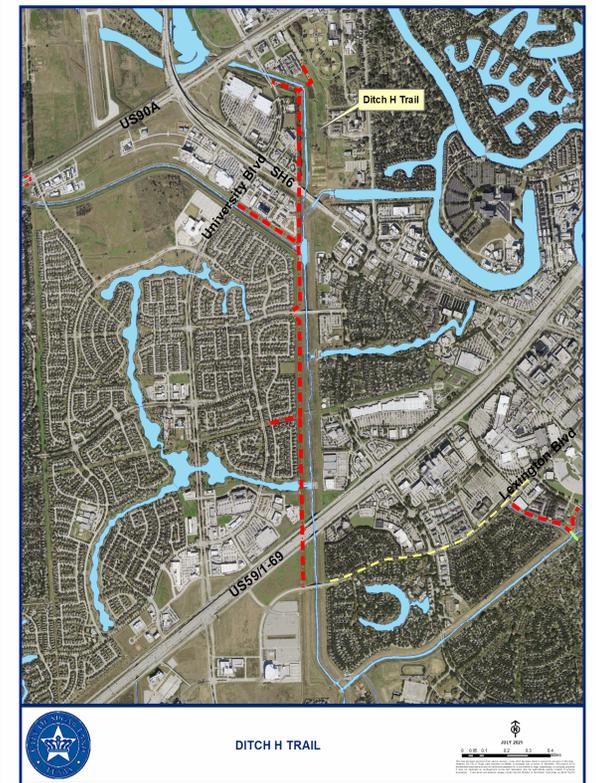
DESCRIPTION
This project will provide a north/south connection between the Imperial Connector Trail and First Colony Trail network, with a 10-foot wide trail with pedestrian bridges and trailheads.

JUSTIFICATION
Completion of 2013 Parks Bond Projects, the project was also included in the 2020 Fort Bend County Parks Bond.

IMPACT ON OPERATING BUDGET					
Expenditures	2024	2025	2026	2027	2028
Personnel	0	0	0	0	0
Operating	0	0	0	0	0
Capital	0	0	0	0	0
GRAND TOTAL	\$ 0				

PROJECT COSTS	Project Budget To Date	FISCAL YEAR PLAN					Project Total
		BUDGET	PLANNED				
		2024	2025	2026	2027	2028	
Analysis/Study/Assessment							
Preliminary Engineering Design							
Design							
Construction	9,422,024	0	0	0	0	0	\$ 9,422,024
Land/ROW							
Furniture, Fixtures, Equipment							
Contingency							
GRAND TOTAL	\$ 9,422,024	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 9,422,024

SOURCE OF FUNDS	Project Budget To Date	FISCAL YEAR PLAN					Project Total
		BUDGET	PLANNED				
		2024	2025	2026	2027	2028	
Other Funding Sources	3,168,000	0	0	0	0	0	\$ 3,168,000
GO Bonds	6,254,024	0	0	0	0	0	\$ 6,254,024
GRAND TOTAL	\$ 9,422,024	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 9,422,024



PROJECT SCHEDULE	START	END
Analysis/Study/Assessment		
Preliminary Engineering Design		
Design	Dec-19	Oct-23
Construction	Feb-24	Feb-25
Land/ROW		
Furniture, Fixtures, Equipment		

OTHER:
A total of \$3,168,000 for FY23 will be funded with 2020 Fort Bend County Parks Bond.

City Goal:	Great Place To Live
Reference:	Ped & Bike Master Plan
Project Manager:	Engineering Department
Estimator:	Engineering Department

**CITY OF SUGAR LAND
2024 - 2028 CAPITAL IMPROVEMENT PROGRAM
Parks**

PROJECT NO. CPK2001	PROJECT TITLE Cullinan Park Improvements - PH II
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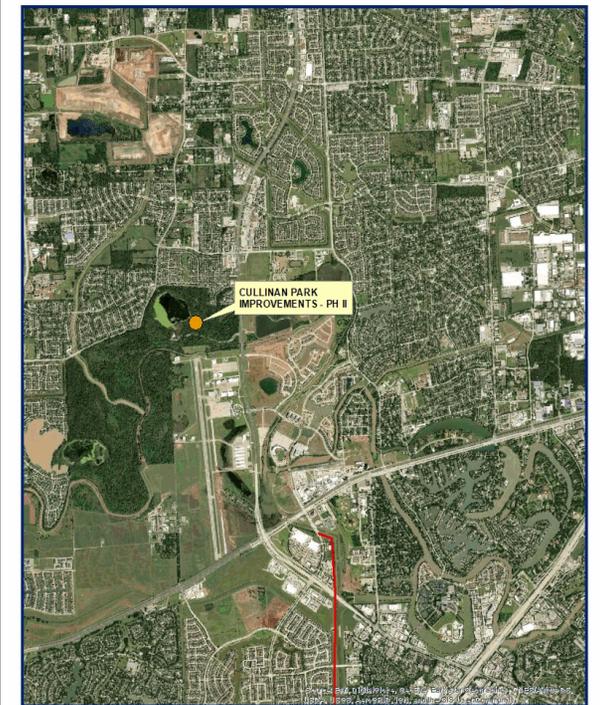
DESCRIPTION The Phase II project will potentially include a 1.2 miles of trails, park entry road expansion and additional parking spaces.

JUSTIFICATION In January 2016, the City of Sugar Land (CoSL) annexed the 754-acre Cullinan Park under an Interlocal Agreement with the City of Houston, along with a Memorandum of Understanding between the City and the Cullinan Park Conservancy. The project is funded by Cullinan Park Conservancy, including \$200K from the Texas Parks and Wildlife Recreation Grant.

IMPACT ON OPERATING BUDGET					
Expenditures	2024	2025	2026	2027	2028
Personnel	0	0	0	0	0
Operating	0	0	0	0	0
Capital	0	0	0	0	0
GRAND TOTAL	\$ 0				

PROJECT COSTS	Project Budget To Date	FISCAL YEAR PLAN					Project Total
		BUDGET	PLANNED				
		2024	2025	2026	2027	2028	
Analysis/Study/Assessment							
Preliminary Engineering Design							
Design							
Construction	105,138	0	0	0	0	0	\$ 105,138
Land/ROW							
Furniture, Fixtures, Equipment							
Contingency							
GRAND TOTAL	\$ 105,138	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 105,138

SOURCE OF FUNDS	Project Budget To Date	FISCAL YEAR PLAN					Project Total
		BUDGET	PLANNED				
		2024	2025	2026	2027	2028	
Donations	105,138	0	0	0	0	0	\$ 105,138
GRAND TOTAL	\$ 105,138	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 105,138



PROJECT SCHEDULE	START	END
Analysis/Study/Assessment		
Preliminary Engineering Design		
Design		
Construction	Oct-22	Dec-23
Land/ROW		
Furniture, Fixtures, Equipment		

OTHER:

City Goal:	Great Place To Live
Reference:	Interlocal Agreement/Cullinan Park
Project Manager:	Parks Department
Estimator:	Parks Department

**CITY OF SUGAR LAND
2024 - 2028 CAPITAL IMPROVEMENT PROGRAM
Parks**

PROJECT NO. CPK2202	PROJECT TITLE Old Imperial Farm Cemetery Improvements
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DESCRIPTION Design, restoration and enhancements of the existing cemetery to create a historical and cultural destination site.	IMPACT ON OPERATING BUDGET					
	Expenditures	2024	2025	2026	2027	2028
	Personnel	0	0	0	0	0
	Operating	0	0	0	0	0
	Capital	0	0	0	0	0
	GRAND TOTAL	\$ 0				
JUSTIFICATION Opportunity to enhance the existing cemetery site as a historic marker and cultural element in Sugar Land.						

PROJECT COSTS	Project Budget To Date	FISCAL YEAR PLAN					Project Total
		BUDGET	PLANNED				
		2024	2025	2026	2027	2028	
Analysis/Study/Assessment							
Preliminary Engineering Design							
Design	25,000	0	0	0	0	0	\$ 25,000
Construction	112,500	0	0	0	0	0	\$ 112,500
Land/ROW							
Furniture, Fixtures, Equipment							
Contingency	12,500	0	0	0	0	0	\$ 12,500
GRAND TOTAL	\$ 150,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 150,000

SOURCE OF FUNDS	Project Budget To Date	FISCAL YEAR PLAN					Project Total
		BUDGET	PLANNED				
		2024	2025	2026	2027	2028	
SL4B	150,000	0	0	0	0	0	\$ 150,000
GRAND TOTAL	\$ 150,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 150,000



PROJECT SCHEDULE	START	END
Analysis/Study/Assessment		
Preliminary Engineering Design		
Design	Oct-21	Dec-22
Construction	Oct-22	Oct-23
Land/ROW		
Furniture, Fixtures, Equipment		

OTHER:

City Goal:	Great Place To Live
Reference:	Parks Master Plan
Project Manager:	Asst City Manager Office
Estimator:	Asst City Manager Office

**CITY OF SUGAR LAND
2024 - 2028 CAPITAL IMPROVEMENT PROGRAM
Parks**

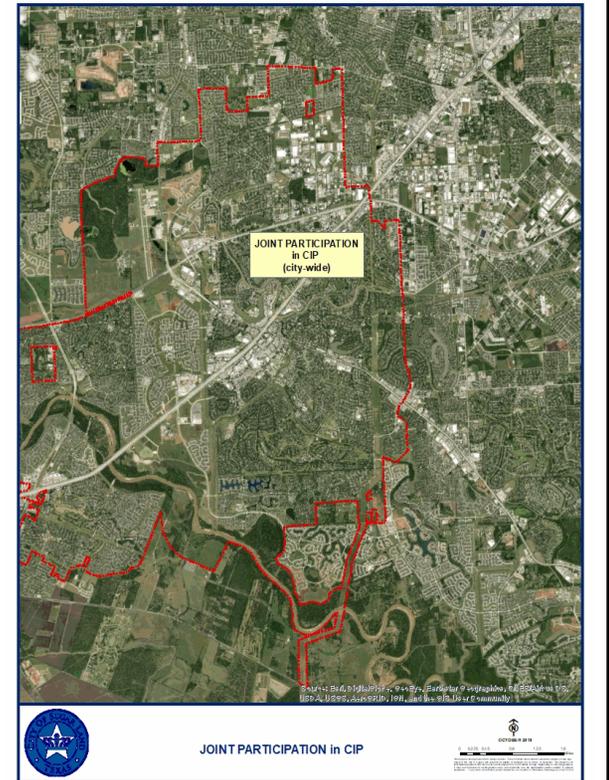
PROJECT NO. CPK2301	PROJECT TITLE Joint Participation in CIP
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DESCRIPTION Provide funds for joint participation in CIP projects between the City and citizen-based organizations that benefit the general public. Project takes advantage of partnering opportunities to enhance and preserve the quality of life for City residents.
JUSTIFICATION Funding will provide community partnership opportunities. Impact to operating budget will be determined upon submission of the project request(s) and could determine if a project(s) is recommended for funding.

IMPACT ON OPERATING BUDGET					
Expenditures	2024	2025	2026	2027	2028
Personnel	0	0	0	0	0
Operating	0	0	0	0	0
Capital	0	0	0	0	0
GRAND TOTAL	\$ 0				

PROJECT COSTS	Project Budget To Date	FISCAL YEAR PLAN					Project Total
		BUDGET	PLANNED				
		2024	2025	2026	2027	2028	
Analysis/Study/Assessment							
Preliminary Engineering Design							
Design							
Construction	800,000	0	0	0	0	0	\$ 800,000
Land/ROW							
Furniture, Fixtures, Equipment							
Contingency							
GRAND TOTAL	\$ 800,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 800,000

SOURCE OF FUNDS	Project Budget To Date	FISCAL YEAR PLAN					Project Total
		BUDGET	PLANNED				
		2024	2025	2026	2027	2028	
SL4B	800,000	0	0	0	0	0	\$ 800,000
GRAND TOTAL	\$ 800,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 800,000



PROJECT SCHEDULE	START	END
Analysis/Study/Assessment		
Preliminary Engineering Design		
Design		
Construction		
Land/ROW		
Furniture, Fixtures, Equipment		

OTHER:

City Goal:	Building Community
Reference:	Joint Participation Policy
Project Manager:	Economic Development
Estimator:	Economic Development

**CITY OF SUGAR LAND
2024 - 2028 CAPITAL IMPROVEMENT PROGRAM
Parks**

PROJECT NO. CPK2302	PROJECT TITLE Cullinan Park Improvements - PH III
-------------------------------	---

DESCRIPTION
Design and construct a nature discovery area currently named Learn, Explore and Play (L.E.A.P.) to add nature-oriented features which will allow for educational opportunities as well as enhancing the park as a regional destination.

JUSTIFICATION
In January 2016, the City of Sugar Land (CoSL) annexed the 754-acre Cullinan Park under an Interlocal Agreement with the City of Houston, along with a Memorandum of Understanding between the City and the Cullinan Park Conservancy. Accordingly, the City is responsible for maintaining and operating the park.

IMPACT ON OPERATING BUDGET					
Expenditures	2024	2025	2026	2027	2028
Personnel	0	0	0	0	0
Operating	0	0	0	0	0
Capital	0	0	0	0	0
GRAND TOTAL	\$ 0				

PROJECT COSTS	Project Budget To Date	FISCAL YEAR PLAN					Project Total
		BUDGET	PLANNED				
		2024	2025	2026	2027	2028	
Analysis/Study/Assessment							
Preliminary Engineering Design							
Design							
Construction	1,000,000	0	0	0	0	0	\$ 1,000,000
Land/ROW							
Furniture, Fixtures, Equipment							
Contingency							
GRAND TOTAL	\$ 1,000,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 1,000,000

SOURCE OF FUNDS	Project Budget To Date	FISCAL YEAR PLAN					Project Total
		BUDGET	PLANNED				
		2024	2025	2026	2027	2028	
Donations	1,000,000	0	0	0	0	0	\$ 1,000,000
GRAND TOTAL	\$ 1,000,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 1,000,000



PROJECT SCHEDULE	START	END
Analysis/Study/Assessment		
Preliminary Engineering Design		
Design	Jan-24	Dec-24
Construction	Dec-24	Dec-25
Land/ROW		
Furniture, Fixtures, Equipment		

OTHER:

City Goal:	Great Place To Live
Reference:	Interlocal Agreement/Cullinan Park
Project Manager:	Parks Department
Estimator:	Parks Department

**CITY OF SUGAR LAND
2024 - 2028 CAPITAL IMPROVEMENT PROGRAM
Parks**

PROJECT NO. CPK2304	PROJECT TITLE Relocate Skate Park/ Pickleball Courts @ City Park
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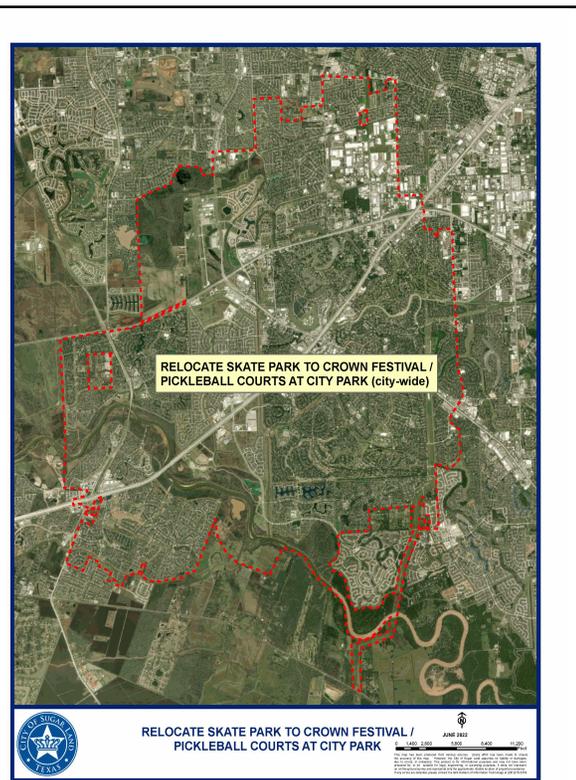
DESCRIPTION
At the Crown Festival Site - Adding a 5-6" thick structural 80' x 100' concrete skate park pad, a 20' x 20' shade canopy with concrete floor, relocating the existing skate park ramps, and then at City Park converting the old skate park pavilion to three new pickleball courts.

JUSTIFICATION
The objective would be to join the skate park to the pump track for more synergy and a one stop place for similar activities and also adding much needed pickleball courts to City Park. This would also aid in the noise complaints we have received from the existing skate park at City Park.

IMPACT ON OPERATING BUDGET					
Expenditures	2024	2025	2026	2027	2028
Personnel	0	0	0	0	0
Operating	0	0	0	0	0
Capital	0	0	0	0	0
GRAND TOTAL	\$ 0				

PROJECT COSTS	Project Budget To Date	FISCAL YEAR PLAN					Project Total
		BUDGET	PLANNED				
		2024	2025	2026	2027	2028	
Analysis/Study/Assessment							
Preliminary Engineering Design							
Design							
Construction	225,000	0	0	0	0	0	\$ 225,000
Land/ROW							
Furniture, Fixtures, Equipment							
Contingency							
GRAND TOTAL	\$ 225,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 225,000

SOURCE OF FUNDS	Project Budget To Date	FISCAL YEAR PLAN					Project Total
		BUDGET	PLANNED				
		2024	2025	2026	2027	2028	
SL4B	225,000	0	0	0	0	0	\$ 225,000
GRAND TOTAL	\$ 225,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 225,000



PROJECT SCHEDULE	START	END
Analysis/Study/Assessment		
Preliminary Engineering Design		
Design		
Construction	Oct-22	Sep-23
Land/ROW		
Furniture, Fixtures, Equipment		

OTHER:
This project will be funded with ARPA funds.

City Goal:	Responsible City Government
Reference:	Parks Master Plan
Project Manager:	Parks Department
Estimator:	Parks Department

**CITY OF SUGAR LAND
2024 - 2028 CAPITAL IMPROVEMENT PROGRAM
Parks**

PROJECT NO. CPK2401	PROJECT TITLE Joint Participation in CIP
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DESCRIPTION Provide funds for joint participation in CIP projects between the City and citizen-based organizations that benefit the general public. Project takes advantage of partnering opportunities to enhance and preserve the quality of life for City residents.
JUSTIFICATION Funding will provide community partnership opportunities. Impact to operating budget will be determined upon submission of the project request(s) and could determine if a project(s) is recommended for funding.

IMPACT ON OPERATING BUDGET					
Expenditures	2024	2025	2026	2027	2028
Personnel	0	0	0	0	0
Operating	0	0	0	0	0
Capital	0	0	0	0	0
GRAND TOTAL	\$ 0				

PROJECT COSTS	Project Budget To Date	FISCAL YEAR PLAN					Project Total
		BUDGET	PLANNED				
		2024	2025	2026	2027	2028	
Analysis/Study/Assessment							
Preliminary Engineering Design							
Design							
Construction	0	200,000	200,000	200,000	200,000	200,000	\$ 1,000,000
Land/ROW							
Furniture, Fixtures, Equipment							
Contingency							
GRAND TOTAL	\$ 0	\$ 200,000	\$ 1,000,000				

SOURCE OF FUNDS	Project Budget To Date	FISCAL YEAR PLAN					Project Total
		BUDGET	PLANNED				
		2024	2025	2026	2027	2028	
SL4B	0	200,000	200,000	200,000	200,000	200,000	\$ 1,000,000
GRAND TOTAL	\$ 0	\$ 200,000	\$ 1,000,000				



PROJECT SCHEDULE	START	END
Analysis/Study/Assessment		
Preliminary Engineering Design		
Design		
Construction	Oct-23	Sep-28
Land/ROW		
Furniture, Fixtures, Equipment		

OTHER:

City Goal:	Building Community
Reference:	Joint Participation Policy
Project Manager:	Economic Development
Estimator:	Economic Development

**2024 - 2028 CAPITAL IMPROVEMENT PROGRAM
STREETS**

PROJECT NO.	PROJECT NAME	PRIOR FUNDING	2024 BUDGET	2025 ESTIMATE	2026 ESTIMATE	2027 ESTIMATE	2028 ESTIMATE	2024-2028 TOTAL
CST1703	SH6 Beautification Planning	\$ 100,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
CST1901	Soldiers Field Ext to SH6/Roundabout @ First Colony Blvd. & Brooks St Improvement	2,788,750	1,100,000	-	-	-	-	1,100,000
CST2003	Owens Road - Mobility Bond Project	14,130,000	-	-	-	-	-	-
CST2102	University Blvd. Widening- Mobility Bond Project	3,150,000	900,000	-	-	-	-	900,000
CST2202	Brooks Street and First Colony Intersection Improvements at SH6	524,896	-	-	-	-	-	-
CST2203	University Blvd. Widening- Mobility Bond Project (Intersection Improvements)	360,000	-	-	-	-	-	-
CST2302	Major Street Rehabilitation	4,000,000	-	-	-	-	-	-
CST2401	Country Club Blvd. Improvements from Sugar Creek to Chesterfield	1,700,000	1,000,000	-	-	-	-	1,000,000
CST2402	Brazos River Turnaround Alternate - UHSL Roadway	-	4,000,000	5,640,000	-	-	-	9,640,000
	TOTAL FUNDING	26,753,646	\$ 7,000,000	\$ 5,640,000	\$ -	\$ -	\$ -	\$ 12,640,000

SOURCE OF FUNDS	PRIOR FUNDING	2024 BUDGET	2025 ESTIMATE	2026 ESTIMATE	2027 ESTIMATE	2028 ESTIMATE	2024-2028 TOTAL
General Revenue	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
CO's	788,750	3,000,000	-	-	-	-	3,000,000
SLDC	820,000	2,000,000	2,820,000	-	-	-	4,820,000
SL4B	300,000	2,000,000	2,820,000	-	-	-	4,820,000
Revenue Bonds	-	-	-	-	-	-	-
GO Bonds	9,860,000	-	-	-	-	-	-
System Revenues	-	-	-	-	-	-	-
CIP Fund Balance	90,000	-	-	-	-	-	-
Other Funding	14,920,000	-	-	-	-	-	-
TOTAL	26,778,750	\$ 7,000,000	\$ 5,640,000	\$ -	\$ -	\$ -	\$ 12,640,000

**CITY OF SUGAR LAND
2024 - 2028 CAPITAL IMPROVEMENT PROGRAM
SUMMARY BY FUNDING SOURCES - STREETS**

PROJECT NAME	2024 BUDGET	2025 ESTIMATE	2026 ESTIMATE	2027 ESTIMATE	2028 ESTIMATE	2024-2028 TOTAL
Brazos River Turnaround Alternate - UHSL Roadway	\$ 2,000,000	\$ 2,820,000	\$ -	\$ -	\$ -	\$ 4,820,000
TOTAL - SLDC	\$ 2,000,000	\$ 2,820,000	\$ -	\$ -	\$ -	\$ 4,820,000

PROJECT NAME	2024 BUDGET	2025 ESTIMATE	2026 ESTIMATE	2027 ESTIMATE	2028 ESTIMATE	2024-2028 TOTAL
Brazos River Turnaround Alternate - UHSL Roadway	\$ 2,000,000	\$ 2,820,000	\$ -	\$ -	\$ -	\$ 4,820,000
TOTAL - SL4B	\$ 2,000,000	\$ 2,820,000	\$ -	\$ -	\$ -	\$ 4,820,000

PROJECT NAME	2024	2025	2026	2027	2028	2024-2028
Soldiers Field Ext to SH6/Roundabout @ First Colony Blvd. & Brooks St Improvement	\$ 1,100,000	-	-	-	-	\$ 1,100,000
University Blvd. Widening- Mobility Bond Project	\$ 900,000	\$ -	\$ -	\$ -	\$ -	\$ 900,000
Country Club Blvd. Improvements from Sugar Creek to Chesterfield	\$ 1,000,000	-	-	-	-	1,000,000
TOTAL - CO's	\$ 3,000,000	\$ -	\$ -	\$ -	\$ -	\$ 3,000,000

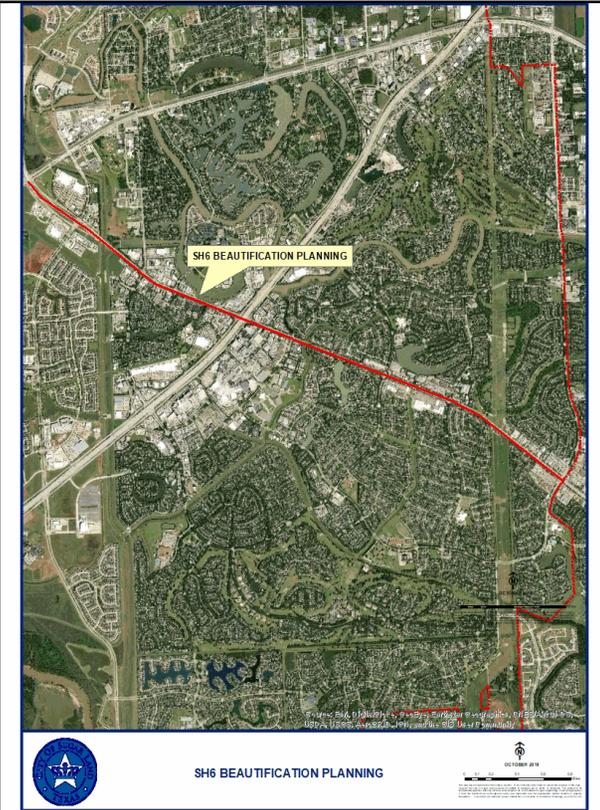
**CITY OF SUGAR LAND
2024 - 2028 CAPITAL IMPROVEMENT PROGRAM
Streets**

PROJECT NO. CST1703	PROJECT TITLE SH6 Beautification Planning
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DESCRIPTION Planning for landscaping improvements done after completion of the SH6 widening project from US90A to Dulles Avenue.	IMPACT ON OPERATING BUDGET					
	Expenditures	2024	2025	2026	2027	2028
	Personnel	0	0	0	0	0
	Operating	0	0	0	0	0
	Capital	0	0	0	0	0
JUSTIFICATION Restoration of irrigation and landscaping disrupted from the construction project.	GRAND TOTAL	\$ 0				

PROJECT COSTS	Project Budget To Date	FISCAL YEAR PLAN					Project Total
		BUDGET	PLANNED				
		2024	2025	2026	2027	2028	
Analysis/Study/Assessment							
Preliminary Engineering Design	100,000	0	0	0	0	0	\$ 100,000
Design							
Construction							
Land/ROW							
Furniture, Fixtures, Equipment							
Contingency							
GRAND TOTAL	\$ 100,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 100,000

SOURCE OF FUNDS	Project Budget To Date	FISCAL YEAR PLAN					Project Total
		BUDGET	PLANNED				
		2024	2025	2026	2027	2028	
SL4B	100,000	0	0	0	0	0	\$ 100,000
GRAND TOTAL	\$ 100,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 100,000



PROJECT SCHEDULE	START	END
Analysis/Study/Assessment		
Preliminary Engineering Design		
Design		
Construction	Apr-22	Jun-24
Land/ROW		
Furniture, Fixtures, Equipment		

OTHER:
Design completed in-house through Engineering and Parks staff. Construction Let and Managed by TxDOT.

City Goal:	Great Place To Live
Reference:	Streetscape Policy
Project Manager:	Engineering Department
Estimator:	Engineering Department

**CITY OF SUGAR LAND
2024 - 2028 CAPITAL IMPROVEMENT PROGRAM
Streets**

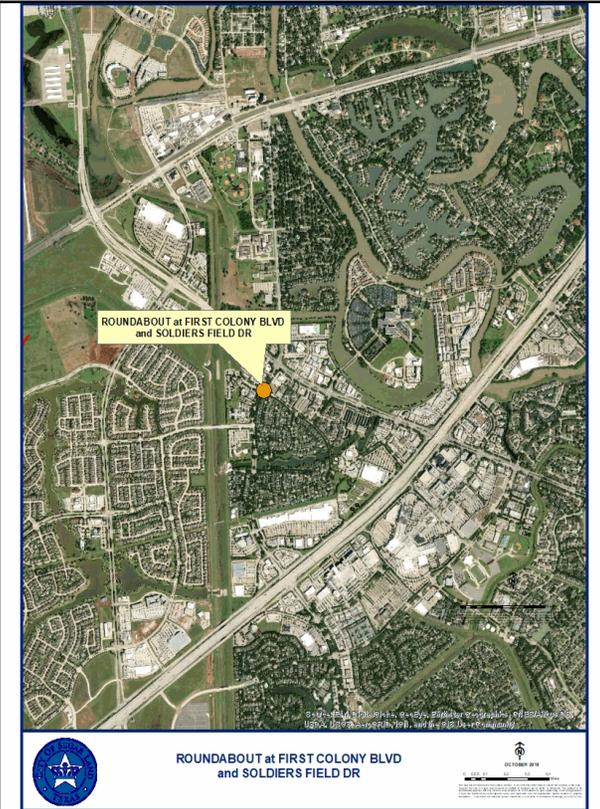
PROJECT NO. CST1901	PROJECT TITLE Soldiers Field Extension
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DESCRIPTION Construction to extend the existing Soldiers Field roadway to SH 6 and perform intersection improvements at the intersection of Soldiers Field and First Colony Boulevard.
JUSTIFICATION The current Police Department site will require improved traffic circulation. This combined with congestion issues at the intersection of First Colony Blvd at SH 6 have been identified for improvements. The extension of Soldiers Field and the roundabout will also provide access to the future Emergency Operations Center/Dispatch and Animal Shelter. This is a 2019 GO Bond project.

IMPACT ON OPERATING BUDGET					
Expenditures	2024	2025	2026	2027	2028
Personnel	0	0	0	0	0
Operating	0	0	0	0	0
Capital	0	0	0	0	0
GRAND TOTAL	\$ 0				

PROJECT COSTS	Project Budget To Date	FISCAL YEAR PLAN					Project Total
		BUDGET	PLANNED				
		2024	2025	2026	2027	2028	
Analysis/Study/Assessment							
Preliminary Engineering Design							
Design	328,750	0	0	0	0	0	\$ 328,750
Construction	2,460,000	1,100,000	0	0	0	0	\$ 3,560,000
Land/ROW							
Furniture, Fixtures, Equipment							
Contingency							
GRAND TOTAL	\$ 2,788,750	\$ 1,100,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 3,888,750

SOURCE OF FUNDS	Project Budget To Date	FISCAL YEAR PLAN					Project Total
		BUDGET	PLANNED				
		2024	2025	2026	2027	2028	
CO's	328,750	1,100,000	0	0	0	0	\$ 1,428,750
GO Bonds	2,460,000	0	0	0	0	0	\$ 2,460,000
GRAND TOTAL	\$ 2,788,750	\$ 1,100,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 3,888,750



PROJECT SCHEDULE	START	END
Analysis/Study/Assessment		
Preliminary Engineering Design		
Design	Mar-19	May-21
Construction	Feb-24	Aug-24
Land/ROW		
Furniture, Fixtures, Equipment		

OTHER:

City Goal:	Responsible City Government
Reference:	Epic Transportation Group Study
Project Manager:	Engineering Department
Estimator:	Engineering Department

**CITY OF SUGAR LAND
2024 - 2028 CAPITAL IMPROVEMENT PROGRAM
Streets**

PROJECT NO. CST2003	PROJECT TITLE Owens Road - Mobility Bond Project
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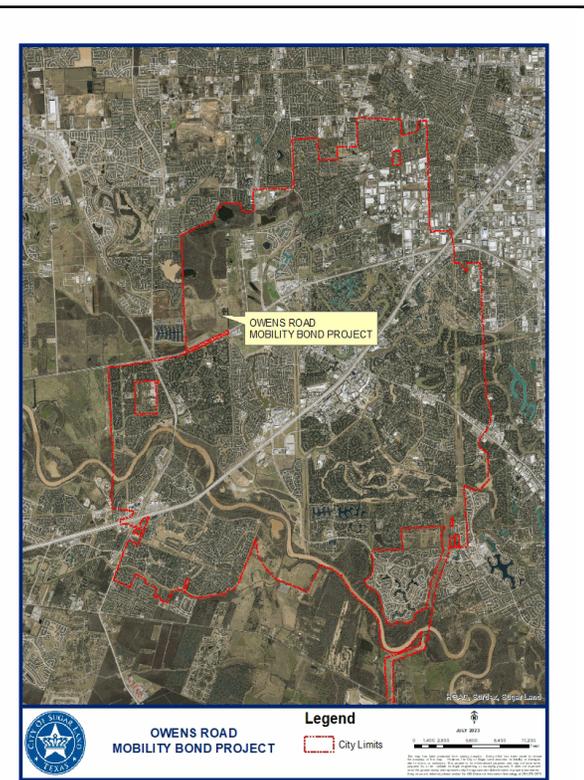
DESCRIPTION Design and construction of a 4-lane, boulevard section with curb and gutter, and storm sewer. Also, included are improvements to the intersection and traffic signal at US90A, upgrade the railroad crossing, and construct and outfall/overflow channel.

JUSTIFICATION Improve mobility and enhance economic development within the Central Prison Unit Tract 2 area. Project was included in the 2017 and 2020 Fort Bend County Mobility Bonds.

IMPACT ON OPERATING BUDGET					
Expenditures	2024	2025	2026	2027	2028
Personnel	0	0	0	0	0
Operating	0	0	0	0	0
Capital	0	0	0	0	0
GRAND TOTAL	\$ 0				

PROJECT COSTS	Project Budget To Date	FISCAL YEAR PLAN					Project Total
		BUDGET	PLANNED				
		2024	2025	2026	2027	2028	
Analysis/Study/Assessment							
Preliminary Engineering Design							
Design	820,000	0	0	0	0	0	\$ 820,000
Construction	13,310,000	0	0	0	0	0	\$ 13,310,000
Land/ROW							
Furniture, Fixtures, Equipment							
Contingency							
GRAND TOTAL	\$ 14,130,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 14,130,000

SOURCE OF FUNDS	Project Budget To Date	FISCAL YEAR PLAN					Project Total
		BUDGET	PLANNED				
		2024	2025	2026	2027	2028	
SLDC	820,000	0	0	0	0	0	\$ 820,000
Other Funding Sources	13,310,000	0	0	0	0	0	\$ 13,310,000
GRAND TOTAL	\$ 14,130,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 14,130,000



PROJECT SCHEDULE	START	END
Analysis/Study/Assessment		
Preliminary Engineering Design		
Design	Aug-22	Dec-23
Construction	Mar-24	Mar-25
Land/ROW		
Furniture, Fixtures, Equipment		

OTHER:
FBC Mobility Bond Funding allocated with \$3.47M in 2017 and \$9.84M in 2020.

