

The City of Alvin, Texas  
2021-2025 Capital Improvement Program



**CITY OF ALVIN**  
**2021 – 2025**  
**CAPITAL IMPROVEMENT PROGRAM (CIP)**  
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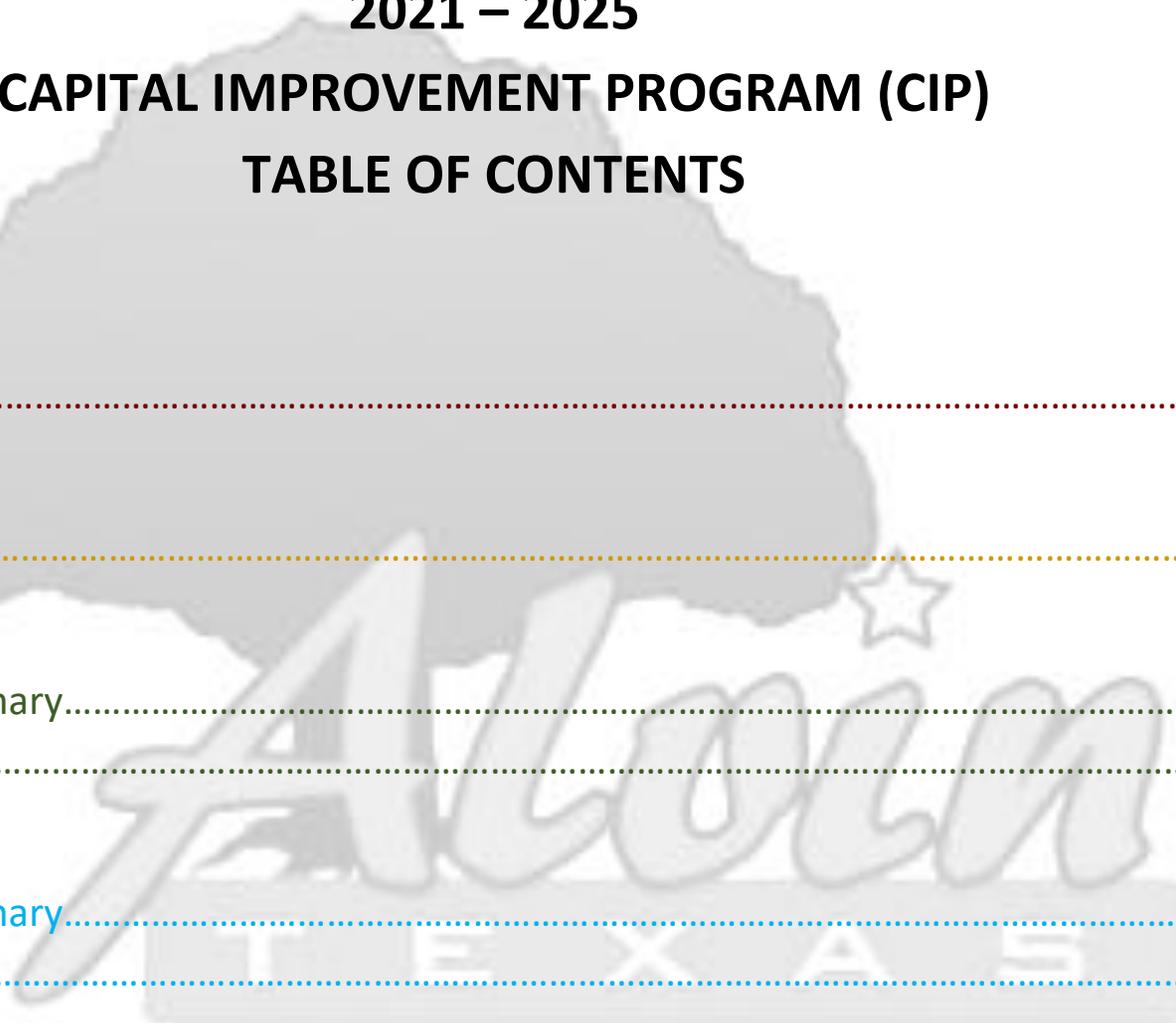
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**CITY OF ALVIN**  
**2021 – 2025**  
**CAPITAL IMPROVEMENT PROGRAM (CIP)**  
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## The 2021-2025 CAPITAL IMPROVEMENT PROGRAM

### INTRODUCTION

The purpose of the City of Alvin's Capital Improvement Program (CIP) is to provide clear direction and planning for sustainable infrastructure to our community both today and into the future. Through a comprehensive and fiscally responsible approach executed by a well governed municipal government, this five-year CIP addresses the needs of the City, from water and sewer line work to street paving, new roadways, drainage, park improvements and facility maintenance and development.

What is considered a Capital Improvement? A capital improvement is a major expenditure that does not occur regularly. Examples of capital improvements may include, but are not limited to, development on new community facilities, sewer line maintenance, street improvements, engineering studies, and land acquisitions. These types of projects tend to have a high cost and/or are associated or have a long lifespan. With each project, the goal is to plan, purchase, construct, or extend the life of an asset that will be used to enhance the lives of the residents of Alvin. The cost of a capital improvement generally includes project study and design, legal fees, land acquisition, operating equipment, construction, etc. The City of Alvin does not consider the procurement of equipment such as a fire truck, squad car, lawn mower, etc. a capital improvement.

A long-term CIP has many benefits over a capital improvement plan that is determined on a year-by-year basis. A long-term program can focus attention on community and City strategic priorities and needs, allowing projects to be prioritized based on need and availability of funds. It can also be an effective tool for achieving the goals set forth in the City's Adopted 2035 Comprehensive Plan, as well as the City's various master plans and studies. By planning ahead, the City can anticipate the need for bond referendums, bond issues, or other revenue producing measures in advance and take action to fund projects as identified without significantly increasing the taxpayer's burden due to improper planning.

### DEVELOPMENT PROCESS

The Capital Improvement Program is a living document that is continually under development and evaluation. With each passing year, it is revised to reflect changes in ongoing projects, accommodate new projects, and extend the program an additional year to continually cover a five-year period.

**The first year of the five-year plan is intended to be incorporated into the annual budget. Projects identified for following years are approved for planning purposes only and funds will not be appropriated until the year(s) in which they will be completed. Cost estimates for future projects are also for planning purposes only and are used to aid in the City's long-range financial planning.**

Projects included in the CIP are either City managed projects or include just the City's share of joint projects with other agencies. If an outside agency contributes funding directly to a City project, those funds will be included in the project budget. The Capital Improvement Program includes all capital projects, which are to be financed in whole or in part from funds subject to control or appropriation by the City. Therefore, the CIP includes bond appropriations (general obligation, certificates of obligation, and revenue bonds), and general revenue including cash, sales tax, impact fees, developer contributions, and any federal, state, or private foundation grant funds received by the City for capital improvement projects.

While developing the Capital Improvement Plan, the City considers input from citizens, City staff, current master plans, the Planning Commission, and the City Council. A project list is compiled, prioritized by year, and cost estimates assigned. The Finance Department then looks at the projects' overall effect on the City's finances including the need to issue debt, potential impacts on the tax rate, and operations and maintenance impacts. The City Council reviews the draft, and desired changes are incorporated, if needed, into the document. The Planning Commission then reviews the document and provides input. A final draft of the Five-Year CIP is then prepared for formal Council consideration and approval. Upon Council adoption and the subsequent adoption of budget appropriations, the CIP document is

reproduced, distributed and placed on the City of Alvin website for implementation and transparency of the program.

The Five-Year Capital Improvement Program for 2021 to 2025 totals \$118.0 million. Funding for CIP projects are derived from the General Fund, Certificates of Obligation, General Obligation, Revenue Bonds, Hotel Occupancy Tax Revenues, Impact Fees, Sales Tax Revenues, Partnerships and/or Grants. Uses of the funding include Drainage, Streets, Facilities, Parks, Water, and Wastewater projects.

Projects listed in the 2021-2025 CIP include potential projects from the completion of master plans including, but not limited to, the adopted Parks Master Plan, 2011 M1 Ditch Watershed Flood Protection Study, 2015 Utility Master Plan, and the 2018 Impact Fee Advisory Committee recommendations.

### **PROJECT HIGHLIGHTS**

#### **DRAINAGE**

Drainage projects include the construction of storm sewers, underground drainage, as well as culvert and ditch improvements. These projects will help reduce the risk of flooding in residential areas and provide increased storage capacity. Significant improvements include the multi-phase Moller Road and Durant Street Storm Sewer and Pavement Projects.

#### **PARKS**

Parks projects include improvements to parks such as shade, fencing, parking, bleachers, lighting, and signage based upon the input from the Parks and Recreation Board and Parks Master Plan. Projects also include the design of Phase III of the Hike & Bike Trail, splash pad, basketball court, and various improvements to our City parks.

#### **FACILITIES**

Facility projects include maintenance and upgrade recommendations to City facilities from the Facility Condition Assessment completed by EMG Engineering Corporation. Additionally, the design and construction of a Fire/EMS station that will house the staff from Fire Station #1 and the EMS Station and is to be located at 302 W. House Street will be completed.

#### **STREETS and SIDEWALKS**

Street projects include the annual pavement rehabilitation program, which reuses the existing base and adds material to the road in an effort to repair the road. Additionally, concrete sidewalks will be added through our annual sidewalk program and will be in compliance with Americans with Disabilities Act (ADA). The design and construction of an extension of FM 528 to Hwy 6 is included in the CIP Program. The annual Concrete Pavement Program includes potential projects in an effort to repair and/or remove concrete pavement and the installation of associated storm pipes, inlets, and manholes. Wayfinding signs are additionally in the process of design and planned to be installed along major roads.

#### **WATER/WASTEWATER**

Water and Wastewater projects include lift station rehabilitations, lift station expansions, the 54" interceptor upgrade, replace water lines, and water tank replacements.

**CITY OF ALVIN  
2021 - 2025 CAPITAL IMPROVEMENT PROGRAM  
SUMMARY**

SOURCE OF FUNDS	PRIOR YEARS	PROJECTED 2020						TOTAL	2021 - 2025 Allocation
			2021	2022	2023	2024	2025		
General Project Fund Revenue	\$979,152	\$1,132,997	\$1,344,648	\$778,144	\$1,272,964	\$1,202,396	\$798,218	\$7,508,518	\$5,396,370
Certificates of Obligation (CO)	\$977,996	\$4,271,110	\$8,534,256	\$2,219,644				\$16,003,006	\$10,753,900
General Obligation Bonds (GO)									
New/Proposed CO Bonds			\$5,942,472	\$2,756,000		\$2,722,000		\$11,420,472	\$11,420,472
New/Propose GO Bonds									
W/S Revenue Bonds *	\$1,470,773	\$7,796,769	\$23,435,503	\$14,415,580	\$10,484,000	\$4,347,500	\$4,969,200	\$66,919,325	\$57,651,783
W/S Project Fund Revenue			\$397,800					\$397,800	\$397,800
Impact Fees (To be determined)									
Sales Taxes	\$2,472,122	\$2,214,163	\$1,750,000	\$3,120,000	\$3,750,000	\$3,350,000	\$1,750,000	\$18,406,285	\$13,720,000
Other Funding Sources **	\$232,867	\$105,500	\$15,745,394	\$768,920	\$574,800	\$703,580	\$905,800	\$19,036,861	\$18,698,494
<b>TOTAL SOURCES (REVENUES)</b>	<b>\$6,132,909</b>	<b>\$15,520,539</b>	<b>\$57,150,073</b>	<b>\$24,058,288</b>	<b>\$16,081,764</b>	<b>\$12,325,476</b>	<b>\$8,423,218</b>	<b>\$139,692,267</b>	<b>\$118,038,819</b>

USES BY TYPE	PRIOR YEARS	PROJECTED 2020						TOTAL	2021 - 2025 Allocation
			2021	2022	2023	2024	2025		
DRAINAGE	\$235,189	\$984,743	\$4,780,000	\$1,370,000	\$2,000,000	\$1,600,000		\$10,969,932	\$9,750,000
PARKS	\$494,723	\$579,335	\$2,855,320	\$3,679,320	\$959,560	\$3,681,780	\$1,080,800	\$13,330,837	\$12,256,780
FACILITIES	\$1,645,791	\$4,104,772	\$8,706,450	\$2,793,388	\$838,204	\$946,196	\$623,218	\$19,658,020	\$13,907,456
STREETS	\$2,286,433	\$2,054,920	\$16,975,000	\$1,800,000	\$1,800,000	\$1,750,000	\$1,750,000	\$28,416,353	\$24,075,000
WATER *		\$861,700	\$4,706,000	\$873,300	\$4,798,200	\$2,679,800	\$2,595,600	\$16,514,600	\$15,652,900
WASTEWATER *	\$1,470,773	\$6,935,069	\$19,127,303	\$13,542,280	\$5,685,800	\$1,667,700	\$2,373,600	\$50,802,525	\$42,396,683
<b>TOTAL USES (EXPENDITURES)</b>	<b>\$6,132,909</b>	<b>\$15,520,539</b>	<b>\$57,150,073</b>	<b>\$24,058,288</b>	<b>\$16,081,764</b>	<b>\$12,325,476</b>	<b>\$8,423,218</b>	<b>\$139,692,267</b>	<b>\$118,038,819</b>

USES BY COST	PRIOR YEARS	PROJECTED 2020						Total	2021 - 2025 Allocation
			2021	2022	2023	2024	2025		
Prelim. Engineering Report									
Land/Right of Way	\$380,682							\$380,682	
Design/Surveying	\$3,880,447	\$3,565,629	\$2,014,900	\$2,443,400	\$1,833,900	\$910,200	\$488,600	\$15,137,076	\$7,691,000
Construction	\$1,871,780	\$10,754,910	\$55,135,173	\$21,025,000	\$14,247,864	\$11,415,276	\$7,934,618	\$122,384,621	\$109,757,931
Equipment and Furniture		\$1,200,000						\$1,200,000	
Contingency				\$589,888				\$589,888	\$589,888
<b>TOTAL USES (EXPENDITURES)</b>	<b>\$6,132,909</b>	<b>\$15,520,539</b>	<b>\$57,150,073</b>	<b>\$24,058,288</b>	<b>\$16,081,764</b>	<b>\$12,325,476</b>	<b>\$8,423,218</b>	<b>\$139,692,267</b>	<b>\$118,038,819</b>

\* Consist of projects identified in the Utility Master Plan

\*\* Includes federal, state, and local grants; public-private partnerships, and other sources

**CITY OF ALVIN**  
**2021 - 2025 CAPITAL IMPROVEMENT PROGRAM**  
**Drainage**

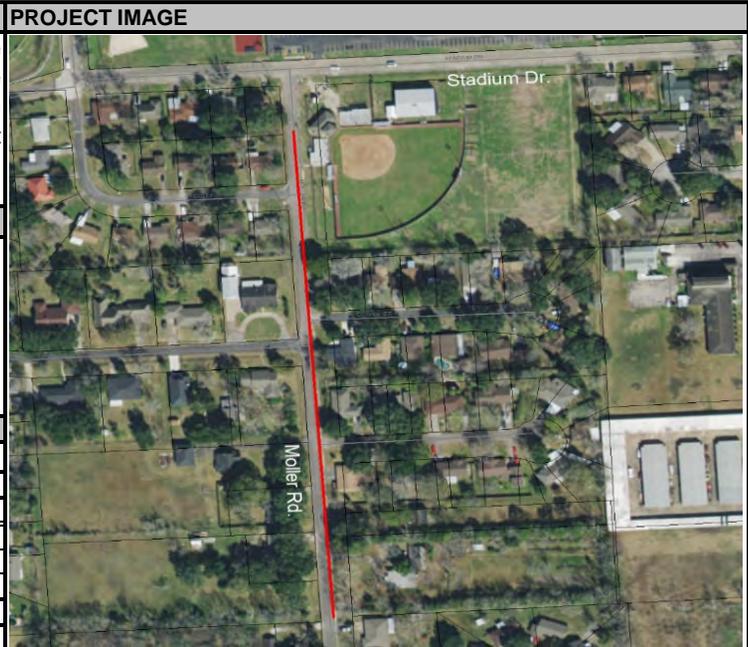
<b>Project No.</b>	<b>Project Name</b>	<b>PRIOR YEARS</b>	<b>PROJECTED 2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>Total</b>	<b>2021 - 2025 Allocation</b>
DR1801	Moller Road Storm Sewer and Pavement Ph. 1	\$235,189	\$734,743	\$1,080,000					\$2,049,932	\$1,080,000
DR1901	Moller Road Storm Sewer and Pavement Ph. 2		\$250,000	\$3,550,000					\$3,800,000	\$3,550,000
DR2001	Moller Road Storm Sewer and Pavement Ph. 3			\$150,000	\$1,120,000				\$1,270,000	\$1,270,000
DR2101	Durant Street Storm Sewer and Pavement Ph. 1				\$250,000	\$1,800,000			\$2,050,000	\$2,050,000
DR2201	Durant Street Storm Sewer and Pavement Ph. 2					\$200,000	\$1,600,000		\$1,800,000	\$1,800,000
	<b>TOTAL USES</b>	<b>\$235,189</b>	<b>\$984,743</b>	<b>\$4,780,000</b>	<b>\$1,370,000</b>	<b>\$2,000,000</b>	<b>\$1,600,000</b>	<b>\$0</b>	<b>\$10,969,932</b>	<b>\$9,750,000</b>

**CITY OF ALVIN**  
**2021 - 2025 CAPITAL IMPROVEMENT PROGRAM**  
**Drainage**

SOURCE OF FUNDS	PRIOR YEARS	PROJECTED 2020	2021	2022	2023	2024	2025	Total	2021 - 2025 Allocation
General Project Fund Revenue									
Certificates of Obligation (CO)		\$720,000	\$1,080,000					\$1,800,000	\$1,080,000
General Obligation Bonds (GO)									
New/Proposed CO Bonds			\$3,700,000					\$3,700,000	\$3,700,000
New/Proposed GO Bonds									
W/S Revenue Bonds									
W/S Project Fund Revenue									
Impact Fees									
Sales Taxes	\$235,189	\$264,743		\$1,370,000	\$2,000,000	\$1,600,000		\$5,469,932	\$4,970,000
Other Funding Sources									
<b>TOTAL SOURCES</b>	<b>\$235,189</b>	<b>\$984,743</b>	<b>\$4,780,000</b>	<b>\$1,370,000</b>	<b>\$2,000,000</b>	<b>\$1,600,000</b>	<b>\$0</b>	<b>\$10,969,932</b>	<b>\$9,750,000</b>

USES	PRIOR YEARS	PROJECTED 2020	2021	2022	2023	2024	2025	Total	2021 - 2025 Allocation
Prelim. Engineering Report									
Land/Right of Way									
Design/Surveying	\$235,189	\$264,743	\$150,000	\$250,000	\$200,000			\$1,099,932	\$600,000
Construction		\$720,000	\$4,630,000	\$1,120,000	\$1,800,000	\$1,600,000		\$9,870,000	\$9,150,000
Equipment and Furniture									
Contingency									
<b>TOTAL USES</b>	<b>\$235,189</b>	<b>\$984,743</b>	<b>\$4,780,000</b>	<b>\$1,370,000</b>	<b>\$2,000,000</b>	<b>\$1,600,000</b>	<b>\$0</b>	<b>\$10,969,932</b>	<b>\$9,750,000</b>

**PROJECT DESCRIPTION**  
 This project includes the design of the second of a three phase project to add a storm sewer system, concrete curb and gutter pavement and a sidewalk along Moller Road. This is the fourth of several drainage improvement projects that were recommended in the M-1 Ditch Watershed Study that was completed in January 2011 by Dannenbaum Engineering. **Project location:** Moller Road from just south of Carmie Street to just south of Stadium Drive.



**PROJECT JUSTIFICATION**  
 To improve drainage in the M-1 Ditch Watershed by adding a storm sewer system along Moller Road.

**INCREMENTAL OPERATING AND MAINTENANCE COSTS**

<b>Impact on operating budget</b> <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes (See Below)					
<b>Fiscal Year</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>
<b>Total Revenue</b>					
Personnel Services					
Operation & Maintenance					
Capital Outlay					
<b>Total Expense</b>					
<b>FTE Staff Total</b>					

PROJECT COSTS ALLOCATION	TOTAL BUDGET	FY PROJECTED ALLOCATIONS								PROJECT TOTAL
		TOTAL ESTIMATE	PRIOR YEARS	PROJECTED 2020	2021	2022	2023	2024	2025	
Prelim. Engineering Report										
Land/Right of Way										
Design/Surveying		\$250,000		\$250,000						\$250,000
Construction		\$3,550,000			\$3,550,000					\$3,550,000
Equipment and Furniture										
Contingency										
<b>TOTAL COSTS</b>	<b>\$0</b>	<b>\$3,800,000</b>	<b>\$0</b>	<b>\$250,000</b>	<b>\$3,550,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$3,800,000</b>

FUNDING SOURCES	TOTAL BUDGET	FY PROJECTED FUNDING SOURCES								PROJECT TOTAL
		TOTAL ESTIMATE	PRIOR YEARS	PROJECTED 2020	2021	2022	2023	2024	2025	
General Project Fund Revenue										
Certificates of Obligation (CO)										
General Obligation Bonds (GO)										
New/Proposed CO Bonds	\$3,550,000	\$3,550,000			\$3,550,000					\$3,550,000
New/Proposed GO Bonds										
W/S Revenue Bonds										
W/S Project Fund Revenue										
Impact Fees										
Sales Taxes	\$250,000	\$250,000		\$250,000						\$250,000
Other Funding Sources <sup>1</sup> -										
<b>TOTAL SOURCES</b>	<b>\$3,800,000</b>	<b>\$3,800,000</b>	<b>\$0</b>	<b>\$250,000</b>	<b>\$3,550,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$3,800,000</b>

**Explain & Identify Type of Other Sources:**

Project Manager: City Engineer

**PROJECT DESCRIPTION**  
 This project includes the design of the first of a three phase project to add a storm sewer system, concrete curb and gutter pavement and a sidewalk along Moller Road. This is the third of several drainage improvement projects that were recommended in the M-1 Ditch Watershed Study that was completed in January 2011 by Dannenbaum Engineering. **Project location:** Moller Road from South Street to just south of Carmie Street.

**PROJECT JUSTIFICATION**  
 To improve drainage in the M-1 Ditch Watershed by adding a storm sewer system along Moller Road.



**INCREMENTAL OPERATING AND MAINTENANCE COSTS**

**Impact on operating budget**     No     Yes (See Below)

Fiscal Year	2020	2021	2022	2023	2024
<b>Total Revenue</b>					
Personnel Services					
Operation & Maintenance					
Capital Outlay					
<b>Total Expense</b>					
<b>FTE Staff Total</b>					

PROJECT COSTS ALLOCATION	TOTAL BUDGET	FY PROJECTED ALLOCATIONS								PROJECT TOTAL
		TOTAL ESTIMATE	PRIOR YEARS	PROJECTED 2020	2021	2022	2023	2024	2025	
Prelim. Engineering Report										
Land/Right of Way										
Design/Surveying	\$249,932	\$249,932	\$235,189	\$14,743						\$249,932
Construction	\$1,800,000	\$1,800,000		\$720,000	\$1,080,000					\$1,800,000
Equipment and Furniture										
Contingency										
<b>TOTAL COSTS</b>	<b>\$2,049,932</b>	<b>\$2,049,932</b>	<b>\$235,189</b>	<b>\$734,743</b>	<b>\$1,080,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$2,049,932</b>

FUNDING SOURCES	TOTAL BUDGET	FY PROJECTED FUNDING SOURCES								PROJECT TOTAL
		TOTAL ESTIMATE	PRIOR YEARS	PROJECTED 2020	2021	2022	2023	2024	2025	
General Project Fund Revenue										
Certificates of Obligation (CO)	\$1,800,000	\$1,800,000		\$720,000	\$1,080,000					\$1,800,000
General Obligation Bonds (GO)										
New/Proposed CO Bonds										
New/Proposed GO Bonds										
W/S Revenue Bonds										
W/S Project Fund Revenue										
Impact Fees										
Sales Taxes	\$249,932	\$249,932	\$235,189	\$14,743						\$249,932
Other Funding Sources <sup>1</sup> -										
<b>TOTAL SOURCES</b>	<b>\$2,049,932</b>	<b>\$2,049,932</b>	<b>\$235,189</b>	<b>\$734,743</b>	<b>\$1,080,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$2,049,932</b>

**Explain & Identify Type of Other Sources:**

Project Manager: City Engineer

**PROJECT DESCRIPTION**  
 This project includes the design of the third of a three phase project to add a storm sewer system, concrete curb and gutter pavement and a sidewalk along Moller Road and Stadium Drive. This is the fifth of several drainage improvement projects that were recommended in the M-1 Ditch Watershed Study that was completed in January 2011 by Dannenbaum Engineering. **Project location:** Moller Road just south of Stadium Drive and 615 feet along Stadium Drive east of the Moller Road intersection.



**PROJECT JUSTIFICATION**  
 To improve drainage in the M-1 Ditch Watershed by adding a storm sewer system along Moller Road and Stadium Drive.

**INCREMENTAL OPERATING AND MAINTENANCE COSTS**

Impact on operating budget  No  Yes (See Below)

Fiscal Year	2020	2021	2022	2023	2024
<b>Total Revenue</b>					
Personnel Services					
Operation & Maintenance					
Capital Outlay					
<b>Total Expense</b>					
<b>FTE Staff Total</b>					

PROJECT COSTS ALLOCATION	TOTAL BUDGET	FY PROJECTED ALLOCATIONS								PROJECT TOTAL
		TOTAL ESTIMATE	PRIOR YEARS	PROJECTED 2020	2021	2022	2023	2024	2025	
Prelim. Engineering Report										
Land/Right of Way										
Design/Surveying	\$150,000	\$150,000		\$150,000						\$150,000
Construction		\$1,120,000				\$1,120,000				\$1,120,000
Equipment and Furniture										
Contingency										
<b>TOTAL COSTS</b>	<b>\$150,000</b>	<b>\$1,270,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$150,000</b>	<b>\$1,120,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,270,000</b>

FUNDING SOURCES	TOTAL BUDGET	FY PROJECTED FUNDING SOURCES								PROJECT TOTAL
		TOTAL ESTIMATE	PRIOR YEARS	PROJECTED 2020	2021	2022	2023	2024	2025	
General Project Fund Revenue										
Certificates of Obligation (CO)										
General Obligation Bonds (GO)										
New/Proposed CO Bonds	\$150,000	\$150,000		\$150,000						\$150,000
New/Proposed GO Bonds										
W/S Revenue Bonds										
W/S Project Fund Revenue										
Impact Fees										
Sales Taxes	\$1,120,000	\$1,120,000				\$1,120,000				\$1,120,000
Other Funding Sources <sup>1</sup> -										
<b>TOTAL SOURCES</b>	<b>\$1,270,000</b>	<b>\$1,270,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$150,000</b>	<b>\$1,120,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,270,000</b>

<sup>1</sup>Explain & Identify Type of Other Sources:

Project Manager: City Engineer

**PROJECT DESCRIPTION**  
 This project includes the design and construction of the first of a two phase project to add a storm sewer system, concrete curb and gutter pavement and a sidewalk along Durant Street. This is the sixth of several drainage improvement projects that were recommended in the M-1 Ditch Watershed Study that was completed in January 2011 by Dannenbaum Engineering. **Project location:** Durant Street from South Street to just north of Iwo Street.



**PROJECT JUSTIFICATION**  
 To improve drainage in the M-1 Ditch Watershed by adding a storm sewer system along Durant Street.

**INCREMENTAL OPERATING AND MAINTENANCE COSTS**

Impact on operating budget  No  Yes (See Below)

Fiscal Year	2020	2021	2022	2023	2024
Total Revenue					
Personnel Services					
Operation & Maintenance					
Capital Outlay					
Total Expense					

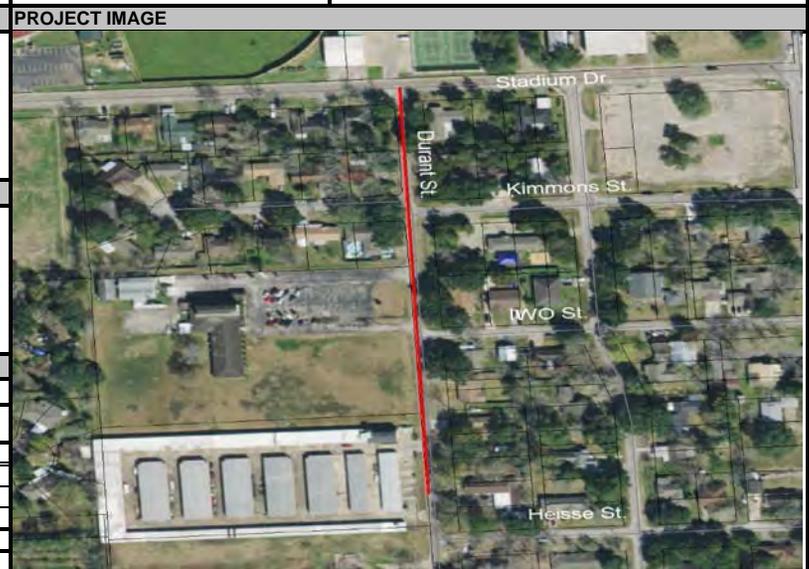
PROJECT COSTS ALLOCATION	TOTAL BUDGET	FY PROJECTED ALLOCATIONS								PROJECT TOTAL
		TOTAL ESTIMATE	PRIOR YEARS	PROJECTED 2020	2021	2022	2023	2024	2025	
Prelim. Engineering Report										
Land/Right of Way										
Design/Surveying		\$250,000				\$250,000				\$250,000
Construction		\$1,800,000					\$1,800,000			\$1,800,000
Equipment and Furniture										
Contingency										
<b>TOTAL COSTS</b>	<b>\$0</b>	<b>\$2,050,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$250,000</b>	<b>\$1,800,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$2,050,000</b>

FUNDING SOURCES	TOTAL BUDGET	FY PROJECTED FUNDING SOURCES								PROJECT TOTAL
		TOTAL ESTIMATE	PRIOR YEARS	PROJECTED 2020	2021	2022	2023	2024	2025	
General Project Fund Revenue										
Certificates of Obligation (CO)										
General Obligation Bonds (GO)										
New/Proposed CO Bonds										
New/Proposed GO Bonds										
W/S Revenue Bonds										
W/S Project Fund Revenue										
Impact Fees										
Sales Taxes	\$2,050,000	\$2,050,000				\$250,000	\$1,800,000			\$2,050,000
Other Funding Sources <sup>1</sup> -										
<b>TOTAL SOURCES</b>	<b>\$2,050,000</b>	<b>\$2,050,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$250,000</b>	<b>\$1,800,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$2,050,000</b>

<sup>1</sup>Explain & Identify Type of Other Sources:

Project Manager: City Engineer

**PROJECT DESCRIPTION**  
 This project includes the design and construction of the second phase of a two phase project to add a storm sewer system, concrete curb and gutter pavement and a sidewalk along Durant Street. This is the seventh of several drainage improvement projects that were recommended in the M-1 Ditch Watershed Study that was completed in January 2011 by Dannenbaum Engineering. **Project location:** Durant Street just north of Iwo Street to Stadium Drive.