City Goal:	Great Place To Live
Reference:	Mobility Program
Project Manager:	Engineering Department
Estimator:	Engineering Department

**CITY OF SUGAR LAND
2024 - 2028 CAPITAL IMPROVEMENT PROGRAM
Streets**

PROJECT NO. CST2102	PROJECT TITLE University Blvd Widening- Mobility Bond Project
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DESCRIPTION Design and construction of one additional lane in each direction of the existing concrete boulevard roadway from Wentworth to New Territory Blvd. Project includes intersection improvements at New Territory Blvd, Telfair Ave. Lexington Blvd, and Wentworth Ave.

JUSTIFICATION Over the past few years the segment of University Blvd from New Territory Blvd to Lexington Blvd has seen tremendous growth in traffic and the intersection with US59/IH-69 has become critical to mobility within this corridor. Project was included in the 2013 and 2017 Fort Bend County Mobility Bonds, and the 2019 GO Bond.
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IMPACT ON OPERATING BUDGET					
Expenditures	2024	2025	2026	2027	2028
Personnel	0	0	0	0	0
Operating	0	0	0	0	0
Capital	0	0	0	0	0
GRAND TOTAL	\$ 0				

PROJECT COSTS	Project Budget To Date	FISCAL YEAR PLAN					Project Total
		BUDGET	PLANNED				
		2024	2025	2026	2027	2028	
Analysis/Study/Assessment							
Preliminary Engineering Design							
Design	200,000	0	0	0	0	0	\$ 200,000
Construction	2,950,000	900,000	0	0	0	0	\$ 3,850,000
Land/ROW							
Furniture, Fixtures, Equipment							
Contingency							
GRAND TOTAL	\$ 3,150,000	\$ 900,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 4,050,000

SOURCE OF FUNDS	Project Budget To Date	FISCAL YEAR PLAN					Project Total
		BUDGET	PLANNED				
		2024	2025	2026	2027	2028	
CO's	0	900,000	0	0	0	0	\$ 900,000
Other Funding Sources	1,450,000	0	0	0	0	0	\$ 1,450,000
GO Bonds	1,700,000	0	0	0	0	0	\$ 1,700,000
GRAND TOTAL	\$ 3,150,000	\$ 900,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 4,050,000



PROJECT SCHEDULE	START	END
Analysis/Study/Assessment		
Preliminary Engineering Design		
Design	Apr-22	Dec-23
Construction	Feb-24	Feb-25
Land/ROW		
Furniture, Fixtures, Equipment		

OTHER:
This project will be funded with 2013 and 2017 Fort Bend County Mobility Bonds for a total of \$1,450,000.

City Goal:	Great Place To Live
Reference:	Mobility Program
Project Manager:	Engineering Department
Estimator:	Engineering Department

**CITY OF SUGAR LAND
2024 - 2028 CAPITAL IMPROVEMENT PROGRAM
Streets**

PROJECT NO. CST2202	PROJECT TITLE Brooks Street and First Colony Intersection Improvements at SH6
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DESCRIPTION Construction of geometric and signal timing improvements to provide for concurrent left turn movements from the Brooks Street and First Colony Boulevard approaches.	IMPACT ON OPERATING BUDGET					
	Expenditures	2024	2025	2026	2027	2028
	Personnel	0	0	0	0	0
	Operating	0	0	0	0	0
	Capital	0	0	0	0	0
JUSTIFICATION Improve traffic congestion and overall mobility at the intersection.	GRAND TOTAL	\$ 0				

PROJECT COSTS	Project Budget To Date	FISCAL YEAR PLAN					Project Total
		BUDGET	PLANNED				
		2024	2025	2026	2027	2028	
Analysis/Study/Assessment							
Preliminary Engineering Design							
Design	40,000	0	0	0	0	0	\$ 40,000
Construction	484,896	0	0	0	0	0	\$ 484,896
Land/ROW							
Furniture, Fixtures, Equipment							
Contingency							
GRAND TOTAL	\$ 524,896	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 524,896

SOURCE OF FUNDS	Project Budget To Date	FISCAL YEAR PLAN					Project Total
		BUDGET	PLANNED				
		2024	2025	2026	2027	2028	
CO's	460,000	0	0	0	0	0	\$ 460,000
CIP Fund Balance	90,000	0	0	0	0	0	\$ 90,000
GRAND TOTAL	\$ 550,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 550,000



PROJECT SCHEDULE	START	END
Analysis/Study/Assessment		
Preliminary Engineering Design		
Design	Jul-19	Aug-22
Construction	Aug-23	Nov-23
Land/ROW		
Furniture, Fixtures, Equipment		

OTHER:

City Goal:	Responsible City Government
Reference:	Epic Transportation Group Study
Project Manager:	Engineering Department
Estimator:	Engineering Department

**CITY OF SUGAR LAND
2024 - 2028 CAPITAL IMPROVEMENT PROGRAM
Streets**

PROJECT NO. CST2203	PROJECT TITLE University Blvd Widening - Mobility Bond (Intersection Improvements)
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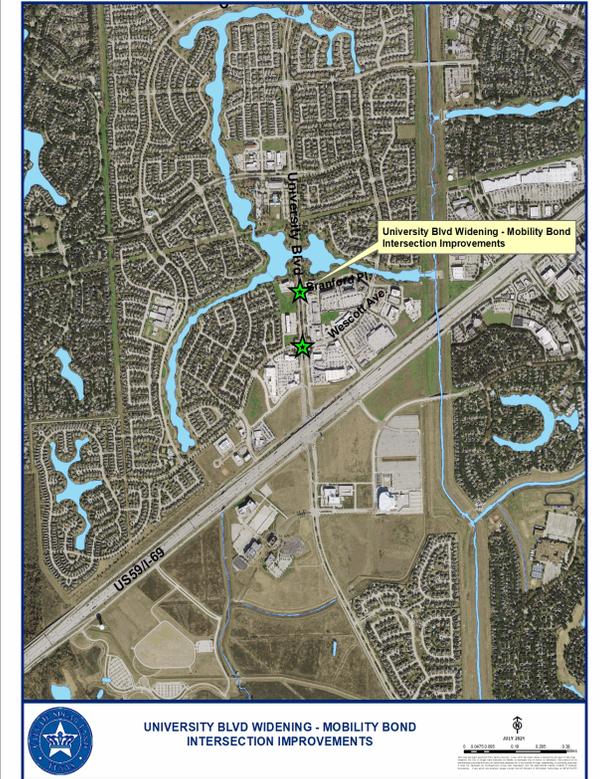
DESCRIPTION Design and construction of intersection improvements at Wescott Avenue and Branford Place along University Boulevard. Improvements to include but not limited to dual left turn lanes, bays and other necessary enhancements.

JUSTIFICATION The 2020 Fort Bend County Mobility Bond approved funding for the intersection improvements along University Boulevard at various locations for safety and enhanced mobility.
--

IMPACT ON OPERATING BUDGET					
Expenditures	2024	2025	2026	2027	2028
Personnel	0	0	0	0	0
Operating	0	0	0	0	0
Capital	0	0	0	0	0
GRAND TOTAL	\$ 0				

PROJECT COSTS	Project Budget To Date	FISCAL YEAR PLAN					Project Total
		BUDGET	PLANNED				
		2024	2025	2026	2027	2028	
Analysis/Study/Assessment							
Preliminary Engineering Design							
Design	40,000	0	0	0	0	0	\$ 40,000
Construction	320,000	0	0	0	0	0	\$ 320,000
Land/ROW							
Furniture, Fixtures, Equipment							
Contingency							
GRAND TOTAL	\$ 360,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 360,000

SOURCE OF FUNDS	Project Budget To Date	FISCAL YEAR PLAN					Project Total
		BUDGET	PLANNED				
		2024	2025	2026	2027	2028	
SL4B	200,000	0	0	0	0	0	\$ 200,000
Other Funding Sources	160,000	0	0	0	0	0	\$ 160,000
GRAND TOTAL	\$ 360,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 360,000



PROJECT SCHEDULE	START	END
Analysis/Study/Assessment		
Preliminary Engineering Design		
Design	Apr-22	Dec-23
Construction	Feb-24	Feb-25
Land/ROW		
Furniture, Fixtures, Equipment		

OTHER:
This project will be funded in FY23 with Fort Bend County 2020 Mobility Bond.

City Goal:	Safest City
Reference:	2020 FBC Mobility Bond
Project Manager:	Engineering Department
Estimator:	Engineering Department

**CITY OF SUGAR LAND
2024 - 2028 CAPITAL IMPROVEMENT PROGRAM
Streets**

PROJECT NO. CST2302	PROJECT TITLE Major Street Rehabilitation
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DESCRIPTION
Reconstruction of roadways identified as part of the Pavement Management and Maintenance Program (PMMP): including Park One Drive, portion of West Airport Blvd and local streets such as Audubon Ct. among others.

JUSTIFICATION
The PMMP was developed to assist in extending the usable life of pavement infrastructure through strategic maintenance practices including pavement replacement.

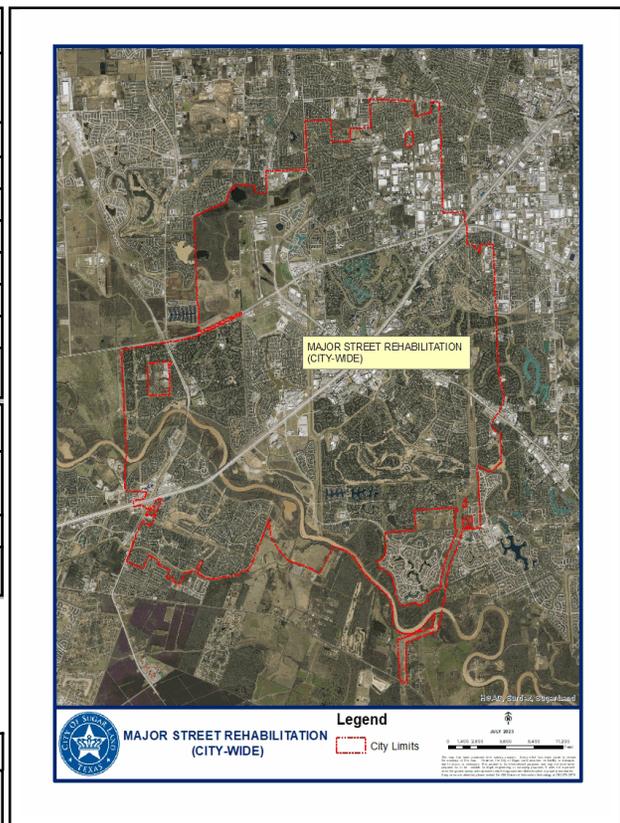
IMPACT ON OPERATING BUDGET					
Expenditures	2024	2025	2026	2027	2028
Personnel	0	0	0	0	0
Operating	0	0	0	0	0
Capital	0	0	0	0	0
GRAND TOTAL	\$ 0				

PROJECT COSTS	Project Budget To Date	FISCAL YEAR PLAN					Project Total
		BUDGET	PLANNED				
		2024	2025	2026	2027	2028	
Analysis/Study/Assessment							
Preliminary Engineering Design							
Design							
Construction	4,000,000	0	0	0	0	0	\$ 4,000,000
Land/ROW							
Furniture, Fixtures, Equipment							
Contingency							
GRAND TOTAL	\$ 4,000,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 4,000,000

SOURCE OF FUNDS	Project Budget To Date	FISCAL YEAR PLAN					Project Total
		BUDGET	PLANNED				
		2024	2025	2026	2027	2028	
GO Bonds	4,000,000	0	0	0	0	0	\$ 4,000,000
GRAND TOTAL	\$ 4,000,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 4,000,000

PROJECT SCHEDULE	START	END
Analysis/Study/Assessment		
Preliminary Engineering Design		
Design		
Construction	Oct-23	Oct-24
Land/ROW		
Furniture, Fixtures, Equipment		

OTHER:



City Goal:	Responsible City Government
Reference:	PMMP
Project Manager:	Public Works Department
Estimator:	Public Works Department

**CITY OF SUGAR LAND
2024 - 2028 CAPITAL IMPROVEMENT PROGRAM
Streets**

PROJECT NO. CST2401	PROJECT TITLE Country Club Blvd Improvements from Sugar Creek to Chesterfield
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DESCRIPTION Reconstruction of Country Club Boulevard from Sugar Creek Boulevard to Chesterfield Lane. The project is coordinated with drainage improvements for Montclair Drive in Sugar Creek, in conjunction with CIP CDR2102 Phase II.

JUSTIFICATION The PMMP was developed to assist in extending the useful life of pavement infrastructure through strategic maintenance practices including pavement replacement and reconstruction. Country Club Blvd was identified for total reconstruction.
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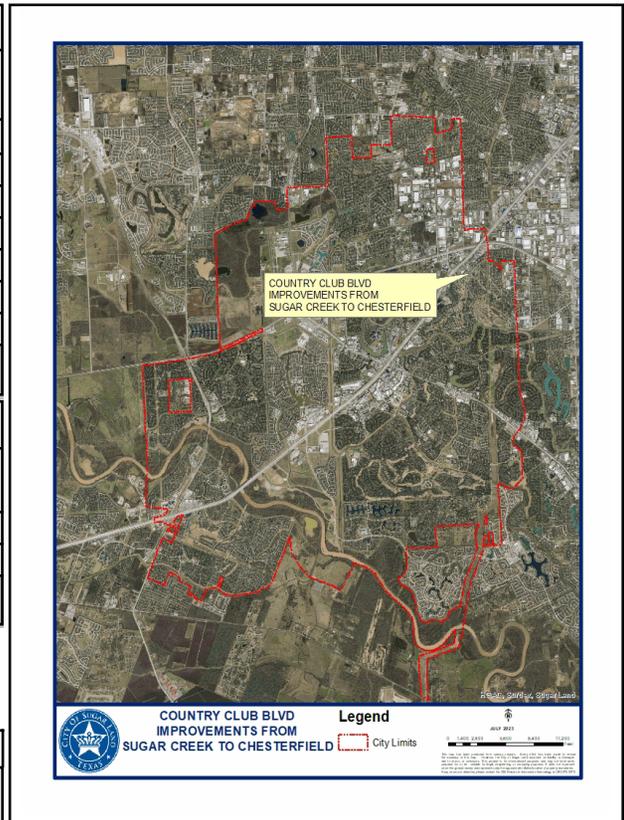
IMPACT ON OPERATING BUDGET					
Expenditures	2024	2025	2026	2027	2028
Personnel	0	0	0	0	0
Operating	0	0	0	0	0
Capital	0	0	0	0	0
GRAND TOTAL	\$ 0				

PROJECT COSTS	Project Budget To Date	FISCAL YEAR PLAN					Project Total
		BUDGET	PLANNED				
		2024	2025	2026	2027	2028	
Analysis/Study/Assessment							
Preliminary Engineering Design							
Design							
Construction	1,700,000	1,000,000	0	0	0	0	\$ 2,700,000
Land/ROW							
Furniture, Fixtures, Equipment							
Contingency							
GRAND TOTAL	\$ 1,700,000	\$ 1,000,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 2,700,000

SOURCE OF FUNDS	Project Budget To Date	FISCAL YEAR PLAN					Project Total
		BUDGET	PLANNED				
		2024	2025	2026	2027	2028	
CO's	0	1,000,000	0	0	0	0	\$ 1,000,000
GO Bonds	1,700,000	0	0	0	0	0	\$ 1,700,000
GRAND TOTAL	\$ 1,700,000	\$ 1,000,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 2,700,000

PROJECT SCHEDULE	START	END
Analysis/Study/Assessment		
Preliminary Engineering Design		
Design		
Construction	Oct-23	Dec-24
Land/ROW		
Furniture, Fixtures, Equipment		

OTHER:



City Goal:	Responsible City Government
Reference:	PMMP
Project Manager:	Engineering Department
Estimator:	Engineering Department

**CITY OF SUGAR LAND
2024 - 2028 CAPITAL IMPROVEMENT PROGRAM
Streets**

PROJECT NO. CST2402	PROJECT TITLE Brazos River Turnaround Alternate -UHSL Roadway
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DESCRIPTION Design and construction of a 4-lane divided concrete boulevard with sidepaths and two collector, 2-lane concrete roadways with sidewalks. The project also includes intersection improvements at US59/University Blvd and US59/99.
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JUSTIFICATION The closure of the southbound US59 u-turn at Brazos River has caused challenging traffic issues and access to the city's Brazos River Park and U/H Sugar Land campus. TxDOT has agreed to move forward with an Advanced Funding Agreement to construct the new roadway through University of Houston (Sugar Land campus) in lieu of reconstructing the southbound u-turn at Brazos River.

IMPACT ON OPERATING BUDGET					
Expenditures	2024	2025	2026	2027	2028
Personnel	0	0	0	0	0
Operating	0	0	0	0	0
Capital	0	0	0	0	0
GRAND TOTAL	\$ 0				

PROJECT COSTS	Project Budget To Date	FISCAL YEAR PLAN					Project Total
		BUDGET	PLANNED				
		2024	2025	2026	2027	2028	
Analysis/Study/Assessment							
Preliminary Engineering Design							
Design	0	4,000,000	5,640,000	0	0	0	\$ 9,640,000
Construction							
Land/ROW							
Furniture, Fixtures, Equipment							
Contingency							
GRAND TOTAL	\$ 0	\$ 4,000,000	\$ 5,640,000	\$ 0	\$ 0	\$ 0	\$ 9,640,000

SOURCE OF FUNDS	Project Budget To Date	FISCAL YEAR PLAN					Project Total
		BUDGET	PLANNED				
		2024	2025	2026	2027	2028	
SLDC	0	2,000,000	2,820,000	0	0	0	\$ 4,820,000
SL4B	0	2,000,000	2,820,000	0	0	0	\$ 4,820,000
GRAND TOTAL	\$ 0	\$ 4,000,000	\$ 5,640,000	\$ 0	\$ 0	\$ 0	\$ 9,640,000



PROJECT SCHEDULE	START	END
Analysis/Study/Assessment		
Preliminary Engineering Design		
Design	Dec-23	Nov-24
Construction	Dec-24	Sep-25
Land/ROW		
Furniture, Fixtures, Equipment		

OTHER:
80% of the project cost will be funded by HGAC TIP grant. The estimated total construction cost is approximately \$28.2M.

City Goal:	Responsible City Government
Reference:	TxDOT AFA
Project Manager:	Engineering Department
Estimator:	Engineering Department

CITY OF SUGAR LAND
2024 - 2028 CAPITAL IMPROVEMENT PROGRAM
SURFACE WATER

PROJECT NO.	PROJECT NAME	PRIOR FUNDING	2024 BUDGET	2025 ESTIMATE	2026 ESTIMATE	2027 ESTIMATE	2028 ESTIMATE	2024-2028 TOTAL
CSW2001	Surface Water Treatment Plant Expansion	\$ 796,250	\$ -	\$ -	\$ 3,500,000	\$ 59,805,000	\$ -	63,305,000
CSW2002	Surface Water Transmission Lines	477,800	-	-	2,000,000	14,131,000	-	16,131,000
CSW2101	Groundwater Plant Surface Water Conversion	200,000	-	-	1,050,000	9,873,000	-	10,923,000
CSW2301	Telfair Raw Water Pump Station	260,000	-	-	-	-	-	-
CSW2401	SWTP Rehab Ph 1 - Chemical System Replacement/Improvements	-	964,000	6,425,000	-	-	-	7,389,000
CSW2501	SWTP Rehab Ph 2 - Chemical System Replacement/Improvements	-	-	429,000	4,859,000	-	-	5,288,000
CSW2502	IWRP Update	-	-	500,000	-	-	-	500,000
CSW2801	North WWTP Reuse PER	-	-	-	-	-	527,000	527,000
	TOTAL FUNDING	\$ 1,734,050	\$ 964,000	\$ 7,354,000	\$ 11,409,000	\$ 83,809,000	\$ 527,000	\$ 104,063,000

SOURCE OF FUNDS	PRIOR FUNDING	2024 BUDGET	2025 ESTIMATE	2026 ESTIMATE	2027 ESTIMATE	2028 ESTIMATE	2024-2028 TOTAL
General Revenue	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
CO's	-	-	-	-	-	-	-
SLDC	-	-	-	-	-	-	-
SL4B	-	-	-	-	-	-	-
Revenue Bonds	1,734,050	964,000	7,354,000	11,409,000	50,809,000	527,000	71,063,000
System Revenues	-	-	-	-	-	-	-
Other Funding	-	-	-	-	33,000,000	-	33,000,000
TOTAL	\$ 1,734,050	\$ 964,000	\$ 7,354,000	\$ 11,409,000	\$ 83,809,000	\$ 527,000	\$ 104,063,000

CITY OF SUGAR LAND
 2024 - 2028 CAPITAL IMPROVEMENT PROGRAM
 SUMMARY BY FUNDING SOURCES - SURFACE WATER

PROJECT NAME	2024 BUDGET	2025 ESTIMATE	2026 ESTIMATE	2027 ESTIMATE	2028 ESTIMATE	2024-2028 TOTAL
Surface Water Treatment Plant Expansion	\$ -	\$ -	\$ 3,500,000	\$ 26,805,000	\$ -	\$ 30,305,000
Surface Water Transmission Lines	-	-	2,000,000	14,131,000	-	16,131,000
Groundwater Plant Surface Water Conversion	-	-	1,050,000	9,873,000	-	10,923,000
SWTP Rehab Ph 1 - Chemical System Replacement/Improvements	964,000	6,425,000	-	-	-	7,389,000
SWTP Rehab Ph 2 - Chemical System Replacement/Improvements	-	429,000	4,859,000	-	-	5,288,000
IWRP Update	-	500,000	-	-	-	500,000
North WWTP Reuse PER	-	-	-	-	527,000	527,000
TOTAL - REVENUE BONDS	\$ 964,000	\$ 7,354,000	\$ 11,409,000	\$ 50,809,000	\$ 527,000	\$ 71,063,000

PROJECT NAME	2024 BUDGET	2025 ESTIMATE	2026 ESTIMATE	2027 ESTIMATE	2028 ESTIMATE	2024-2028 TOTAL
Surface Water Treatment Plant Expansion	\$ -	\$ -	\$ -	\$ 33,000,000	\$ -	\$ 33,000,000
TOTAL - OTHER FUNDS	\$ -	\$ -	\$ -	\$ 33,000,000	\$ -	\$ 33,000,000

**CITY OF SUGAR LAND
2024 - 2028 CAPITAL IMPROVEMENT PROGRAM
Surface Water**

PROJECT NO. CSW2001	PROJECT TITLE Surface Water Treatment Plant Expansion
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DESCRIPTION Preliminary Engineering Report (PER), design and construction of the Surface Water Treatment Plant expansion from its current rated capacity of 10.85 MGD to 16 MGD.
--

JUSTIFICATION Fort Bend Subsidence District requires the City to convert to 60% surface water supply by 2027. To meet this second phase surface water conversion requirement, the existing Surface Water Treatment Plant will need to be expanded as identified in the recommendations of the Integrated Water Resources Plan (IWRP). City will use conversion credits to postpone construction for two years.
--

IMPACT ON OPERATING BUDGET					
Expenditures	2024	2025	2026	2027	2028
Personnel	0	0	0	0	0
Operating	0	0	0	0	0
Capital	0	0	0	0	0
GRAND TOTAL	\$ 0				

PROJECT COSTS	Project Budget To Date	FISCAL YEAR PLAN					Project Total
		BUDGET	PLANNED				
		2024	2025	2026	2027	2028	
Analysis/Study/Assessment							
Preliminary Engineering Design	796,250	0	0	0	0	0	\$ 796,250
Design	0	0	0	3,500,000	0	0	\$ 3,500,000
Construction	0	0	0	0	59,805,000	0	\$ 59,805,000
Land/ROW							
Furniture, Fixtures, Equipment							
Contingency							
GRAND TOTAL	\$ 796,250	\$ 0	\$ 0	\$ 3,500,000	\$ 59,805,000	\$ 0	\$ 64,101,250

SOURCE OF FUNDS	Project Budget To Date	FISCAL YEAR PLAN					Project Total
		BUDGET	PLANNED				
		2024	2025	2026	2027	2028	
Revenue Bonds	796,250	0	0	3,500,000	26,805,000	0	\$ 31,101,250
Other Funding Sources	0	0	0	0	33,000,000	0	\$ 33,000,000
GRAND TOTAL	\$ 796,250	\$ 0	\$ 0	\$ 3,500,000	\$ 59,805,000	\$ 0	\$ 64,101,250



PROJECT SCHEDULE	START	END
Analysis/Study/Assessment		
Preliminary Engineering Design	Oct-19	Sep-21
Design	Oct-26	Sep-27
Construction	Oct-27	Sep-29
Land/ROW		
Furniture, Fixtures, Equipment		

OTHER:

City Goal:	Great Place To Live
Reference:	IWRP
Project Manager:	Engineering Department
Estimator:	Engineering Department

**CITY OF SUGAR LAND
2024 - 2028 CAPITAL IMPROVEMENT PROGRAM
Surface Water**

PROJECT NO. CSW2002	PROJECT TITLE Surface Water Transmission Lines
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<p>DESCRIPTION Conduct an engineering assessment to identify the required size of the transmission line, most feasible route and any easement needs. Project also includes design and construction of the surface water transmission line.</p> <p>JUSTIFICATION Fort Bend Subsidence District requires the City to convert to 60% surface water supply by 2027. To meet this second phase surface water conversion requirement, the treated surface water will be delivered to additional groundwater plants in the City main system and extended into New Territory per the recommendations of the Integrated Water Resource Plan (IWRP).</p>	
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IMPACT ON OPERATING BUDGET					
Expenditures	2024	2025	2026	2027	2028
Personnel	0	0	0	0	0
Operating	0	0	0	0	0
Capital	0	0	0	0	0
GRAND TOTAL	\$ 0				

PROJECT COSTS	Project Budget To Date	FISCAL YEAR PLAN					Project Total
		BUDGET	PLANNED				
		2024	2025	2026	2027	2028	
Analysis/Study/Assessment	160,000	0	0	0	0	0	\$ 160,000
Preliminary Engineering Design							
Design	0	0	0	2,000,000	0	0	\$ 2,000,000
Construction	0	0	0	0	14,131,000	0	\$ 14,131,000
Land/ROW	317,800	0	0	0	0	0	\$ 317,800
Furniture, Fixtures, Equipment							
Contingency							
GRAND TOTAL	\$ 477,800	\$ 0	\$ 0	\$ 2,000,000	\$ 14,131,000	\$ 0	\$ 16,608,800

SOURCE OF FUNDS	Project Budget To Date	FISCAL YEAR PLAN					Project Total
		BUDGET	PLANNED				
		2024	2025	2026	2027	2028	
Revenue Bonds	477,800	0	0	2,000,000	14,131,000	0	\$ 16,608,800
GRAND TOTAL	\$ 477,800	\$ 0	\$ 0	\$ 2,000,000	\$ 14,131,000	\$ 0	\$ 16,608,800



PROJECT SCHEDULE	START	END
Analysis/Study/Assessment		
Preliminary Engineering Design		
Design	Oct-23	Sep-24
Construction	Oct-26	Oct-28
Land/ROW	Jan-22	Jul-24
Furniture, Fixtures, Equipment		

OTHER:

City Goal:	Responsible City Government
Reference:	Freese & Nichols 2020 Study
Project Manager:	Engineering Department
Estimator:	Engineering Department

**CITY OF SUGAR LAND
2024 - 2028 CAPITAL IMPROVEMENT PROGRAM
Surface Water**

PROJECT NO. CSW2101	PROJECT TITLE Groundwater Plant Surface Water Conversion
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DESCRIPTION Conduct Preliminary Engineering (PER), design and construction for the City main system and existing Homeward Way, Woodchester, and Austin Parkway groundwater plants to prepare for the second phase of the surface water conversion, including identified storage needs, pumping capacity assessments, and surface water and ground water blending study.
JUSTIFICATION Fort Bend Subsidence District requires the City to convert to 60% surface water supply by 2025. To meet this second phase requirement, the treated surface water will be delivered to Woodchester and Austin Parkway groundwater plants in the City main system and extended to Homeward Way groundwater plant in the New Territory system per the recommendation of the Integrated Water Resources Plan (IWRP).

IMPACT ON OPERATING BUDGET					
Expenditures	2024	2025	2026	2027	2028
Personnel	0	0	0	0	0
Operating	0	0	0	0	0
Capital	0	0	0	0	0
GRAND TOTAL	\$ 0				

PROJECT COSTS	Project Budget To Date	FISCAL YEAR PLAN					Project Total
		BUDGET	PLANNED				
		2024	2025	2026	2027	2028	
Analysis/Study/Assessment							
Preliminary Engineering Design	165,000	0	0	0	0	0	\$ 165,000
Design	0	0	0	1,050,000	0	0	\$ 1,050,000
Construction	0	0	0	0	9,873,000	0	\$ 9,873,000
Land/ROW	35,000	0	0	0	0	0	\$ 35,000
Furniture, Fixtures, Equipment							
Contingency							
GRAND TOTAL	\$ 200,000	\$ 0	\$ 0	\$ 1,050,000	\$ 9,873,000	\$ 0	\$ 11,123,000

SOURCE OF FUNDS	Project Budget To Date	FISCAL YEAR PLAN					Project Total
		BUDGET	PLANNED				
		2024	2025	2026	2027	2028	
Revenue Bonds	200,000	0	0	1,050,000	9,873,000	0	\$ 11,123,000
GRAND TOTAL	\$ 200,000	\$ 0	\$ 0	\$ 1,050,000	\$ 9,873,000	\$ 0	\$ 11,123,000



PROJECT SCHEDULE	START	END
Analysis/Study/Assessment		
Preliminary Engineering Design	Oct-20	Sep-21
Design	Oct-26	Sep-27
Construction	Oct-27	Oct-29
Land/ROW		
Furniture, Fixtures, Equipment		

OTHER:

City Goal:	Responsible City Government
Reference:	IWRP
Project Manager:	Engineering Department
Estimator:	Engineering Department

**CITY OF SUGAR LAND
2024 - 2028 CAPITAL IMPROVEMENT PROGRAM
Surface Water**

PROJECT NO. CSW2301	PROJECT TITLE Telfair Raw Water Pump Station Rehab
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DESCRIPTION
The pump station provides raw surface water from Oyster Creek to FBC LID17 (Telfair) to fill amenity lakes and provide irrigation supplies. The scope will include rehab of the intake structure, address bank erosion and evaluate pump condition.

JUSTIFICATION
The City owns several raw water pump stations, providing raw surface water to fill amenity lakes and irrigation as part of the Groundwater Reduction Program to meet Fort Bend Subsidence District regulations. The Telfair pump station provides approximately 200MG of raw water to the Telfair lake system annually. The pump station is approximately 15 years old and needs to be rehabilitated.

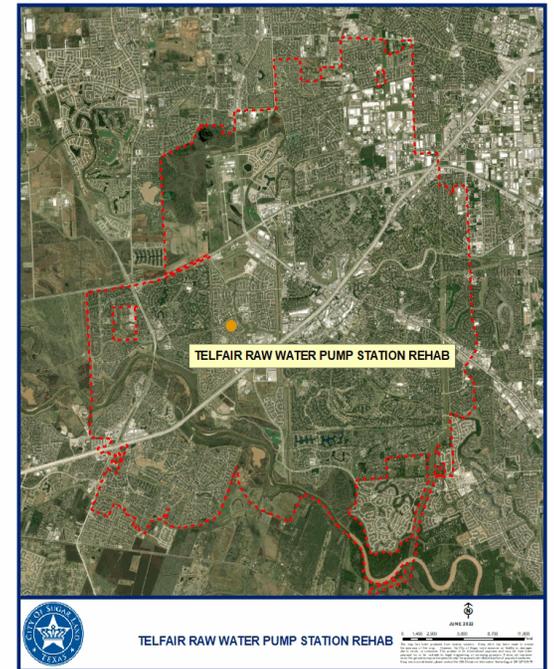
IMPACT ON OPERATING BUDGET					
Expenditures	2024	2025	2026	2027	2028
Personnel	0	0	0	0	0
Operating	0	0	0	0	0
Capital	0	0	0	0	0
GRAND TOTAL	\$ 0				

PROJECT COSTS	Project Budget To Date	FISCAL YEAR PLAN					Project Total
		BUDGET	PLANNED				
		2024	2025	2026	2027	2028	
Analysis/Study/Assessment							
Preliminary Engineering Design							
Design							
Construction	260,000	0	0	0	0	0	\$ 260,000
Land/ROW							
Furniture, Fixtures, Equipment							
Contingency							
GRAND TOTAL	\$ 260,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 260,000

SOURCE OF FUNDS	Project Budget To Date	FISCAL YEAR PLAN					Project Total
		BUDGET	PLANNED				
		2024	2025	2026	2027	2028	
Revenue Bonds	260,000	0	0	0	0	0	\$ 260,000
GRAND TOTAL	\$ 260,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 260,000

PROJECT SCHEDULE	START	END
Analysis/Study/Assessment		
Preliminary Engineering Design		
Design		
Construction	Oct-22	Sep-23
Land/ROW		
Furniture, Fixtures, Equipment		

OTHER:



City Goal:	Responsible City Government
Reference:	Public Works
Project Manager:	Engineering Department
Estimator:	Public Works Department

**CITY OF SUGAR LAND
2024 - 2028 CAPITAL IMPROVEMENT PROGRAM
Surface Water**

PROJECT NO. CSW2401	PROJECT TITLE SWTP Rehab Ph 1- Chemical System Replacement/ Improvements
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DESCRIPTION
Phase 1 scope includes chlorine dioxide system improvements, chemical metering pump replacements, chemical transfer pump replacements, chemical protective coating, chemical piping replacement, ventilation improvements and safety equipment replacements for showers and eyewash stations.