**PROJECT JUSTIFICATION**  
 To improve drainage in the M-1 Ditch Watershed by adding a storm sewer system along Durant Street.

**INCREMENTAL OPERATING AND MAINTENANCE COSTS**

Impact on operating budget  No  Yes (See Below)

Fiscal Year	2020	2021	2022	2023	2024
<b>Total Revenue</b>					
Personnel Services					
Operation & Maintenance					
Capital Outlay					
<b>Total Expense</b>					
<b>FTE Staff Total</b>					

PROJECT COSTS ALLOCATION	TOTAL BUDGET	FY PROJECTED ALLOCATIONS								PROJECT TOTAL
		TOTAL ESTIMATE	PRIOR YEARS	PROJECTED 2020	2021	2022	2023	2024	2025	
Prelim. Engineering Report										
Land/Right of Way										
Design/Surveying		\$200,000					\$200,000			\$200,000
Construction		\$1,600,000						\$1,600,000		\$1,600,000
Equipment and Furniture										
Contingency										
<b>TOTAL COSTS</b>	<b>\$0</b>	<b>\$1,800,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$200,000</b>	<b>\$1,600,000</b>	<b>\$0</b>	<b>\$1,800,000</b>

FUNDING SOURCES	TOTAL BUDGET	FY PROJECTED FUNDING SOURCES								PROJECT TOTAL
		TOTAL ESTIMATE	PRIOR YEARS	PROJECTED 2020	2021	2022	2023	2024	2025	
General Project Fund Revenue										
Certificates of Obligation (CO)										
General Obligation Bonds (GO)										
New/Proposed CO Bonds										
New/Proposed GO Bonds										
W/S Revenue Bonds										
W/S Project Fund Revenue										
Impact Fees										
Sales Taxes	\$1,800,000	\$1,800,000					\$200,000	\$1,600,000		\$1,800,000
Other Funding Sources <sup>1</sup> -										
<b>TOTAL SOURCES</b>	<b>\$1,800,000</b>	<b>\$1,800,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$200,000</b>	<b>\$1,600,000</b>	<b>\$0</b>	<b>\$1,800,000</b>

<sup>1</sup>Explain & Identify Type of Other Sources:

Project Manager: City Engineer

**CITY OF ALVIN  
2021 - 2025 CAPITAL IMPROVEMENT PROGRAM  
PARKS**

Project No.	Project Name	PRIOR YEARS	PROJECTED 2020	2021	2022	2023	2024	2025	Total	2021 - 2025 Allocation
PA1802	Disc Golf Course	\$329,821	\$488,521						\$818,342	
PA1901	Pearson Park Capital Improvement Rec.	\$155,715		\$1,749,000	\$271,000	\$200,800	\$94,100	\$116,000	\$2,586,615	\$2,430,900
PA1902	Tom Blakeney Trail Park Capital Imp. Rec.	\$9,187	\$90,814		\$2,756,000				\$2,856,000	\$2,756,000
PA2001	Briscoe Park Capital Improvement Rec.			\$473,280	\$157,800	\$69,600	\$93,280	\$232,000	\$1,025,960	\$1,025,960
PA2002	Nat. Oak Park & Bob Owen Pool Capital Imp. Re			\$116,000		\$34,980			\$150,980	\$150,980
PA2003	Newman Park Capital Improvement Rec.			\$86,100	\$55,000	\$58,000	\$313,200	\$290,000	\$802,300	\$802,300
PA2101	Prairie Dog Park Capital Improvement Rec.			\$65,000	\$197,200		\$232,000		\$494,200	\$494,200
PA2102	Ruben Adame Park Capital Imp. Rec.			\$29,000	\$66,000		\$127,600	\$175,000	\$397,600	\$397,600
PA2103	Talmadge Park Capital Improvement Rec.			\$58,000		\$81,200			\$139,200	\$139,200
PA2201	Hugh Adams Park Capital Improvement Rec.			\$104,940		\$93,280			\$198,220	\$198,220
PA2202	Lions Park Capital Improvement Rec.			\$116,000	\$129,920		\$522,000	\$92,800	\$860,720	\$860,720
PA2203	Morgan Park Capital Improvement Rec.				\$46,400	\$127,600	\$11,600		\$185,600	\$185,600
PA2301	Sealy Park Capital Improvement Rec.					\$46,400	\$88,000	\$175,000	\$309,400	\$309,400
PA2302	Marina Park Capital Improvement Rec.					\$200,000	\$2,200,000		\$2,400,000	\$2,400,000
PA2303	Bob Owen Municipal Pool Improvement Rec.			\$58,000		\$47,700			\$105,700	\$105,700
	<b>TOTAL USES</b>	<b>\$494,723</b>	<b>\$579,335</b>	<b>\$2,855,320</b>	<b>\$3,679,320</b>	<b>\$959,560</b>	<b>\$3,681,780</b>	<b>\$1,080,800</b>	<b>\$13,330,837</b>	<b>\$12,256,780</b>

**CITY OF ALVIN  
2021 - 2025 CAPITAL IMPROVEMENT PROGRAM  
PARKS**

SOURCE OF FUNDS	PRIOR YEARS	PROJECTED 2020	2021 - 2025					Total	2021 - 2025 Allocation
			2021	2022	2023	2024	2025		
General Project Fund Revenue	\$261,856	\$579,335	\$694,926	\$154,400	\$384,760	\$256,200	\$175,000	\$2,506,476	\$1,665,286
Certificates of Obligation (CO)									
General Obligation Bonds (GO)									
New/Proposed CO Bonds			\$1,590,000	\$2,756,000		\$2,722,000		\$7,068,000	\$7,068,000
New/Proposed GO Bonds									
W/S Revenue Bonds									
W/S Project Fund Revenue									
Impact Fees									
Sales Taxes									
Other Funding Sources	\$232,867		\$570,394	\$768,920	\$574,800	\$703,580	\$905,800	\$3,756,361	\$3,523,494
<b>TOTAL SOURCES</b>	<b>\$494,722</b>	<b>\$579,335</b>	<b>\$2,855,320</b>	<b>\$3,679,320</b>	<b>\$959,560</b>	<b>\$3,681,780</b>	<b>\$1,080,800</b>	<b>\$13,330,837</b>	<b>\$12,256,780</b>

USES	PRIOR YEARS	PROJECTED 2020	2021 - 2025					Total	2021 - 2025 Allocation
			2021	2022	2023	2024	2025		
Prelim. Engineering Report								\$0	\$0
Land/Right of Way								\$0	\$0
Design/Surveying	\$9,187	\$90,814	\$253,800	\$46,200	\$254,000	\$113,000	\$93,000	\$860,000	\$760,000
Construction	\$485,536	\$488,521	\$2,601,520	\$3,633,120	\$705,560	\$3,568,780	\$987,800	\$12,470,837	\$11,496,780
Equipment and Furniture								\$0	\$0
Contingency								\$0	\$0
<b>TOTAL USES</b>	<b>\$494,723</b>	<b>\$579,335</b>	<b>\$2,855,320</b>	<b>\$3,679,320</b>	<b>\$959,560</b>	<b>\$3,681,780</b>	<b>\$1,080,800</b>	<b>\$13,330,837</b>	<b>\$12,256,780</b>

**PROJECT DESCRIPTION**  
 FY2019 includes: base bid of \$294,660 for course construction, lighting for holes 1-9 (Alternative Bid Item #1) \$242,206.75, lighting for holes 10-10 (Alternative Bid Item #2) \$206,087 and 6% contingency \$44,577.00



**PROJECT ORIGIN AND JUSTIFICATION**  
 Construction and illumination of an 18 hole disc golf course would provide added value to the existing park system. "Parks and open space investments contribute to the community's livability and quality of life, which in turn enhances its' attractiveness as a place to live and conduct business." (Comprehensive Plan Page 4-2) Currently no other illuminated disc golf courses exist in the State of Texas, making this course unique which could to attract regional players and promoting tourism. (Parks and Recreation Master Plan, strategy 4.2.2)

**INCREMENTAL OPERATING AND MAINTENANCE COSTS**

**Impact on operating budget**       No       Yes (See Below)

Fiscal Year	2020	2021	2022	2023	2024
<b>Total Revenue</b>	-	-	-	-	-
Personnel Services	\$ -	-	-	-	-
Operation & Maintenance	8,000.00	8,000.00	-	-	-
Capital Outlay	-	-	-	-	-
<b>Total Expense</b>	\$ 8,000.00	\$ 8,000.00	\$ -	\$ -	\$ -

PROJECT COSTS ALLOCATION	TOTAL BUDGET	FY PROJECTED ALLOCATIONS								PROJECT TOTAL
		TOTAL ESTIMATE	PRIOR YEARS	PROJECTED 2020	2021	2022	2023	2024	2025	
Prelim. Engineering Report										
Land/Right of Way										
Design/Surveying										
Construction		\$818,342	\$329,821	\$488,521						\$818,342
Equipment and Furniture										
Contingency										
<b>TOTAL COSTS</b>	<b>\$0</b>	<b>\$818,342</b>	<b>\$329,821</b>	<b>\$488,521</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$18,342</b>

FUNDING SOURCES	TOTAL BUDGET	FY PROJECTED FUNDING SOURCES								PROJECT TOTAL
		TOTAL ESTIMATE	PRIOR YEARS	PROJECTED 2020	2021	2022	2023	2024	2025	
General Project Fund Revenue		\$585,475	\$96,954	\$488,521						\$585,475
Certificates of Obligation (CO)										
General Obligation Bonds (GO)										
New/Proposed CO Bonds										
New/Proposed GO Bonds										
W/S Revenue Bonds										
W/S Project Fund Revenue										
Impact Fees										
Sales Taxes										
Other Funding Sources <sup>1</sup> -		\$232,867	\$232,867							\$232,867
<b>TOTAL SOURCES</b>	<b>\$0</b>	<b>\$818,342</b>	<b>\$329,821</b>	<b>\$488,521</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$818,342</b>

**Explain & Identify Type of Other Sources:**      HOT Funds, MOU w/ C&R #3 for grading/dirt work

Project Manager: Parks and Recreation Director

**PROJECT DESCRIPTION**  
 In fiscal year 2021, replacement lighting for nine athletic fields and renovation of east end concession building. In fiscal year 2022, it is recommended to construct a wooden picnic deck near basketball court, mill & overlay 2 asphalt parking lots, install basketball court lighting. In fiscal year 2023, installation of sixteen bleacher shade coverings & playground cover is recommended. In fiscal year 2024, installation of irrigation on nine athletic playing fields & replace wooden picnic pavilion with park standard metal pavilion. 2025 upgrade 8 scoreboards



**PROJECT ORIGIN AND JUSTIFICATION**  
 The current wooden poles are very old and many are not vertically straight which causes mis-alignment of the lighting. In addition a permanent field conversion from football to softball has left four fields without proper lighting, creating a hazard for players at night. The east end concession building is in need of renovation in order to function properly. A wooden deck near the basketball court would allow a hard surface resting area for court users. Located under the existing oak trees shade would be available and would prevent the grass from being trampled and creating an unattractive and unsafe surface. Bleacher shade would provide relief from the sun to spectators during softball games. Irrigation would allow for improved athletic turf management when applying granulated fertilizer, seed or ant treatment.

**INCREMENTAL OPERATING AND MAINTENANCE COSTS**

**Impact on operating budget**       No       Yes (See Below)

Fiscal Year	2020	2021	2022	2023	2024
<b>Total Revenue</b>					-
Personnel Services					-
Operation & Maintenance					\$ 22,500.00
Capital Outlay					-
<b>Total Expense</b>	\$ -	\$ -	\$ -	\$ -	\$ 22,500.00

PROJECT COSTS ALLOCATION	TOTAL BUDGET	FY PROJECTED ALLOCATIONS									PROJECT TOTAL
		TOTAL ESTIMATE	PRIOR YEARS	PROJECTED 2020	2021	2022	2023	2024	2025		
Prelim. Engineering Report											
Land/Right of Way											
Design/Surveying		\$183,000			\$159,000		\$10,000	\$4,000	\$10,000	\$183,000	
Construction	\$2,403,615	\$2,403,615	\$155,715		\$1,590,000	\$271,000	\$190,800	\$90,100	\$106,000	\$2,403,615	
Equipment and Furniture											
Contingency											
<b>TOTAL COSTS</b>	\$2,403,615	\$2,586,615	\$155,715	\$0	\$1,749,000	\$271,000	\$200,800	\$94,100	\$116,000	\$2,586,615	

FUNDING SOURCES	TOTAL BUDGET	FY PROJECTED FUNDING SOURCES									PROJECT TOTAL
		TOTAL ESTIMATE	PRIOR YEARS	PROJECTED 2020	2021	2022	2023	2024	2025		
General Project Fund Revenue	\$150,000	\$155,715	\$155,715							\$155,715	
Certificates of Obligation (CO)											
General Obligation Bonds (GO)											
New/Proposed CO Bonds		\$1,590,000			\$1,590,000					\$1,590,000	
New/Proposed GO Bonds											
W/S Revenue Bonds											
W/S Project Fund Revenue											
Impact Fees											
Sales Taxes											
Other Funding Sources <sup>1</sup> -	\$153,700	\$840,900			\$159,000	\$271,000	\$200,800	\$94,100	\$116,000	\$840,900	
<b>TOTAL SOURCES</b>	\$303,700	\$2,586,615	\$155,715	\$0	\$1,749,000	\$271,000	\$200,800	\$94,100	\$116,000	\$2,586,615	

**Explain & Identify Type of Other Sources:**      Park Dedication Fund

Project Manager: Parks and Recreation Director

**PROJECT DESCRIPTION**  
 In fiscal year 2019, preliminary engineering/design for Phase III was included in the budget. In fiscal year 2022, construction of Phase III is recommended as the sewer line is being replaced along a portion of the projected trail on the lake property.