JUSTIFICATION
The Surface Water Treatment Plan (SWTP) was constructed in 2013. As the facility has aged, staff has identified equipment which needs repairs or replacements. These improvements to the SWTP were identified in the City of Sugar Land Surface Water Treatment Plant Capital Improvement Planning and Cost Development Technical Memorandum. Recommendations are identified in two phases. Phase 1 is focused on the chemical systems.

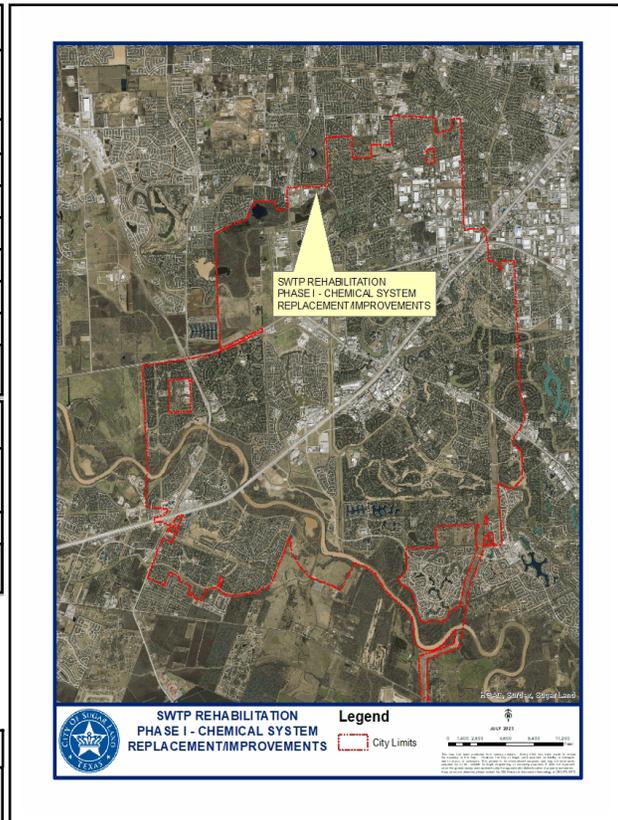
IMPACT ON OPERATING BUDGET					
Expenditures	2024	2025	2026	2027	2028
Personnel	0	0	0	0	0
Operating	0	0	0	0	0
Capital	0	0	0	0	0
GRAND TOTAL	\$ 0				

PROJECT COSTS	Project Budget To Date	FISCAL YEAR PLAN					Project Total
		BUDGET	PLANNED				
		2024	2025	2026	2027	2028	
Analysis/Study/Assessment							
Preliminary Engineering Design							
Design	0	964,000	0	0	0	0	\$ 964,000
Construction	0	0	6,425,000	0	0	0	\$ 6,425,000
Land/ROW							
Furniture, Fixtures, Equipment							
Contingency							
GRAND TOTAL	\$ 0	\$ 964,000	\$ 6,425,000	\$ 0	\$ 0	\$ 0	\$ 7,389,000

SOURCE OF FUNDS	Project Budget To Date	FISCAL YEAR PLAN					Project Total
		BUDGET	PLANNED				
		2024	2025	2026	2027	2028	
Revenue Bonds	0	964,000	6,425,000	0	0	0	\$ 7,389,000
GRAND TOTAL	\$ 0	\$ 964,000	\$ 6,425,000	\$ 0	\$ 0	\$ 0	\$ 7,389,000

PROJECT SCHEDULE	START	END
Analysis/Study/Assessment		
Preliminary Engineering Design		
Design	Oct-23	Jun-25
Construction	Jul-25	Nov-26
Land/ROW		
Furniture, Fixtures, Equipment		

OTHER:



City Goal: Responsible City Government
Reference: SWTP CIP and Cost Development Technical Memorandum
Project Manager: Engineering Department
Estimator: Public Works Department

**CITY OF SUGAR LAND
2024 - 2028 CAPITAL IMPROVEMENT PROGRAM
Surface Water**

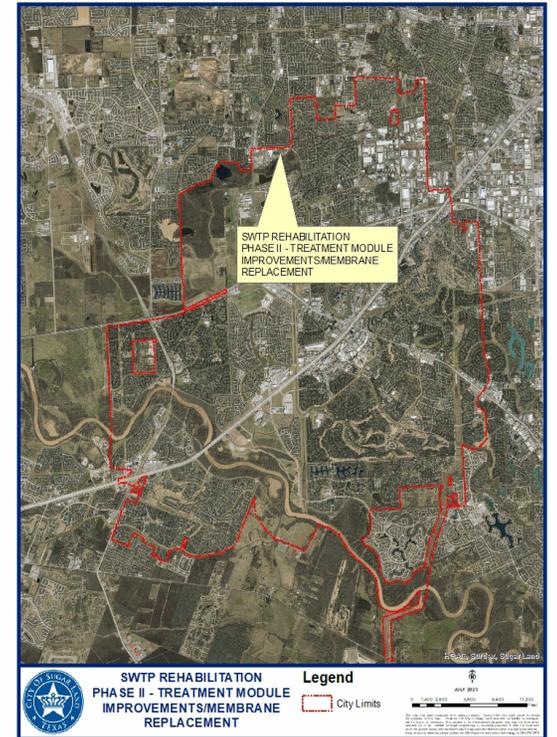
PROJECT NO. CSW2501	PROJECT TITLE SWTP Rehab Ph 2- Treatment Module 1 Imp/ Membrane Replacement
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DESCRIPTION Phase 2 is focused on the treatment module improvements, pump and check valve replacements, membrane replacements, and residual solids handling improvements. This includes chain and flight sludge collectors replacements, flocculator motor and drive replacements, finished water sample pump replacements, check valve replacements, membrane strainer isolation improvements, CIP
JUSTIFICATION The Surface Water Treatment Plan (SWTP) was constructed in 2013. As the facility has aged, staff has identified equipment which needs repairs or replacements. These improvements to the SWTP were identified in the City of Sugar Land Surface Water Treatment Plant Capital Improvement Planning and Cost Development Technical Memorandum. Recommendations are identified in two phases. Phase 2 is focused on the treatment module improvements, pump and check valve

IMPACT ON OPERATING BUDGET					
Expenditures	2024	2025	2026	2027	2028
Personnel	0	0	0	0	0
Operating	0	0	0	0	0
Capital	0	0	0	0	0
GRAND TOTAL	\$ 0				

PROJECT COSTS	Project Budget To Date	FISCAL YEAR PLAN					Project Total
		BUDGET	PLANNED				
		2024	2025	2026	2027	2028	
Analysis/Study/Assessment							
Preliminary Engineering Design							
Design	0	0	429,000	0	0	0	\$ 429,000
Construction	0	0	0	4,859,000	0	0	\$ 4,859,000
Land/ROW							
Furniture, Fixtures, Equipment							
Contingency							
GRAND TOTAL	\$ 0	\$ 0	\$ 429,000	\$ 4,859,000	\$ 0	\$ 0	\$ 5,288,000

SOURCE OF FUNDS	Project Budget To Date	FISCAL YEAR PLAN					Project Total
		BUDGET	PLANNED				
		2024	2025	2026	2027	2028	
Revenue Bonds	0	0	429,000	4,859,000	0	0	\$ 5,288,000
GRAND TOTAL	\$ 0	\$ 0	\$ 429,000	\$ 4,859,000	\$ 0	\$ 0	\$ 5,288,000



PROJECT SCHEDULE	START	END
Analysis/Study/Assessment		
Preliminary Engineering Design		
Design	Oct-24	Jun-26
Construction	Jul-26	Jul-27
Land/ROW		
Furniture, Fixtures, Equipment		

OTHER:

City Goal:	Responsible City Government
Reference:	SWTP CIP and Cost Development Technical M
Project Manager:	Engineering Department
Estimator:	Public Works Department

**CITY OF SUGAR LAND
2024 - 2028 CAPITAL IMPROVEMENT PROGRAM
Surface Water**

PROJECT NO. CSW2502	PROJECT TITLE IWRP Update
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DESCRIPTION
The scope of this project is to review the recommendations of the IWRP, the status of implementation and the current landscape of the Fort Bend Subsidence District regulatory plan.

JUSTIFICATION
The Integrated Water Resource Plan was adopted by City Council in January 2019 as a roadmap for water supply planning for growth and meeting groundwater regulations from the Fort Bend Subsidence District. Since the approval, the City has made progress in implementation of the recommendations. Additionally, the Fort Bend Subsidence District has delayed the Regulatory Plan from 2025 to 2027.

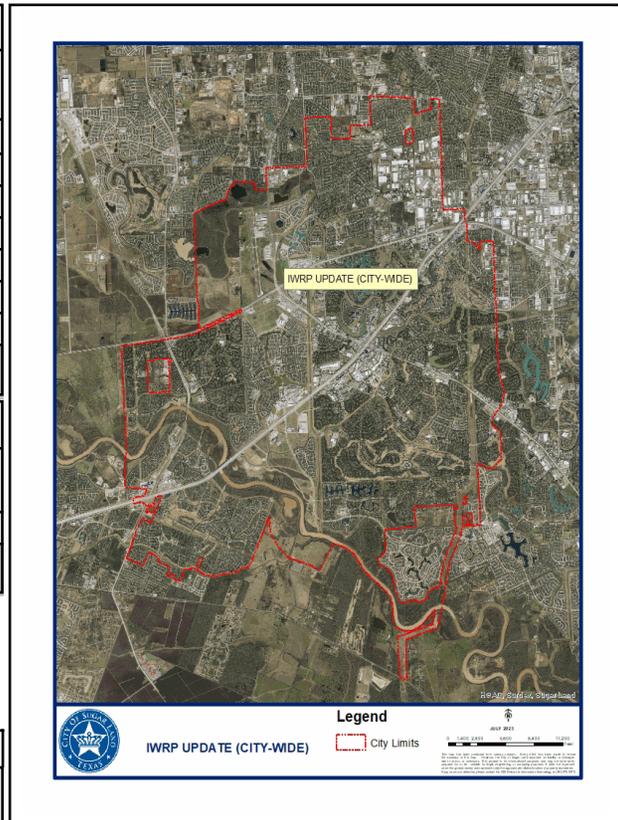
IMPACT ON OPERATING BUDGET					
Expenditures	2024	2025	2026	2027	2028
Personnel	0	0	0	0	0
Operating	0	0	0	0	0
Capital	0	0	0	0	0
GRAND TOTAL	\$ 0				

PROJECT COSTS	Project Budget To Date	FISCAL YEAR PLAN					Project Total
		BUDGET	PLANNED				
		2024	2025	2026	2027	2028	
Analysis/Study/Assessment	0	0	500,000	0	0	0	\$ 500,000
Preliminary Engineering Design							
Design							
Construction							
Land/ROW							
Furniture, Fixtures, Equipment							
Contingency							
GRAND TOTAL	\$ 0	\$ 0	\$ 500,000	\$ 0	\$ 0	\$ 0	\$ 500,000

SOURCE OF FUNDS	Project Budget To Date	FISCAL YEAR PLAN					Project Total
		BUDGET	PLANNED				
		2024	2025	2026	2027	2028	
Revenue Bonds	0	0	500,000	0	0	0	\$ 500,000
GRAND TOTAL	\$ 0	\$ 0	\$ 500,000	\$ 0	\$ 0	\$ 0	\$ 500,000

PROJECT SCHEDULE	START	END
Analysis/Study/Assessment	Oct-24	Oct-25
Preliminary Engineering Design		
Design		
Construction		
Land/ROW		
Furniture, Fixtures, Equipment		

OTHER:



City Goal:	Responsible City Government
Reference:	IWRP
Project Manager:	Public Works Department
Estimator:	Public Works Department

**CITY OF SUGAR LAND
2024 - 2028 CAPITAL IMPROVEMENT PROGRAM
Surface Water**

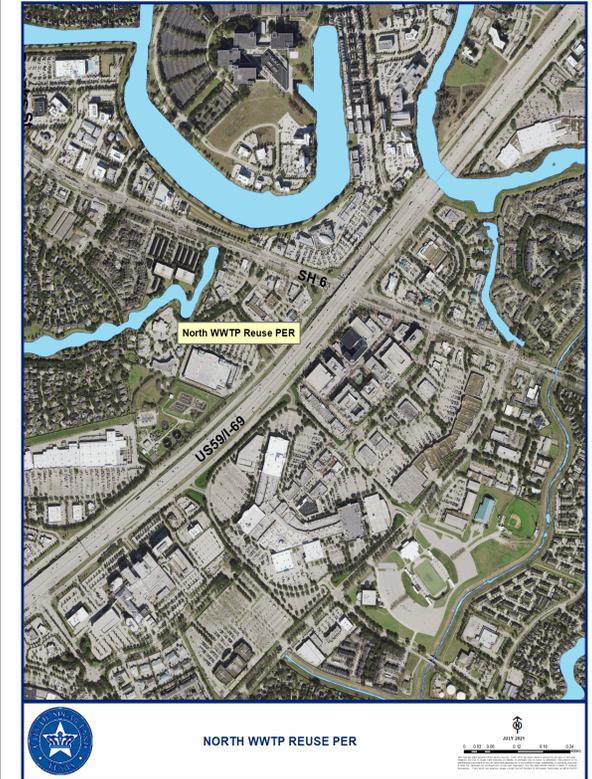
PROJECT NO. CSW2801	PROJECT TITLE North WWTP Reuse PER
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<p>DESCRIPTION</p> <p>Study the reclaimed water facility at the North Wastewater Treatment Plant that will assist in the continued compliance with Fort Bend Subsidence District (FBSD) regulations and efficient use of the City's water resources operations at the plant.</p>
<p>JUSTIFICATION</p> <p>The Integrated Water Resources Plan (IWRP) recommended a robust combination of management strategies, policies and capital improvement projects that will provide increase use of surface water through an expansion of the Surface Water Treatment Plan, expanding the reclaimed water system, and projects focused on demand reduction.</p>

IMPACT ON OPERATING BUDGET					
Expenditures	2024	2025	2026	2027	2028
Personnel	0	0	0	0	0
Operating	0	0	0	0	0
Capital	0	0	0	0	0
GRAND TOTAL	\$ 0				

PROJECT COSTS	Project Budget To Date	FISCAL YEAR PLAN					Project Total
		BUDGET	PLANNED				
		2024	2025	2026	2027	2028	
Analysis/Study/Assessment							
Preliminary Engineering Design	0	0	0	0	0	527,000	\$ 527,000
Design							
Construction							
Land/ROW							
Furniture, Fixtures, Equipment							
Contingency							
GRAND TOTAL	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 527,000	\$ 527,000

SOURCE OF FUNDS	Project Budget To Date	FISCAL YEAR PLAN					Project Total
		BUDGET	PLANNED				
		2024	2025	2026	2027	2028	
Revenue Bonds	0	0	0	0	0	527,000	\$ 527,000
GRAND TOTAL	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 527,000	\$ 527,000



PROJECT SCHEDULE	START	END
Analysis/Study/Assessment		
Preliminary Engineering Design	Oct-27	Sep-28
Design		
Construction		
Land/ROW		
Furniture, Fixtures, Equipment		

OTHER:

City Goal:	Responsible City Government
Reference:	IWRP
Project Manager:	Engineering Department
Estimator:	Public Works Department

**CITY OF SUGAR LAND
2024 - 2028 CAPITAL IMPROVEMENT PROGRAM
TRAFFIC**

PROJECT NO.	PROJECT NAME	PRIOR FUNDING	2024 BUDGET	2025 ESTIMATE	2026 ESTIMATE	2027 ESTIMATE	2028 ESTIMATE	2024-2028 TOTAL
CTR1503	Traffic Signal Management/Intelligent Transportation System (ITS)	\$ 4,263,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
CTR2201	Landscape Replacement for Major Roadway and Environmental Projects	200,000	-	-	-	-	-	-
CTR2202	Fiber Optic Cable Installation	925,000	-	-	-	-	-	-
CTR2203	ITS-Railroad Monitoring, Communication and Notification System	2,280,000	-	-	-	-	-	-
CTR2301	Landscape Replacement for Major Roadway and Environmental Projects	200,000	-	-	-	-	-	-
CTR2302	SH6/Settler's Way Intersection Improvements	300,000	-	-	-	-	-	-
CTR2401	Landscape Replacement for Major Roadway and Environmental Projects	-	200,000	200,000	200,000	200,000	200,000	1,000,000
CTR2402	Next Gen ITS Detection	-	2,300,000	-	-	-	-	2,300,000
	TOTAL FUNDING	\$ 8,168,000	\$ 2,500,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 3,300,000

SOURCE OF FUNDS	PRIOR FUNDING	2024 BUDGET	2025 ESTIMATE	2026 ESTIMATE	2027 ESTIMATE	2028 ESTIMATE	2024-2028 TOTAL
General Revenue	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
CO's	4,063,000	2,300,000	-	-	-	-	2,300,000
SLDC	-	-	-	-	-	-	-
SL4B	400,000	200,000	200,000	200,000	200,000	200,000	1,000,000
Revenue Bonds	-	-	-	-	-	-	-
Tourism Fund	-	-	-	-	-	-	-
CIP Fund Balance	1,705,000	-	-	-	-	-	-
Other Funding	2,000,000	-	-	-	-	-	-
TOTAL	\$ 8,168,000	\$ 2,500,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 3,300,000

CITY OF SUGAR LAND
 2024 - 2028 CAPITAL IMPROVEMENT PROGRAM
 SUMMARY BY FUNDING SOURCES - TRAFFIC

PROJECT NAME	2024 BUDGET	2025 ESTIMATE	2026 ESTIMATE	2027 ESTIMATE	2028 ESTIMATE	2024-2028 TOTAL
Landscape Replacement for Major Roadway and Enhancement Projects	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 1,000,000
TOTAL - SL4B	\$ 200,000	\$ 1,000,000				

PROJECT NAME	2024 BUDGET	2025 ESTIMATE	2026 ESTIMATE	2027 ESTIMATE	2028 ESTIMATE	2024-2028 TOTAL
Next Gen ITS Detection	2,300,000	-	-	-	-	\$ 2,300,000
TOTAL - CERTIFICATE OF OBLIGATIONS	\$ 2,300,000	\$ -	\$ -	\$ -	\$ -	\$ 2,300,000

**CITY OF SUGAR LAND
2024 - 2028 CAPITAL IMPROVEMENT PROGRAM
Traffic**

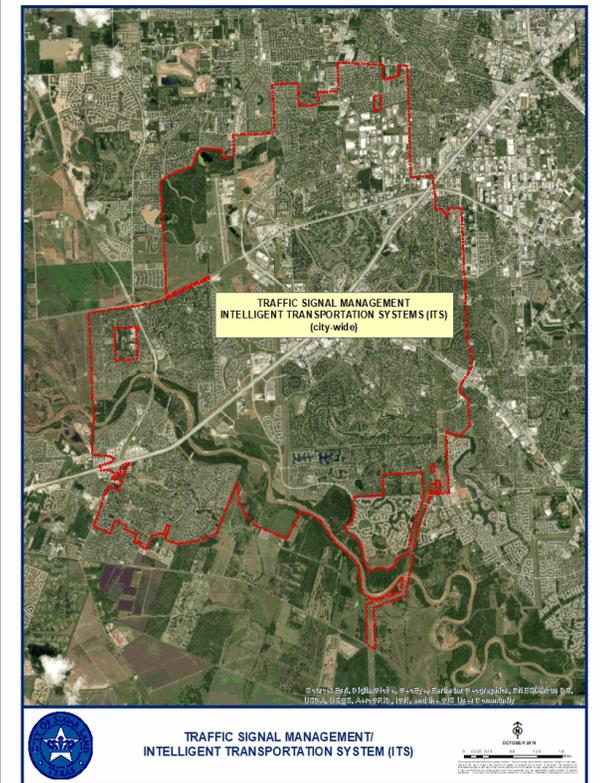
PROJECT NO. CTR1503	PROJECT TITLE Traffic Signal Management / Intelligent Transportation System (ITS)
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DESCRIPTION Program to fund the Intelligent Transportation System (ITS) Operations Plan, which was updated November 2014, to continuously advance the City's ITS.
JUSTIFICATION The ITS Operations plan listed several projects spread out over three years to stay ahead of mobility needs in the City. The program will build on the existing ITS and upgrade different systems to improve traffic flow, collect performance measures and help minimize congestion.

IMPACT ON OPERATING BUDGET					
Expenditures	2024	2025	2026	2027	2028
Personnel	0	0	0	0	0
Operating	0	0	0	0	0
Capital	0	0	0	0	0
GRAND TOTAL	\$ 0				

PROJECT COSTS	Project Budget To Date	FISCAL YEAR PLAN					Project Total
		BUDGET	PLANNED				
		2024	2025	2026	2027	2028	
Analysis/Study/Assessment							
Preliminary Engineering Design							
Design	100,000	0	0	0	0	0	\$ 100,000
Construction	3,211,000	0	0	0	0	0	\$ 3,211,000
Land/ROW							
Furniture, Fixtures, Equipment	952,000	0	0	0	0	0	\$ 952,000
Contingency							
GRAND TOTAL	\$ 4,263,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 4,263,000

SOURCE OF FUNDS	Project Budget To Date	FISCAL YEAR PLAN					Project Total
		BUDGET	PLANNED				
		2024	2025	2026	2027	2028	
CO's	4,063,000	0	0	0	0	0	\$ 4,063,000
Other Funding Sources	200,000	0	0	0	0	0	\$ 200,000
GRAND TOTAL	\$ 4,263,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 4,263,000



PROJECT SCHEDULE	START	END
Analysis/Study/Assessment		
Preliminary Engineering Design		
Design		
Construction	Oct-17	Apr-23
Land/ROW		
Furniture, Fixtures, Equipment		

OTHER:

City Goal:	Safest City
Reference:	ITS Operations
Project Manager:	Public Works Department
Estimator:	Public Works Department

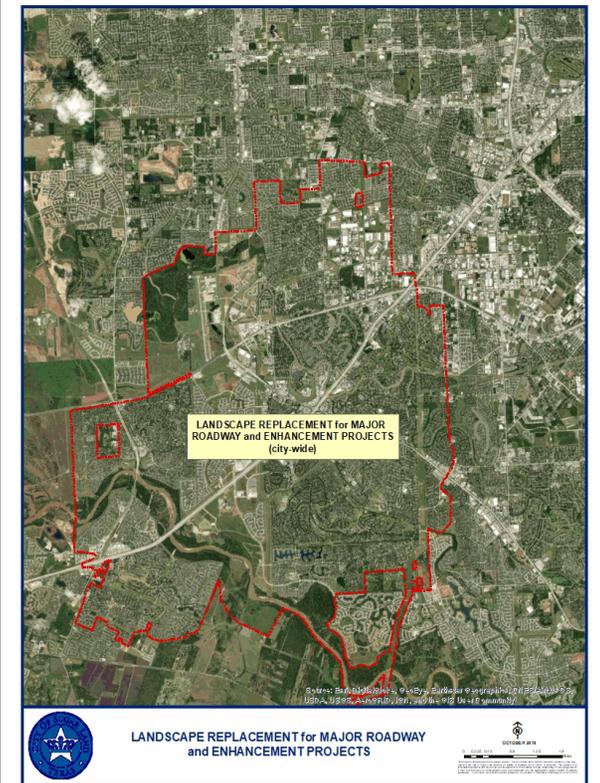
**CITY OF SUGAR LAND
2024 - 2028 CAPITAL IMPROVEMENT PROGRAM
Traffic**

PROJECT NO. CTR2201	PROJECT TITLE Landscape Replacement for Major Roadway and Environmental Projects
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DESCRIPTION Reconstruction of landscape beds along major routes through Sugar Land to improve the streetscape treatments of areas directly adjacent to interstate and state highways. Routes will include US 59/I-69, US 90A, and SH6, which are classified as Imperial and Highway 6 routes according to the Beautification Policy.	IMPACT ON OPERATING BUDGET					
	Expenditures	2024	2025	2026	2027	2028
	Personnel	0	0	0	0	0
	Operating	0	0	0	0	0
	Capital	0	0	0	0	0
JUSTIFICATION To replace or reconstruct all landscape in the various major routes due to damage from vehicular traffic and or weather.	GRAND TOTAL	\$ 0				

PROJECT COSTS	Project Budget To Date	FISCAL YEAR PLAN					Project Total
		BUDGET	PLANNED				
		2024	2025	2026	2027	2028	
Analysis/Study/Assessment							
Preliminary Engineering Design							
Design							
Construction	200,000	0	0	0	0	0	\$ 200,000
Land/ROW							
Furniture, Fixtures, Equipment							
Contingency							
GRAND TOTAL	\$ 200,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 200,000

SOURCE OF FUNDS	Project Budget To Date	FISCAL YEAR PLAN					Project Total
		BUDGET	PLANNED				
		2024	2025	2026	2027	2028	
SL4B	200,000	0	0	0	0	0	\$ 200,000
GRAND TOTAL	\$ 200,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 200,000



PROJECT SCHEDULE	START	END
Analysis/Study/Assessment		
Preliminary Engineering Design		
Design		
Construction	Oct-21	Oct-23
Land/ROW		
Furniture, Fixtures, Equipment		

OTHER:

City Goal:	Great Place To Live
Reference:	Beautification Policy
Project Manager:	Public Works Department
Estimator:	Public Works Department

**CITY OF SUGAR LAND
2024 - 2028 CAPITAL IMPROVEMENT PROGRAM
Traffic**

PROJECT NO. CTR2202	PROJECT TITLE Fiber Optic Cable Installation
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DESCRIPTION Install fiber optic cable along the US90A corridor for improved communications within the city.
JUSTIFICATION Mobility has been identified as one of the top priorities among residents. Based on the Communications Infrastructure Master Plan, fiber optic along US90A will improve safety, mobility and communication for the city. The project was approved in the 2020 FBC Mobility Bond.

IMPACT ON OPERATING BUDGET					
Expenditures	2024	2025	2026	2027	2028
Personnel	0	0	0	0	0
Operating	0	0	0	0	0
Capital	0	0	0	0	0
GRAND TOTAL	\$ 0				

PROJECT COSTS	Project Budget To Date	FISCAL YEAR PLAN					Project Total
		BUDGET	PLANNED				
		2024	2025	2026	2027	2028	
Analysis/Study/Assessment							
Preliminary Engineering Design							
Design							
Construction	925,000	0	0	0	0	0	\$ 925,000
Land/ROW							
Furniture, Fixtures, Equipment							
Contingency							
GRAND TOTAL	\$ 925,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 925,000

SOURCE OF FUNDS	Project Budget To Date	FISCAL YEAR PLAN					Project Total
		BUDGET	PLANNED				
		2024	2025	2026	2027	2028	
Other Funding Sources	470,000	0	0	0	0	0	\$ 470,000
CIP Fund Balance	455,000	0	0	0	0	0	\$ 455,000
GRAND TOTAL	\$ 925,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 925,000



PROJECT SCHEDULE	START	END
Analysis/Study/Assessment		
Preliminary Engineering Design		
Design		
Construction	Oct-21	Dec-23
Land/ROW		
Furniture, Fixtures, Equipment		

OTHER:
\$470,000 will be funded by Fort Bend 2020 Mobility Bond.

City Goal:	Safest City
Reference:	Communications Infrastructure MP
Project Manager:	Public Works Department
Estimator:	I.T. Department

**CITY OF SUGAR LAND
2024 - 2028 CAPITAL IMPROVEMENT PROGRAM
Traffic**

PROJECT NO. CTR2203	PROJECT TITLE ITS-Railroad Monitoring, Communication and Notification System
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DESCRIPTION Upgrade and expand current railroad monitoring system network to portions of the city to detect blocked rail crossings, provide effective traveler notification such as automated digital messages and portable digital message signs. Also, develop a program for data collection, standards and infrastructure to create a railroad reporting dashboard to share with the public, industry and partners.
JUSTIFICATION Mobility has been identified as one of the top priorities among residents. This project will coordinate systems through the city, Stafford, Missouri City and Richmond to better detect trains impeding mobility. Project was approved in the 2020 FBC Mobility Bond.

IMPACT ON OPERATING BUDGET					
Expenditures	2024	2025	2026	2027	2028
Personnel	0	0	0	0	0
Operating	0	0	0	0	0
Capital	0	0	0	0	0
GRAND TOTAL	\$ 0				

PROJECT COSTS	Project Budget To Date	FISCAL YEAR PLAN					Project Total
		BUDGET	PLANNED				
		2024	2025	2026	2027	2028	
Analysis/Study/Assessment							
Preliminary Engineering Design							
Design							
Construction	2,280,000	0	0	0	0	0	\$ 2,280,000
Land/ROW							
Furniture, Fixtures, Equipment							
Contingency							
GRAND TOTAL	\$ 2,280,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 2,280,000

SOURCE OF FUNDS	Project Budget To Date	FISCAL YEAR PLAN					Project Total
		BUDGET	PLANNED				
		2024	2025	2026	2027	2028	
Other Funding Sources	1,030,000	0	0	0	0	0	\$ 1,030,000
CIP Fund Balance	1,250,000	0	0	0	0	0	\$ 1,250,000
GRAND TOTAL	\$ 2,280,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 2,280,000



PROJECT SCHEDULE	START	END
Analysis/Study/Assessment		
Preliminary Engineering Design		
Design		
Construction	Oct-21	Jun-24
Land/ROW		
Furniture, Fixtures, Equipment		

OTHER:
\$1,030,000 will be funded by Fort Bend County 2020 Mobility Bond.

City Goal:	Responsible City Government
Reference:	Public Works ITS Plan
Project Manager:	Public Works Department
Estimator:	Public Works Department

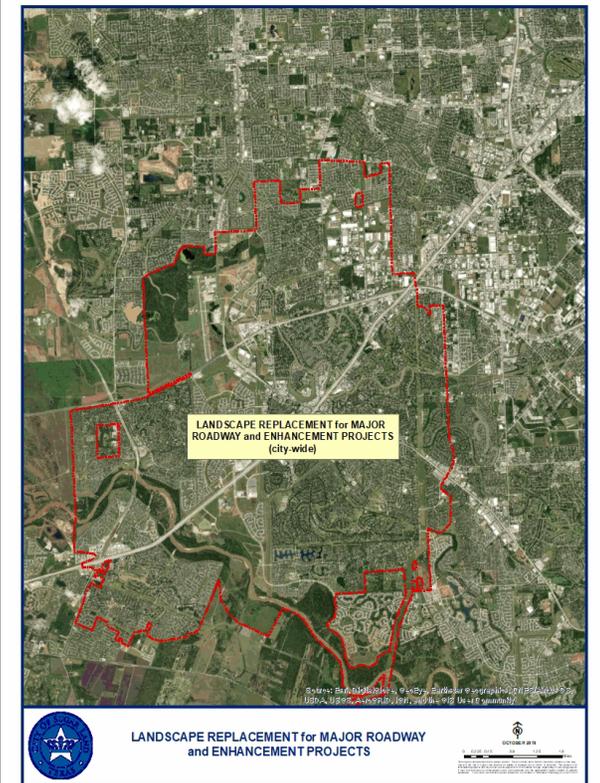
**CITY OF SUGAR LAND
2024 - 2028 CAPITAL IMPROVEMENT PROGRAM
Traffic**

PROJECT NO. CTR2301	PROJECT TITLE Landscape Replacement for Major Roadway and Enhancement Projects
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DESCRIPTION Reconstruction of landscape beds along major routes through Sugar Land to improve the streetscape treatments of areas directly adjacent to interstate and state highways. Routes will include US 59/I-69, US 90A, and SH6, which are classified as Imperial and Highway 6 routes according to the Beautification Policy.	IMPACT ON OPERATING BUDGET					
	Expenditures	2024	2025	2026	2027	2028
	Personnel	0	0	0	0	0
	Operating	0	0	0	0	0
	Capital	0	0	0	0	0
JUSTIFICATION To replace or reconstruct all landscape in the various major routes due to damage from vehicular traffic and or weather.	GRAND TOTAL	\$ 0				

PROJECT COSTS	Project Budget To Date	FISCAL YEAR PLAN					Project Total
		BUDGET	PLANNED				
		2024	2025	2026	2027	2028	
Analysis/Study/Assessment							
Preliminary Engineering Design							
Design							
Construction	200,000	0	0	0	0	0	\$ 200,000
Land/ROW							
Furniture, Fixtures, Equipment							
Contingency							
GRAND TOTAL	\$ 200,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 200,000

SOURCE OF FUNDS	Project Budget To Date	FISCAL YEAR PLAN					Project Total
		BUDGET	PLANNED				
		2024	2025	2026	2027	2028	
SL4B	200,000	0	0	0	0	0	\$ 200,000
GRAND TOTAL	\$ 200,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 200,000



PROJECT SCHEDULE	START	END
Analysis/Study/Assessment		
Preliminary Engineering Design		
Design		
Construction		
Land/ROW		
Furniture, Fixtures, Equipment		

OTHER:

City Goal:	Great Place To Live
Reference:	Beautification Policy
Project Manager:	Public Works Department
Estimator:	Public Works Department

**CITY OF SUGAR LAND
2024 - 2028 CAPITAL IMPROVEMENT PROGRAM
Traffic**

PROJECT NO. CTR2302	PROJECT TITLE SH6/Settler's Way Intersection Improvements
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<p>DESCRIPTION</p> <p>Construct northbound Settlers Way improvements per TR1902 design plans. A hooded left in median will be constructed to disallow vehicles from adjacent development to turn left onto Settlers Way Blvd. Access will still allow northbound Settlers Way vehicles to turn into the development. Construct an additional left turn lane to improve operations. The SH 6 median nose will need to be slightly</p>
<p>JUSTIFICATION</p> <p>The northbound Settlers Way Blvd approach at SH 6 has history of accidents due to nearby median opening. This project will address safety concerns through access management and improve operations by adding an additional northbound Settlers Way left turn.</p>

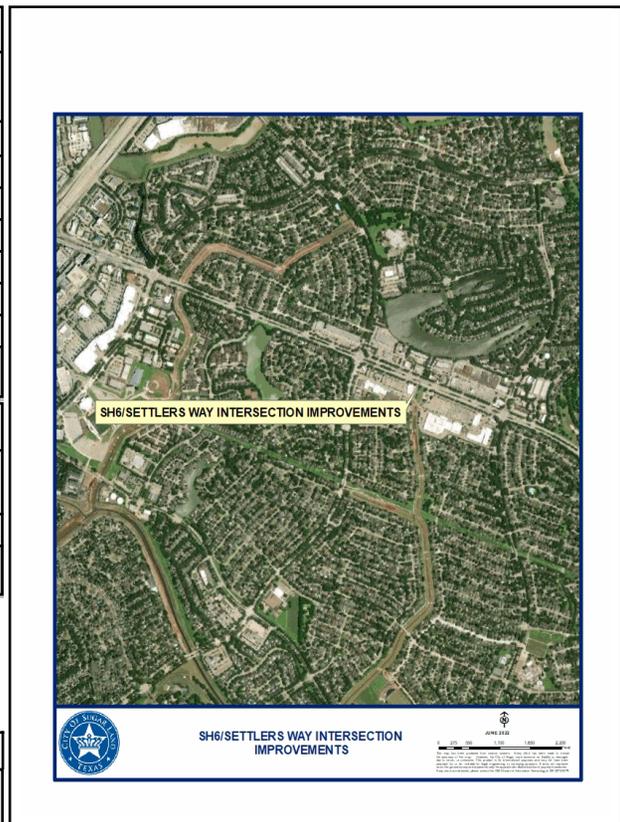
IMPACT ON OPERATING BUDGET					
Expenditures	2024	2025	2026	2027	2028
Personnel	0	0	0	0	0
Operating	0	0	0	0	0
Capital	0	0	0	0	0
GRAND TOTAL	\$ 0				

PROJECT COSTS	Project Budget To Date	FISCAL YEAR PLAN					Project Total
		BUDGET	PLANNED				
		2024	2025	2026	2027	2028	
Analysis/Study/Assessment							
Preliminary Engineering Design							
Design							
Construction	300,000	0	0	0	0	0	\$ 300,000
Land/ROW							
Furniture, Fixtures, Equipment							
Contingency							
GRAND TOTAL	\$ 300,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 300,000

SOURCE OF FUNDS	Project Budget To Date	FISCAL YEAR PLAN					Project Total
		BUDGET	PLANNED				
		2024	2025	2026	2027	2028	
Other Funding Sources	300,000	0	0	0	0	0	\$ 300,000
GRAND TOTAL	\$ 300,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 300,000

PROJECT SCHEDULE	START	END
Analysis/Study/Assessment		
Preliminary Engineering Design		
Design		
Construction	Nov-22	Oct-23
Land/ROW		
Furniture, Fixtures, Equipment		

OTHER:



City Goal:	Safest City
Reference:	Public Works
Project Manager:	Engineering Department
Estimator:	Engineering Department

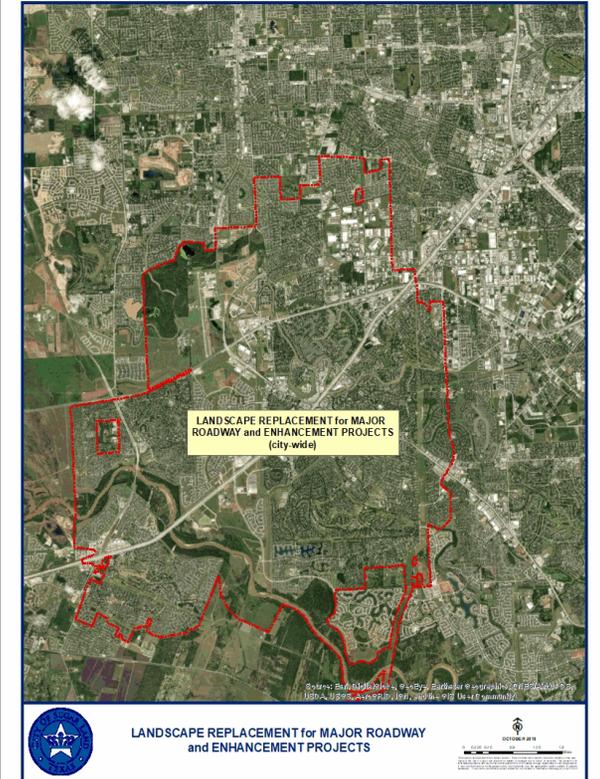
**CITY OF SUGAR LAND
2024 - 2028 CAPITAL IMPROVEMENT PROGRAM
Traffic**

PROJECT NO. CTR2401	PROJECT TITLE Landscape Replacement for Major Roadway and Environmental Projects
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DESCRIPTION Reconstruction of landscape beds along major routes through Sugar Land to improve the streetscape treatments of areas directly adjacent to interstate and state highways. Routes will include US 59/I-69, US 90A, and SH6, which are classified as Imperial and Highway 6 routes according to the Beautification Policy.	IMPACT ON OPERATING BUDGET					
	Expenditures	2024	2025	2026	2027	2028
	Personnel	0	0	0	0	0
	Operating	0	0	0	0	0
	Capital	0	0	0	0	0
JUSTIFICATION To replace or reconstruct all landscape in the various major routes due to damage from vehicular traffic and or weather.	GRAND TOTAL	\$ 0				

PROJECT COSTS	Project Budget To Date	FISCAL YEAR PLAN					Project Total
		BUDGET	PLANNED				
		2024	2025	2026	2027	2028	
Analysis/Study/Assessment							
Preliminary Engineering Design							
Design							
Construction	0	200,000	200,000	200,000	200,000	200,000	\$ 1,000,000
Land/ROW							
Furniture, Fixtures, Equipment							
Contingency							
GRAND TOTAL	\$ 0	\$ 200,000	\$ 1,000,000				

SOURCE OF FUNDS	Project Budget To Date	FISCAL YEAR PLAN					Project Total
		BUDGET	PLANNED				
		2024	2025	2026	2027	2028	
SL4B	0	200,000	200,000	200,000	200,000	200,000	\$ 1,000,000
GRAND TOTAL	\$ 0	\$ 200,000	\$ 1,000,000				



PROJECT SCHEDULE	START	END
Analysis/Study/Assessment		
Preliminary Engineering Design		
Design		
Construction	Oct-23	Sep-28
Land/ROW		
Furniture, Fixtures, Equipment		

OTHER:

City Goal:	Great Place To Live
Reference:	Beautification Policy
Project Manager:	Public Works Department
Estimator:	Public Works Department

**CITY OF SUGAR LAND
2024 - 2028 CAPITAL IMPROVEMENT PROGRAM
Traffic**

PROJECT NO. CTR2402	PROJECT TITLE Next Gen ITS Detection
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DESCRIPTION
Replace signal detection to add benefits of computer vision (delay, pedestrian counts, red light running, etc.), establish next gen controller/ATMS, ATSPMS platform, add travel time devices, and other technology improvements.

JUSTIFICATION
In order for ITS to continue to support mobility goals, hardware and software need to be upgraded after reaching end of life. Major components currently need to be replaced due to end of life and some will need to be replaced within 5 years to continue to support future ITS initiatives like connected vehicles and others.

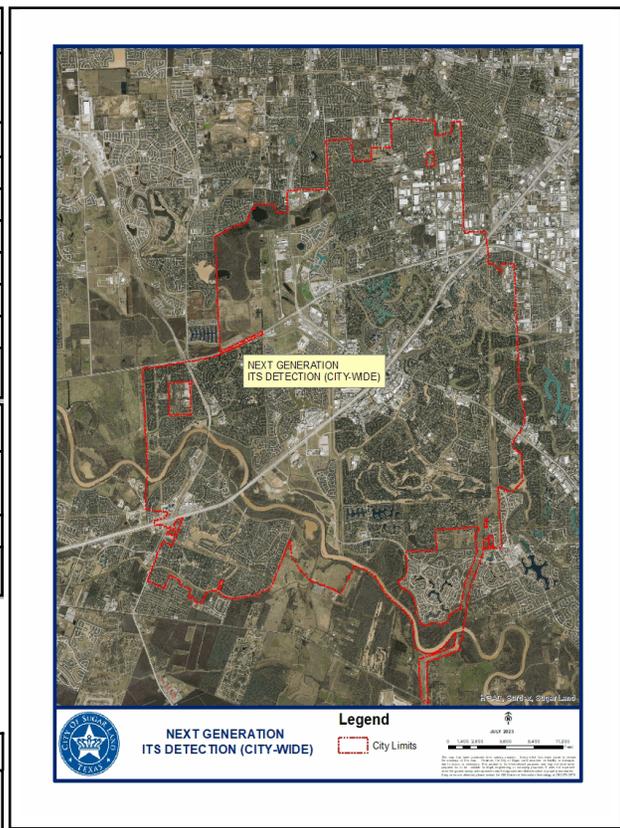
IMPACT ON OPERATING BUDGET					
Expenditures	2024	2025	2026	2027	2028
Personnel	0	0	0	0	0
Operating	0	0	0	0	0
Capital	0	0	0	0	0
GRAND TOTAL	\$ 0				

PROJECT COSTS	Project Budget To Date	FISCAL YEAR PLAN					Project Total
		BUDGET	PLANNED				
		2024	2025	2026	2027	2028	
Analysis/Study/Assessment							
Preliminary Engineering Design							
Design							
Construction	0	2,300,000	0	0	0	0	\$ 2,300,000
Land/ROW							
Furniture, Fixtures, Equipment							
Contingency							
GRAND TOTAL	\$ 0	\$ 2,300,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 2,300,000

SOURCE OF FUNDS	Project Budget To Date	FISCAL YEAR PLAN					Project Total
		BUDGET	PLANNED				
		2024	2025	2026	2027	2028	
CO's	0	2,300,000	0	0	0	0	\$ 2,300,000
GRAND TOTAL	\$ 0	\$ 2,300,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 2,300,000

PROJECT SCHEDULE	START	END
Analysis/Study/Assessment		
Preliminary Engineering Design		
Design		
Construction	Oct-23	Sep-24
Land/ROW		
Furniture, Fixtures, Equipment		

OTHER:



City Goal: Safest City
 Reference: ITS Operations
 Project Manager: Public Works Department
 Estimator: Public Works Department

**CITY OF SUGAR LAND
2024 - 2028 CAPITAL IMPROVEMENT PROGRAM
WASTEWATER**

PROJECT NO.	PROJECT NAME	PRIOR FUNDING	2024 BUDGET	2025 ESTIMATE	2026 ESTIMATE	2027 ESTIMATE	2028 ESTIMATE	2024-2028 TOTAL
CWW2001	Collection System (Project E)	\$ 5,408,000	\$ -	\$ -	\$ -	\$ -	\$ -	-
CWW2003	Wastewater Treatment Plants Improvements (North Plant)	5,750,000	-	2,533,000	-	18,993,000	-	21,526,000
CWW2101	Lift Station No. 60, 52, and 48 Capacity Analysis	325,000	-	-	-	-	-	-
CWW2202	Lift Station Rehabilitation	1,620,000	-	-	-	-	-	-
CWW2204	West WWTP Expansion Study	100,000	-	-	-	-	-	-
CWW2301	Lift Station 48 (MUD 136 Reg. LS#1)	650,000	6,448,000	-	-	-	-	6,448,000
CWW2302	Lift Station Rehabilitation	2,050,000	-	-	-	-	-	-
CWW2303	Wastewater Treatment Plants Improvements	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	7,500,000
CWW2304	Collection System Rehabilitation Program	300,000	2,800,000	300,000	2,800,000	300,000	2,800,000	9,000,000
CWW2306	Regional WW Siting and Distribution Plan	225,000	-	-	-	-	-	-
CWW2307	Flow Monitoring and WW Modeling Study	600,000	-	-	-	-	-	-
CWW2308	Evaluation of Greatwood WWTP Rehabilitation Alternatives	100,000	-	-	-	-	-	-
CWW2309	Tract 2 Wastewater Improvements	2,000,000	13,200,000	-	-	-	-	13,200,000
CWW2310	Lift Station Bypass Pump Assessment	250,000	-	-	-	-	-	-
CWW2311	Lift Station Odor Control Sudy and PER	150,000	-	-	-	-	-	-
CWW2312	South WWTP Odor Control System Design and Construction	900,000	-	-	-	-	-	-
CWW2401	Lift Station Rehabilitation Program	-	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	12,500,000
CWW2402	Lift Station SCADA Program	-	200,000	1,280,000	1,280,000	1,080,000	-	3,840,000
CWW2403	Wastewater Forcemain Condition Assessment	-	250,000	250,000	250,000	-	-	750,000
CWW2404	Lift Station Bypass Pumps Rehab	-	550,000	300,000	300,000	300,000	300,000	1,750,000
	TOTAL FUNDING	\$ 21,928,000	\$ 27,448,000	\$ 8,663,000	\$ 8,630,000	\$ 24,673,000	\$ 7,100,000	\$ 76,514,000

SOURCE OF FUNDS	PRIOR FUNDING	2024 BUDGET	2025 ESTIMATE	2026 ESTIMATE	2027 ESTIMATE	2028 ESTIMATE	2024-2028 TOTAL
General Revenue	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
CO's	-	-	-	-	-	-	-
SLDC	-	-	-	-	-	-	-
SL4B	-	-	-	-	-	-	-
CIP Fund Balance	-	-	-	-	-	-	-
Revenue Bonds	17,928,000	13,248,000	7,663,000	7,630,000	23,673,000	6,100,000	58,314,000
System Revenues	2,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	5,000,000
Other Funding	2,000,000	13,200,000	-	-	-	-	13,200,000
TOTAL	\$ 21,928,000	\$ 27,448,000	\$ 8,663,000	\$ 8,630,000	\$ 24,673,000	\$ 7,100,000	\$ 76,514,000

**CITY OF SUGAR LAND
2024 - 2028 CAPITAL IMPROVEMENT PROGRAM
SUMMARY BY FUNDING SOURCES - WASTEWATER**

PROJECT NAME	2024 BUDGET	2025 ESTIMATE	2026 ESTIMATE	2027 ESTIMATE	2028 ESTIMATE	2024-2028 TOTAL
Wastewater Treatment Plants Improvements - North WWTP	\$ -	\$ 2,533,000	\$ -	\$ 18,993,000	\$ -	\$ 21,526,000
Lift Station 48 (MUD 136 Reg. LS#1)	6,448,000	-	-	-	-	6,448,000
Wastewater Treatment Plants Improvements	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	7,500,000
Collection System Rehabilitation Program	2,800,000	300,000	2,800,000	300,000	2,800,000	9,000,000
Lift Station Rehabilitation Program	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	7,500,000
Lift Station SCADA Program	200,000	1,280,000	1,280,000	1,080,000	-	3,840,000
Wastewater Forcemain Condition Assessment	250,000	250,000	250,000	-	-	750,000
Lift Station Bypass Pumps Rehab	550,000	300,000	300,000	300,000	300,000	1,750,000
TOTAL - REVENUE BONDS	\$ 13,248,000	\$ 7,663,000	\$ 7,630,000	\$ 23,673,000	\$ 6,100,000	\$ 58,314,000

PROJECT NAME	2024 BUDGET	2025 ESTIMATE	2026 ESTIMATE	2027 ESTIMATE	2028 ESTIMATE	2024-2028 TOTAL
Lift Station Rehabilitation Program	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	5,000,000
TOTAL - SYSTEM REVENUES	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 5,000,000

PROJECT NAME	2024 BUDGET	2025 ESTIMATE	2026 ESTIMATE	2027 ESTIMATE	2028 ESTIMATE	2024-2028 TOTAL
Tract 2 Wastewater Improvements	\$ 13,200,000	\$ -	\$ -	\$ -	\$ -	\$ 13,200,000
TOTAL - OTHER FUNDING	\$ 13,200,000	\$ -	\$ -	\$ -	\$ -	\$ 13,200,000

**CITY OF SUGAR LAND
2024 - 2028 CAPITAL IMPROVEMENT PROGRAM
Wastewater**

PROJECT NO. CWW2001	PROJECT TITLE Collection Systems (Project E)
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DESCRIPTION Final project of the detailed evaluation and design for system deficiencies identified in the Asset Management Program and areas that experience sanitary sewer overflows (SSO's) during heavy storm events. Rehabilitate and replacement of wastewater collection system infrastructure that has reached the end of its useful life.
JUSTIFICATION Continued rehabilitation of the sanitary sewer system (mains and manholes) is required due to existing infrastructure reaching the end of its design life. The completion of the Risk Based asset management systems has identified the collection system rehabilitation that is necessary to meet current service levels and to comply with TCEQ Sanitary Sewer Overflow (SSO) Program.

IMPACT ON OPERATING BUDGET					
Expenditures	2024	2025	2026	2027	2028
Personnel	0	0	0	0	0
Operating	0	0	0	0	0
Capital	0	0	0	0	0
GRAND TOTAL	\$ 0				

PROJECT COSTS	Project Budget To Date	FISCAL YEAR PLAN					Project Total
		BUDGET	PLANNED				
		2024	2025	2026	2027	2028	
Analysis/Study/Assessment	567,000	0	0	0	0	0	\$ 567,000
Preliminary Engineering Design							
Design	441,000	0	0	0	0	0	\$ 441,000
Construction	4,400,000	0	0	0	0	0	\$ 4,400,000
Land/ROW							
Furniture, Fixtures, Equipment							
Contingency							
GRAND TOTAL	\$ 5,408,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 5,408,000

SOURCE OF FUNDS	Project Budget To Date	FISCAL YEAR PLAN					Project Total
		BUDGET	PLANNED				
		2024	2025	2026	2027	2028	
Revenue Bonds	5,408,000	0	0	0	0	0	\$ 5,408,000
GRAND TOTAL	\$ 5,408,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 5,408,000



PROJECT SCHEDULE	START	END
Analysis/Study/Assessment		
Preliminary Engineering Design		
Design	Aug-22	Aug-23
Construction	Sep-23	Sep-24
Land/ROW		
Furniture, Fixtures, Equipment		

OTHER:

City Goal:	Responsible City Government
Reference:	Asset Management Program
Project Manager:	Engineering Department
Estimator:	Engineering Department

**CITY OF SUGAR LAND
2024 - 2028 CAPITAL IMPROVEMENT PROGRAM
Wastewater**

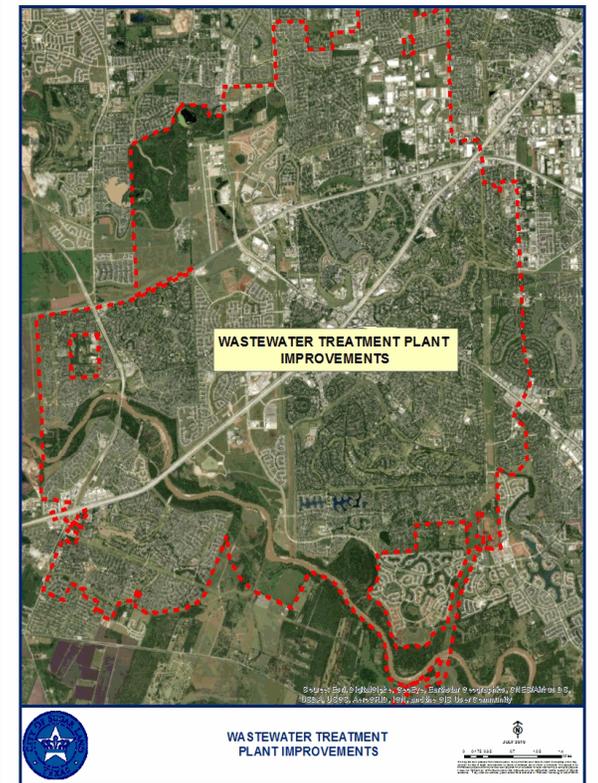
PROJECT NO. CWW2003	PROJECT TITLE Wastewater Treatment Plants Improvements - North WWTP
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DESCRIPTION Replacement of equipment and improvements to the North WWTP for key components identified through operations of the plants. Phase 1A consists of design and construction of improvements and rehabilitation to the plant's stormwater clarifier system. Phase 1B consists of design and construction of Return Activated Sludge (RAS)/Waste Activated Sludge (WAS) Pump Station, aerated sludge
JUSTIFICATION The operators of the treatment plant have made recommendations for upgrades of different components of the facilities. The improvements will increase water quality, increase plant efficiencies, and reduce life cycle costs.

IMPACT ON OPERATING BUDGET					
Expenditures	2024	2025	2026	2027	2028
Personnel	0	0	0	0	0
Operating	0	0	0	0	0
Capital	0	0	0	0	0
GRAND TOTAL	\$ 0				

PROJECT COSTS	Project Budget To Date	FISCAL YEAR PLAN					Project Total
		BUDGET	PLANNED				
		2024	2025	2026	2027	2028	
Analysis/Study/Assessment	350,000	0	0	0	0	0	\$ 350,000
Preliminary Engineering Design							
Design	500,000	0	2,533,000	0	0	0	\$ 3,033,000
Construction	4,900,000	0	0	0	18,993,000	0	\$ 23,893,000
Land/ROW							
Furniture, Fixtures, Equipment							
Contingency							
GRAND TOTAL	\$ 5,750,000	\$ 0	\$ 2,533,000	\$ 0	\$ 18,993,000	\$ 0	\$ 27,276,000

SOURCE OF FUNDS	Project Budget To Date	FISCAL YEAR PLAN					Project Total
		BUDGET	PLANNED				
		2024	2025	2026	2027	2028	
Revenue Bonds	5,750,000	0	2,533,000	0	18,993,000	0	\$ 27,276,000
GRAND TOTAL	\$ 5,750,000	\$ 0	\$ 2,533,000	\$ 0	\$ 18,993,000	\$ 0	\$ 27,276,000



PROJECT SCHEDULE	START	END
Analysis/Study/Assessment		
Preliminary Engineering Design		
Design		
Construction	Oct-22	Oct-23
Land/ROW		
Furniture, Fixtures, Equipment		

OTHER:

City Goal:	Responsible City Government
Reference:	Assessment of WW Treatment Plant Ops
Project Manager:	Engineering Department
Estimator:	Engineering Department

**CITY OF SUGAR LAND
2024 - 2028 CAPITAL IMPROVEMENT PROGRAM
Wastewater**

PROJECT NO. CWW2101	PROJECT TITLE Lift Stations No. 60, 52, and 48 Capacity Analysis
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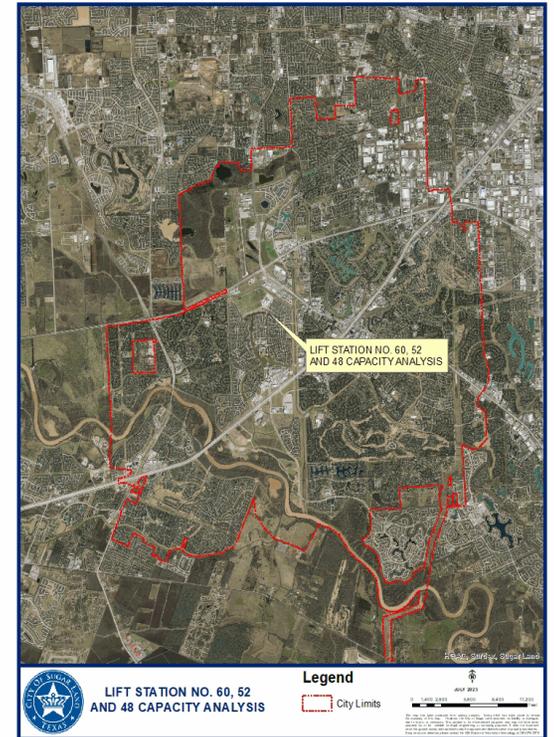
DESCRIPTION
Conduct a Preliminary Engineering Report (PER) to determine needed regional lift station improvements to Lift Station 52 and Lift Station 48 due to diversion of Lift Station 60 flow per the 2020 Wastewater Master Plan.

JUSTIFICATION
Wastewater flow from existing regional Lift Station No. 60 (which serves the Imperial Redevelopment District) discharges into a receiving 36-inch gravity line that is reaching its capacity. Per the 2020 Wastewater Master Plan, flow from Lift Station 60 is recommended to be diverted to downstream lift stations No. 52 and 48. A PER needs to be prepared to recommend needed improvements and costs.

IMPACT ON OPERATING BUDGET					
Expenditures	2024	2025	2026	2027	2028
Personnel	0	0	0	0	0
Operating	0	0	0	0	0
Capital	0	0	0	0	0
GRAND TOTAL	\$ 0				

PROJECT COSTS	Project Budget To Date	FISCAL YEAR PLAN					Project Total
		BUDGET	PLANNED				
		2024	2025	2026	2027	2028	
Analysis/Study/Assessment	75,000	0	0	0	0	0	\$ 75,000
Preliminary Engineering Design							
Design	250,000	0	0	0	0	0	\$ 250,000
Construction							
Land/ROW							
Furniture, Fixtures, Equipment							
Contingency							
GRAND TOTAL	\$ 325,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 325,000

SOURCE OF FUNDS	Project Budget To Date	FISCAL YEAR PLAN					Project Total
		BUDGET	PLANNED				
		2024	2025	2026	2027	2028	
Revenue Bonds	325,000	0	0	0	0	0	\$ 325,000
GRAND TOTAL	\$ 325,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 325,000



PROJECT SCHEDULE	START	END
Analysis/Study/Assessment		
Preliminary Engineering Design		
Design	Dec-22	Aug-23
Construction	Sep-24	Sep-24
Land/ROW		
Furniture, Fixtures, Equipment		

OTHER:

City Goal: Responsible City Government
 Reference:
 Project Manager: Engineering Department
 Estimator: Engineering Department

**CITY OF SUGAR LAND
2024 - 2028 CAPITAL IMPROVEMENT PROGRAM
Wastewater**

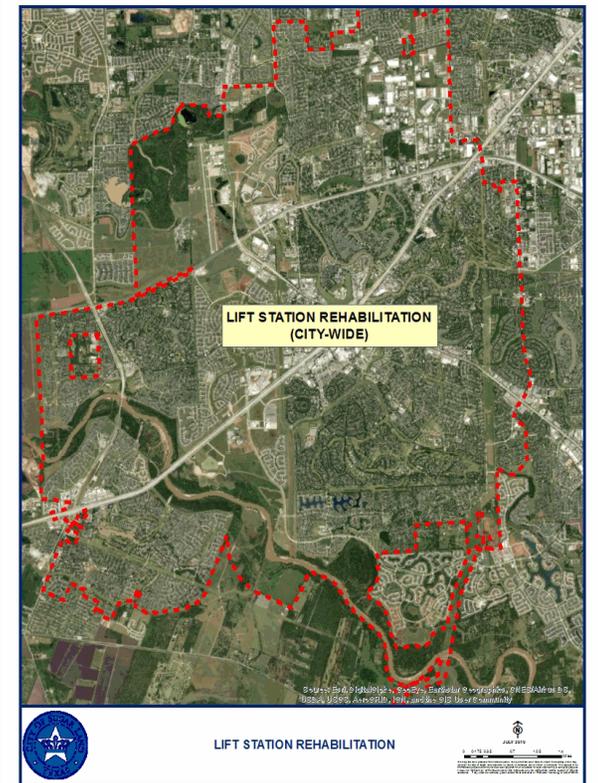
PROJECT NO. CWW2202	PROJECT TITLE Lift Station Rehabilitation
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DESCRIPTION Annual rehabilitation of the city's lift stations that have been identified by staff through routine inspections and annual assessments due to aging infrastructure and reliability concerns. Project includes improvements to Terrace View (Greatwood), Greatwood Lakes, and the Recreation Center.
JUSTIFICATION The lift stations are recommended for rehabilitation due to aging infrastructure, reliability concerns, extreme wet well deterioration and pump and control panel wear.

IMPACT ON OPERATING BUDGET					
Expenditures	2024	2025	2026	2027	2028
Personnel	0	0	0	0	0
Operating	0	0	0	0	0
Capital	0	0	0	0	0
GRAND TOTAL	\$ 0				

PROJECT COSTS	Project Budget To Date	FISCAL YEAR PLAN					Project Total
		BUDGET	PLANNED				
		2024	2025	2026	2027	2028	
Analysis/Study/Assessment							
Preliminary Engineering Design							
Design	1,620,000	0	0	0	0	0	\$ 1,620,000
Construction							
Land/ROW							
Furniture, Fixtures, Equipment							
Contingency							
GRAND TOTAL	\$ 1,620,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 1,620,000

SOURCE OF FUNDS	Project Budget To Date	FISCAL YEAR PLAN					Project Total
		BUDGET	PLANNED				
		2024	2025	2026	2027	2028	
System Revenues	1,000,000	0	0	0	0	0	\$ 1,000,000
Revenue Bonds	620,000	0	0	0	0	0	\$ 620,000
GRAND TOTAL	\$ 1,620,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 1,620,000



PROJECT SCHEDULE	START	END
Analysis/Study/Assessment		
Preliminary Engineering Design		
Design	Jun-22	Jan-23
Design	Jul-22	Jan-23
Construction	Jan-23	Jan-24
Land/ROW		

OTHER:

City Goal:	Responsible City Government
Reference:	Lift Station Rehabilitation Program
Project Manager:	Engineering Department
Estimator:	Public Works Department

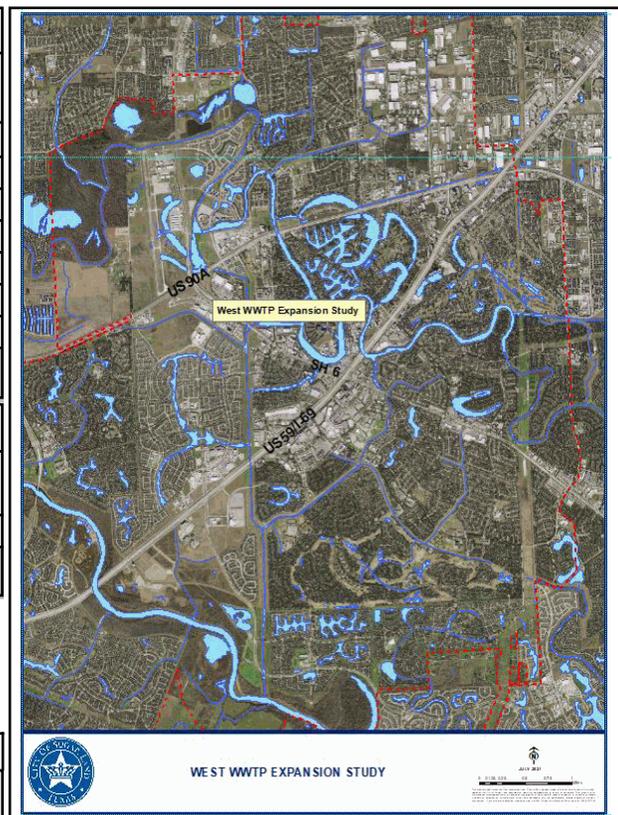
**CITY OF SUGAR LAND
2024 - 2028 CAPITAL IMPROVEMENT PROGRAM
Wastewater**

PROJECT NO. CWW2204	PROJECT TITLE West WWTP Expansion Study
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DESCRIPTION Study the West WWTP's existing process system to mitigate existing operational issues and increase capacity to receive additional future flows	IMPACT ON OPERATING BUDGET					
	Expenditures	2024	2025	2026	2027	2028
	Personnel	0	0	0	0	0
	Operating	0	0	0	0	0
	Capital	0	0	0	0	0
JUSTIFICATION A recent study evaluated potential contributing flows to the W-WWTP or N-WWTP services areas and found the W-WWTP provided the best alternative for conveying future flows.	GRAND TOTAL					
	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	

PROJECT COSTS	Project Budget To Date	FISCAL YEAR PLAN					Project Total
		BUDGET	PLANNED				
		2024	2025	2026	2027	2028	
Analysis/Study/Assessment	100,000	0	0	0	0	0	\$ 100,000
Preliminary Engineering Design							
Design							
Construction							
Land/ROW							
Furniture, Fixtures, Equipment							
Contingency							
GRAND TOTAL	\$ 100,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 100,000

SOURCE OF FUNDS	Project Budget To Date	FISCAL YEAR PLAN					Project Total
		BUDGET	PLANNED				
		2024	2025	2026	2027	2028	
Revenue Bonds	100,000	0	0	0	0	0	\$ 100,000
GRAND TOTAL	\$ 100,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 100,000



PROJECT SCHEDULE	START	END
Analysis/Study/Assessment	Oct-21	Oct-22
Preliminary Engineering Design		
Design		
Construction		
Land/ROW		
Furniture, Fixtures, Equipment		

OTHER:

City Goal:	Responsible City Government
Reference:	LS 60,52&48 and Tract 2 WW Flows PER
Project Manager:	Engineering Department
Estimator:	Public Works Department

**CITY OF SUGAR LAND
2024 - 2028 CAPITAL IMPROVEMENT PROGRAM
Wastewater**

PROJECT NO. CWW2301	PROJECT TITLE Lift Station 48 (MUD 136 Reg. LS#1)
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DESCRIPTION
Construct a new second wet well, replace existing pumps with three new pumps, including electrical improvements, and install new gravity influent lines to accommodate firm capacity to serve future growth.

JUSTIFICATION
Lift Station No. 48, located in Telfair on University Blvd., will require pump upgrades to accommodate future growth from Tract 2/Central Prison Unit, Imperial Tract 3, and remaining growth within Telfair Tract 4.