**PROJECT ORIGIN AND JUSTIFICATION**  
 Phase III of the hike and bike trail is planned to extend from South Street to Alvin Community College. This route was designed by a steering committee, approved by the Parks and Recreation Board and ultimately adopted by City Council as part of the 2035 Comprehensive Plan (Goal 4.3, Obj. 4.3.1, pg. 4-21) Phase III is emphasized in the 2017 Parks and Recreation Master Plan (Goal 2.0, obj. 2.1, Strategy 2.1.1, pg. 3.22)

**INCREMENTAL OPERATING AND MAINTENANCE COSTS**

**Impact on operating budget**       No       Yes (See Below)

Fiscal Year	2020	2021	2022	2023	2024
<b>Total Revenue</b>	-	-	-	-	-
Personnel Services					
Operation & Maintenance	10,000.00	10,000.00	10,000.00	10,000.00	10,000.00
Capital Outlay					
<b>Total Expense</b>	<b>\$ 10,000.00</b>				

PROJECT COSTS ALLOCATION	TOTAL BUDGET	FY PROJECTED ALLOCATIONS								PROJECT TOTAL
		TOTAL ESTIMATE	PRIOR YEARS	PROJECTED 2020	2021	2022	2023	2024	2025	
Prelim. Engineering Report										
Land/Right of Way										
Design/Surveying	\$100,000	\$100,000	\$9,187	\$90,814						\$100,000
Construction	\$2,756,000	\$2,756,000				\$2,756,000				\$2,756,000
Equipment and Furniture										
Contingency										
<b>TOTAL COSTS</b>	<b>\$2,856,000</b>	<b>\$2,856,000</b>	<b>\$9,187</b>	<b>\$90,814</b>	<b>\$0</b>	<b>\$2,756,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$2,856,000</b>

FUNDING SOURCES	TOTAL BUDGET	FY PROJECTED FUNDING SOURCES								PROJECT TOTAL
		TOTAL ESTIMATE	PRIOR YEARS	PROJECTED 2020	2021	2022	2023	2024	2025	
General Project Fund	\$100,000	\$100,000	\$9,187	\$90,814						\$100,000
Certificates of Obligation (CO)										
General Obligation Bonds (GO)										
New/Proposed CO Bonds	\$2,756,000	\$2,756,000				\$2,756,000				\$2,756,000
New/Proposed GO Bonds										
W/S Revenue Bonds										
W/S Project Fund Revenue										
Impact Fees										
Sales Taxes										
Other Funding Sources <sup>1</sup> -										
<b>TOTAL SOURCES</b>	<b>\$2,856,000</b>	<b>\$2,856,000</b>	<b>\$9,187</b>	<b>\$90,814</b>	<b>\$0</b>	<b>\$2,756,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$2,856,000</b>

**Explain & Identify Type of Other Sources:**      Park Dedication Fund and/or General Projects Fund  
 \$100,000 was added to FY20 for revenues to balance out the project. Need to verify where this funding will come from.

Project Manager: Parks and Recreation Director

**PROJECT DESCRIPTION**  
 In fiscal year 2021, splash pad, fishing pier @ the retention pond, drainage/grading/dirtwork @ Dog Park, Disc Golf, Football Fields & upgrade grinder station. are recommended. In fiscal year 2022, install curb and gutter and repair to sub-base of asphalt parking lot w/ slurry seal cap & re-stripe. In fiscal year 2023, three bleacher shade covers are recommended, one for each of the three bleachers located adjacent to one of the football fields. Install two shade canopies within the large dog area of the dog park. In fiscal year 2024, installation of solar lighting for the dog park is recommended. In fiscal year 2025, installation of two concrete parking lots (Northeast & Southwest)



**PROJECT ORIGIN AND JUSTIFICATION**  
 A splash pad is the most needed park amenity according to a survey found in the 2017 Parks and Recreation Master Plan. A fishing pier, would also promote fresh water fishing in our community as the pond is currently registered with the Texas Parks and Wildlife Department, aka "Briscoe Pond" and stocked with fish annually. Installing a curb and gutter would help to prevent vehicular traffic from rutting up the grass. Three bleacher shade covers would provide relief to spectators watching football games as there is significant lack of shade at the park. Two shade canopies within the large dog area of the dog park have been requested by park users to park staff as there is minimal to no shade in that area. Solar lighting at the dog park would allow for extended use of the park during the evening hours, especially during the winter months.

**INCREMENTAL OPERATING AND MAINTENANCE COSTS**

**Impact on operating budget**       No       Yes (See Below)

Fiscal Year	2020	2021	2022	2023	2024
<b>Total Revenue</b>					
Personnel Services					
Operation & Maintenance		10,000.00			4,400.00
Capital Outlay					
<b>Total Expense</b>	\$ -	\$ 10,000.00	\$ -	\$ -	\$ 4,400.00

PROJECT COSTS ALLOCATION	TOTAL BUDGET	FY PROJECTED ALLOCATIONS								PROJECT TOTAL
		TOTAL ESTIMATE	PRIOR YEARS	PROJECTED 2020	2021	2022	2023	2024	2025	
Prelim. Engineering Report										
Land/Right of Way										
Design/Surveying		\$151,600			\$40,800	\$9,000	\$6,000		\$20,000	\$75,800
Construction		\$1,900,320			\$432,480	\$148,800	\$63,600	\$93,280	\$212,000	\$950,160
Equipment and Furniture										
Contingency										
<b>TOTAL COSTS</b>	<b>\$0</b>	<b>\$2,051,920</b>	<b>\$0</b>	<b>\$0</b>	<b>\$473,280</b>	<b>\$157,800</b>	<b>\$69,600</b>	<b>\$93,280</b>	<b>\$232,000</b>	<b>\$1,025,960</b>

FUNDING SOURCES	TOTAL BUDGET	FY PROJECTED FUNDING SOURCES								PROJECT TOTAL
		TOTAL ESTIMATE	PRIOR YEARS	PROJECTED 2020	2021	2022	2023	2024	2025	
General Project Fund Revenue		\$385,280			\$330,480	\$54,800				\$385,280
Certificates of Obligation (CO)										
General Obligation Bonds (GO)										
New/Proposed CO Bonds										
New/Proposed GO Bonds										
W/S Revenue Bonds										
W/S Project Fund Revenue										
Impact Fees										
Sales Taxes										
Other Funding Sources <sup>1</sup> -		\$640,680			\$142,800	\$103,000	\$69,600	\$93,280	\$232,000	\$640,680
<b>TOTAL SOURCES</b>	<b>\$0</b>	<b>\$1,025,960</b>	<b>\$0</b>	<b>\$0</b>	<b>\$473,280</b>	<b>\$157,800</b>	<b>\$69,600</b>	<b>\$93,280</b>	<b>\$232,000</b>	<b>\$1,025,960</b>

**Explain & Identify Type of Other Sources:**      Park Dedication Funds

Project Manager: Parks and Recreation Director

**PROJECT DESCRIPTION**  
 In fiscal year 2021, relocation of the existing playground, construction of a congregation/picnic area is recommended. In fiscal year 2023, installation of parking lot lights for the Sidnor Street parking lot (near bridge) is recommended. \*recommended site for KaBOOM! Grant



**PROJECT ORIGIN AND JUSTIFICATION**  
 Currently, the playground is located in close proximity to the skatepark. With the greater volume of skatepark participants, a larger area is needed so skate park users can rest and socialize. Moving the playground closer to the existing swing set will consolidate playspaces into a single area which will allow for improved park usage. The parking lot lights would improve visibility of the parking lot and provide added security lighting because the lot is located at the dead-end of Sidnor and is regularly used by community members to quickly access the Nature Observation Area or pedestrian bridge on the hike and bike trail.

**INCREMENTAL OPERATING AND MAINTENANCE COSTS**

**Impact on operating budget**       No       Yes (See Below)

Fiscal Year	2020	2021	2022	2023	2024
<b>Total Revenue</b>	-	-	-	-	-
Personnel Services					
Operation & Maintenance					3,000.00
Capital Outlay					-
<b>Total Expense</b>	\$ -	\$ -	\$ -	\$ -	\$ 3,000.00

PROJECT COSTS ALLOCATION	TOTAL BUDGET	FY PROJECTED ALLOCATIONS								PROJECT TOTAL
		TOTAL ESTIMATE	PRIOR YEARS	PROJECTED 2020	2021	2022	2023	2024	2025	
Prelim. Engineering Report										
Land/Right of Way										
Design/Surveying		\$26,000			\$10,000		\$3,000			\$13,000
Construction		\$137,980			\$106,000		\$31,980			\$137,980
Equipment and Furniture										
Contingency										
<b>TOTAL COSTS</b>	\$0	\$163,980	\$0	\$0	\$116,000	\$0	\$34,980	\$0	\$0	\$150,980

FUNDING SOURCES	TOTAL BUDGET	FY PROJECTED FUNDING SOURCES								PROJECT TOTAL
		TOTAL ESTIMATE	PRIOR YEARS	PROJECTED 2020	2021	2022	2023	2024	2025	
General Project Fund Revenue		\$58,386			\$23,406		\$34,980			\$58,386
Certificates of Obligation (CO)										
General Obligation Bonds (GO)										
New/Proposed CO Bonds										
New/Proposed GO Bonds										
W/S Revenue Bonds										
W/S Project Fund Revenue										
Impact Fees										
Sales Taxes										
Other Funding Sources <sup>1</sup> -		\$92,594			\$92,594					\$92,594
<b>TOTAL SOURCES</b>	\$0	\$150,980	\$0	\$0	\$116,000	\$0	\$34,980	\$0	\$0	\$150,980

**Explain & Identify Type of Other Sources:**      Park Dedication Fund

Project Manager: Parks and Recreation Director

**PROJECT DESCRIPTION**  
 In fiscal year 2021 replacement of two wooden pavilions is recommended along with shade cover for bleachers at basketball court. In fiscal year 2022, extending the existing concrete walking path is recommended. In fiscal year 2023, add lighting to basketball court. In fiscal year 2024, installation of pathway lighting, shade cover over playground is recommended. In fiscal year 2025, recommend to construct permanent restrooms, expand existing parking lot.



**PROJECT ORIGIN AND JUSTIFICATION**  
 The wooden pavilions are over twenty years old, showing deterioration and need to be replaced. Replacement pavilion design, material and color should follow the site furnishing standard outlined the Park Standards Manual (pg. E.12). Extending the concrete walking path has been requested by residents. Walking/Biking trails were also identified as a need in the Parks and Recreation Master Plan. Installation of pathway lighting would provide an opportunity for community members to utilize the park in the evening, especially during the winter months.

**INCREMENTAL OPERATING AND MAINTENANCE COSTS**

**Impact on operating budget**       No       Yes (See Below)

Fiscal Year	2020	2021	2022	2023	2024
<b>Total Revenue</b>	-	-	-	-	-
Personnel Services					
Operation & Maintenance					10,000.00
Capital Outlay					-
<b>Total Expense</b>	\$ -	\$ -	\$ -	\$ -	\$ 10,000.00

PROJECT COSTS ALLOCATION	TOTAL BUDGET	FY PROJECTED ALLOCATIONS								PROJECT TOTAL
		TOTAL ESTIMATE	PRIOR YEARS	PROJECTED 2020	2021	2022	2023	2024	2025	
Prelim. Engineering Report										
Land/Right of Way										
Design/Surveying		\$64,500			\$7,500		\$5,000	\$27,000	\$25,000	\$64,500
Construction		\$737,800			\$78,600	\$55,000	\$53,000	\$286,200	\$265,000	\$737,800
Equipment and Furniture										
Contingency										
<b>TOTAL COSTS</b>	<b>\$0</b>	<b>\$802,300</b>	<b>\$0</b>	<b>\$0</b>	<b>\$86,100</b>	<b>\$55,000</b>	<b>\$58,000</b>	<b>\$313,200</b>	<b>\$290,000</b>	<b>\$802,300</b>

FUNDING SOURCES	TOTAL BUDGET	FY PROJECTED FUNDING SOURCES								PROJECT TOTAL
		TOTAL ESTIMATE	PRIOR YEARS	PROJECTED 2020	2021	2022	2023	2024	2025	
General Project Fund Revenue		\$43,100			\$26,100			\$17,000		\$43,100
Certificates of Obligation (CO)										
General Obligation Bonds (GO)										
New/Proposed CO Bonds										
New/Proposed GO Bonds										
W/S Revenue Bonds										
W/S Project Fund Revenue										
Impact Fees										
Sales Taxes										
Other Funding Sources <sup>1</sup> -		\$759,200			\$60,000	\$55,000	\$58,000	\$296,200	\$290,000	\$759,200
<b>TOTAL SOURCES</b>	<b>\$0</b>	<b>\$802,300</b>	<b>\$0</b>	<b>\$0</b>	<b>\$86,100</b>	<b>\$55,000</b>	<b>\$58,000</b>	<b>\$313,200</b>	<b>\$290,000</b>	<b>\$802,300</b>

**Explain & Identify Type of Other Sources:**      Park Dedication Fund and/or General Projects Fund

Project Manager: Parks and Recreation Director

**PROJECT DESCRIPTION**  
 In fiscal year 2021, expansion of Prairie Dog Park is recommended through acquisition and demolition of the EMS building coupled with re-design of the park footprint. In fiscal year 2022, recommend installation of an outdoor exercise area and concrete pathway to join all park amenities. In fiscal year 2024, construction of a splash pad and park lighting is recommended.



**PROJECT ORIGIN AND JUSTIFICATION**  
 With the relocation of the EMS department, removal of the wooden privacy fence along with the building itself would allow for expansion and significant visibility of the the park from House Street. Parking and progressive park amenities such as an outdoor exercise area and splash pad can create unique attractions within this park (Parks Master Plan Strategy 3.2.2, pg. 3.29 & Survey Table pg. 3.15). Park lighting will be necessary to allow park users to utilize the park in the evening especially during the winter months (Parks Master Plan Objective 2.3, page 3.26).