IMPACT ON OPERATING BUDGET					
Expenditures	2024	2025	2026	2027	2028
Personnel	0	0	0	0	0
Operating	0	0	0	0	0
Capital	0	0	0	0	0
GRAND TOTAL	\$ 0				

PROJECT COSTS	Project Budget To Date	FISCAL YEAR PLAN					Project Total
		BUDGET	PLANNED				
		2024	2025	2026	2027	2028	
Analysis/Study/Assessment							
Preliminary Engineering Design							
Design	650,000	0	0	0	0	0	\$ 650,000
Construction	0	6,448,000	0	0	0	0	\$ 6,448,000
Land/ROW							
Furniture, Fixtures, Equipment							
Contingency							
GRAND TOTAL	\$ 650,000	\$ 6,448,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 7,098,000

SOURCE OF FUNDS	Project Budget To Date	FISCAL YEAR PLAN					Project Total
		BUDGET	PLANNED				
		2024	2025	2026	2027	2028	
Revenue Bonds	650,000	6,448,000	0	0	0	0	\$ 7,098,000
GRAND TOTAL	\$ 650,000	\$ 6,448,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 7,098,000



City Goal:	Responsible City Government
Reference:	2012 Wastewater Master Plan
Project Manager:	Engineering Department
Estimator:	Public Works Department

PROJECT SCHEDULE	START	END
Analysis/Study/Assessment		
Preliminary Engineering Design		
Design	Jan-23	Sep-23
Construction	Oct-23	Oct-24
Land/ROW		
Furniture, Fixtures, Equipment		

OTHER:

**CITY OF SUGAR LAND
2024 - 2028 CAPITAL IMPROVEMENT PROGRAM
Wastewater**

PROJECT NO. CWW2302	PROJECT TITLE Lift Station Rehabilitation
-------------------------------	---

DESCRIPTION Annual rehabilitation of the city's lift stations that have been identified by staff through routine inspections and annual assessments due to aging infrastructure and reliability concerns.
JUSTIFICATION The lift stations are recommended for rehabilitation due to aging infrastructure, reliability concerns, extreme wet well deterioration and pump and control panel wear.

IMPACT ON OPERATING BUDGET					
Expenditures	2024	2025	2026	2027	2028
Personnel	0	0	0	0	0
Operating	0	0	0	0	0
Capital	0	0	0	0	0
GRAND TOTAL	\$ 0				

PROJECT COSTS	Project Budget To Date	FISCAL YEAR PLAN					Project Total
		BUDGET	PLANNED				
		2024	2025	2026	2027	2028	
Analysis/Study/Assessment							
Preliminary Engineering Design							
Design							
Construction	2,050,000	0	0	0	0	0	\$ 2,050,000
Land/ROW							
Furniture, Fixtures, Equipment							
Contingency							
GRAND TOTAL	\$ 2,050,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 2,050,000

SOURCE OF FUNDS	Project Budget To Date	FISCAL YEAR PLAN					Project Total
		BUDGET	PLANNED				
		2024	2025	2026	2027	2028	
System Revenues	1,000,000	0	0	0	0	0	\$ 1,000,000
Revenue Bonds	1,050,000	0	0	0	0	0	\$ 1,050,000
GRAND TOTAL	\$ 2,050,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 2,050,000



PROJECT SCHEDULE	START	END
Analysis/Study/Assessment		
Preliminary Engineering Design		
Design	Nov-22	Sep-23
Construction		
Land/ROW		
Furniture, Fixtures, Equipment		

OTHER:

City Goal:	Responsible City Government
Reference:	Lift Station Rehabilitation Program
Project Manager:	Engineering Department
Estimator:	Public Works Department

**CITY OF SUGAR LAND
2024 - 2028 CAPITAL IMPROVEMENT PROGRAM
Wastewater**

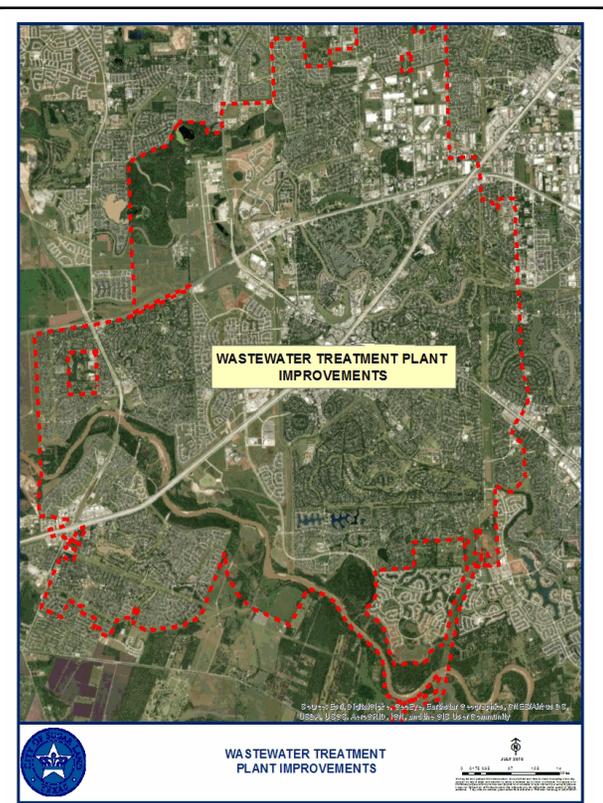
PROJECT NO. CWW2303	PROJECT TITLE Wastewater Treatment Plant Improvements
-------------------------------	---

DESCRIPTION Replacement of equipment and improvements to Wastewater Treatment Plants for key components identified through operations of the plants.
JUSTIFICATION The operators of the treatment plant have made recommendations for upgrades of different components of the facilities. The improvements will increase water quality, increase plant efficiencies, and reduce life cycle costs.

IMPACT ON OPERATING BUDGET					
Expenditures	2024	2025	2026	2027	2028
Personnel	0	0	0	0	0
Operating	0	0	0	0	0
Capital	0	0	0	0	0
GRAND TOTAL	\$ 0				

PROJECT COSTS	Project Budget To Date	FISCAL YEAR PLAN					Project Total
		BUDGET	PLANNED				
		2024	2025	2026	2027	2028	
Analysis/Study/Assessment							
Preliminary Engineering Design							
Design							
Construction	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	\$ 9,000,000
Land/ROW							
Furniture, Fixtures, Equipment							
Contingency							
GRAND TOTAL	\$ 1,500,000	\$ 1,500,000	\$ 1,500,000	\$ 1,500,000	\$ 1,500,000	\$ 1,500,000	\$ 9,000,000

SOURCE OF FUNDS	Project Budget To Date	FISCAL YEAR PLAN					Project Total
		BUDGET	PLANNED				
		2024	2025	2026	2027	2028	
Revenue Bonds	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	\$ 9,000,000
GRAND TOTAL	\$ 1,500,000	\$ 1,500,000	\$ 1,500,000	\$ 1,500,000	\$ 1,500,000	\$ 1,500,000	\$ 9,000,000



PROJECT SCHEDULE	START	END
Analysis/Study/Assessment		
Preliminary Engineering Design		
Design	Oct-22	Oct-23
Construction	Dec-23	Dec-24
Land/ROW		
Furniture, Fixtures, Equipment		

OTHER:

City Goal:	Responsible City Government
Reference:	Wastewater Master Plan
Project Manager:	Engineering Department
Estimator:	Public Works Department

**CITY OF SUGAR LAND
2024 - 2028 CAPITAL IMPROVEMENT PROGRAM
Wastewater**

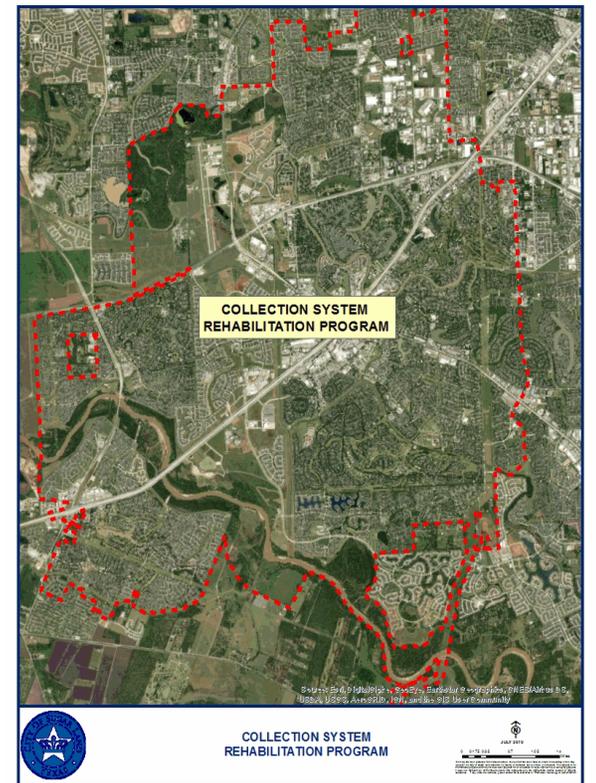
PROJECT NO. CWW2304	PROJECT TITLE Collection System Rehabilitation Program
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DESCRIPTION Continue detailed evaluation and design for system deficiencies identified in the 2009 Citywide Inflow & Infiltration Study and 2011 Pre-Design Report of areas that experience sanitary sewer overflows (SSOs) during heavy storm events.
JUSTIFICATION Continue rehabilitation of the sanitary sewer system (mains and manholes) due to high levels of deterioration, grade deficiencies or point failures. Provide an updated plan for the City's collection system rehabilitation program and to comply with TCEQ Sanitary Sewer Overflow (SSO) Program.

IMPACT ON OPERATING BUDGET					
Expenditures	2024	2025	2026	2027	2028
Personnel	0	0	0	0	0
Operating	0	0	0	0	0
Capital	0	0	0	0	0
GRAND TOTAL	\$ 0				

PROJECT COSTS	Project Budget To Date	FISCAL YEAR PLAN					Project Total
		BUDGET	PLANNED				
		2024	2025	2026	2027	2028	
Analysis/Study/Assessment							
Preliminary Engineering Design							
Design	300,000	0	300,000	0	300,000	0	\$ 900,000
Construction	0	2,800,000	0	2,800,000	0	2,800,000	\$ 8,400,000
Land/ROW							
Furniture, Fixtures, Equipment							
Contingency							
GRAND TOTAL	\$ 300,000	\$ 2,800,000	\$ 300,000	\$ 2,800,000	\$ 300,000	\$ 2,800,000	\$ 9,300,000

SOURCE OF FUNDS	Project Budget To Date	FISCAL YEAR PLAN					Project Total
		BUDGET	PLANNED				
		2024	2025	2026	2027	2028	
Revenue Bonds	300,000	2,800,000	300,000	2,800,000	300,000	2,800,000	\$ 9,300,000
GRAND TOTAL	\$ 300,000	\$ 2,800,000	\$ 300,000	\$ 2,800,000	\$ 300,000	\$ 2,800,000	\$ 9,300,000



PROJECT SCHEDULE	START	END
Analysis/Study/Assessment		
Preliminary Engineering Design		
Design	Oct-22	Dec-27
Construction	Oct-23	Dec-28
Land/ROW		
Furniture, Fixtures, Equipment		

OTHER:

City Goal:	Responsible City Government
Reference:	Field assessments
Project Manager:	Engineering Department
Estimator:	Public Works Department

**CITY OF SUGAR LAND
2024 - 2028 CAPITAL IMPROVEMENT PROGRAM
Wastewater**

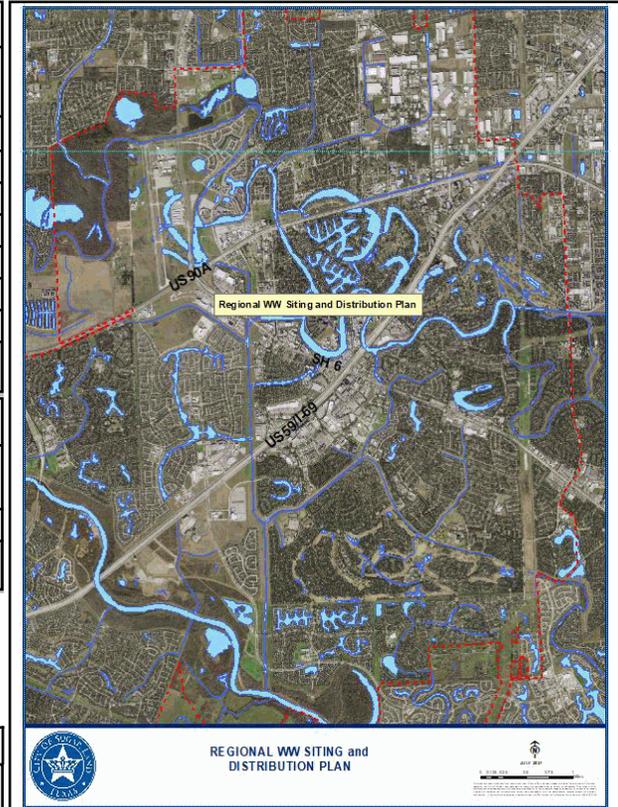
PROJECT NO. CWW2306	PROJECT TITLE Regional WW Siting and Distribution Plan
-------------------------------	--

DESCRIPTION Analyze regional service alternatives for serving the area south of the Brazos River and to identify CIP projects and planning level costs.
JUSTIFICATION As part of the city's 2021 Wastewater Master Plan, the city constructed a planning-level wastewater collection system hydraulic model for the areas south of the Brazos. The model confirmed that the current infrastructure in Greatwood does not have the capacity to serve the growth projected in the ETJ.

IMPACT ON OPERATING BUDGET					
Expenditures	2024	2025	2026	2027	2028
Personnel	0	0	0	0	0
Operating	0	0	0	0	0
Capital	0	0	0	0	0
GRAND TOTAL	\$ 0				

PROJECT COSTS	Project Budget To Date	FISCAL YEAR PLAN					Project Total
		BUDGET	PLANNED				
		2024	2025	2026	2027	2028	
Analysis/Study/Assessment	225,000	0	0	0	0	0	\$ 225,000
Preliminary Engineering Design							
Design							
Construction							
Land/ROW							
Furniture, Fixtures, Equipment							
Contingency							
GRAND TOTAL	\$ 225,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 225,000

SOURCE OF FUNDS	Project Budget To Date	FISCAL YEAR PLAN					Project Total
		BUDGET	PLANNED				
		2024	2025	2026	2027	2028	
Revenue Bonds	225,000	0	0	0	0	0	\$ 225,000
GRAND TOTAL	\$ 225,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 225,000



PROJECT SCHEDULE	START	END
Analysis/Study/Assessment	Oct-22	Oct-23
Preliminary Engineering Design		
Design		
Construction		
Land/ROW		
Furniture, Fixtures, Equipment		

OTHER:

City Goal:	Responsible City Government
Reference:	Wastewater Master Plan
Project Manager:	Engineering Department
Estimator:	Public Works Department

**CITY OF SUGAR LAND
2024 - 2028 CAPITAL IMPROVEMENT PROGRAM
Wastewater**

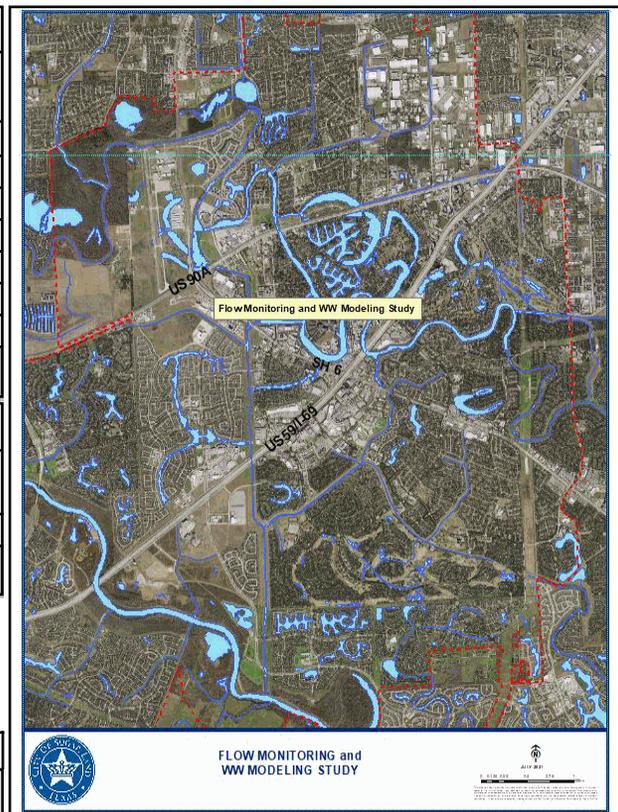
PROJECT NO. CWW2307	PROJECT TITLE Flow Monitoring and WW Modeling Study
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DESCRIPTION Install field sensors inside the wastewater pipes to measure flows. Information will be utilized to update the wastewater model and detect excess rainwater that has infiltrated into the sewer pipes. Information will be utilized to identify improvements to mitigate existing issues and plan for future wastewater flows in the collection system.
JUSTIFICATION As part of the city's 2021 Wastewater Master Plan Update, the city constructed a planning-level wastewater collection system hydraulic model. The wastewater model was constructed from the city's latest GIS files and includes wastewater flows based on the city's equivalent single family connections (ESFC) database. In order to utilize the model for operational and capacity analysis, it needs to be calibrated to flow monitoring data.

IMPACT ON OPERATING BUDGET					
Expenditures	2024	2025	2026	2027	2028
Personnel	0	0	0	0	0
Operating	0	0	0	0	0
Capital	0	0	0	0	0
GRAND TOTAL	\$ 0				

PROJECT COSTS	Project Budget To Date	FISCAL YEAR PLAN					Project Total
		BUDGET	PLANNED				
		2024	2025	2026	2027	2028	
Analysis/Study/Assessment							
Preliminary Engineering Design							
Design							
Construction	600,000	0	0	0	0	0	\$ 600,000
Land/ROW							
Furniture, Fixtures, Equipment							
Contingency							
GRAND TOTAL	\$ 600,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 600,000

SOURCE OF FUNDS	Project Budget To Date	FISCAL YEAR PLAN					Project Total
		BUDGET	PLANNED				
		2024	2025	2026	2027	2028	
Revenue Bonds	600,000	0	0	0	0	0	\$ 600,000
GRAND TOTAL	\$ 600,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 600,000



PROJECT SCHEDULE	START	END
Analysis/Study/Assessment	Oct-22	Oct-23
Preliminary Engineering Design		
Design		
Construction		
Land/ROW		
Furniture, Fixtures, Equipment		

OTHER:

City Goal:	Responsible City Government
Reference:	Wastewater Master Plan
Project Manager:	Engineering Department
Estimator:	Public Works Department

**CITY OF SUGAR LAND
2024 - 2028 CAPITAL IMPROVEMENT PROGRAM
Wastewater**

PROJECT NO. CWW2308	PROJECT TITLE Evaluation of Greatwood WWTP Rehabilitation Alternatives
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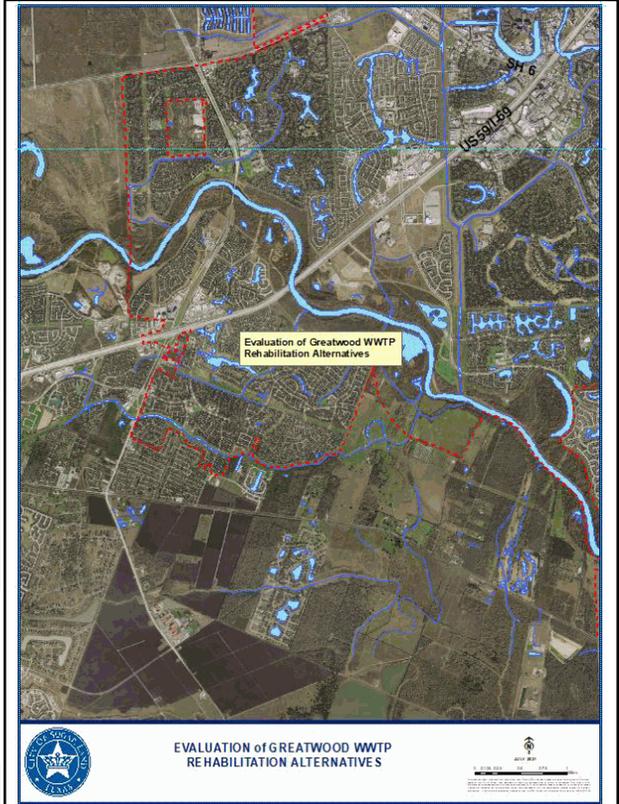
DESCRIPTION
Study to determine capacity available with the existing treatment units based on the influent loadings, hydraulics and design criteria specified in Texas Commission on Environmental Quality (TCEQ) to identify the process bottlenecks that can cause non-compliance issues.

JUSTIFICATION
As part of the city's 2021 Wastewater Master Plan Update, the city identified the need to further study the Greatwood WWTP to identify rehabilitation requirements.

IMPACT ON OPERATING BUDGET					
Expenditures	2024	2025	2026	2027	2028
Personnel	0	0	0	0	0
Operating	0	0	0	0	0
Capital	0	0	0	0	0
GRAND TOTAL	\$ 0				

PROJECT COSTS	Project Budget To Date	FISCAL YEAR PLAN					Project Total
		BUDGET	PLANNED				
		2024	2025	2026	2027	2028	
Analysis/Study/Assessment	100,000	0	0	0	0	0	\$ 100,000
Preliminary Engineering Design							
Design							
Construction							
Land/ROW							
Furniture, Fixtures, Equipment							
Contingency							
GRAND TOTAL	\$ 100,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 100,000

SOURCE OF FUNDS	Project Budget To Date	FISCAL YEAR PLAN					Project Total
		BUDGET	PLANNED				
		2024	2025	2026	2027	2028	
Revenue Bonds	100,000	0	0	0	0	0	\$ 100,000
GRAND TOTAL	\$ 100,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 100,000



PROJECT SCHEDULE	START	END
Analysis/Study/Assessment	Oct-22	Sep-23
Preliminary Engineering Design		
Design		
Construction		
Land/ROW		
Furniture, Fixtures, Equipment		

OTHER:

City Goal:	Responsible City Government
Reference:	Wastewater Master Plan
Project Manager:	Engineering Department
Estimator:	Public Works Department

**CITY OF SUGAR LAND
2024 - 2028 CAPITAL IMPROVEMENT PROGRAM
Wastewater**

PROJECT NO. CWW2309	PROJECT TITLE Tract 2 Wastewater Improvements
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<p>DESCRIPTION</p> <p>There are currently treatment bottlenecks that need to be addressed to accommodate additional wastewater flows from the development of Tract 2 to the West WWTP. In addition, the project will include an upsized forcemain from the Tract 2 development to connect the wastewater collection system in New Territory to further convey wastewater to the West WWTP.</p> <p>JUSTIFICATION</p> <p>Due to the development of Tract 2 for both residential and industrial development, the West WWTP will need treatment improvements to receive wastewater flows from the Tract 2 development and an additional forcemain from Tract 2 to connect to the wastewater collection system in New Territory that will convey wastewater to the West WWTP.</p>
--

IMPACT ON OPERATING BUDGET					
Expenditures	2024	2025	2026	2027	2028
Personnel	0	0	0	0	0
Operating	0	0	0	0	0
Capital	0	0	0	0	0
GRAND TOTAL	\$ 0				

PROJECT COSTS	Project Budget To Date	FISCAL YEAR PLAN					Project Total
		BUDGET	PLANNED				
		2024	2025	2026	2027	2028	
Analysis/Study/Assessment							
Preliminary Engineering Design							
Design	2,000,000	0	0	0	0	0	\$ 2,000,000
Construction	0	13,200,000	0	0	0	0	\$ 13,200,000
Land/ROW							
Furniture, Fixtures, Equipment							
Contingency							
GRAND TOTAL	\$ 2,000,000	\$ 13,200,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 15,200,000

SOURCE OF FUNDS	Project Budget To Date	FISCAL YEAR PLAN					Project Total
		BUDGET	PLANNED				
		2024	2025	2026	2027	2028	
Other Funding Sources	2,000,000	13,200,000	0	0	0	0	\$ 15,200,000
GRAND TOTAL	\$ 2,000,000	\$ 13,200,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 15,200,000

PROJECT SCHEDULE	START	END
Analysis/Study/Assessment		
Preliminary Engineering Design		
Design	Oct-22	Sep-23
Construction	Dec-23	Dec-24
Land/ROW		
Furniture, Fixtures, Equipment		

OTHER:

This project will be funded with connection fees already paid by developers.



City Goal:	Responsible City Government
Reference:	West WWTP Study
Project Manager:	Engineering Department
Estimator:	Engineering Department

**CITY OF SUGAR LAND
2024 - 2028 CAPITAL IMPROVEMENT PROGRAM
Wastewater**

PROJECT NO. CWW2310	PROJECT TITLE Lift Station Bypass Pump Assessment
-------------------------------	---

DESCRIPTION
Conduct an assessment to identify the current condition of each of the city's lift station bypass pumps and build an annual program that will assist in the rehabilitation and/or replacement of the bypass pumps.

JUSTIFICATION
The previous several years impacts from hurricanes and ice storms brought up the needs to conduct routine rehab and replacement for lift station bypass pumps. The goal with this project is to first do a PER to identify the current condition of each bypass pump and lay out a plan for annual improvements. Then each year, the plan will be reviewed based on the staffs assessments of the bypass pumps in the field and record any change in bypass pump reliability.

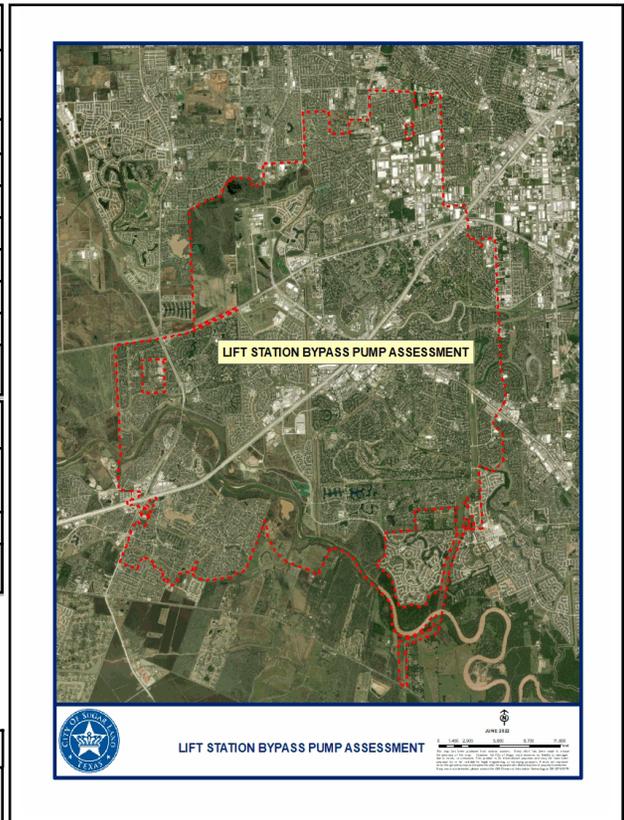
IMPACT ON OPERATING BUDGET					
Expenditures	2024	2025	2026	2027	2028
Personnel	0	0	0	0	0
Operating	0	0	0	0	0
Capital	0	0	0	0	0
GRAND TOTAL	\$ 0				

PROJECT COSTS	Project Budget To Date	FISCAL YEAR PLAN					Project Total
		BUDGET	PLANNED				
		2024	2025	2026	2027	2028	
Analysis/Study/Assessment	250,000	0	0	0	0	0	\$ 250,000
Preliminary Engineering Design							
Design							
Construction							
Land/ROW							
Furniture, Fixtures, Equipment							
Contingency							
GRAND TOTAL	\$ 250,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 250,000

SOURCE OF FUNDS	Project Budget To Date	FISCAL YEAR PLAN					Project Total
		BUDGET	PLANNED				
		2024	2025	2026	2027	2028	
Revenue Bonds	250,000	0	0	0	0	0	\$ 250,000
GRAND TOTAL	\$ 250,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 250,000

PROJECT SCHEDULE	START	END
Analysis/Study/Assessment	Nov-22	Nov-23
Preliminary Engineering Design		
Design		
Construction		
Land/ROW		
Furniture, Fixtures, Equipment		

OTHER:



City Goal:	Responsible City Government
Reference:	Public Works
Project Manager:	Engineering Department
Estimator:	Public Works Department

**CITY OF SUGAR LAND
2024 - 2028 CAPITAL IMPROVEMENT PROGRAM
Wastewater**

PROJECT NO. CWW2311	PROJECT TITLE Lift Station Odor Control Study and PER
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DESCRIPTION Conduct an Engineering PER to replace aging and defected odor control systems for the city's lift stations, including LS 116 (Mesquite), LS 112 (Sweetwater), LS 53 (Harmon) and LS 103 (Lexington).
JUSTIFICATION The City maintains over 130 wastewater lift stations across the City, many of which are located in residential neighborhoods. These lift stations utilize odor control systems to reduce impacts to the neighborhood. The PER will identify the current condition and repair/ replacement needs of the odor control systems at several lift stations.

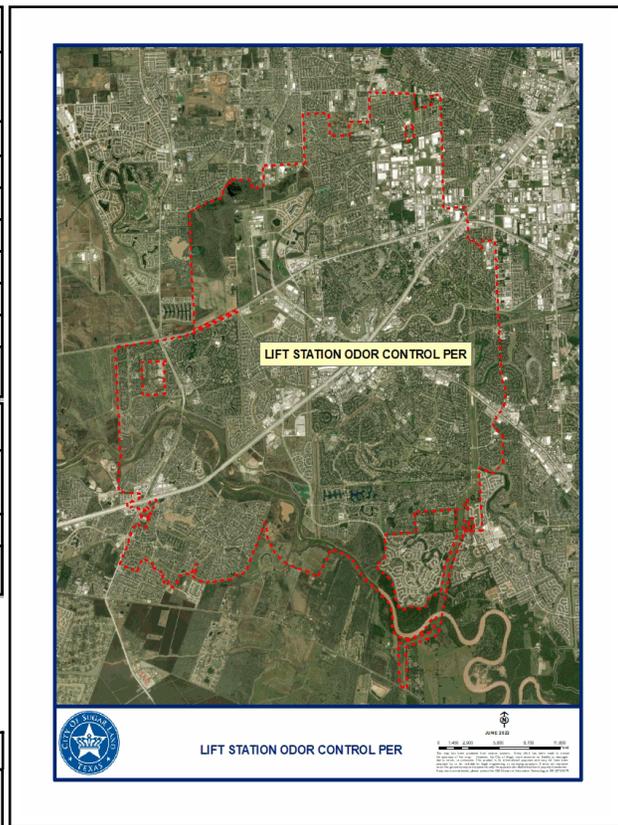
IMPACT ON OPERATING BUDGET					
Expenditures	2024	2025	2026	2027	2028
Personnel	0	0	0	0	0
Operating	0	0	0	0	0
Capital	0	0	0	0	0
GRAND TOTAL	\$ 0				

PROJECT COSTS	Project Budget To Date	FISCAL YEAR PLAN					Project Total
		BUDGET	PLANNED				
		2024	2025	2026	2027	2028	
Analysis/Study/Assessment							
Preliminary Engineering Design	150,000	0	0	0	0	0	\$ 150,000
Design							
Construction							
Land/ROW							
Furniture, Fixtures, Equipment							
Contingency							
GRAND TOTAL	\$ 150,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 150,000

SOURCE OF FUNDS	Project Budget To Date	FISCAL YEAR PLAN					Project Total
		BUDGET	PLANNED				
		2024	2025	2026	2027	2028	
Revenue Bonds	150,000	0	0	0	0	0	\$ 150,000
GRAND TOTAL	\$ 150,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 150,000

PROJECT SCHEDULE	START	END
Analysis/Study/Assessment		
Preliminary Engineering Design	Oct-22	Sep-23
Design		
Construction		
Land/ROW		
Furniture, Fixtures, Equipment		

OTHER:



City Goal:	Responsible City Government
Reference:	Public Works Assessment
Project Manager:	Engineering Department
Estimator:	Engineering Department

**CITY OF SUGAR LAND
2024 - 2028 CAPITAL IMPROVEMENT PROGRAM
Wastewater**

PROJECT NO. CWW2312	PROJECT TITLE South WWTP Odor Control System Design and Construction
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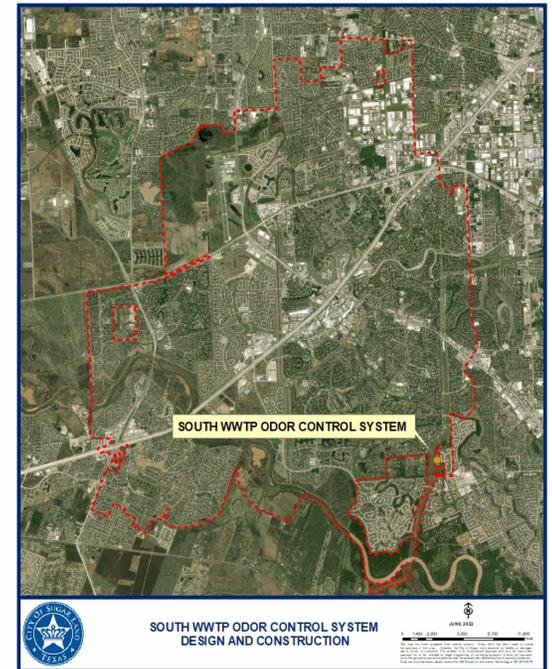
DESCRIPTION
Based on CIP CWW2101's recommendation to design and construct a full scale odor control system at the city's South Wastewater Treatment Plant (SWWTP). The project includes replacing the existing cover plate system over the headworks process and drawing odorous air through a bio-scrubber with an activated carbon polisher.

JUSTIFICATION
To effectively reduce odors and eliminate odor complaints from the nearby residential community. In FY21 an assessment and PER were completed for a new odor control system at the SWWTP.

IMPACT ON OPERATING BUDGET					
Expenditures	2024	2025	2026	2027	2028
Personnel	0	0	0	0	0
Operating	0	0	0	0	0
Capital	0	0	0	0	0
GRAND TOTAL	\$ 0				

PROJECT COSTS	Project Budget To Date	FISCAL YEAR PLAN					Project Total
		BUDGET	PLANNED				
		2024	2025	2026	2027	2028	
Analysis/Study/Assessment							
Preliminary Engineering Design							
Design	100,000	0	0	0	0	0	\$ 100,000
Construction	800,000	0	0	0	0	0	\$ 800,000
Land/ROW							
Furniture, Fixtures, Equipment							
Contingency							
GRAND TOTAL	\$ 900,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 900,000

SOURCE OF FUNDS	Project Budget To Date	FISCAL YEAR PLAN					Project Total
		BUDGET	PLANNED				
		2024	2025	2026	2027	2028	
Revenue Bonds	900,000	0	0	0	0	0	\$ 900,000
GRAND TOTAL	\$ 900,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 900,000



PROJECT SCHEDULE	START	END
Analysis/Study/Assessment		
Preliminary Engineering Design		
Design	Nov-22	Nov-23
Construction	Jan-24	Jan-25
Land/ROW		
Furniture, Fixtures, Equipment		

OTHER:

City Goal:	Responsible City Government
Reference:	CIP CWW2101 Odor Control Study
Project Manager:	Engineering Department
Estimator:	Engineering Department

**CITY OF SUGAR LAND
2024 - 2028 CAPITAL IMPROVEMENT PROGRAM
Wastewater**

PROJECT NO. CWW2401	PROJECT TITLE Lift Station Rehabilitation Program
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DESCRIPTION
Annual rehabilitation of the city's lift stations that have been identified by staff through routine inspections and annual assessments due to aging infrastructure and reliability concerns. Project includes improvements to Terrace View (Greatwood), Greatwood Lakes, and the Recreation Center.

JUSTIFICATION
The lift stations are recommended for rehabilitation due to aging infrastructure, reliability concerns, extreme wet well deterioration and pump and control panel wear.

IMPACT ON OPERATING BUDGET					
Expenditures	2024	2025	2026	2027	2028
Personnel	0	0	0	0	0
Operating	0	0	0	0	0
Capital	0	0	0	0	0
GRAND TOTAL	\$ 0				

PROJECT COSTS	Project Budget To Date	FISCAL YEAR PLAN					Project Total
		BUDGET	PLANNED				
		2024	2025	2026	2027	2028	
Analysis/Study/Assessment							
Preliminary Engineering Design							
Design	0	400,000	400,000	400,000	400,000	400,000	\$ 2,000,000
Construction	0	2,100,000	2,100,000	2,100,000	2,100,000	2,100,000	\$ 10,500,000
Land/ROW							
Furniture, Fixtures, Equipment							
Contingency							
GRAND TOTAL	\$ 0	\$ 2,500,000	\$ 12,500,000				

SOURCE OF FUNDS	Project Budget To Date	FISCAL YEAR PLAN					Project Total
		BUDGET	PLANNED				
		2024	2025	2026	2027	2028	
System Revenues	0	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	\$ 5,000,000
Revenue Bonds	0	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	\$ 7,500,000
GRAND TOTAL	\$ 0	\$ 2,500,000	\$ 12,500,000				



PROJECT SCHEDULE	START	END
Analysis/Study/Assessment		
Preliminary Engineering Design		
Design		
Construction	Oct-23	Sep-28
Land/ROW		
Furniture, Fixtures, Equipment		

OTHER:

City Goal:	Responsible City Government
Reference:	Lift Station Rehabilitation Program
Project Manager:	Engineering Department
Estimator:	Public Works Department

**CITY OF SUGAR LAND
2024 - 2028 CAPITAL IMPROVEMENT PROGRAM
Wastewater**

PROJECT NO. CWW2402	PROJECT TITLE Lift Station SCADA Program
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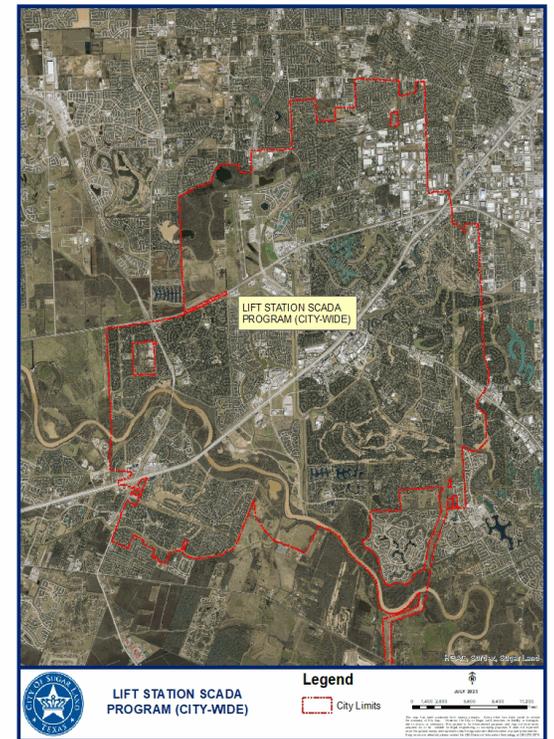
DESCRIPTION Install Supervisory Control and Data Acquisition (SCADA) at all unmonitored lift stations city-wide.	IMPACT ON OPERATING BUDGET					
	Expenditures	2024	2025	2026	2027	2028
	Personnel	0	0	0	0	0
	Operating	0	0	0	0	0
	Capital	0	0	0	0	0
JUSTIFICATION A total of 38 lift stations are currently monitored, the remaining 92 lift stations will be included in the scope of this project over 3 years. This will allow the lift stations to be monitored continuously by staff to reduce failures and overflows.	GRAND TOTAL	\$ 0				

PROJECT COSTS	Project Budget To Date	FISCAL YEAR PLAN					Project Total
		BUDGET	PLANNED				
		2024	2025	2026	2027	2028	
Analysis/Study/Assessment							
Preliminary Engineering Design							
Design	0	200,000	0	0	0	0	\$ 200,000
Construction	0	0	1,280,000	1,280,000	1,080,000	0	\$ 3,640,000
Land/ROW							
Furniture, Fixtures, Equipment							
Contingency							
GRAND TOTAL	\$ 0	\$ 200,000	\$ 1,280,000	\$ 1,280,000	\$ 1,080,000	\$ 0	\$ 3,840,000

SOURCE OF FUNDS	Project Budget To Date	FISCAL YEAR PLAN					Project Total
		BUDGET	PLANNED				
		2024	2025	2026	2027	2028	
Revenue Bonds	0	200,000	1,280,000	1,280,000	1,080,000	0	\$ 3,840,000
GRAND TOTAL	\$ 0	\$ 200,000	\$ 1,280,000	\$ 1,280,000	\$ 1,080,000	\$ 0	\$ 3,840,000

PROJECT SCHEDULE	START	END
Analysis/Study/Assessment		
Preliminary Engineering Design		
Design	Oct-23	Jun-24
Construction	Jul-24	Sep-26
Land/ROW		
Furniture, Fixtures, Equipment		

OTHER:



City Goal:	Responsible City Government
Reference:	Public Works Assessment
Project Manager:	Public Works Department
Estimator:	Public Works Department

**CITY OF SUGAR LAND
2024 - 2028 CAPITAL IMPROVEMENT PROGRAM
Wastewater**

PROJECT NO. CWW2403	PROJECT TITLE Wastewater Forcemain Condition Assessment
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<p>DESCRIPTION</p> <p>Conduct an assessment to identify the current condition of each of the city's lift station force mains and build an annual program that will assist in the rehabilitation and/or replacement of the force mains.</p>
<p>JUSTIFICATION</p> <p>The City operates and maintains 130 lift stations. The goal with this project is to identify the current condition of the force mains and lay out a plan for annual rehabilitation, similar to programs for all other water and wastewater infrastructure.</p>

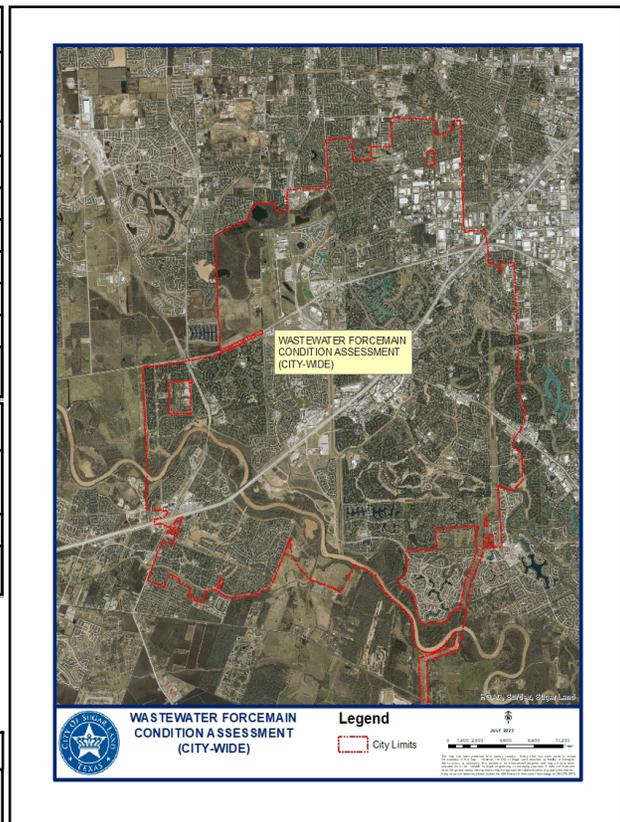
IMPACT ON OPERATING BUDGET					
Expenditures	2024	2025	2026	2027	2028
Personnel	0	0	0	0	0
Operating	0	0	0	0	0
Capital	0	0	0	0	0
GRAND TOTAL	\$ 0				

PROJECT COSTS	Project Budget To Date	FISCAL YEAR PLAN					Project Total
		BUDGET	PLANNED				
		2024	2025	2026	2027	2028	
Analysis/Study/Assessment	0	250,000	250,000	250,000	0	0	\$ 750,000
Preliminary Engineering Design							
Design							
Construction							
Land/ROW							
Furniture, Fixtures, Equipment							
Contingency							
GRAND TOTAL	\$ 0	\$ 250,000	\$ 250,000	\$ 250,000	\$ 0	\$ 0	\$ 750,000

SOURCE OF FUNDS	Project Budget To Date	FISCAL YEAR PLAN					Project Total
		BUDGET	PLANNED				
		2024	2025	2026	2027	2028	
Revenue Bonds	0	250,000	250,000	250,000	0	0	\$ 750,000
GRAND TOTAL	\$ 0	\$ 250,000	\$ 250,000	\$ 250,000	\$ 0	\$ 0	\$ 750,000

PROJECT SCHEDULE	START	END
Analysis/Study/Assessment	Oct-23	Sep-24
Preliminary Engineering Design		
Design		
Construction		
Land/ROW		
Furniture, Fixtures, Equipment		

OTHER:



City Goal:	Responsible City Government
Reference:	Public Works Assessment
Project Manager:	Engineering Department
Estimator:	Engineering Department

**CITY OF SUGAR LAND
2024 - 2028 CAPITAL IMPROVEMENT PROGRAM
Wastewater**

PROJECT NO. CWW2404	PROJECT TITLE Lift Station Bypass Pumps Rehab
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DESCRIPTION Implement the assessment recommendations to repair or replace bypass pumps at the city's lift stations.
JUSTIFICATION The previous several years impacts from hurricanes and ice storms brought to light the need to be performing routine CIP rehab and replacement for our lift station bypass pumps. The goal with this project is to implement the recommendations from the CWW2201 Preliminary Engineering Report (PER) which identified the current condition of each bypass pump and lay out a plan for annual improvements.

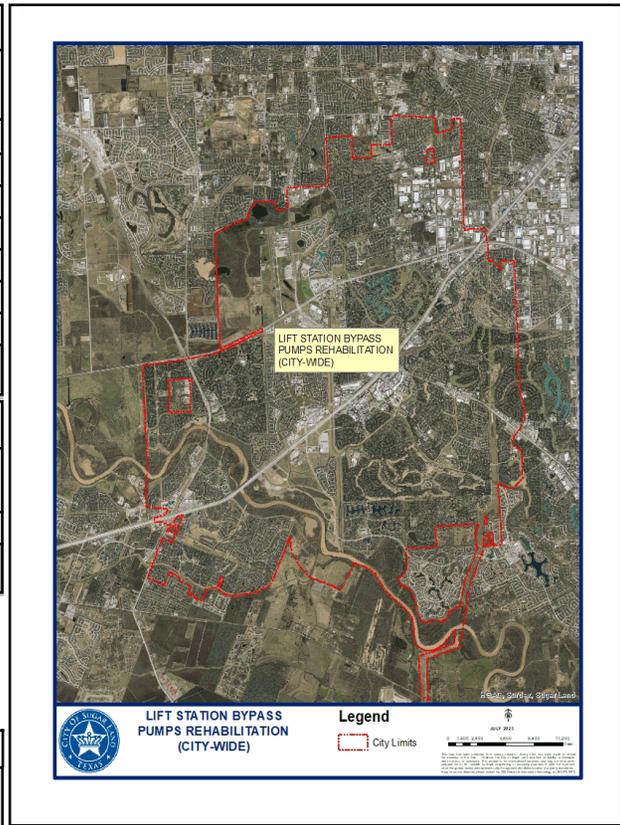
IMPACT ON OPERATING BUDGET					
Expenditures	2024	2025	2026	2027	2028
Personnel	0	0	0	0	0
Operating	0	0	0	0	0
Capital	0	0	0	0	0
GRAND TOTAL	\$ 0				

PROJECT COSTS	Project Budget To Date	FISCAL YEAR PLAN					Project Total
		BUDGET	PLANNED				
		2024	2025	2026	2027	2028	
Analysis/Study/Assessment							
Preliminary Engineering Design							
Design	0	400,000	0	0	0	0	\$ 400,000
Construction	0	150,000	300,000	300,000	300,000	300,000	\$ 1,350,000
Land/ROW							
Furniture, Fixtures, Equipment							
Contingency							
GRAND TOTAL	\$ 0	\$ 550,000	\$ 300,000	\$ 300,000	\$ 300,000	\$ 300,000	\$ 1,750,000

SOURCE OF FUNDS	Project Budget To Date	FISCAL YEAR PLAN					Project Total
		BUDGET	PLANNED				
		2024	2025	2026	2027	2028	
Revenue Bonds	0	550,000	300,000	300,000	300,000	300,000	\$ 1,750,000
GRAND TOTAL	\$ 0	\$ 550,000	\$ 300,000	\$ 300,000	\$ 300,000	\$ 300,000	\$ 1,750,000

PROJECT SCHEDULE	START	END
Analysis/Study/Assessment		
Preliminary Engineering Design		
Design	Oct-23	Feb-24
Construction	Mar-24	Dec-24
Land/ROW		
Furniture, Fixtures, Equipment		

OTHER:



City Goal:	Responsible City Government
Reference:	CIP CWW2201 PER
Project Manager:	Engineering Department
Estimator:	Public Works Department

CITY OF SUGAR LAND
2024 - 2028 CAPITAL IMPROVEMENT PROGRAM
WATER

PROJECT NO.	PROJECT NAME	PRIOR FUNDING	2024 BUDGET	2025 ESTIMATE	2026 ESTIMATE	2027 ESTIMATE	2028 ESTIMATE	2024-2028 TOTAL
CWA2004	Ground Water Plant Rehabilitation	\$ 3,260,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
CWA2201	Ground Storage Tank Rehabilitation	1,200,000	-	-	-	-	-	-
CWA2203	SCADA Improvements	228,000	-	-	-	-	-	-
CWA2207	Utilities Costs for Ransom Road Project	500,000	-	-	-	-	-	-
CWA2208	Well Rehabilitation	1,870,000	-	-	-	-	-	-
CWA2209	Groundwater Plan Rehabilitation	1,100,000	-	-	-	-	-	-
CWA2210	Advanced Metering Infrastructure (AMI)	13,367,100	-	-	-	-	-	-
CWA2301	Distribution System Water Main Rehabilitation Program	2,800,000	-	-	-	-	-	-
CWA2302	Ground Storage Tank Rehabilitation	1,200,000	-	-	-	-	-	-
CWA2303	SCADA Improvements	304,000	-	-	-	-	-	-
CWA2304	Ground Water Plant Rehabilitation	2,160,000	-	-	-	-	-	-
CWA2305	Well Rehabilitation	1,870,000	-	-	-	-	-	-
CWA2306	Regional W Facility Siting and Conveyance Study	185,000	-	-	-	-	-	-
CWA2307	Greatwood and RiverPark Water System Capacity Improvements Evaluation	200,000	-	-	-	-	-	-
CWA2401	Distribution System Water Main Rehabilitation Program	-	300,000	2,800,000	300,000	2,800,000	300,000	6,500,000
CWA2402	Ground Storage Tank Rehabilitation	-	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	6,000,000
CWA2403	SCADA Improvements	-	380,000	380,000	380,000	380,000	380,000	1,900,000
CWA2404	Ground Water Plant Rehabilitation	-	2,160,000	2,160,000	2,160,000	2,160,000	2,160,000	10,800,000
CWA2405	Well Rehabilitation	-	1,870,000	1,870,000	1,870,000	1,870,000	1,870,000	9,350,000
CWA2406	GWP Emergency Generator - RAD Maintenance Program	-	200,000	500,000	-	-	-	700,000
CWA2407	Capital Recovery Fee Study	-	60,000	-	-	-	-	60,000
CWA2408	Elevated Storage Tank Rehabilitation	-	200,000	-	-	-	-	200,000
CWA2409	Groundwater Plan Generator Replacement	-	600,000	-	650,000	650,000	650,000	2,550,000
CWA2501	Groundwater Building Improvements	-	-	200,000	-	200,000	-	400,000
CWA2502	Water System Improvements - Greatwood	-	-	500,000	4,500,000	-	-	5,000,000
CWA2601	Groundwater Plant RAD Replacement	-	-	-	700,000	650,000	650,000	2,000,000
	TOTAL FUNDING	\$ 30,244,100	\$ 6,970,000	\$ 9,610,000	\$ 11,760,000	\$ 9,910,000	\$ 7,210,000	\$ 45,460,000

SOURCE OF FUNDS	PRIOR FUNDING	2024 BUDGET	2025 ESTIMATE	2026 ESTIMATE	2027 ESTIMATE	2028 ESTIMATE	2024-2028 TOTAL
General Revenue	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
CO's	-	-	-	-	-	-	-
SLDC	-	-	-	-	-	-	-
SL4B	-	-	-	-	-	-	-
CIP Fund Balance	-	-	-	-	-	-	-
Revenue Bonds	29,244,100	5,970,000	8,610,000	10,760,000	8,910,000	6,210,000	40,460,000
System Revenues	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	5,000,000
Other Funding	-	-	-	-	-	-	-
TOTAL	\$ 30,244,100	\$ 6,970,000	\$ 9,610,000	\$ 11,760,000	\$ 9,910,000	\$ 7,210,000	\$ 45,460,000

**CITY OF SUGAR LAND
2024 - 2028 CAPITAL IMPROVEMENT PROGRAM
SUMMARY BY FUNDING SOURCES - WATER**

PROJECT NAME	2024 BUDGET	2025 ESTIMATE	2026 ESTIMATE	2027 ESTIMATE	2028 ESTIMATE	2024-2028 TOTAL
Distribution System Water Main Rehabilitation Program	\$ 300,000	\$ 2,800,000	\$ 300,000	\$ 2,800,000	\$ 300,000	\$ 6,500,000
Ground Storage Tank Rehabilitation	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	6,000,000
SCADA Improvements	380,000	380,000	380,000	380,000	380,000	1,900,000
Ground Water Plant Rehabilitation	2,160,000	2,160,000	2,160,000	2,160,000	2,160,000	10,800,000
Well Rehabilitation	870,000	870,000	870,000	870,000	870,000	4,350,000
GWP Emergency Generator - RAD Maintenance Program	200,000	500,000	-	-	-	700,000
Capital Recovery Fee Study	60,000	-	-	-	-	60,000
Elevated Storage Tank Rehabilitation	200,000	-	-	-	-	200,000
Groundwater Plant Generator Replacement	600,000	-	650,000	650,000	650,000	2,550,000
Groundwater Building Improvements	-	200,000	-	200,000	-	400,000
Water System Improvements - Greatwood	-	500,000	4,500,000	-	-	5,000,000
Groundwater Plant RAD Replacement	-	-	700,000	650,000	650,000	2,000,000
TOTAL - REVENUE BONDS	\$ 5,970,000	\$ 8,610,000	\$ 10,760,000	\$ 8,910,000	\$ 6,210,000	\$ 40,460,000

PROJECT NAME	2024 BUDGET	2025 ESTIMATE	2026 ESTIMATE	2027 ESTIMATE	2028 ESTIMATE	2024-2028 TOTAL
Well Rehabilitation	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 5,000,000
TOTAL - SYSTEM REVENUES	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 5,000,000

**CITY OF SUGAR LAND
2024 - 2028 CAPITAL IMPROVEMENT PROGRAM
Water**

PROJECT NO. CWA2004	PROJECT TITLE Ground Water Plant Rehabilitation
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DESCRIPTION Annual investment in the ground water plants. Work includes: improvements to booster pumps, on site facilities, hydro-pneumatic tanks, yard piping, site grading and drainage. The first year of the program includes improvements to the Greatwood and New Territory water treatment plants. Improvements were identified through the conditions assessment completed prior to annexation.
JUSTIFICATION With the completion of the Ground Water Plant Asset Management Model in FY19, the city will have a clear picture of the investment needed to maintain the adopted service levels at each facility.

IMPACT ON OPERATING BUDGET					
Expenditures	2024	2025	2026	2027	2028
Personnel	0	0	0	0	0
Operating	0	0	0	0	0
Capital	0	0	0	0	0
GRAND TOTAL	\$ 0				

PROJECT COSTS	Project Budget To Date	FISCAL YEAR PLAN					Project Total
		BUDGET	PLANNED				
		2024	2025	2026	2027	2028	
Analysis/Study/Assessment							
Preliminary Engineering Design							
Design	326,000	0	0	0	0	0	\$ 326,000
Construction	2,934,000	0	0	0	0	0	\$ 2,934,000
Land/ROW							
Furniture, Fixtures, Equipment							
Contingency							
GRAND TOTAL	\$ 3,260,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 3,260,000

SOURCE OF FUNDS	Project Budget To Date	FISCAL YEAR PLAN					Project Total
		BUDGET	PLANNED				
		2024	2025	2026	2027	2028	
Revenue Bonds	3,260,000	0	0	0	0	0	\$ 3,260,000
GRAND TOTAL	\$ 3,260,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 3,260,000



PROJECT SCHEDULE	START	END
Analysis/Study/Assessment		
Preliminary Engineering Design		
Design		
Construction	Jul-21	May-24
Land/ROW		
Furniture, Fixtures, Equipment		

OTHER:

City Goal:	Responsible City Government
Reference:	Groundwater Plant Rehabilitation Program
Project Manager:	Engineering Department
Estimator:	Engineering Department

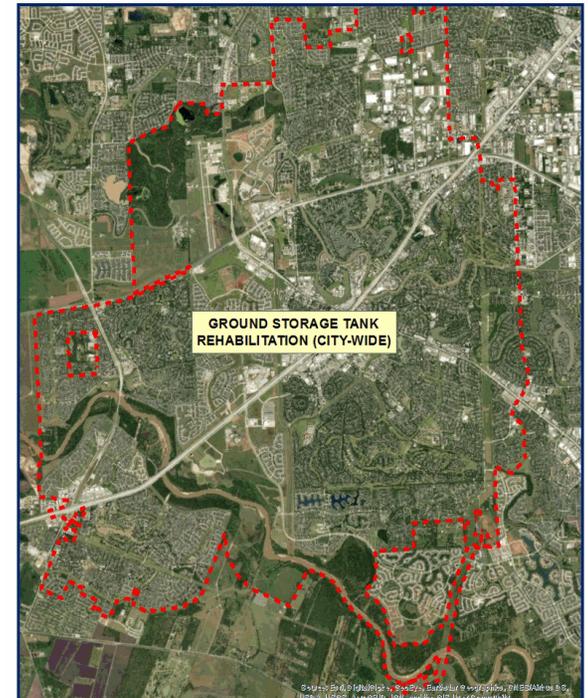
**CITY OF SUGAR LAND
2024 - 2028 CAPITAL IMPROVEMENT PROGRAM
Water**

PROJECT NO. CWA2201	PROJECT TITLE Ground Storage Tank Rehabilitation
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<p>DESCRIPTION</p> <p>Annual funding for refurbishment of existing ground storage water tanks (GST) at a site to be determined and prioritized by scheduled evaluation and assessment. Work includes structural repairs and modifications as needed, blasting and proper removal of old coatings and repainting. Project includes improvements to GST Thompson Chapel West and River Park North.</p> <p>JUSTIFICATION</p> <p>Timely and proper maintenance of GST's is essential to prolong their useful life. In general, GST's are rehabilitated every 15-years. This assessment will help determine the condition of GST's and accordingly program them for rehabilitation with the City's Capital Improvement Program.</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="6" style="text-align: center;">IMPACT ON OPERATING BUDGET</th> </tr> <tr> <th style="text-align: left;">Expenditures</th> <th style="text-align: center;">2024</th> <th style="text-align: center;">2025</th> <th style="text-align: center;">2026</th> <th style="text-align: center;">2027</th> <th style="text-align: center;">2028</th> </tr> </thead> <tbody> <tr> <td>Personnel</td> <td style="text-align: center;">0</td> </tr> <tr> <td>Operating</td> <td style="text-align: center;">0</td> </tr> <tr> <td>Capital</td> <td style="text-align: center;">0</td> </tr> <tr style="background-color: #e0e0e0;"> <td>GRAND TOTAL</td> <td style="text-align: center;">\$ 0</td> </tr> </tbody> </table>	IMPACT ON OPERATING BUDGET						Expenditures	2024	2025	2026	2027	2028	Personnel	0	0	0	0	0	Operating	0	0	0	0	0	Capital	0	0	0	0	0	GRAND TOTAL	\$ 0				
IMPACT ON OPERATING BUDGET																																					
Expenditures	2024	2025	2026	2027	2028																																
Personnel	0	0	0	0	0																																
Operating	0	0	0	0	0																																
Capital	0	0	0	0	0																																
GRAND TOTAL	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0																																

PROJECT COSTS	Project Budget To Date	FISCAL YEAR PLAN					Project Total
		BUDGET	PLANNED				
		2024	2025	2026	2027	2028	
Analysis/Study/Assessment							
Preliminary Engineering Design							
Design	120,000	0	0	0	0	0	\$ 120,000
Construction	1,080,000	0	0	0	0	0	\$ 1,080,000
Land/ROW							
Furniture, Fixtures, Equipment							
Contingency							
GRAND TOTAL	\$ 1,200,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 1,200,000

SOURCE OF FUNDS	Project Budget To Date	FISCAL YEAR PLAN					Project Total
		BUDGET	PLANNED				
		2024	2025	2026	2027	2028	
Revenue Bonds	1,200,000	0	0	0	0	0	\$ 1,200,000
GRAND TOTAL	\$ 1,200,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 1,200,000



PROJECT SCHEDULE	START	END
Analysis/Study/Assessment		
Preliminary Engineering Design		
Design		
Construction	Sep-22	May-24
Land/ROW		
Furniture, Fixtures, Equipment		

OTHER:

City Goal:	Responsible City Government
Reference:	Ground Storage Tank Rehabilitation Program
Project Manager:	Engineering Department
Estimator:	Public Works Department

**CITY OF SUGAR LAND
2024 - 2028 CAPITAL IMPROVEMENT PROGRAM
Water**

PROJECT NO. CWA2203	PROJECT TITLE SCADA Improvements
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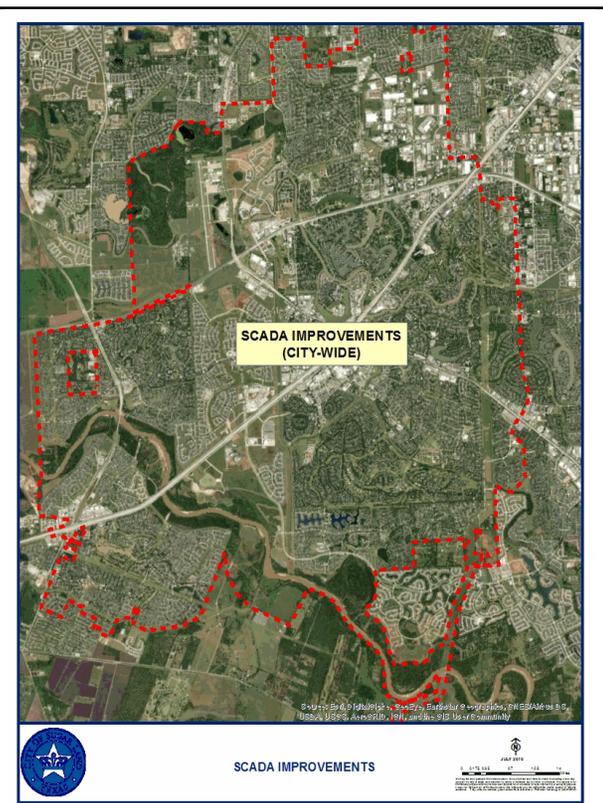
DESCRIPTION
Annual program to maintain the Supervisory Control and Data Acquisition (SCADA) system for the city's utilities. Allows for the continuation of necessary repairs to failed parts of the system.

JUSTIFICATION
The City currently operates one surface water treatment plant, 12 groundwater plants, four wastewater treatment plants, and 134 wastewater lift stations. These facilities are monitored and operated by state licensed operators and technicians. Real-time monitoring and control of the facilities is provided by a remote SCADA system. This project is critical to the success of the city's facilities running efficiently and providing the quality services for the residents.

IMPACT ON OPERATING BUDGET					
Expenditures	2024	2025	2026	2027	2028
Personnel	0	0	0	0	0
Operating	0	0	0	0	0
Capital	0	0	0	0	0
GRAND TOTAL	\$ 0				

PROJECT COSTS	Project Budget To Date	FISCAL YEAR PLAN					Project Total
		BUDGET	PLANNED				
		2024	2025	2026	2027	2028	
Analysis/Study/Assessment							
Preliminary Engineering Design							
Design	76,000	0	0	0	0	0	\$ 76,000
Construction	152,000	0	0	0	0	0	\$ 152,000
Land/ROW							
Furniture, Fixtures, Equipment							
Contingency							
GRAND TOTAL	\$ 228,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 228,000

SOURCE OF FUNDS	Project Budget To Date	FISCAL YEAR PLAN					Project Total
		BUDGET	PLANNED				
		2024	2025	2026	2027	2028	
Revenue Bonds	228,000	0	0	0	0	0	\$ 228,000
GRAND TOTAL	\$ 228,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 228,000



PROJECT SCHEDULE	START	END
Analysis/Study/Assessment		
Preliminary Engineering Design		
Design	Oct-19	Sep-20
Construction	Oct-21	Dec-23
Land/ROW		
Furniture, Fixtures, Equipment		

OTHER:

City Goal:	Responsible City Government
Reference:	Public Works Assessment
Project Manager:	Public Works Department
Estimator:	Public Works Department

**CITY OF SUGAR LAND
2024 - 2028 CAPITAL IMPROVEMENT PROGRAM
Water**

PROJECT NO. CWA2207	PROJECT TITLE Utilities Cost for Ransom Road Project
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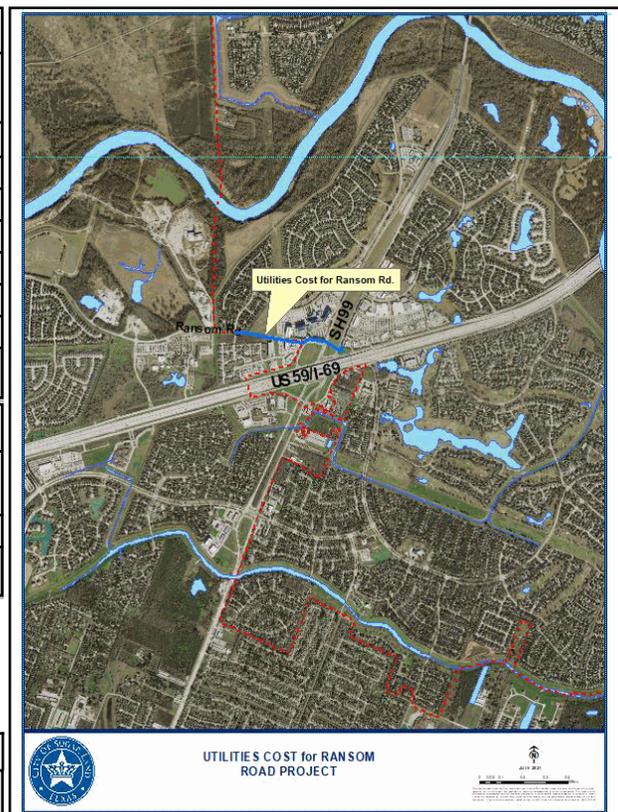
DESCRIPTION Construction of a 12-inch water line along Ransom Road from the existing water line at Indigo River Road east to SH99.
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JUSTIFICATION The 2020 FBC Mobility Bonds approved the reconstruction and widening of Ransom Road near SH99 and reconstruction of it's connector roadway to I-69. The City will be responsible for the improvements to the City's waterline during the construction.
--

IMPACT ON OPERATING BUDGET					
Expenditures	2024	2025	2026	2027	2028
Personnel	0	0	0	0	0
Operating	0	0	0	0	0
Capital	0	0	0	0	0
GRAND TOTAL	\$ 0				

PROJECT COSTS	Project Budget To Date	FISCAL YEAR PLAN					Project Total
		BUDGET	PLANNED				
		2024	2025	2026	2027	2028	
Analysis/Study/Assessment							
Preliminary Engineering Design							
Design							
Construction	500,000	0	0	0	0	0	\$ 500,000
Land/ROW							
Furniture, Fixtures, Equipment							
Contingency							
GRAND TOTAL	\$ 500,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 500,000

SOURCE OF FUNDS	Project Budget To Date	FISCAL YEAR PLAN					Project Total
		BUDGET	PLANNED				
		2024	2025	2026	2027	2028	
Revenue Bonds	500,000	0	0	0	0	0	\$ 500,000
GRAND TOTAL	\$ 500,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 500,000



PROJECT SCHEDULE	START	END
Analysis/Study/Assessment		
Preliminary Engineering Design		
Design		
Construction	Dec-22	Dec-25
Land/ROW		
Furniture, Fixtures, Equipment		

OTHER:

City Goal:	Responsible City Government
Reference:	2020 FBC Mobility Bond
Project Manager:	Engineering Department
Estimator:	Engineering Department

**CITY OF SUGAR LAND
2024 - 2028 CAPITAL IMPROVEMENT PROGRAM
Water**

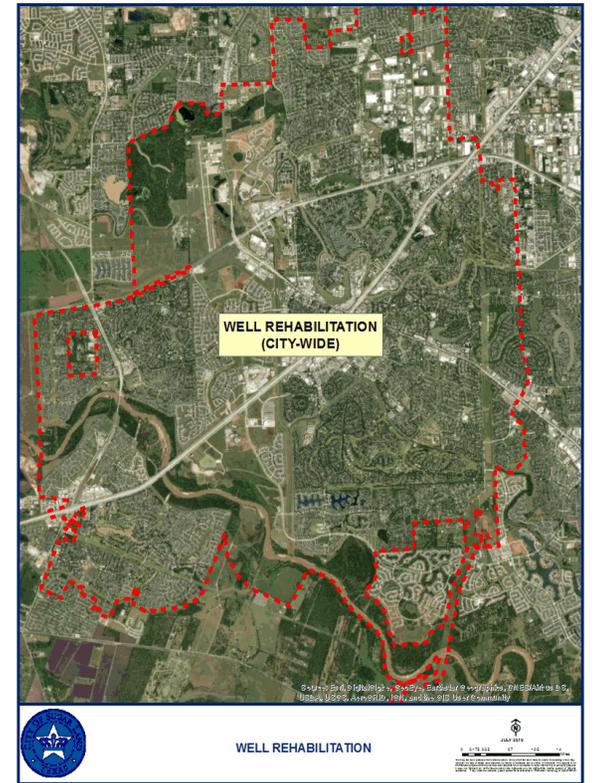
PROJECT NO. CWA2208	PROJECT TITLE Well Rehabilitation
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DESCRIPTION Design and construction of scheduled maintenance of water wells for one of the 23 City water wells. Scope includes pulling of pumps from wells and cleaning well screens. Repairs required for the wells and pumps are determined when the wells are pulled. Project includes improvements to River Park, Soldiers Field (Main City system) and Great Oak well (Main City system).
JUSTIFICATION Preventative maintenance in accordance with the Well Rehabilitation Plan. Regularly scheduled maintenance is essential to ensure an adequate water supply during periods of peak usage.