**INCREMENTAL OPERATING AND MAINTENANCE COSTS**

**Impact on operating budget**       No       Yes (See Below)

Fiscal Year	2020	2021	2022	2023	2024
<b>Total Revenue</b>	-	-	-	-	-
Personnel Services					
Operation & Maintenance					15,750.00
Capital Outlay					
<b>Total Expense</b>	\$ -	\$ -	\$ -	\$ -	\$ 15,750.00

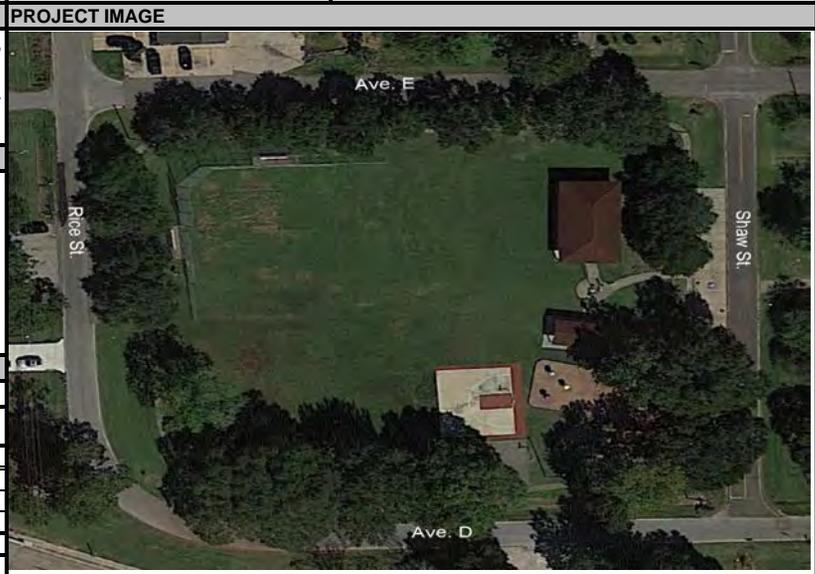
PROJECT COSTS ALLOCATION	TOTAL BUDGET	FY PROJECTED ALLOCATIONS								PROJECT TOTAL
		TOTAL ESTIMATE	PRIOR YEARS	PROJECTED 2020	2021	2022	2023	2024	2025	
Prelim. Engineering Report										
Land/Right of Way										
Design/Surveying		\$42,000			\$5,000	\$17,000		\$20,000		\$42,000
Construction		\$452,200			\$60,000	\$180,200		\$212,000		\$452,200
Equipment and Furniture										
Contingency										
<b>TOTAL COSTS</b>	<b>\$0</b>	<b>\$494,200</b>	<b>\$0</b>	<b>\$0</b>	<b>\$65,000</b>	<b>\$197,200</b>	<b>\$0</b>	<b>\$232,000</b>	<b>\$0</b>	<b>\$494,200</b>

FUNDING SOURCES	TOTAL BUDGET	FY PROJECTED FUNDING SOURCES								PROJECT TOTAL
		TOTAL ESTIMATE	PRIOR YEARS	PROJECTED 2020	2021	2022	2023	2024	2025	
General Project Fund Revenue		\$181,200			\$65,000	\$17,200		\$100,000		\$182,200
Certificates of Obligation (CO)										
General Obligation Bonds (GO)										
New/Proposed CO Bonds										
New/Proposed GO Bonds										
W/S Revenue Bonds										
W/S Project Fund Revenue										
Impact Fees										
Sales Taxes										
Other Funding Sources <sup>1</sup> -		\$312,000				\$180,000		\$132,000		\$312,000
<b>TOTAL SOURCES</b>	<b>\$0</b>	<b>\$493,200</b>	<b>\$0</b>	<b>\$0</b>	<b>\$65,000</b>	<b>\$197,200</b>	<b>\$0</b>	<b>\$232,000</b>	<b>\$0</b>	<b>\$494,200</b>

<sup>1</sup>Explain & Identify Type of Other Sources:      Park Dedication Fund

Project Manager: Parks and Recreation Director

**PROJECT DESCRIPTION**  
 In fiscal year 2021, construct remaining 1/2 basketball court. In fiscal year 2022, install lighting for the basketball court, playground and baskstop area, purchase and install new swing set with parent child swing(s) or other unique feature. In fiscal year 2024, install shade canopy over the basketball court. In fiscal year 2025, construct permanent restrooms.



**PROJECT ORIGIN AND JUSTIFICATION**  
 Construction of the remaining 1/2 basketball court is recommended because the amount of CDBG funding in FY 2015 only allowed for 1/2 of the planned full basketball court. Illumination of the basketball court, playground and backstop area is recommended to allow use of these amenities in the evening hours, especially during the winter months (Parks Master Plan Obj. 2.3, page 3.26) A shade canopy over the basketball court would provide users protection from the sun, cooler playing conditions and attract more users (Parks Master Plan Strategy 3.2.2, page 3.29).

**INCREMENTAL OPERATING AND MAINTENANCE COSTS**

**Impact on operating budget**       No       Yes (See Below)

Fiscal Year	2020	2021	2022	2023	2024
<b>Total Revenue</b>	-	-	-	-	-
Personnel Services	\$ -	-	-	-	-
Operation & Maintenance	-	-	\$ 5,000.00	-	-
Capital Outlay	-	-	-	-	-
<b>Total Expense</b>	\$ -	\$ -	\$ 5,000.00	\$ -	\$ -

PROJECT COSTS ALLOCATION	TOTAL BUDGET	FY PROJECTED ALLOCATIONS								PROJECT TOTAL
		TOTAL ESTIMATE	PRIOR YEARS	PROJECTED 2020	2021	2022	2023	2024	2025	
Prelim. Engineering Report										
Land/Right of Way										
Design/Surveying		\$33,500			\$2,500	\$5,000		\$11,000	\$15,000	\$33,500
Construction		\$364,100			\$26,500	\$61,000		\$116,600	\$160,000	\$364,100
Equipment and Furniture										
Contingency										
<b>TOTAL COSTS</b>	<b>\$0</b>	<b>\$397,600</b>	<b>\$0</b>	<b>\$0</b>	<b>\$29,000</b>	<b>\$66,000</b>	<b>\$0</b>	<b>\$127,600</b>	<b>\$175,000</b>	<b>\$397,600</b>

FUNDING SOURCES	TOTAL BUDGET	FY PROJECTED FUNDING SOURCES								PROJECT TOTAL
		TOTAL ESTIMATE	PRIOR YEARS	PROJECTED 2020	2021	2022	2023	2024	2025	
General Project Fund Revenue		\$192,600			\$29,000	\$36,000		\$127,600	\$175,000	\$367,600
Certificates of Obligation (CO)										
General Obligation Bonds (GO)										
New/Proposed CO Bonds										
New/Proposed GO Bonds										
W/S Revenue Bonds										
W/S Project Fund Revenue										
Impact Fees										
Sales Taxes										
Other Funding Sources <sup>1</sup> -		\$205,000				\$30,000				\$30,000
<b>TOTAL SOURCES</b>	<b>\$0</b>	<b>\$397,600</b>	<b>\$0</b>	<b>\$0</b>	<b>\$29,000</b>	<b>\$66,000</b>	<b>\$0</b>	<b>\$127,600</b>	<b>\$175,000</b>	<b>\$397,600</b>

**Explain & Identify Type of Other Sources:**      General Projects Fund and/or Park Dedication Fund

Project Manager: Parks and Recreation Director

**PROJECT DESCRIPTION**  
 In fiscal year 2021, construction of a concrete pathway connecting park amenities and parking lot is recommended. In fiscal year 2023 construction of a full court concrete basketball court, lighting and electrical outlets at the pavilion and installation of a unique play structure is recommended.



**PROJECT ORIGIN AND JUSTIFICATION**  
 Construction of a full court concrete basketball court and addition of a unique playscape combined along with installation of lights and electrical outlets on the existing pavilion would provide an attractive feature for park users. Construction of a concrete pathway connecting the parking lot and all amenities would assist with accessibility within the park.

**INCREMENTAL OPERATING AND MAINTENANCE COSTS**

**Impact on operating budget**       No       Yes (See Below)

Fiscal Year	2020	2021	2022	2023	2024
<b>Total Revenue</b>	-	-	-	-	-
Personnel Services	\$ -	-	-	-	-
Operation & Maintenance	-	-	-	\$ 1,500.00	-
Capital Outlay	-	-	-	-	-
<b>Total Expense</b>	\$ -	\$ -	\$ -	\$ 1,500.00	\$ -

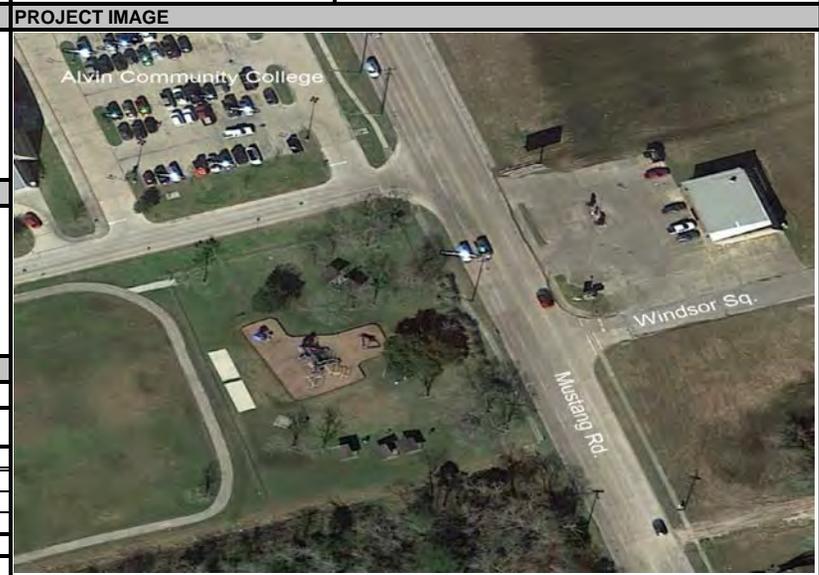
PROJECT COSTS ALLOCATION	TOTAL BUDGET	FY PROJECTED ALLOCATIONS								PROJECT TOTAL
		TOTAL ESTIMATE	PRIOR YEARS	PROJECTED 2020	2021	2022	2023	2024	2025	
Prelim. Engineering Report										
Land/Right of Way										
Design/Surveying		\$12,000			\$5,000		\$7,000			\$12,000
Construction		\$127,200			\$53,000		\$74,200			\$127,200
Equipment and Furniture										
Contingency										
<b>TOTAL COSTS</b>	<b>\$0</b>	<b>\$139,200</b>	<b>\$0</b>	<b>\$0</b>	<b>\$58,000</b>	<b>\$0</b>	<b>\$81,200</b>	<b>\$0</b>	<b>\$0</b>	<b>\$139,200</b>

FUNDING SOURCES	TOTAL BUDGET	FY PROJECTED FUNDING SOURCES								PROJECT TOTAL
		TOTAL ESTIMATE	PRIOR YEARS	PROJECTED 2020	2021	2022	2023	2024	2025	
General Project Fund Revenue		\$139,200			\$58,000		\$81,200			\$139,200
Certificates of Obligation (CO)										
General Obligation Bonds (GO)										
New/Proposed CO Bonds										
New/Proposed GO Bonds										
W/S Revenue Bonds										
W/S Project Fund Revenue										
Impact Fees										
Sales Taxes										
Other Funding Sources <sup>1</sup> -										
<b>TOTAL SOURCES</b>	<b>\$0</b>	<b>\$139,200</b>	<b>\$0</b>	<b>\$0</b>	<b>\$58,000</b>	<b>\$0</b>	<b>\$81,200</b>	<b>\$0</b>	<b>\$0</b>	<b>\$139,200</b>

**Explain & Identify Type of Other Sources:**      General Projects Fund and/or Park Dedication Fund

Project Manager: Parks and Recreation Director

**PROJECT DESCRIPTION**  
 In fiscal year 2021, replacement of seven wooden picnic pavilions. In fiscal year 2022, installation of a shade canopy over the playground area.



**PROJECT ORIGIN AND JUSTIFICATION**  
 The existing wooden pavilions are in need of replacement. Replacement pavilion design, material and color should follow the site furnishing standard outlined the Park Standards Manual (pg. E.12). The playground is currently in direct sunlight. Shade would allow for cooler temperatures on all playstructure surfaces as well as offer kids protection from the sun as recommended in the Park Standards Manual (Table 1 pg. E.4). Shade will also help maintain the integrity of the playground components and prevent premature color fading.

**INCREMENTAL OPERATING AND MAINTENANCE COSTS**

**Impact on operating budget**       No       Yes (See Below)

Fiscal Year	2020	2021	2022	2023	2024
<b>Total Revenue</b>					
Personnel Services					
Operation & Maintenance					
Capital Outlay					
<b>Total Expense</b>	\$ -	\$ -	\$ -	\$ -	\$ -

PROJECT COSTS ALLOCATION	TOTAL BUDGET	FY PROJECTED ALLOCATIONS								PROJECT TOTAL
		TOTAL ESTIMATE	PRIOR YEARS	PROJECTED 2020	2021	2022	2023	2024	2025	
Prelim. Engineering Report										
Land/Right of Way										
Design/Surveying		\$17,000			\$9,000		\$8,000			\$17,000
Construction		\$181,220			\$95,940		\$85,280			\$181,220
Equipment and Furniture										
Contingency										
<b>TOTAL COSTS</b>	\$0	\$198,220	\$0	\$0	\$104,940	\$0	\$93,280	\$0		\$198,220

FUNDING SOURCES	TOTAL BUDGET	FY PROJECTED FUNDING SOURCES								PROJECT TOTAL
		TOTAL ESTIMATE	PRIOR YEARS	PROJECTED 2020	2021	2022	2023	2024	2025	
General Project Fund Revenue		\$198,220			\$104,940		\$93,280			\$198,220
Certificates of Obligation (CO)										
General Obligation Bonds (GO)										
New/Proposed CO Bonds										
New/Proposed GO Bonds										
W/S Revenue Bonds										
W/S Project Fund Revenue										
Impact Fees										
Sales Taxes										
Other Funding Sources <sup>1</sup> -										
<b>TOTAL SOURCES</b>	\$0	\$198,220	\$0	\$0	\$104,940	\$0	\$93,280	\$0	\$0	\$198,220

**Explain & Identify Type of Other Sources:**      Park Dedication Fund, General Fund

Project Manager: Parks and Recreation Director

**PROJECT DESCRIPTION**  
 In fiscal year 2021, re-asphalt walking trail is recommended. In fiscal year 2022, installation of fourteen bleacher shade covers along with replacement of fourteen metal dug out roofs. In fiscal year 2024, installation of one large picnic pavilion to include four picnic tables, five smaller picnic pavilions with ten total picnic tables, playground designed for 5-12 year old children with age recommendation and safety rules sign along with athletic field lighting for the remaining three athletic playing fields and an irrigation system for all seven athletic playing fields. In fiscal year 2025, replacement of 6 scoreboards



**PROJECT ORIGIN AND JUSTIFICATION**  
 The bleacher shade covers will provide relief from the direct sun to everyone attending/watching games at all seven athletic fields. The current dug out roofs are built with corrugated tin aluminum and will need to be replaced with heavier gauge aluminum preferably having a sun reflective finish to maintain cool temperatures within the dug out (refer to Park Standards Manual). Picnic pavilions with tables are needed because none exist currently and there is a need for relief from the sun to sit, eat and relax during breaks from baseball games. A playground is needed to provide a recreational outlet to park visitors, nothing currently exists. Athletic field lighting is always in demand, currently four of the seven fields have lights.