IMPACT ON OPERATING BUDGET					
Expenditures	2024	2025	2026	2027	2028
Personnel	0	0	0	0	0
Operating	0	0	0	0	0
Capital	0	0	0	0	0
GRAND TOTAL	\$ 0				

PROJECT COSTS	Project Budget To Date	FISCAL YEAR PLAN					Project Total
		BUDGET	PLANNED				
		2024	2025	2026	2027	2028	
Analysis/Study/Assessment							
Preliminary Engineering Design							
Design	200,000	0	0	0	0	0	\$ 200,000
Construction	1,670,000	0	0	0	0	0	\$ 1,670,000
Land/ROW							
Furniture, Fixtures, Equipment							
Contingency							
GRAND TOTAL	\$ 1,870,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 1,870,000

SOURCE OF FUNDS	Project Budget To Date	FISCAL YEAR PLAN					Project Total
		BUDGET	PLANNED				
		2024	2025	2026	2027	2028	
Revenue Bonds	1,870,000	0	0	0	0	0	\$ 1,870,000
GRAND TOTAL	\$ 1,870,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 1,870,000



PROJECT SCHEDULE	START	END
Analysis/Study/Assessment		
Preliminary Engineering Design		
Design	Oct-21	Jan-22
Construction	Feb-22	Sep-23
Land/ROW		
Furniture, Fixtures, Equipment		

OTHER:

City Goal:	Responsible City Government
Reference:	Well Rehabilitation Program
Project Manager:	Engineering Department
Estimator:	Public Works Department

**CITY OF SUGAR LAND
2024 - 2028 CAPITAL IMPROVEMENT PROGRAM
Water**

PROJECT NO. CWA2209	PROJECT TITLE Groundwater Plant Rehabilitation
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DESCRIPTION
Annual investment in the ground water plants. Work includes: improvements to booster pumps, on site facilities, hydro-pneumatic tanks, yard piping, site grading and drainage. Improvements were identified through the conditions assessment completed prior to annexation.

JUSTIFICATION
Scheduled maintenance for water storage tanks is following the Department's Tank Rehabilitation Plan. The interior and exterior coatings are failing and replacement is recommended to extend the life of the tanks. Regularly scheduled maintenance is essential to ensure an adequate water supply during periods of peak usage.

IMPACT ON OPERATING BUDGET					
Expenditures	2024	2025	2026	2027	2028
Personnel	0	0	0	0	0
Operating	0	0	0	0	0
Capital	0	0	0	0	0
GRAND TOTAL	\$ 0				

PROJECT COSTS	Project Budget To Date	FISCAL YEAR PLAN					Project Total
		BUDGET	PLANNED				
		2024	2025	2026	2027	2028	
Analysis/Study/Assessment							
Preliminary Engineering Design							
Design	1,100,000	0	0	0	0	0	\$ 1,100,000
Construction							
Land/ROW							
Furniture, Fixtures, Equipment							
Contingency							
GRAND TOTAL	\$ 1,100,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 1,100,000

SOURCE OF FUNDS	Project Budget To Date	FISCAL YEAR PLAN					Project Total
		BUDGET	PLANNED				
		2024	2025	2026	2027	2028	
Revenue Bonds	1,100,000	0	0	0	0	0	\$ 1,100,000
GRAND TOTAL	\$ 1,100,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 1,100,000



PROJECT SCHEDULE	START	END
Analysis/Study/Assessment		
Preliminary Engineering Design		
Design		
Construction	Jan-23	Oct-24
Land/ROW		
Furniture, Fixtures, Equipment		

OTHER:

City Goal:	Responsible City Government
Reference:	Ground Water Plant Rehabilitation Program
Project Manager:	Engineering Department
Estimator:	Public Works Department

**CITY OF SUGAR LAND
2024 - 2028 CAPITAL IMPROVEMENT PROGRAM
Water**

PROJECT NO. CWA2210	PROJECT TITLE Advanced Metering Infrastructure (AMI)
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DESCRIPTION Design and implementation of the City wide Advanced Metering Infrastructure (AMI) system to remotely monitor water consumption throughout the City.
JUSTIFICATION The Integrated Water Resource Plan (IWRP) recommended the implementation of Advanced Metering Infrastructure (AMI) as a key to long term subsidence compliance. This project will begin in 2021 and will follow the schedule and costs outlined in the City's AMI feasibility study.

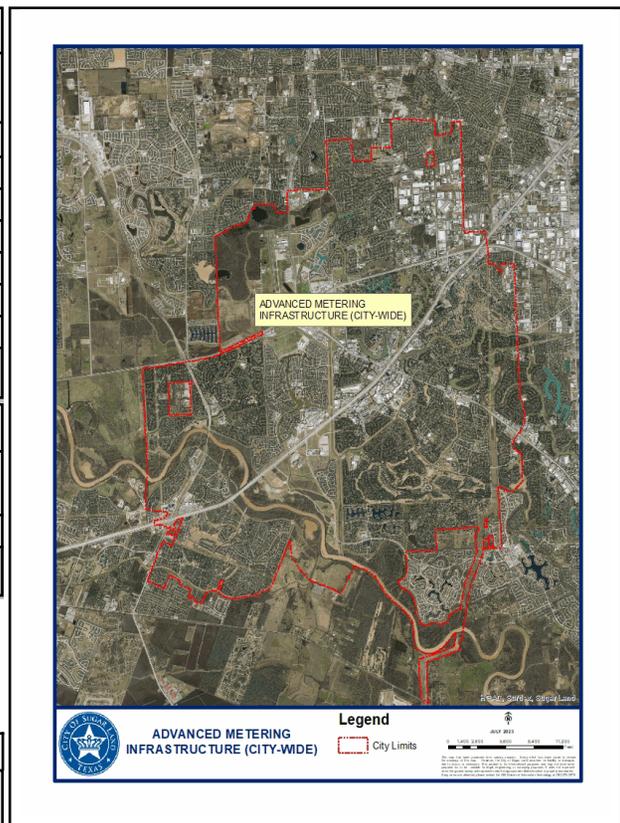
IMPACT ON OPERATING BUDGET					
Expenditures	2024	2025	2026	2027	2028
Personnel	0	0	0	0	0
Operating	0	0	0	0	0
Capital	0	0	0	0	0
GRAND TOTAL	\$ 0				

PROJECT COSTS	Project Budget To Date	FISCAL YEAR PLAN					Project Total
		BUDGET	PLANNED				
		2024	2025	2026	2027	2028	
Analysis/Study/Assessment							
Preliminary Engineering Design							
Design	1,710,700	0	0	0	0	0	\$ 1,710,700
Construction	11,656,400	0	0	0	0	0	\$ 11,656,400
Land/ROW							
Furniture, Fixtures, Equipment							
Contingency							
GRAND TOTAL	\$ 13,367,100	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 13,367,100

SOURCE OF FUNDS	Project Budget To Date	FISCAL YEAR PLAN					Project Total
		BUDGET	PLANNED				
		2024	2025	2026	2027	2028	
Revenue Bonds	13,367,100	0	0	0	0	0	\$ 13,367,100
GRAND TOTAL	\$ 13,367,100	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 13,367,100

PROJECT SCHEDULE	START	END
Analysis/Study/Assessment		
Preliminary Engineering Design		
Design		
Construction	Oct-22	Oct-24
Land/ROW		
Furniture, Fixtures, Equipment		

OTHER:



City Goal:	Safest City
Reference:	IWRP
Project Manager:	Engineering Department
Estimator:	Public Works Department

**CITY OF SUGAR LAND
2024 - 2028 CAPITAL IMPROVEMENT PROGRAM
Water**

PROJECT NO. CWA2301	PROJECT TITLE Distribution System Water Main Rehabilitation Program
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DESCRIPTION A waterline replacement analysis was conducted based on maintenance records to prioritize the water line rehabilitation. The biennial project include design and construction of distribution system water lines to replace aged and high maintenance existing waterlines. Design in one year and construction in the next year.
JUSTIFICATION A review and evaluation of maintenance records and distribution system infrastructure inventory determined the proposed areas require the highest level of maintenance in the system. Rehabilitation will improve water quality service.

IMPACT ON OPERATING BUDGET					
Expenditures	2024	2025	2026	2027	2028
Personnel	0	0	0	0	0
Operating	0	0	0	0	0
Capital	0	0	0	0	0
GRAND TOTAL	\$ 0				

PROJECT COSTS	Project Budget To Date	FISCAL YEAR PLAN					Project Total
		BUDGET	PLANNED				
		2024	2025	2026	2027	2028	
Analysis/Study/Assessment							
Preliminary Engineering Design							
Design							
Construction	2,800,000	0	0	0	0	0	\$ 2,800,000
Land/ROW							
Furniture, Fixtures, Equipment							
Contingency							
GRAND TOTAL	\$ 2,800,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 2,800,000

SOURCE OF FUNDS	Project Budget To Date	FISCAL YEAR PLAN					Project Total
		BUDGET	PLANNED				
		2024	2025	2026	2027	2028	
Revenue Bonds	2,800,000	0	0	0	0	0	\$ 2,800,000
GRAND TOTAL	\$ 2,800,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 2,800,000



PROJECT SCHEDULE	START	END
Analysis/Study/Assessment		
Preliminary Engineering Design		
Design	Oct-22	Oct-23
Construction	Nov-23	Dec-24
Land/ROW		
Furniture, Fixtures, Equipment		

OTHER:

City Goal:	Responsible City Government
Reference:	Waterline Rehabilitation Program
Project Manager:	Engineering Department
Estimator:	Public Works Department

**CITY OF SUGAR LAND
2024 - 2028 CAPITAL IMPROVEMENT PROGRAM
Water**

PROJECT NO. CWA2302	PROJECT TITLE Ground Storage Tank Rehabilitation
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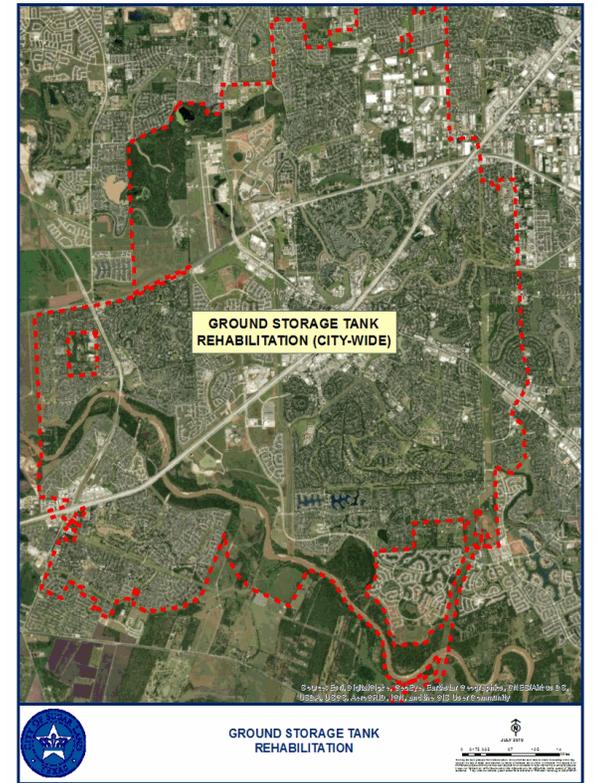
DESCRIPTION
Annual funding for refurbishment of existing ground storage water tanks at a site to be determined and prioritized by scheduled evaluation and assessment. Work includes structural repairs and modifications as needed, blasting and proper removal of old coatings and repainting.

JUSTIFICATION
Scheduled maintenance for water storage tanks is following the Department's Tank Rehabilitation Plan. The interior and exterior coatings are failing and replacement is recommended to extend the life of the tanks. Regularly scheduled maintenance is essential to ensure an adequate water supply during periods of peak usage.

IMPACT ON OPERATING BUDGET					
Expenditures	2024	2025	2026	2027	2028
Personnel	0	0	0	0	0
Operating	0	0	0	0	0
Capital	0	0	0	0	0
GRAND TOTAL	\$ 0				

PROJECT COSTS	Project Budget To Date	FISCAL YEAR PLAN					Project Total
		BUDGET	PLANNED				
		2024	2025	2026	2027	2028	
Analysis/Study/Assessment							
Preliminary Engineering Design							
Design	120,000	0	0	0	0	0	\$ 120,000
Construction	1,080,000	0	0	0	0	0	\$ 1,080,000
Land/ROW							
Furniture, Fixtures, Equipment							
Contingency							
GRAND TOTAL	\$ 1,200,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 1,200,000

SOURCE OF FUNDS	Project Budget To Date	FISCAL YEAR PLAN					Project Total
		BUDGET	PLANNED				
		2024	2025	2026	2027	2028	
Revenue Bonds	1,200,000	0	0	0	0	0	\$ 1,200,000
GRAND TOTAL	\$ 1,200,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 1,200,000



PROJECT SCHEDULE	START	END
Analysis/Study/Assessment		
Preliminary Engineering Design		
Design	Oct-22	Oct-23
Construction	Nov-23	Nov-24
Land/ROW		
Furniture, Fixtures, Equipment		

OTHER:

City Goal:	Responsible City Government
Reference:	Ground Storage Tank Rehabilitation Program
Project Manager:	Engineering Department
Estimator:	Public Works Department

**CITY OF SUGAR LAND
2024 - 2028 CAPITAL IMPROVEMENT PROGRAM
Water**

PROJECT NO. CWA2303	PROJECT TITLE SCADA Improvements
-------------------------------	--

DESCRIPTION
Annual program to maintain the Supervisory Control and Data Acquisition (SCADA) system for the city's utilities. Allows for the continuation of necessary repairs to failed parts of the system.

JUSTIFICATION
The City currently operates one surface water treatment plant, 12 groundwater plants, four wastewater treatment plants, and 134 wastewater lift stations. These facilities are monitored and operated by state licensed operators and technicians. Real-time monitoring and control of the facilities is provided by a remote SCADA system. This project is critical to the success of the city's facilities running efficiently and providing the quality services for the residents.

IMPACT ON OPERATING BUDGET					
Expenditures	2024	2025	2026	2027	2028
Personnel	0	0	0	0	0
Operating	0	0	0	0	0
Capital	0	0	0	0	0
GRAND TOTAL	\$ 0				

PROJECT COSTS	Project Budget To Date	FISCAL YEAR PLAN					Project Total
		BUDGET	PLANNED				
		2024	2025	2026	2027	2028	
Analysis/Study/Assessment							
Preliminary Engineering Design							
Design	100,000	0	0	0	0	0	\$ 100,000
Construction	204,000	0	0	0	0	0	\$ 204,000
Land/ROW							
Furniture, Fixtures, Equipment							
Contingency							
GRAND TOTAL	\$ 304,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 304,000

SOURCE OF FUNDS	Project Budget To Date	FISCAL YEAR PLAN					Project Total
		BUDGET	PLANNED				
		2024	2025	2026	2027	2028	
Revenue Bonds	304,000	0	0	0	0	0	\$ 304,000
GRAND TOTAL	\$ 304,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 304,000



PROJECT SCHEDULE	START	END
Analysis/Study/Assessment		
Preliminary Engineering Design		
Design	Oct-22	Sep-23
Construction	Jul-23	Jul-24
Land/ROW		
Furniture, Fixtures, Equipment		

OTHER:

City Goal:	Responsible City Government
Reference:	IWRP
Project Manager:	Public Works Department
Estimator:	Public Works Department

**CITY OF SUGAR LAND
2024 - 2028 CAPITAL IMPROVEMENT PROGRAM
Water**

PROJECT NO. CWA2304	PROJECT TITLE Ground Water Plant Rehabilitation
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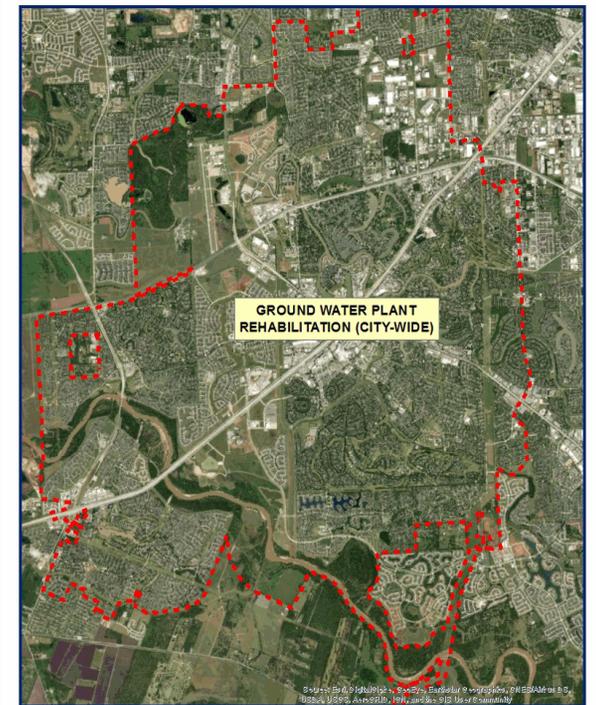
DESCRIPTION
Annual investment in the ground water plants. Work includes: improvements to booster pumps, on site facilities, hydro-pneumatic tanks, yard piping, site grading and drainage. Improvements were identified through the conditions assessment completed prior to annexation.

JUSTIFICATION
Scheduled maintenance for water storage tanks is following the Department's Tank Rehabilitation Plan. The interior and exterior coatings are failing and replacement is recommended to extend the life of the tanks. Regularly scheduled maintenance is essential to ensure an adequate water supply during periods of peak usage.

IMPACT ON OPERATING BUDGET					
Expenditures	2024	2025	2026	2027	2028
Personnel	0	0	0	0	0
Operating	0	0	0	0	0
Capital	0	0	0	0	0
GRAND TOTAL	\$ 0				

PROJECT COSTS	Project Budget To Date	FISCAL YEAR PLAN					Project Total
		BUDGET	PLANNED				
		2024	2025	2026	2027	2028	
Analysis/Study/Assessment							
Preliminary Engineering Design							
Design	200,000	0	0	0	0	0	\$ 200,000
Construction	1,960,000	0	0	0	0	0	\$ 1,960,000
Land/ROW							
Furniture, Fixtures, Equipment							
Contingency							
GRAND TOTAL	\$ 2,160,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 2,160,000

SOURCE OF FUNDS	Project Budget To Date	FISCAL YEAR PLAN					Project Total
		BUDGET	PLANNED				
		2024	2025	2026	2027	2028	
Revenue Bonds	2,160,000	0	0	0	0	0	\$ 2,160,000
GRAND TOTAL	\$ 2,160,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 2,160,000



PROJECT SCHEDULE	START	END
Analysis/Study/Assessment		
Preliminary Engineering Design		
Design	Apr-23	Apr-24
Construction	May-24	May-25
Land/ROW		
Furniture, Fixtures, Equipment		

OTHER:

City Goal:	Responsible City Government
Reference:	Ground Water Plant Rehabilitation Program
Project Manager:	Engineering Department
Estimator:	Public Works Department

**CITY OF SUGAR LAND
2024 - 2028 CAPITAL IMPROVEMENT PROGRAM
Water**

PROJECT NO. CWA2305	PROJECT TITLE Well Rehabilitation
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DESCRIPTION
Design and construction of scheduled maintenance of water wells for one of the 23 City water wells. Maintenance of water wells includes pulling of pumps from wells and cleaning well screens. Repairs required for the wells and pumps are determined when the wells are pulled.

JUSTIFICATION
Preventative maintenance in accordance with the Well Rehabilitation Plan. Regularly scheduled maintenance is essential to ensure an adequate water supply during periods of peak usage.

IMPACT ON OPERATING BUDGET					
Expenditures	2024	2025	2026	2027	2028
Personnel	0	0	0	0	0
Operating	0	0	0	0	0
Capital	0	0	0	0	0
GRAND TOTAL	\$ 0				

PROJECT COSTS	Project Budget To Date	FISCAL YEAR PLAN					Project Total
		BUDGET	PLANNED				
		2024	2025	2026	2027	2028	
Analysis/Study/Assessment							
Preliminary Engineering Design							
Design	200,000	0	0	0	0	0	\$ 200,000
Construction	1,670,000	0	0	0	0	0	\$ 1,670,000
Land/ROW							
Furniture, Fixtures, Equipment							
Contingency							
GRAND TOTAL	\$ 1,870,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 1,870,000

SOURCE OF FUNDS	Project Budget To Date	FISCAL YEAR PLAN					Project Total
		BUDGET	PLANNED				
		2024	2025	2026	2027	2028	
System Revenues	1,000,000	0	0	0	0	0	\$ 1,000,000
Revenue Bonds	870,000	0	0	0	0	0	\$ 870,000
GRAND TOTAL	\$ 1,870,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 1,870,000



PROJECT SCHEDULE	START	END
Analysis/Study/Assessment		
Preliminary Engineering Design		
Design	Oct-22	Nov-23
Construction	Dec-23	Dec-25
Land/ROW		
Furniture, Fixtures, Equipment		

OTHER:

	WELL REHABILITATION
City Goal:	Responsible City Government
Reference:	Well Rehabilitation Program
Project Manager:	Engineering Department
Estimator:	Public Works Department

**CITY OF SUGAR LAND
2024 - 2028 CAPITAL IMPROVEMENT PROGRAM
Water**

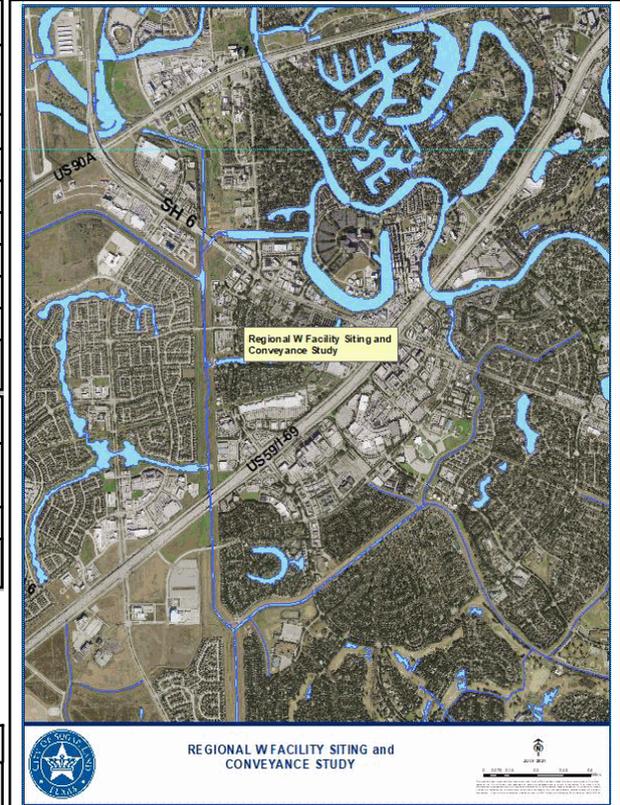
PROJECT NO. CWA2306	PROJECT TITLE Regional W Facility Siting and Conveyance Study
-------------------------------	---

DESCRIPTION Study to analyze the regional distribution infrastructure needs to serve the area South of the Brazos River and identify capital improvement plan (CIP) projects and planning level costs.
JUSTIFICATION As part of the City's 2021 Water Master Plan, the City constructed a planning-level water distribution system hydraulic model for the areas South of the Brazos. This study is needed to analyze regional service alternatives for serving this area.

IMPACT ON OPERATING BUDGET					
Expenditures	2024	2025	2026	2027	2028
Personnel	0	0	0	0	0
Operating	0	0	0	0	0
Capital	0	0	0	0	0
GRAND TOTAL	\$ 0				

PROJECT COSTS	Project Budget To Date	FISCAL YEAR PLAN					Project Total
		BUDGET	PLANNED				
		2024	2025	2026	2027	2028	
Analysis/Study/Assessment	185,000	0	0	0	0	0	\$ 185,000
Preliminary Engineering Design							
Design							
Construction							
Land/ROW							
Furniture, Fixtures, Equipment							
Contingency							
GRAND TOTAL	\$ 185,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 185,000

SOURCE OF FUNDS	Project Budget To Date	FISCAL YEAR PLAN					Project Total
		BUDGET	PLANNED				
		2024	2025	2026	2027	2028	
Revenue Bonds	185,000	0	0	0	0	0	\$ 185,000
GRAND TOTAL	\$ 185,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 185,000



PROJECT SCHEDULE	START	END
Analysis/Study/Assessment	May-23	Jun-24
Preliminary Engineering Design		
Design		
Construction		
Land/ROW		
Furniture, Fixtures, Equipment		

OTHER:

City Goal:	Responsible City Government
Reference:	2021 Water Master Plan Amendment
Project Manager:	Engineering Department
Estimator:	Public Works Department

**CITY OF SUGAR LAND
2024 - 2028 CAPITAL IMPROVEMENT PROGRAM
Water**

PROJECT NO. CWA2307	PROJECT TITLE Greatwood and RiverPark Water System Capacity Improvements Evaluation
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DESCRIPTION Develop the planning level hydraulic models into operational models to analyze the existing constraints in the water systems for Greatwood and RiverPark. Determine any capacity constraints and available improvements and alternatives for the groundwater plants and distribution system. Recommend CIP projects to improve system performance in the two systems and develop costs.	IMPACT ON OPERATING BUDGET					
	Expenditures	2024	2025	2026	2027	2028
	Personnel	0	0	0	0	0
	Operating	0	0	0	0	0
	Capital	0	0	0	0	0
GRAND TOTAL	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	
JUSTIFICATION The City must comply with the rules and regulations for public water systems set forth by the Texas Commission on Environmental Quality (TCEQ). As part of the the 2021 Water Master Plan Amendment, the City analyzed the RiverPark and Greatwood water system supply, storage, and pumping capacities compared to TCEQ regulations. The analysis determined that those areas cannot meet projected peak demands. This study will evaluate alternatives to address pressure and						

PROJECT COSTS	Project Budget To Date	FISCAL YEAR PLAN					Project Total
		BUDGET	PLANNED				
		2024	2025	2026	2027	2028	
Analysis/Study/Assessment	200,000	0	0	0	0	0	\$ 200,000
Preliminary Engineering Design							
Design							
Construction							
Land/ROW							
Furniture, Fixtures, Equipment							
Contingency							
GRAND TOTAL	\$ 200,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 200,000

SOURCE OF FUNDS	Project Budget To Date	FISCAL YEAR PLAN					Project Total
		BUDGET	PLANNED				
		2024	2025	2026	2027	2028	
Revenue Bonds	200,000	0	0	0	0	0	\$ 200,000
GRAND TOTAL	\$ 200,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 200,000

PROJECT SCHEDULE	START	END
Analysis/Study/Assessment	Jun-23	Jun-24
Preliminary Engineering Design		
Design		
Construction		
Land/ROW		
Furniture, Fixtures, Equipment		

OTHER:



City Goal:	Responsible City Government
Reference:	2021 Water Master Plan Amendment
Project Manager:	Engineering Department
Estimator:	Public Works Department

**CITY OF SUGAR LAND
2024 - 2028 CAPITAL IMPROVEMENT PROGRAM
Water**

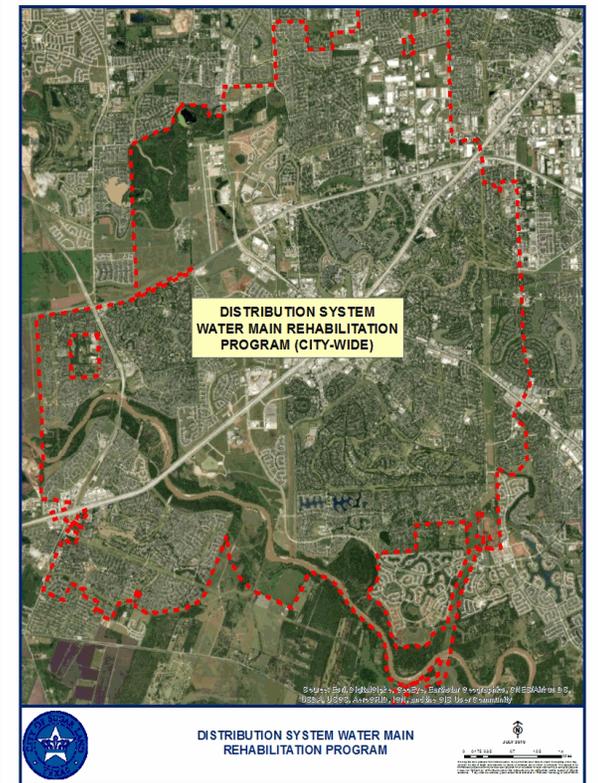
PROJECT NO. CWA2401	PROJECT TITLE Distribution System Water Main Rehabilitation Program
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DESCRIPTION A waterline replacement analysis was conducted based on maintenance records to prioritize the water line rehabilitation. The biennial project include design and construction of distribution system water lines to replace aged and high maintenance existing waterlines. Design in one year and construction in the next year.
JUSTIFICATION A review and evaluation of maintenance records and distribution system infrastructure inventory determined the proposed areas require the highest level of maintenance in the system. Rehabilitation will improve water quality service.

IMPACT ON OPERATING BUDGET					
Expenditures	2024	2025	2026	2027	2028
Personnel	0	0	0	0	0
Operating	0	0	0	0	0
Capital	0	0	0	0	0
GRAND TOTAL	\$ 0				

PROJECT COSTS	Project Budget To Date	FISCAL YEAR PLAN					Project Total
		BUDGET	PLANNED				
		2024	2025	2026	2027	2028	
Analysis/Study/Assessment							
Preliminary Engineering Design							
Design	0	300,000	0	300,000	0	300,000	\$ 900,000
Construction	0	0	2,800,000	0	2,800,000	0	\$ 5,600,000
Land/ROW							
Furniture, Fixtures, Equipment							
Contingency							
GRAND TOTAL	\$ 0	\$ 300,000	\$ 2,800,000	\$ 300,000	\$ 2,800,000	\$ 300,000	\$ 6,500,000

SOURCE OF FUNDS	Project Budget To Date	FISCAL YEAR PLAN					Project Total
		BUDGET	PLANNED				
		2024	2025	2026	2027	2028	
Revenue Bonds	0	300,000	2,800,000	300,000	2,800,000	300,000	\$ 6,500,000
GRAND TOTAL	\$ 0	\$ 300,000	\$ 2,800,000	\$ 300,000	\$ 2,800,000	\$ 300,000	\$ 6,500,000



PROJECT SCHEDULE	START	END
Analysis/Study/Assessment		
Preliminary Engineering Design		
Design	Oct-23	Sep-28
Construction	Oct-24	Sep-28
Land/ROW		
Furniture, Fixtures, Equipment		

OTHER:

City Goal:	Responsible City Government
Reference:	Waterline Rehabilitation Program
Project Manager:	Engineering Department
Estimator:	Public Works Department

**CITY OF SUGAR LAND
2024 - 2028 CAPITAL IMPROVEMENT PROGRAM
Water**

PROJECT NO. CWA2402	PROJECT TITLE Ground Storage Tank Rehabilitation
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DESCRIPTION
Annual funding for refurbishment of existing ground storage water tanks (GST) at a site to be determined and prioritized by scheduled evaluation and assessment. Work includes structural repairs and modifications as needed, blasting and proper removal of old coatings and repainting.

JUSTIFICATION
Timely and proper maintenance of GST's is essential to prolong their useful life. In general, GST's are rehabilitated every 15-years. This assessment will help determine the condition of GST's and accordingly program them for rehabilitation with the City's Capital Improvement Program.