**INCREMENTAL OPERATING AND MAINTENANCE COSTS**

**Impact on operating budget**       No       Yes (See Below)

Fiscal Year	2020	2021	2022	2023	2024
<b>Total Revenue</b>	-	-	-	-	-
Personnel Services	\$ -	-	-	-	-
Operation & Maintenance	-	-	-	-	11,500.00
Capital Outlay	-	-	-	-	-
<b>Total Expense</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 11,500.00</b>

PROJECT COSTS ALLOCATION	TOTAL BUDGET	FY PROJECTED ALLOCATIONS								PROJECT TOTAL
		TOTAL ESTIMATE	PRIOR YEARS	PROJECTED 2020	2021	2022	2023	2024	2025	
Prelim. Engineering Report										
Land/Right of Way										
Design/Surveying		\$74,200			\$10,000	\$11,200		\$45,000	\$8,000	\$74,200
Construction		\$786,520			\$106,000	\$118,720		\$477,000	\$84,800	\$786,520
Equipment and Furniture										
Contingency										
<b>TOTAL COSTS</b>	<b>\$0</b>	<b>\$860,720</b>	<b>\$0</b>	<b>\$0</b>	<b>\$116,000</b>	<b>\$129,920</b>	<b>\$0</b>	<b>\$522,000</b>	<b>\$92,800</b>	<b>\$860,720</b>

FUNDING SOURCES	TOTAL BUDGET	FY PROJECTED FUNDING SOURCES								PROJECT TOTAL
		TOTAL ESTIMATE	PRIOR YEARS	PROJECTED 2020	2021	2022	2023	2024	2025	
General Project Fund Revenue										
Certificates of Obligation (CO)										
General Obligation Bonds (GO)										
New/Proposed CO Bonds		\$522,000						\$522,000		\$522,000
New/Proposed GO Bonds										
W/S Revenue Bonds										
W/S Project Fund Revenue										
Impact Fees										
Sales Taxes										
Other Funding Sources <sup>1</sup> -		\$338,720			\$116,000	\$129,920			\$92,800	\$338,720
<b>TOTAL SOURCES</b>	<b>\$0</b>	<b>\$860,720</b>	<b>\$0</b>	<b>\$0</b>	<b>\$116,000</b>	<b>\$129,920</b>	<b>\$0</b>	<b>\$522,000</b>	<b>\$92,800</b>	<b>\$860,720</b>

**1 Explain & Identify Type of Other Sources:**      Park Dedication Funds and/or General Project Funds

Project Manager: Parks and Recreation Director

**PROJECT DESCRIPTION**  
 In fiscal Year 2022, purchase and installation of four bleacher shade covers are recommended. In fiscal year 2023, construct large pavilion (>701 sq ft) and renovate restrooms. In fiscal year 2024, installation of irrigation for the two athletic fields is recommended.



**PROJECT ORIGIN AND JUSTIFICATION**  
 Bleacher shade would provide relief from the sun to spectators during athletic games. Addition of a pavilion would allow space for community gatherings and a rentable amenity. The restrooms have not been renovated since 2006 and are in need of a re-fresh. Irrigation would allow for improved athletic turf management when applying granulated fertilizer, seed or ant treatment.

No       Yes (See Below)

Fiscal Year	2020	2021	2022	2023	2024
<b>Total Revenue</b>	-	-	-	-	-
Personnel Services	\$ -	-	-	-	-
Operation & Maintenance	-	-	-	-	5,000.00
Capital Outlay	-	-	-	-	-
<b>Total Expense</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 5,000.00</b>
<b>FTE Staff Total</b>					

PROJECT COSTS ALLOCATION	TOTAL BUDGET	FY PROJECTED ALLOCATIONS								PROJECT TOTAL
		TOTAL ESTIMATE	PRIOR YEARS	PROJECTED 2020	2021	2022	2023	2024	2025	
Prelim. Engineering Report										
Land/Right of Way										
Design/Surveying		\$15,000				\$4,000	\$11,000	\$1,000		\$16,000
Construction		\$169,600				\$42,400	\$116,600	\$10,600		\$169,600
Equipment and Furniture										
Contingency										
<b>TOTAL COSTS</b>		<b>\$184,600</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$46,400</b>	<b>\$127,600</b>	<b>\$11,600</b>	<b>\$0</b>	<b>\$185,600</b>

FUNDING SOURCES	TOTAL BUDGET	FY PROJECTED FUNDING SOURCES								PROJECT TOTAL
		TOTAL ESTIMATE	PRIOR YEARS	PROJECTED 2020	2021	2022	2023	2024	2025	
General Project Fund Revenue		\$185,600				\$46,400	\$127,600	\$11,600		\$185,600
Certificates of Obligation (CO)										
General Obligation Bonds (GO)										
New/Proposed CO Bonds										
New/Proposed GO Bonds										
W/S Revenue Bonds										
W/S Project Fund Revenue										
Impact Fees										
Sales Taxes										
Other Funding Sources <sup>1</sup> -										
<b>TOTAL SOURCES</b>	<b>\$0</b>	<b>\$185,600</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$46,400</b>	<b>\$127,600</b>	<b>\$11,600</b>	<b>\$0</b>	<b>\$185,600</b>

**Explain & Identify Type of Other Sources:**

Project Manager: Parks and Recreation Director

**PROJECT DESCRIPTION**  
 In fiscal year 2023, construct new small hexagonal pavilion <701 sq. ft. In fiscal year 2024, construction of full court basketball court with lighting. In fiscal year 2025 construct permanent restrooms.



**PROJECT ORIGIN AND JUSTIFICATION**  
 Permanent Restrooms were also requested by park users as this park features tremendous shade and thus is an ideal area to host birthday and family gatherings. Without onsite restrooms, guests are often forced to leave to seek an available restroom. An onsite restroom and small pavilion could be offered as a fee based amenity in addition to providing enhanced user experience. Park users have suggested expanding the existing court to a full court.

**INCREMENTAL OPERATING AND MAINTENANCE COSTS**

**Impact on operating budget**       No       Yes (See Below)

Fiscal Year	2020	2021	2022	2023	2024
<b>Total Revenue</b>	-	-	-	-	-
Personnel Services	\$ -	-	-	-	-
Operation & Maintenance	-	-	-	15,000.00	-
Capital Outlay	-	-	-	-	-
<b>Total Expense</b>	\$ -	\$ -	\$ -	\$ 15,000.00	\$ -

PROJECT COSTS ALLOCATION	TOTAL BUDGET	FY PROJECTED ALLOCATIONS								PROJECT TOTAL
		TOTAL ESTIMATE	PRIOR YEARS	PROJECTED 2020	2021	2022	2023	2024	2025	
Prelim. Engineering Report										
Land/Right of Way										
Design/Surveying		\$24,000					\$4,000	\$5,000	\$15,000	\$24,000
Construction		\$285,400					\$42,400	\$83,000	\$160,000	\$285,400
Equipment and Furniture										
Contingency										
<b>TOTAL COSTS</b>	<b>\$0</b>	<b>\$309,400</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$46,400</b>	<b>\$88,000</b>	<b>\$175,000</b>	<b>\$309,400</b>

FUNDING SOURCES	TOTAL BUDGET	FY PROJECTED FUNDING SOURCES								PROJECT TOTAL
		TOTAL ESTIMATE	PRIOR YEARS	PROJECTED 2020	2021	2022	2023	2024	2025	
General Project Fund Revenue										
Certificates of Obligation (CO)										
General Obligation Bonds (GO)										
New/Proposed CO Bonds										
New/Proposed GO Bonds										
W/S Revenue Bonds										
W/S Project Fund Revenue										
Impact Fees										
Sales Taxes										
Other Funding Sources <sup>1</sup> -		\$309,400					\$46,400	\$88,000	\$175,000	\$309,400
<b>TOTAL SOURCES</b>	<b>\$0</b>	<b>\$309,400</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$46,400</b>	<b>\$88,000</b>	<b>\$175,000</b>	<b>\$309,400</b>

**Explain & Identify Type of Other Sources:**      General Projects Fund and/or Park Dedication Fund

Project Manager: Parks and Recreation Director

**PROJECT DESCRIPTION**  
 In fiscal year 2023, preliminary engineering/design for a parking lot, trail and pedestrian bridge connection to downtown and existing hike and bike trail destinations. In fiscal year 2024, construction of parking lot, trail and pedestrian bridge.



**PROJECT ORIGIN AND JUSTIFICATION**  
 In FY 2018 the City acquired ownership of the 5.2 acre undeveloped land, by conveyence, from Brazoria County. The property is seated perfectly as a scenic pedestrian & pedicyclist thrououghfare from Highway 6 and the surrounding residential neighborhood to the existing hike and bike trail and downtown destinations.

No       Yes (See Below)

Fiscal Year	2020	2021	2022	2023	2024
<b>Total Revenue</b>					
Personnel Services					
Operation & Maintenance					
Capital Outlay					
<b>Total Expense</b>	\$ -	\$ -	\$ -	\$ -	\$ -
<b>FTE Staff Total</b>					

PROJECT COSTS ALLOCATION	TOTAL BUDGET	FY PROJECTED ALLOCATIONS								PROJECT TOTAL
		TOTAL ESTIMATE	PRIOR YEARS	PROJECTED 2020	2021	2022	2023	2024	2025	
Prelim. Engineering Report										
Land/Right of Way										
Design/Surveying		\$200,000					\$200,000			\$200,000
Construction		\$2,200,000						\$2,200,000		\$2,200,000
Equipment and Furniture										
Contingency										
<b>TOTAL COSTS</b>	<b>\$0</b>	<b>\$2,400,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$200,000</b>	<b>\$2,200,000</b>	<b>\$0</b>	<b>\$2,400,000</b>

FUNDING SOURCES	TOTAL BUDGET	FY PROJECTED FUNDING SOURCES								PROJECT TOTAL
		TOTAL ESTIMATE	PRIOR YEARS	PROJECTED 2020	2021	2022	2023	2024	2025	
General Project Fund Revenue										
Certificates of Obligation (CO)										
General Obligation Bonds (GO)										
New/Proposed CO Bonds		\$2,200,000						\$2,200,000		\$2,200,000
New/Proposed GO Bonds										
W/S Revenue Bonds										
W/S Project Fund Revenue										
Impact Fees										
Sales Taxes										
Other Funding Sources <sup>1</sup> -		\$200,000					\$200,000			\$200,000
<b>TOTAL SOURCES</b>	<b>\$0</b>	<b>\$2,400,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$200,000</b>	<b>\$2,200,000</b>	<b>\$0</b>	<b>\$2,400,000</b>

**1** Explain & Identify Type of Other Sources:

Project Manager: Parks and Recreation Director

**PROJECT DESCRIPTION**  
 In fiscal year 2021, construct cabanas / shade structures on pool deck. In fiscal year 2023, replacement of the existing cyclone fence is recommended.



**PROJECT ORIGIN AND JUSTIFICATION**  
 Cabanas could be a fee based amenity as well as enhance the user experience. The existing fence is showing wear and tear making it unattractive. The replacement fence should be AmeriStar Montage Commercial Invisible Style, or equivalent, black powder coated steel fence with curved picket used to prevent a breach while providing a traditional decorative fence appearance.

No     Yes (See Below)

Fiscal Year	2020	2021	2022	2023	2024
<b>Total Revenue</b>	-	-	-	-	-
Personnel Services	\$ -	-	-	-	-
Operation & Maintenance	-	-	-	-	5,000.00
Capital Outlay	-	-	-	-	-
<b>Total Expense</b>	\$ -	\$ -	\$ -	\$ -	\$ 5,000.00
<b>FTE Staff Total</b>					

PROJECT COSTS ALLOCATION	TOTAL BUDGET	FY PROJECTED ALLOCATIONS								PROJECT TOTAL
		TOTAL ESTIMATE	PRIOR YEARS	PROJECTED 2020	2021	2022	2023	2024	2025	
Prelim. Engineering Report										
Land/Right of Way										
Design/Surveying					\$5,000					\$5,000
Construction		\$100,700			\$53,000		\$47,700			\$100,700
Equipment and Furniture										
Contingency										
<b>TOTAL COSTS</b>	<b>\$0</b>	<b>\$100,700</b>	<b>\$0</b>	<b>\$0</b>	<b>\$58,000</b>	<b>\$0</b>	<b>\$47,700</b>	<b>\$0</b>	<b>\$0</b>	<b>\$105,700</b>

FUNDING SOURCES	TOTAL BUDGET	FY PROJECTED FUNDING SOURCES								PROJECT TOTAL
		TOTAL ESTIMATE	PRIOR YEARS	PROJECTED 2020	2021	2022	2023	2024	2025	
General Project Fund Revenue		\$100,700			\$58,000		\$47,700			\$105,700
Certificates of Obligation (CO)										
General Obligation Bonds (GO)										
New/Proposed CO Bonds										
New/Proposed GO Bonds										
W/S Revenue Bonds										
W/S Project Fund Revenue										
Impact Fees										
Sales Taxes										
Other Funding Sources <sup>1</sup> -										
<b>TOTAL SOURCES</b>	<b>\$0</b>	<b>\$100,700</b>	<b>\$0</b>	<b>\$0</b>	<b>\$58,000</b>	<b>\$0</b>	<b>\$47,700</b>	<b>\$0</b>	<b>\$0</b>	<b>\$105,700</b>

**Explain & Identify Type of Other Sources:**

Project Manager: Parks and Recreation Director

**CITY OF ALVIN  
2021 - 2025 CAPITAL IMPROVEMENT PROGRAM  
FACILITIES**

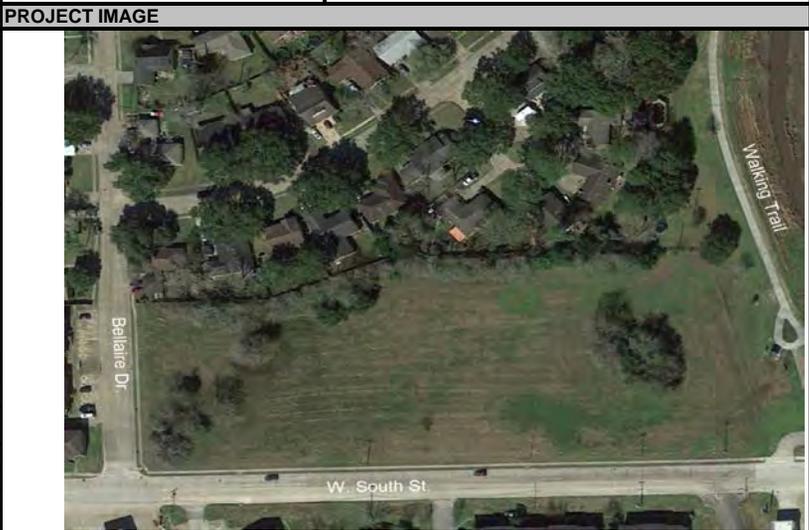
Project No.	Project Name	PRIOR YEARS	PROJECTED 2020	2021	2022	2023	2024	2025	Total	2021 - 2025 Allocation
FA1801	Fire / EMS Station	\$1,509,548	\$3,768,710	\$7,454,256	\$2,219,644				\$14,952,158	\$9,673,900
FA2001	City Hall	\$136,244	\$155,756	\$33,007	\$73,285	\$53,937	\$150,432	\$22,568	\$625,229	\$333,229
FA2002	City Shop			\$10,302	\$5,000	\$62,251	\$14,679		\$92,232	\$92,232
FA2003	Depot			\$26,000	\$10,000		\$19,817	\$18,700	\$74,517	\$74,517
FA2004	Fire Station #1			\$717,472	\$8,739	\$18,554	\$10,357	\$157,481	\$912,603	\$912,603
FA2005	Fire Station #2		\$4,626	\$13,414	\$2,993	\$17,000	\$17,000		\$55,033	\$50,407
FA2006	Fire Station #3			\$18,107	\$29,088	\$15,122	\$2,997	\$17,000	\$82,314	\$82,314
FA2007	Library		\$81,312	\$90,935	\$115,406	\$176,200	\$83,936		\$547,789	\$466,477
FA2008	Museum			\$44,306	\$11,620		\$56,525	\$85,088	\$197,539	\$197,539
FA2009	Police Department		\$180,306	\$51,763	\$180,229	\$123,568	\$213,255	\$5,183	\$754,304	\$573,998
FA2010	Public Services Facility			\$4,832	\$37,145	\$196,365	\$24,365	\$100,730	\$363,437	\$363,437
FA2011	Public Services Facility #2			\$147,240	\$47,993	\$19,535	\$74,743	\$32,347	\$321,858	\$321,858
FA2012	Senior Center			\$72,603	\$11,591	\$23,279	\$12,731	\$13,668	\$133,872	\$133,872
FA2013	Waste Water Treatment Plant			\$20,124	\$8,876	\$15,858	\$34,778	\$32,850	\$112,486	\$112,486
FA2101	EMS			\$20,500	\$40,094	\$191,336	\$23,633	\$36,667	\$312,230	\$312,230
FA2201	Animal Adoption Center				\$5,735		\$114,684		\$120,419	\$120,419
	<b>TOTAL USES</b>	<b>\$1,645,791</b>	<b>\$4,190,710</b>	<b>\$8,724,861</b>	<b>\$2,807,438</b>	<b>\$913,005</b>	<b>\$853,932</b>	<b>\$522,282</b>	<b>\$19,658,020</b>	<b>\$13,821,518</b>

**CITY OF ALVIN  
2021 - 2025 CAPITAL IMPROVEMENT PROGRAM  
FACILITIES**

<b>SOURCE OF FUNDS</b>	<b>PRIOR YEARS</b>	<b>PROJECTED 2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>Total</b>	<b>2021 - 2025 Allocation</b>
General Project Fund Revenue	\$667,796	\$553,662	\$599,722	\$573,744	\$838,204	\$946,196	\$623,218	\$4,802,542	\$3,581,084
Certificates of Obligation (CO)	\$977,996	\$3,551,110	\$7,454,256	\$2,219,644				\$14,203,006	\$9,673,900
General Obligation Bonds (GO)									
New/Proposed CO Bonds			\$652,472					\$652,472	\$652,472
New/Proposed GO Bonds									
W/S Revenue Bonds									
W/S Project Fund Revenue									
Impact Fees									
Sales Taxes									
Other Funding Sources									
<b>TOTAL SOURCES</b>	<b>\$1,645,792</b>	<b>\$4,104,772</b>	<b>\$8,706,450</b>	<b>\$2,793,388</b>	<b>\$838,204</b>	<b>\$946,196</b>	<b>\$623,218</b>	<b>\$19,658,020</b>	<b>\$13,907,456</b>

<b>USES</b>	<b>PRIOR YEARS</b>	<b>PROJECTED 2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>Total</b>	<b>2021 - 2025 Allocation</b>
Prelim. Engineering Report									
Land/Right of Way	\$380,682							\$380,682	
Design/Surveying	\$1,128,866	\$568,710	\$65,000					\$1,762,576	\$65,000
Construction	\$136,244	\$2,336,062	\$8,641,450	\$2,793,388	\$838,204	\$946,196	\$623,218	\$16,314,762	\$13,842,456
Equipment and Furniture		\$1,200,000						\$1,200,000	
Contingency									
<b>TOTAL USES</b>	<b>\$1,645,791</b>	<b>\$4,104,772</b>	<b>\$8,706,450</b>	<b>\$2,793,388</b>	<b>\$838,204</b>	<b>\$946,196</b>	<b>\$623,218</b>	<b>\$19,658,020</b>	<b>\$13,907,456</b>

**PROJECT DESCRIPTION**  
 This project is to design and construct a new Fire and Emergency Medical Services (EMS) Station on the 4.36 acre property at the corner of Bellaire Boulevard and South Street that was purchased in December 2017.



**PROJECT ORIGIN AND JUSTIFICATION**  
 The proposed combination facility would replace existing Fire Station #1 located at 302 W. House Street and the existing EMS Station located at 709 E. House Street. Compelling reasons to construct a new station include, but are not limited to, expanding service coverage to the south and east quarters of the Fire Department response territory, reducing response time, providing better access to the City's major thoroughfares, and increase geographical access to calls for service. The two existing stations lack sufficient windstorm ratings, have inadequate sleeping quarters for staff, have no room for future growth, are in poor physical condition (EMS Building), and have bays that are too small for the existing apparatus used.

**INCREMENTAL OPERATING AND MAINTENANCE COSTS**

**Impact on operating budget**       No       Yes (See Below)

Fiscal Year	2021	2022	2023	2024	2025
<b>Total Revenue</b>					
Personnel Services					
Operation & Maintenance	10,000.00	50,000.00			
Capital Outlay					
<b>Total Expense</b>					

PROJECT COSTS ALLOCATION	TOTAL BUDGET	FY PROJECTED ALLOCATIONS								PROJECT TOTAL
		TOTAL ESTIMATE	PRIOR YEARS	PROJECTED 2020	2021	2022	2023	2024	2025	
Prelim. Engineering Report										
Land/Right of Way	\$310,000	\$380,682	\$380,682							\$380,682
Design/Surveying	\$1,754,743	\$1,697,576	\$1,128,866	\$568,710						\$1,697,576
Construction	\$13,341,000	\$11,673,900		\$2,000,000	\$7,454,256	\$2,219,644				\$11,673,900
Equipment and Furniture				\$1,200,000						\$1,200,000
Contingency										
<b>TOTAL COSTS</b>	<b>\$15,405,743</b>	<b>\$13,752,158</b>	<b>\$1,509,548</b>	<b>\$3,768,710</b>	<b>\$7,454,256</b>	<b>\$2,219,644</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$14,952,158</b>

FUNDING SOURCES	TOTAL BUDGET	FY PROJECTED FUNDING SOURCES								PROJECT TOTAL
		TOTAL ESTIMATE	PRIOR YEARS	PROJECTED 2020	2021	2022	2023	2024	2025	
General Project Fund Revenue	\$1,210,743	\$531,552	\$531,552	\$217,600						\$749,152
Certificates of Obligation (CO)	\$14,195,000	\$13,220,606	\$977,996	\$3,551,110	\$7,454,256	\$2,219,644				\$14,203,006
General Obligation Bonds (GO)										
New/Proposed CO Bonds										
New/Proposed GO Bonds										
W/S Revenue Bonds										
W/S Project Fund Revenue										
Impact Fees										
Sales Taxes										
Other Funding Sources <sup>1</sup> -										
<b>TOTAL SOURCES</b>	<b>\$15,405,743</b>	<b>\$13,752,158</b>	<b>\$1,509,548</b>	<b>\$3,768,710</b>	<b>\$7,454,256</b>	<b>\$2,219,644</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$14,952,158</b>

**Explain & Identify Type of Other Sources:**      EMS Fund  
 \$1,600,000 is needed to balance out revenues and expenditures.

Project Manager: Fire Administrator / EMS Director

**PROJECT DESCRIPTION**  
 This building is approximately 16,277 square feet, located at 216 West Sealy Street and constructed in 1971.



**PROJECT ORIGIN AND JUSTIFICATION**  
 A Facility Condition Assessment was conducted in 2018 which included a twenty year forecast recommending repair/replacement of various building components based on the expected life span of those components. This five year capital improvement forecast consists of items from that list, including anticipated costs. 2020 - replace upper level roof, install building automated climate control (HVAC), re-work duct work (HVAC) 2021 - remove/replace exterior wall joints, replace five exhaust fans, repaint metal hand railing, replace defibrillator, replace toilet partitions. 2022 - replace carpet, repaint walls. 2023 - replace rubber stair treads, replace 48 windows and 9 entry doors and frames w/ energy efficient glass panes. 2024 - conversion of interior lighting from T-8 to LED. 2025 - Replace: 8-10 ton RTU, generator fuel storage tank, defibrillator.

**INCREMENTAL OPERATING AND MAINTENANCE COSTS**

Impact on operating budget  No  Yes (See Below)

Fiscal Year	2020	2021	2022	2023	2024
<b>Total Revenue</b>	-	-	-	-	-
Personnel Services					
Operation & Maintenance					
Capital Outlay					
<b>Total Expense</b>	\$ -	\$ -	\$ -	\$ -	\$ -

PROJECT COSTS ALLOCATION	TOTAL BUDGET	FY PROJECTED ALLOCATIONS								
		TOTAL ESTIMATE	PRIOR YEARS	PROJECTED 2020	2021	2022	2023	2024	2025	PROJECT TOTAL
Prelim. Engineering Report										
Land/Right of Way										
Design/Surveying										
Construction	\$142,000	\$475,229	\$136,244	\$155,756	\$33,007	\$73,285	\$53,937	\$150,432	\$22,568	\$625,229
Equipment and Furniture										
Contingency										
<b>TOTAL COSTS</b>		<b>\$475,229</b>	<b>\$136,244</b>	<b>\$155,756</b>	<b>\$33,007</b>	<b>\$73,285</b>	<b>\$53,937</b>	<b>\$150,432</b>	<b>\$22,568</b>	<b>\$625,229</b>

FUNDING SOURCES	TOTAL BUDGET	FY PROJECTED FUNDING SOURCES								
		TOTAL ESTIMATE	PRIOR YEARS	PROJECTED 2020	2021	2022	2023	2024	2025	PROJECT TOTAL
General Project Fund Revenue	\$142,000	\$475,229	\$136,244	\$155,756	\$33,007	\$73,285	\$53,937	\$150,432	\$22,568	\$625,229
Certificates of Obligation (CO)										
General Obligation Bonds (GO)										
New/Proposed CO Bonds										
New/Proposed GO Bonds										
W/S Revenue Bonds										
W/S Project Fund Revenue										
Impact Fees										
Sales Taxes										
Other Funding Sources <sup>1</sup> -										
<b>TOTAL SOURCES</b>	<b>\$142,000</b>	<b>\$475,229</b>	<b>\$136,244</b>	<b>\$155,756</b>	<b>\$33,007</b>	<b>\$73,285</b>	<b>\$53,937</b>	<b>\$150,432</b>	<b>\$22,568</b>	<b>\$625,229</b>

**1** Explain & Identify Type of Other Sources:

Project Manager: Parks and Recreation Director

**PROJECT DESCRIPTION**

This building is approximately 1,800 square feet, located at 1100 West Highway 6 and constructed in 1970.

**PROJECT IMAGE**



**PROJECT ORIGIN AND JUSTIFICATION**

A Facility Condition Assessment was conducted in 2018 which included a twenty year forecast recommending repair/replacement of various building components based on the expected life span of those components. This five year capital improvement forecast consists of items from that list, including anticipated costs. 2021 - replacement of windows, replacement of eye wash station, repair and paint interior walls and ceiling. 2022 - pressurewash/clean stone veneer 2023 - replacement of diesel generator. 2024 - replace 10HP Air Compressor.

**INCREMENTAL OPERATING AND MAINTENANCE COSTS**

**Impact on operating budget**       No       Yes (See Below)

Fiscal Year	2020	2021	2022	2023	2024
<b>Total Revenue</b>	-	-	-	-	-
Personnel Services					
Operation & Maintenance					
Capital Outlay					
<b>Total Expense</b>	\$ -	\$ -	\$ -	\$ -	\$ -

**PROJECT COSTS ALLOCATION**

PROJECT COSTS ALLOCATION	TOTAL BUDGET	FY PROJECTED ALLOCATIONS								PROJECT TOTAL
		TOTAL ESTIMATE	PRIOR YEARS	PROJECTED 2020	2021	2022	2023	2024	2025	
Prelim. Engineering Report										
Land/Right of Way										
Design/Surveying										
Construction		\$92,232	\$0	\$0	\$10,302	\$5,000	\$62,251	\$14,679		\$92,232
Equipment and Furniture										
Contingency										
<b>TOTAL COSTS</b>		<b>\$92,232</b>	<b>\$0</b>	<b>\$0</b>	<b>\$10,302</b>	<b>\$5,000</b>	<b>\$62,251</b>	<b>\$14,679</b>	<b>\$0</b>	<b>\$92,232</b>

**FUNDING SOURCES**

FUNDING SOURCES	TOTAL BUDGET	FY PROJECTED FUNDING SOURCES								PROJECT TOTAL
		TOTAL ESTIMATE	PRIOR YEARS	PROJECTED 2020	2021	2022	2023	2024	2025	
General Project Fund Revenue		\$92,232		\$0	\$10,302	\$5,000	\$62,251	\$14,679		\$92,232
Certificates of Obligation (CO)										
General Obligation Bonds (GO)										
New/Proposed CO Bonds										
New/Proposed GO Bonds										
W/S Revenue Bonds										
W/S Project Fund Revenue										
Impact Fees										
Sales Taxes										
Other Funding Sources <sup>1</sup> -										
<b>TOTAL SOURCES</b>	<b>\$0</b>	<b>\$92,232</b>	<b>\$0</b>	<b>\$0</b>	<b>\$10,302</b>	<b>\$5,000</b>	<b>\$62,251</b>	<b>\$14,679</b>	<b>\$0</b>	<b>\$92,232</b>

<sup>1</sup>Explain & Identify Type of Other Sources:

Project Manager: Parks and Recreation Director

**PROJECT DESCRIPTION**  
 This building is approximately 1,482 square feet, located at 200 Depot Centre Boulevard and constructed in 1910, renovated in 2004.