IMPACT ON OPERATING BUDGET					
Expenditures	2024	2025	2026	2027	2028
Personnel	0	0	0	0	0
Operating	0	0	0	0	0
Capital	0	0	0	0	0
GRAND TOTAL	\$ 0				

PROJECT COSTS	Project Budget To Date	FISCAL YEAR PLAN					Project Total
		BUDGET	PLANNED				
		2024	2025	2026	2027	2028	
Analysis/Study/Assessment							
Preliminary Engineering Design							
Design	0	120,000	120,000	120,000	120,000	120,000	\$ 600,000
Construction	0	1,080,000	1,080,000	1,080,000	1,080,000	1,080,000	\$ 5,400,000
Land/ROW							
Furniture, Fixtures, Equipment							
Contingency							
GRAND TOTAL	\$ 0	\$ 1,200,000	\$ 6,000,000				

SOURCE OF FUNDS	Project Budget To Date	FISCAL YEAR PLAN					Project Total
		BUDGET	PLANNED				
		2024	2025	2026	2027	2028	
Revenue Bonds	0	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	\$ 6,000,000
GRAND TOTAL	\$ 0	\$ 1,200,000	\$ 6,000,000				



PROJECT SCHEDULE	START	END
Analysis/Study/Assessment		
Preliminary Engineering Design		
Design	Oct-23	Sep-28
Construction	Oct-24	Sep-28
Land/ROW		
Furniture, Fixtures, Equipment		

OTHER:

City Goal:	Responsible City Government
Reference:	Ground Storage Tank Rehabilitation Program
Project Manager:	Engineering Department
Estimator:	Public Works Department

**CITY OF SUGAR LAND
2024 - 2028 CAPITAL IMPROVEMENT PROGRAM
Water**

PROJECT NO. CWA2403	PROJECT TITLE SCADA Improvements
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DESCRIPTION
Annual program to maintain the Supervisory Control and Data Acquisition (SCADA) system for the city's utilities. Allows for the continuation of necessary repairs to failed parts of the system.

JUSTIFICATION
The City currently operates one surface water treatment plant, 12 groundwater plants, four wastewater treatment plants, and 134 wastewater lift stations. These facilities are monitored and operated by state licensed operators and technicians. Real-time monitoring and control of the facilities is provided by a remote SCADA system. This project is critical to the success of the city's facilities running efficiently and providing the quality services for the residents.

IMPACT ON OPERATING BUDGET					
Expenditures	2024	2025	2026	2027	2028
Personnel	0	0	0	0	0
Operating	0	0	0	0	0
Capital	0	0	0	0	0
GRAND TOTAL	\$ 0				

PROJECT COSTS	Project Budget To Date	FISCAL YEAR PLAN					Project Total
		BUDGET	PLANNED				
		2024	2025	2026	2027	2028	
Analysis/Study/Assessment							
Preliminary Engineering Design							
Design	0	175,000	175,000	175,000	175,000	175,000	\$ 875,000
Construction	0	205,000	205,000	205,000	205,000	205,000	\$ 1,025,000
Land/ROW							
Furniture, Fixtures, Equipment							
Contingency							
GRAND TOTAL	\$ 0	\$ 380,000	\$ 1,900,000				

SOURCE OF FUNDS	Project Budget To Date	FISCAL YEAR PLAN					Project Total
		BUDGET	PLANNED				
		2024	2025	2026	2027	2028	
Revenue Bonds	0	380,000	380,000	380,000	380,000	380,000	\$ 1,900,000
GRAND TOTAL	\$ 0	\$ 380,000	\$ 1,900,000				



PROJECT SCHEDULE	START	END
Analysis/Study/Assessment		
Preliminary Engineering Design		
Design	Oct-22	Sep-27
Construction	Jan-23	Sep-28
Land/ROW		
Furniture, Fixtures, Equipment		

OTHER:

City Goal:	Responsible City Government
Reference:	IWRP
Project Manager:	Public Works Department
Estimator:	Public Works Department

**CITY OF SUGAR LAND
2024 - 2028 CAPITAL IMPROVEMENT PROGRAM
Water**

PROJECT NO. CWA2404	PROJECT TITLE Ground Water Plant Rehabilitation
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DESCRIPTION
Annual investment in the ground water plants. Work includes: improvements to booster pumps, on site facilities, hydro-pneumatic tanks, yard piping, site grading and drainage. Improvements were identified through the conditions assessment completed prior to annexation.

JUSTIFICATION
Scheduled maintenance for water storage tanks is following the Department's Tank Rehabilitation Plan. The interior and exterior coatings are failing and replacement is recommended to extend the life of the tanks. Regularly scheduled maintenance is essential to ensure an adequate water supply during periods of peak usage.

IMPACT ON OPERATING BUDGET					
Expenditures	2024	2025	2026	2027	2028
Personnel	0	0	0	0	0
Operating	0	0	0	0	0
Capital	0	0	0	0	0
GRAND TOTAL	\$ 0				

PROJECT COSTS	Project Budget To Date	FISCAL YEAR PLAN					Project Total
		BUDGET	PLANNED				
		2024	2025	2026	2027	2028	
Analysis/Study/Assessment							
Preliminary Engineering Design							
Design	0	200,000	200,000	200,000	200,000	200,000	\$ 1,000,000
Construction	0	1,960,000	1,960,000	1,960,000	1,960,000	1,960,000	\$ 9,800,000
Land/ROW							
Furniture, Fixtures, Equipment							
Contingency							
GRAND TOTAL	\$ 0	\$ 2,160,000	\$ 10,800,000				

SOURCE OF FUNDS	Project Budget To Date	FISCAL YEAR PLAN					Project Total
		BUDGET	PLANNED				
		2024	2025	2026	2027	2028	
Revenue Bonds	0	2,160,000	2,160,000	2,160,000	2,160,000	2,160,000	\$ 10,800,000
GRAND TOTAL	\$ 0	\$ 2,160,000	\$ 10,800,000				



PROJECT SCHEDULE	START	END
Analysis/Study/Assessment		
Preliminary Engineering Design		
Design	Oct-23	Sep-28
Construction	Oct-24	Sep-28
Land/ROW		
Furniture, Fixtures, Equipment		

OTHER:

	GROUND WATER PLANT REHABILITATION (CITY-WIDE)
City Goal:	Responsible City Government
Reference:	Groundwater Plant Rehabilitation Program
Project Manager:	Engineering Department
Estimator:	Public Works Department

**CITY OF SUGAR LAND
2024 - 2028 CAPITAL IMPROVEMENT PROGRAM
Water**

PROJECT NO. CWA2405	PROJECT TITLE Well Rehabilitation
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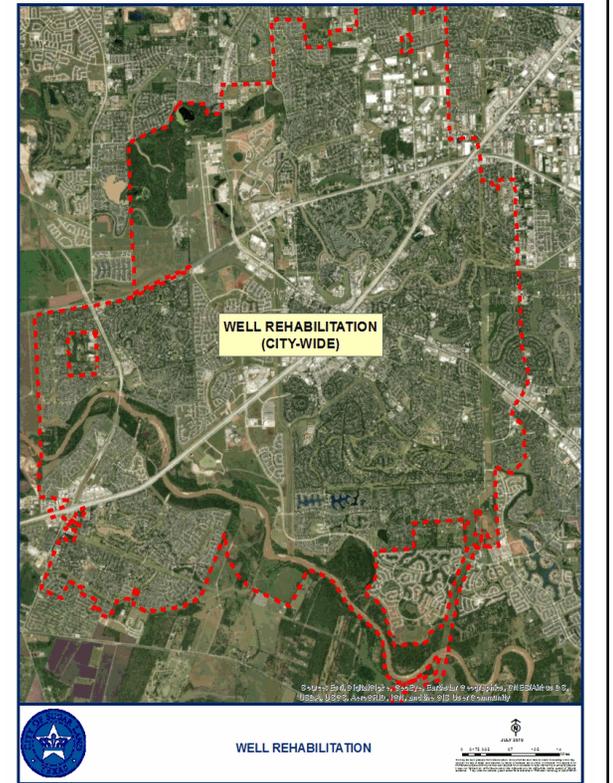
DESCRIPTION Design and construction of scheduled maintenance of water wells for one of the 23 City water wells. Maintenance of water wells includes pulling of pumps from wells and cleaning well screens. Repairs required for the wells and pumps are determined when the wells are pulled.

JUSTIFICATION Preventative maintenance in accordance with the Well Rehabilitation Plan. Regularly scheduled maintenance is essential to ensure an adequate water supply during periods of peak usage.

IMPACT ON OPERATING BUDGET					
Expenditures	2024	2025	2026	2027	2028
Personnel	0	0	0	0	0
Operating	0	0	0	0	0
Capital	0	0	0	0	0
GRAND TOTAL	\$ 0				

PROJECT COSTS	Project Budget To Date	FISCAL YEAR PLAN					Project Total
		BUDGET	PLANNED				
		2024	2025	2026	2027	2028	
Analysis/Study/Assessment							
Preliminary Engineering Design							
Design	0	200,000	200,000	200,000	200,000	200,000	\$ 1,000,000
Construction	0	1,670,000	1,670,000	1,670,000	1,670,000	1,670,000	\$ 8,350,000
Land/ROW							
Furniture, Fixtures, Equipment							
Contingency							
GRAND TOTAL	\$ 0	\$ 1,870,000	\$ 9,350,000				

SOURCE OF FUNDS	Project Budget To Date	FISCAL YEAR PLAN					Project Total
		BUDGET	PLANNED				
		2024	2025	2026	2027	2028	
System Revenues	0	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	\$ 5,000,000
Revenue Bonds	0	870,000	870,000	870,000	870,000	870,000	\$ 4,350,000
GRAND TOTAL	\$ 0	\$ 1,870,000	\$ 9,350,000				



PROJECT SCHEDULE	START	END
Analysis/Study/Assessment		
Preliminary Engineering Design		
Design		
Construction		
Land/ROW		
Furniture, Fixtures, Equipment		

OTHER:

City Goal:	Responsible City Government
Reference:	Well Rehabilitation Program
Project Manager:	Engineering Department
Estimator:	Public Works Department

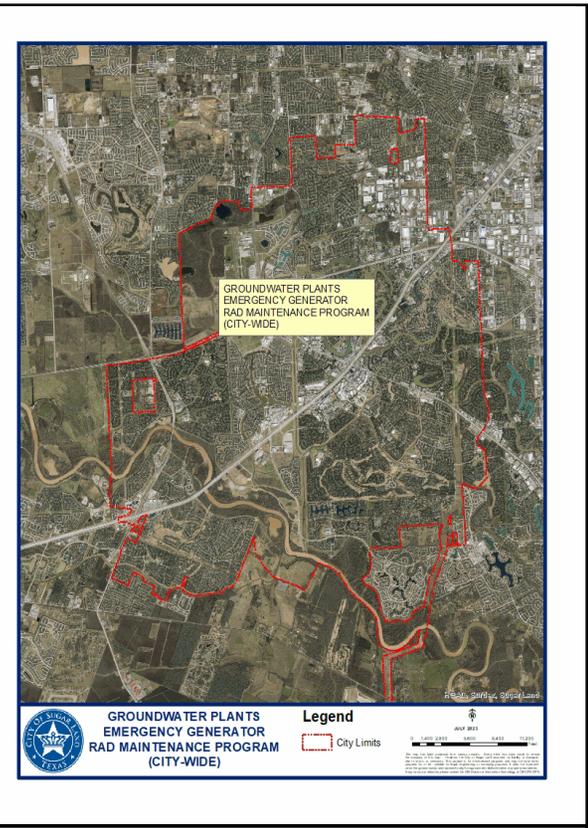
**CITY OF SUGAR LAND
2024 - 2028 CAPITAL IMPROVEMENT PROGRAM
Water**

PROJECT NO. CWA2406	PROJECT TITLE GWP Emergency Generator - RAD Maintenance Program
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<p>DESCRIPTION Design and construct rehabilitation and maintenance of the right angle drives (RAD) which were recommended in the CIP CWA2204, Emergency Generator Assessment.</p> <p>JUSTIFICATION The City operates 12 groundwater plants and 1 surface water treatment plant. Through CIP CWA2204, the City contracted with Kalluri Group, Inc. to complete a condition assessment of the emergency generators and right angle drives (RAD). That assessment of the 11 RADs at the groundwater plants concluded that several of the RAD are in moderate to poor condition and need attention. The Report recommended rehab on all generator and RAD units in Year 1 and 2, to</p>	<p>IMPACT ON OPERATING BUDGET</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Expenditures</th> <th>2024</th> <th>2025</th> <th>2026</th> <th>2027</th> <th>2028</th> </tr> </thead> <tbody> <tr> <td>Personnel</td> <td style="text-align: right;">0</td> </tr> <tr> <td>Operating</td> <td style="text-align: right;">0</td> </tr> <tr> <td>Capital</td> <td style="text-align: right;">0</td> </tr> <tr style="background-color: #e0e0e0;"> <td>GRAND TOTAL</td> <td style="text-align: right;">\$ 0</td> </tr> </tbody> </table>	Expenditures	2024	2025	2026	2027	2028	Personnel	0	0	0	0	0	Operating	0	0	0	0	0	Capital	0	0	0	0	0	GRAND TOTAL	\$ 0				
Expenditures	2024	2025	2026	2027	2028																										
Personnel	0	0	0	0	0																										
Operating	0	0	0	0	0																										
Capital	0	0	0	0	0																										
GRAND TOTAL	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0																										

PROJECT COSTS	Project Budget To Date	FISCAL YEAR PLAN					Project Total
		BUDGET	PLANNED				
		2024	2025	2026	2027	2028	
Analysis/Study/Assessment							
Preliminary Engineering Design							
Design	0	200,000	0	0	0	0	\$ 200,000
Construction	0	0	500,000	0	0	0	\$ 500,000
Land/ROW							
Furniture, Fixtures, Equipment							
Contingency							
GRAND TOTAL	\$ 0	\$ 200,000	\$ 500,000	\$ 0	\$ 0	\$ 0	\$ 700,000

SOURCE OF FUNDS	Project Budget To Date	FISCAL YEAR PLAN					Project Total
		BUDGET	PLANNED				
		2024	2025	2026	2027	2028	
Revenue Bonds	0	200,000	500,000	0	0	0	\$ 700,000
GRAND TOTAL	\$ 0	\$ 200,000	\$ 500,000	\$ 0	\$ 0	\$ 0	\$ 700,000



PROJECT SCHEDULE	START	END
Analysis/Study/Assessment		
Preliminary Engineering Design		
Design	Oct-23	Sep-24
Construction	Oct-24	Sep-25
Land/ROW		
Furniture, Fixtures, Equipment		

OTHER:

City Goal:	Responsible City Government
Reference:	CWA2204 Emergency Generator Assessment
Project Manager:	Engineering Department
Estimator:	Engineering Department

**CITY OF SUGAR LAND
2024 - 2028 CAPITAL IMPROVEMENT PROGRAM
Water**

PROJECT NO. CWA2407	PROJECT TITLE Capital Recovery Fee Study
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DESCRIPTION Evaluate the capital improvement projects from CWA2307, CWA2306, CWW2308, CWW2306 and select eligible projects for inclusion in the CRF capital improvement plan (CIP) and develop Capital Recovery Fee amount for water and wastewater projects.
JUSTIFICATION The Wastewater Master Plan benchmarked other cities policies and funding mechanisms to support growth. The recommendations included development of a capital recovery fee as the mechanism for the City to recover associated costs with constructing new facilities or the expansion of the current system for future development.

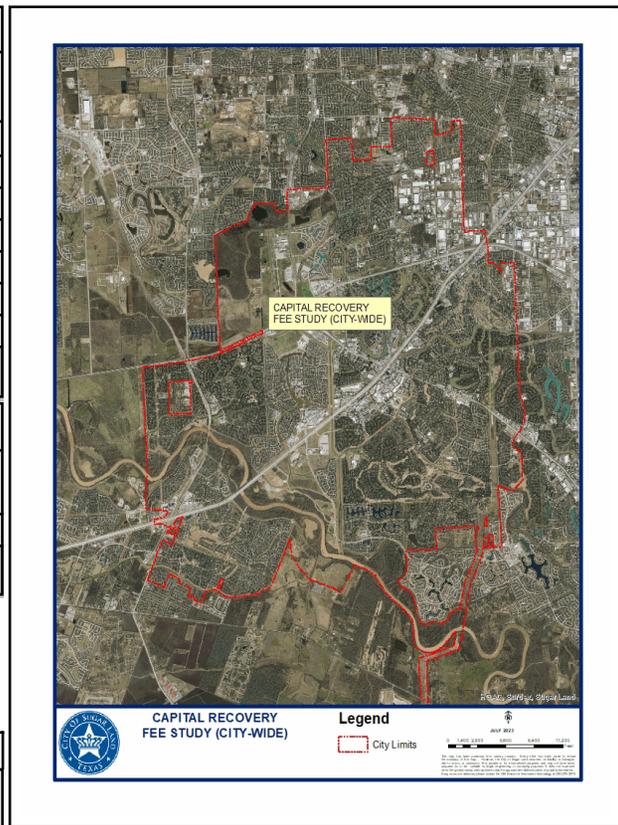
IMPACT ON OPERATING BUDGET					
Expenditures	2024	2025	2026	2027	2028
Personnel	0	0	0	0	0
Operating	0	0	0	0	0
Capital	0	0	0	0	0
GRAND TOTAL	\$ 0				

PROJECT COSTS	Project Budget To Date	FISCAL YEAR PLAN					Project Total
		BUDGET	PLANNED				
		2024	2025	2026	2027	2028	
Analysis/Study/Assessment	0	60,000	0	0	0	0	\$ 60,000
Preliminary Engineering Design							
Design							
Construction							
Land/ROW							
Furniture, Fixtures, Equipment							
Contingency							
GRAND TOTAL	\$ 0	\$ 60,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 60,000

SOURCE OF FUNDS	Project Budget To Date	FISCAL YEAR PLAN					Project Total
		BUDGET	PLANNED				
		2024	2025	2026	2027	2028	
Revenue Bonds	0	60,000	0	0	0	0	\$ 60,000
GRAND TOTAL	\$ 0	\$ 60,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 60,000

PROJECT SCHEDULE	START	END
Analysis/Study/Assessment	Oct-23	Sep-24
Preliminary Engineering Design		
Design		
Construction		
Land/ROW		
Furniture, Fixtures, Equipment		

OTHER:



City Goal:	Responsible City Government
Reference:	Wastewater Master Plan
Project Manager:	Public Works Department
Estimator:	Public Works Department

**CITY OF SUGAR LAND
2024 - 2028 CAPITAL IMPROVEMENT PROGRAM
Water**

PROJECT NO. CWA2408	PROJECT TITLE Elevated Storage Tank Rehabilitation
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DESCRIPTION Design and construction of improvements to the elevated storage tanks.	IMPACT ON OPERATING BUDGET					
	Expenditures	2024	2025	2026	2027	2028
	Personnel	0	0	0	0	0
	Operating	0	0	0	0	0
	Capital	0	0	0	0	0
GRAND TOTAL	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	
JUSTIFICATION Timely and proper maintenance of EST's is essential to prolong their useful life. In general, EST's are rehabilitated every 15-years. This assessment will help determine the condition of EST's and accordingly program them for rehabilitation with the City's Capital Improvement Program.						

PROJECT COSTS	Project Budget To Date	FISCAL YEAR PLAN					Project Total
		BUDGET	PLANNED				
		2024	2025	2026	2027	2028	
Analysis/Study/Assessment							
Preliminary Engineering Design							
Design							
Construction	0	200,000	0	0	0	0	\$ 200,000
Land/ROW							
Furniture, Fixtures, Equipment							
Contingency							
GRAND TOTAL	\$ 0	\$ 200,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 200,000

SOURCE OF FUNDS	Project Budget To Date	FISCAL YEAR PLAN					Project Total
		BUDGET	PLANNED				
		2024	2025	2026	2027	2028	
Revenue Bonds	0	200,000	0	0	0	0	\$ 200,000
GRAND TOTAL	\$ 0	\$ 200,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 200,000

PROJECT SCHEDULE	START	END
Analysis/Study/Assessment		
Preliminary Engineering Design		
Design		
Construction	Oct-23	Sep-24
Land/ROW		
Furniture, Fixtures, Equipment		

OTHER:



City Goal:	Responsible City Government
Reference:	Public Works Assessment
Project Manager:	Public Works Department
Estimator:	Public Works Department

**CITY OF SUGAR LAND
2024 - 2028 CAPITAL IMPROVEMENT PROGRAM
Water**

PROJECT NO. CWA2409	PROJECT TITLE Groundwater Plant Generator Replacement
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DESCRIPTION This project will include replacement of existing generators at the groundwater plants which was recommended in the CIP CWA2204, Emergency Generator Assessment.
JUSTIFICATION Through CIP CWA2204, the City contracted with Kalluri Group, Inc. to complete a condition assessment of the emergency generators and right angle drives (RAD). That assessment of the emergency generators at the groundwater plants concluded that several of the are in moderate to poor condition and need attention.

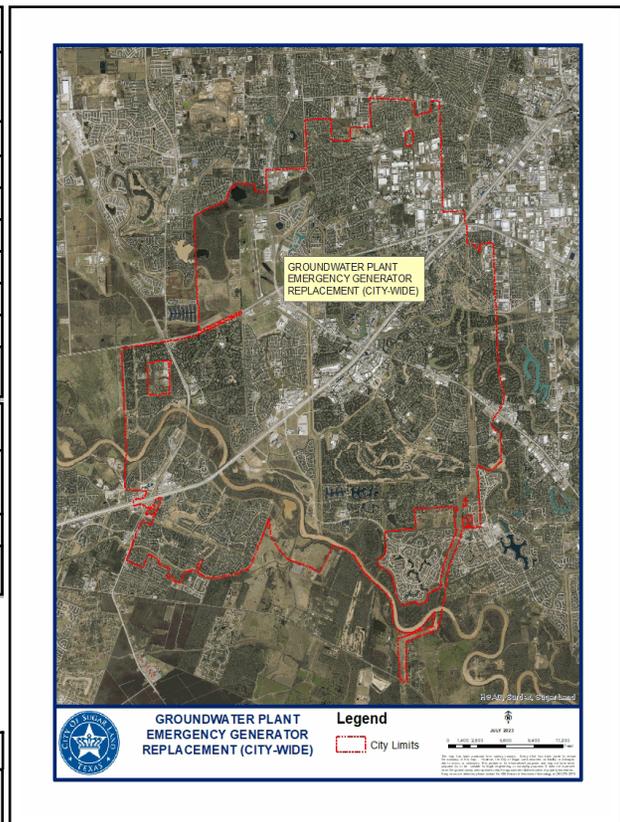
IMPACT ON OPERATING BUDGET					
Expenditures	2024	2025	2026	2027	2028
Personnel	0	0	0	0	0
Operating	0	0	0	0	0
Capital	0	0	0	0	0
GRAND TOTAL	\$ 0				

PROJECT COSTS	Project Budget To Date	FISCAL YEAR PLAN					Project Total
		BUDGET	PLANNED				
		2024	2025	2026	2027	2028	
Analysis/Study/Assessment							
Preliminary Engineering Design							
Design							
Construction	0	600,000	0	650,000	650,000	650,000	\$ 2,550,000
Land/ROW							
Furniture, Fixtures, Equipment							
Contingency							
GRAND TOTAL	\$ 0	\$ 600,000	\$ 0	\$ 650,000	\$ 650,000	\$ 650,000	\$ 2,550,000

SOURCE OF FUNDS	Project Budget To Date	FISCAL YEAR PLAN					Project Total
		BUDGET	PLANNED				
		2024	2025	2026	2027	2028	
Revenue Bonds	0	600,000	0	650,000	650,000	650,000	\$ 2,550,000
GRAND TOTAL	\$ 0	\$ 600,000	\$ 0	\$ 650,000	\$ 650,000	\$ 650,000	\$ 2,550,000

PROJECT SCHEDULE	START	END
Analysis/Study/Assessment		
Preliminary Engineering Design		
Design		
Construction	Oct-23	Sep-24
Land/ROW		
Furniture, Fixtures, Equipment		

OTHER:



City Goal:	Responsible City Government
Reference:	CIP CWA2204, Emergency Generator Assess
Project Manager:	Public Works Department
Estimator:	Public Works Department

**CITY OF SUGAR LAND
2024 - 2028 CAPITAL IMPROVEMENT PROGRAM
Water**

PROJECT NO. CWA2501	PROJECT TITLE Groundwater Building Improvements
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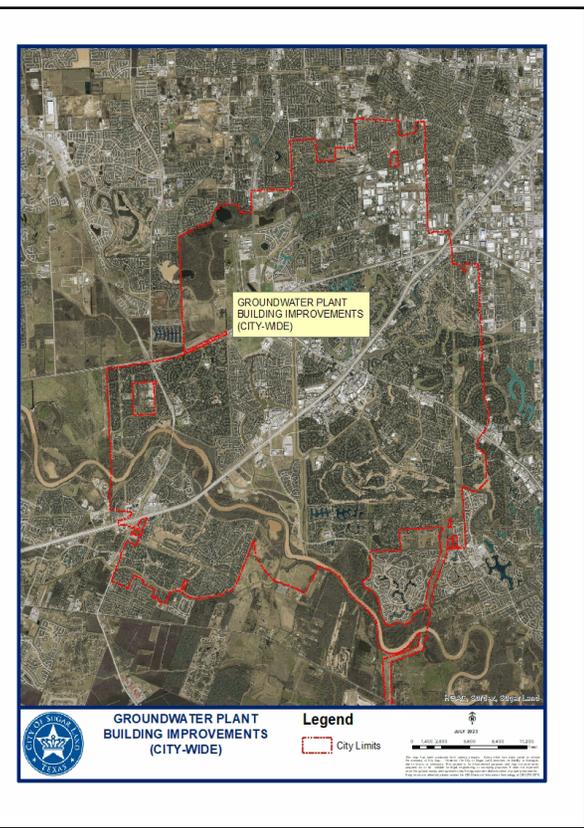
DESCRIPTION Design and construction of improvements to the buildings at groundwater plants.	IMPACT ON OPERATING BUDGET					
	Expenditures	2024	2025	2026	2027	2028
	Personnel	0	0	0	0	0
	Operating	0	0	0	0	0
	Capital	0	0	0	0	0
GRAND TOTAL	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	
JUSTIFICATION The City operates 12 groundwater plants. These plants are scheduled for rehabilitation through multiple CIP projects. The rehab projects generally do not make improvements to the buildings for things like roof repairs, improvements to the work spaces, and restroom facilities. This project will address immediate needs for the buildings. These buildings house chemicals, pumps, work spaces and lab space. The buildings are also used during emergency weather events to house staff which						

PROJECT COSTS	Project Budget To Date	FISCAL YEAR PLAN					Project Total
		BUDGET	PLANNED				
		2024	2025	2026	2027	2028	
Analysis/Study/Assessment							
Preliminary Engineering Design							
Design	0	0	100,000	0	0	0	\$ 100,000
Construction	0	0	100,000	0	200,000	0	\$ 300,000
Land/ROW							
Furniture, Fixtures, Equipment							
Contingency							
GRAND TOTAL	\$ 0	\$ 0	\$ 200,000	\$ 0	\$ 200,000	\$ 0	\$ 400,000

SOURCE OF FUNDS	Project Budget To Date	FISCAL YEAR PLAN					Project Total
		BUDGET	PLANNED				
		2024	2025	2026	2027	2028	
Revenue Bonds	0	0	200,000	0	200,000	0	\$ 400,000
GRAND TOTAL	\$ 0	\$ 0	\$ 200,000	\$ 0	\$ 200,000	\$ 0	\$ 400,000

PROJECT SCHEDULE	START	END
Analysis/Study/Assessment		
Preliminary Engineering Design		
Design	Oct-23	Jun-24
Construction	Jul-24	Dec-24
Land/ROW		
Furniture, Fixtures, Equipment		

OTHER:



City Goal:	Responsible City Government
Reference:	Public Works Assessment
Project Manager:	Engineering Department
Estimator:	Public Works Department

**CITY OF SUGAR LAND
2024 - 2028 CAPITAL IMPROVEMENT PROGRAM
Water**

PROJECT NO. CWA2502	PROJECT TITLE Water System Improvements- Greatwood
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DESCRIPTION Design and construct improvements to the Greatwood water system as identified in the CWA2307 Greatwood and Riverpark Water System Capacity Improvement Evaluation.
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JUSTIFICATION As part of the 2021 Water Master Plan amendment, the City analyzed the Riverpark and Greatwood water system supply, storage and pumping capacities. This project will construct recommendations to address pressure and capacity demands in the Greatwood water system as identified in CWA2307 Greatwood and Riverpark Water System Capacity Improvement Evaluation.

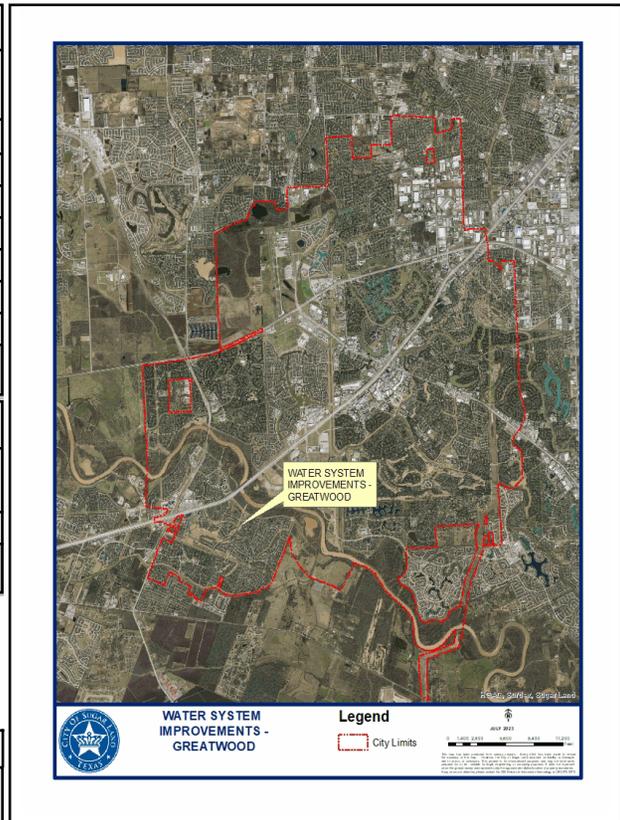
IMPACT ON OPERATING BUDGET					
Expenditures	2024	2025	2026	2027	2028
Personnel	0	0	0	0	0
Operating	0	0	0	0	0
Capital	0	0	0	0	0
GRAND TOTAL	\$ 0				

PROJECT COSTS	Project Budget To Date	FISCAL YEAR PLAN					Project Total
		BUDGET	PLANNED				
		2024	2025	2026	2027	2028	
Analysis/Study/Assessment							
Preliminary Engineering Design							
Design	0	0	500,000	0	0	0	\$ 500,000
Construction	0	0	0	4,500,000	0	0	\$ 4,500,000
Land/ROW							
Furniture, Fixtures, Equipment							
Contingency							
GRAND TOTAL	\$ 0	\$ 0	\$ 500,000	\$ 4,500,000	\$ 0	\$ 0	\$ 5,000,000

SOURCE OF FUNDS	Project Budget To Date	FISCAL YEAR PLAN					Project Total
		BUDGET	PLANNED				
		2024	2025	2026	2027	2028	
Revenue Bonds	0	0	500,000	4,500,000	0	0	\$ 5,000,000
GRAND TOTAL	\$ 0	\$ 0	\$ 500,000	\$ 4,500,000	\$ 0	\$ 0	\$ 5,000,000

PROJECT SCHEDULE	START	END
Analysis/Study/Assessment		
Preliminary Engineering Design		
Design	Oct-24	Sep-25
Construction	Oct-25	Sep-26
Land/ROW		
Furniture, Fixtures, Equipment		

OTHER:



City Goal:	Building Community
Reference:	CIP CWA2307 PER
Project Manager:	Engineering Department
Estimator:	Engineering Department

**CITY OF SUGAR LAND
2024 - 2028 CAPITAL IMPROVEMENT PROGRAM
Water**

PROJECT NO. CWA2601	PROJECT TITLE Groundwater Plant RAD Replacement
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DESCRIPTION Replacement of existing right angle drives at the groundwater plants.	IMPACT ON OPERATING BUDGET					
	Expenditures	2024	2025	2026	2027	2028
	Personnel	0	0	0	0	0
	Operating	0	0	0	0	0
	Capital	0	0	0	0	0
JUSTIFICATION Kalluri Group, Inc. completed a condition assessment of the emergency generators and right angle drives (RAD) under CIP CWA2204, Emergency Generator Assessment. That assessment of the emergency RADs at the groundwater plants concluded that several of the are in moderate to poor condition and need attention.	GRAND TOTAL	\$ 0				

PROJECT COSTS	Project Budget To Date	FISCAL YEAR PLAN					Project Total
		BUDGET	PLANNED				
		2024	2025	2026	2027	2028	
Analysis/Study/Assessment							
Preliminary Engineering Design							
Design							
Construction	0	0	0	700,000	650,000	650,000	\$ 2,000,000
Land/ROW							
Furniture, Fixtures, Equipment							
Contingency							
GRAND TOTAL	\$ 0	\$ 0	\$ 0	\$ 700,000	\$ 650,000	\$ 650,000	\$ 2,000,000

SOURCE OF FUNDS	Project Budget To Date	FISCAL YEAR PLAN					Project Total
		BUDGET	PLANNED				
		2024	2025	2026	2027	2028	
Revenue Bonds	0	0	0	700,000	650,000	650,000	\$ 2,000,000
GRAND TOTAL	\$ 0	\$ 0	\$ 0	\$ 700,000	\$ 650,000	\$ 650,000	\$ 2,000,000



PROJECT SCHEDULE	START	END
Analysis/Study/Assessment		
Preliminary Engineering Design		
Design		
Construction	Oct-25	Sep-28
Land/ROW		
Furniture, Fixtures, Equipment		

OTHER:

City Goal:	Responsible City Government
Reference:	CIP CWA2204, Emergency Generator Assess
Project Manager:	Public Works Department
Estimator:	Public Works Department