**PROJECT ORIGIN AND JUSTIFICATION**  
 A Facility Condition Assessment was conducted in 2018 which included a twenty year forecast recommending repair/replacement of various building components based on the expected life span of those components. This five year capital improvement forecast consists of items from that list, including anticipated costs. 2021 - prep & paint interior, remove & reinstall Christmas lights . 2022 - purchase and install decorative acoustical tile. 2024 - replace electric water heater, replace 1 of 2 split HVAC systems (AHU & CU). 2025 - replace 2 of 2 split HVAC system (AHU & CU), replace solid wood front door.

**INCREMENTAL OPERATING AND MAINTENANCE COSTS**

**Impact on operating budget**       No       Yes (See Below)

Fiscal Year	2020	2021	2022	2023	2024
<b>Total Revenue</b>	-	-	-	-	-
Personnel Services					
Operation & Maintenance					
Capital Outlay					
<b>Total Expense</b>	\$ -	\$ -	\$ -	\$ -	\$ -

PROJECT COSTS ALLOCATION	TOTAL BUDGET	FY PROJECTED ALLOCATIONS								PROJECT TOTAL
		TOTAL ESTIMATE	PRIOR YEARS	PROJECTED 2020	2021	2022	2023	2024	2025	
Prelim. Engineering Report										
Land/Right of Way										
Design/Surveying										
Construction	\$74,517	\$74,517			\$26,000	\$10,000	\$0	\$19,817	\$18,700	\$74,517
Equipment and Furniture										
Contingency										
<b>TOTAL COSTS</b>		\$74,517	\$0	\$0	\$26,000	\$10,000	\$0	\$19,817	\$18,700	\$74,517

FUNDING SOURCES	TOTAL BUDGET	FY PROJECTED FUNDING SOURCES								PROJECT TOTAL
		TOTAL ESTIMATE	PRIOR YEARS	PROJECTED 2020	2021	2022	2023	2024	2025	
General Project Fund Revenue	\$74,517	\$74,517			\$26,000	\$10,000		\$19,817	\$18,700	\$74,517
Certificates of Obligation (CO)										
General Obligation Bonds (GO)										
New/Proposed CO Bonds										
New/Proposed GO Bonds										
W/S Revenue Bonds										
W/S Project Fund Revenue										
Impact Fees										
Sales Taxes										
Other Funding Sources <sup>1</sup> -										
<b>TOTAL SOURCES</b>	\$74,517	\$74,517	\$0	\$0	\$26,000	\$10,000	\$0	\$19,817	\$18,700	\$74,517

**Explain & Identify Type of Other Sources:**

Project Manager: Parks and Recreation Director

**PROJECT DESCRIPTION**  
 This building is approximately 14,500 square feet, located at 302 West House Street and constructed in 1966.



**PROJECT ORIGIN AND JUSTIFICATION**  
 A Facility Condition Assessment was conducted in 2018 which included a twenty year forecast recommending repair/replacement of various building components based on the expected life span of those components. This five year capital improvement forecast consists of items from that list, including anticipated costs. 2021 - renovate to recreation center, replace 5 ton packaged unit (RTU), replace drinking fountain, replace exterior wall joint caulking. 2022 - replace toilet partitions, replace exhaust fan. 2023 - replace 8-10 ton packaged unit (RTU). 2024 - replace commercial refrigerator, replace ice maker. 2025 - replace built up roof.

<b>INCREMENTAL OPERATING AND MAINTENANCE COSTS</b>					
Impact on operating budget <input type="checkbox"/> No <input type="checkbox"/> Yes (See Below)					
Fiscal Year	2020	2021	2022	2023	2024
<b>Total Revenue</b>	-	-	-	-	-
Personnel Services					
Operation & Maintenance		6,000.00			
Capital Outlay					
<b>Total Expense</b>	\$ -	\$ 6,000.00	\$ -	\$ -	\$ -

PROJECT COSTS ALLOCATION	TOTAL BUDGET	FY PROJECTED ALLOCATIONS									PROJECT TOTAL
		TOTAL ESTIMATE	PRIOR YEARS	PROJECTED 2020	2021	2022	2023	2024	2025		
Prelim. Engineering Report											
Land/Right of Way											
Design/Surveying		\$65,000			\$65,000						\$65,000
Construction	\$0	\$847,602	\$0	\$0	\$652,472	\$8,739	\$18,554	\$10,357	\$157,481		\$847,603
Equipment and Furniture											
Contingency											
<b>TOTAL COSTS</b>		<b>\$912,602</b>	<b>\$0</b>	<b>\$0</b>	<b>\$717,472</b>	<b>\$8,739</b>	<b>\$18,554</b>	<b>\$10,357</b>	<b>\$157,481</b>		<b>\$912,603</b>

FUNDING SOURCES	TOTAL BUDGET	FY PROJECTED FUNDING SOURCES									PROJECT TOTAL
		TOTAL ESTIMATE	PRIOR YEARS	PROJECTED 2020	2021	2022	2023	2024	2025		
General Project Fund Revenue		\$65,000		\$0	\$65,000	\$8,739	\$18,554	\$10,357	\$157,481		\$260,131
Certificates of Obligation (CO)											
General Obligation Bonds (GO)											
New/Proposed CO Bonds		\$847,602			\$652,472						\$652,472
New/Proposed GO Bonds											
W/S Revenue Bonds											
W/S Project Fund Revenue											
Impact Fees											
Sales Taxes											
Other Funding Sources <sup>1</sup> -											
<b>TOTAL SOURCES</b>	<b>\$0</b>	<b>\$912,602</b>	<b>\$0</b>	<b>\$0</b>	<b>\$717,472</b>	<b>\$8,739</b>	<b>\$18,554</b>	<b>\$10,357</b>	<b>\$157,481</b>		<b>\$912,603</b>

<sup>1</sup>Explain & Identify Type of Other Sources:

Project Manager: Parks and Recreation Director

**PROJECT DESCRIPTION**  
 This building is approximately 3,600 square feet, located at 110 Medic Lane and constructed in 1986.



**PROJECT ORIGIN AND JUSTIFICATION**  
 A Facility Condition Assessment was conducted in 2018 which included a twenty year forecast recommending repair/replacement of various building components based on the expected life span of those components. This five year capital improvement forecast consists of items from that list, including anticipated costs. 2021 - replace exhaust fan 2022 - replace air handler with electric heater. 2023 - replace 4 exterior metal halide lights. 2024 - phase I upgrade interior lighting to LED. 2025 - phase II upgrade interior lighting to LED.

**INCREMENTAL OPERATING AND MAINTENANCE COSTS**

**Impact on operating budget**       No       Yes (See Below)

Fiscal Year	2020	2021	2022	2023	2024
<b>Total Revenue</b>	-	-	-	-	-
Personnel Services					
Operation & Maintenance					
Capital Outlay					
<b>Total Expense</b>	\$ -	\$ -	\$ -	\$ -	\$ -

PROJECT COSTS ALLOCATION	TOTAL BUDGET	FY PROJECTED ALLOCATIONS								
		TOTAL ESTIMATE	PRIOR YEARS	PROJECTED 2020	2021	2022	2023	2024	2025	PROJECT TOTAL
Prelim. Engineering Report										
Land/Right of Way										
Design/Surveying										
Construction	\$0	\$55,033	\$0	\$0	\$4,626	\$13,414	\$2,993	\$17,000	\$17,000	\$55,033
Equipment and Furniture										
Contingency										
<b>TOTAL COSTS</b>		<b>\$55,033</b>	<b>\$0</b>	<b>\$0</b>	<b>\$4,626</b>	<b>\$13,414</b>	<b>\$2,993</b>	<b>\$17,000</b>	<b>\$17,000</b>	<b>\$55,033</b>

FUNDING SOURCES	TOTAL BUDGET	FY PROJECTED FUNDING SOURCES								
		TOTAL ESTIMATE	PRIOR YEARS	PROJECTED 2020	2021	2022	2023	2024	2025	PROJECT TOTAL
General Project Fund Revenue	\$0	\$55,033		\$0	\$4,626	\$13,414	\$2,993	\$17,000	\$17,000	\$55,033
Certificates of Obligation (CO)										
General Obligation Bonds (GO)										
New/Proposed CO Bonds										
New/Proposed GO Bonds										
W/S Revenue Bonds										
W/S Project Fund Revenue										
Impact Fees										
Sales Taxes										
Other Funding Sources <sup>1</sup> -										
<b>TOTAL SOURCES</b>	<b>\$0</b>	<b>\$55,033</b>	<b>\$0</b>	<b>\$0</b>	<b>\$4,626</b>	<b>\$13,414</b>	<b>\$2,993</b>	<b>\$17,000</b>	<b>\$17,000</b>	<b>\$55,033</b>

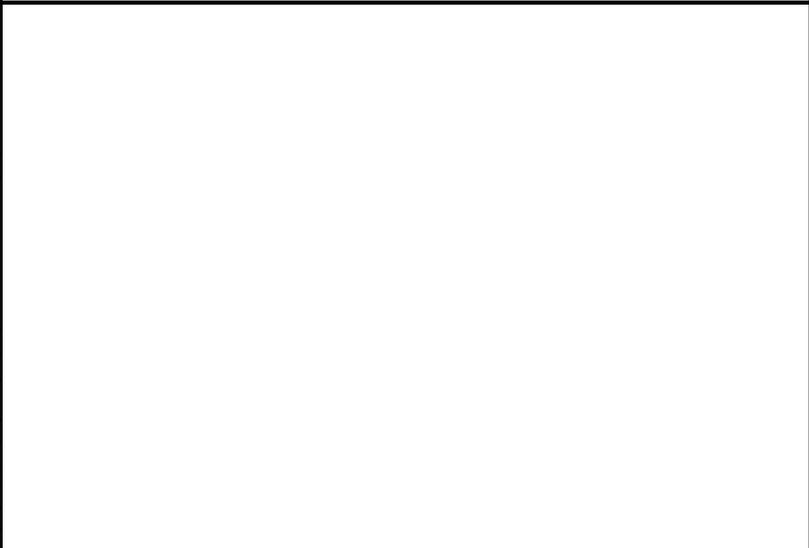
**Explain & Identify Type of Other Sources:**

Project Manager: Parks and Recreation Director

**PROJECT DESCRIPTION**

This building is approximately 6,300 square feet, located at 2700 FM 1462 and constructed in 2007.

**PROJECT IMAGE**



**PROJECT ORIGIN AND JUSTIFICATION**

A Facility Condition Assessment was conducted in 2018 which included a twenty year forecast recommending repair/replacement of various building components based on the expected life span of those components. This five year capital improvement forecast consists of items from that list, including anticipated costs. 2021 - interior walls prep and paint. 2022 - concrete floor prep and paint. 2023 - replace interior vinyl flooring. 2024 - replace water heater, replace drinking fountain. 2025 - replace 3 ton and 4 ton condensing units, replace two air handlers.

**INCREMENTAL OPERATING AND MAINTENANCE COSTS**

**Impact on operating budget**       No       Yes (See Below)

Fiscal Year	2020	2021	2022	2023	2024
<b>Total Revenue</b>	-	-	-	-	-
Personnel Services					
Operation & Maintenance					
Capital Outlay					
<b>Total Expense</b>	\$ -	\$ -	\$ -	\$ -	\$ -

**FY PROJECTED ALLOCATIONS**

PROJECT COSTS ALLOCATION	TOTAL BUDGET									PROJECT TOTAL
		TOTAL ESTIMATE	PRIOR YEARS	PROJECTED 2020	2021	2022	2023	2024	2025	
Prelim. Engineering Report										
Land/Right of Way										
Design/Surveying										
Construction	\$0	\$82,314		\$0	\$18,107	\$29,088	\$15,122	\$2,997	\$17,000	\$82,314
Equipment and Furniture										
Contingency										
<b>TOTAL COSTS</b>		<b>\$82,314</b>	<b>\$0</b>	<b>\$0</b>	<b>\$18,107</b>	<b>\$29,088</b>	<b>\$15,122</b>	<b>\$2,997</b>	<b>\$17,000</b>	<b>\$82,314</b>

**FY PROJECTED FUNDING SOURCES**

FUNDING SOURCES	TOTAL BUDGET									PROJECT TOTAL
		TOTAL ESTIMATE	PRIOR YEARS	PROJECTED 2020	2021	2022	2023	2024	2025	
General Project Fund Revenue		\$82,314		\$0	\$18,107	\$29,088	\$15,122	\$2,997	\$17,000	\$82,314
Certificates of Obligation (CO)										
General Obligation Bonds (GO)										
New/Proposed CO Bonds										
New/Proposed GO Bonds										
W/S Revenue Bonds										
W/S Project Fund Revenue										
Impact Fees										
Sales Taxes										
Other Funding Sources <sup>1</sup> -										
<b>TOTAL SOURCES</b>	<b>\$0</b>	<b>\$82,314</b>	<b>\$0</b>	<b>\$0</b>	<b>\$18,107</b>	<b>\$29,088</b>	<b>\$15,122</b>	<b>\$2,997</b>	<b>\$17,000</b>	<b>\$82,314</b>

<sup>1</sup>Explain & Identify Type of Other Sources:

Project Manager: Parks and Recreation Director

**PROJECT DESCRIPTION**  
 This building is approximately 18,164 square feet, located at 105 South Gordon Street and constructed in 1994.



**PROJECT ORIGIN AND JUSTIFICATION**  
 A Facility Condition Assessment was conducted in 2018 which included a twenty year forecast recommending repair/replacement of various building components based on the expected life span of those components. This five year capital improvement forecast consists of items from that list, including anticipated costs. 2021 - install surveillance system, replacement water heater. 2022 - replace 2 of 4 Package Units (RTU), prep & paint interior walls and ceiling, replace defibrillator. 2023 - replace marquee sign, replace toilet partitions, install wrought iron style gate at employee entrance, upgrade HVAC automated control. 2024 - replace carpet, phase I of interior lighting conversion from T-8 to LED. 2025 - phase II interior lighting conversion from T-8 to LED.

<b>INCREMENTAL OPERATING AND MAINTENANCE COSTS</b>					
Impact on operating budget <input type="checkbox"/> No <input type="checkbox"/> Yes (See Below)					
Fiscal Year	2020	2021	2022	2023	2024
<b>Total Revenue</b>	-	-	-	-	-
Personnel Services					
Operation & Maintenance					
Capital Outlay					
<b>Total Expense</b>	\$ -	\$ -	\$ -	\$ -	\$ -

PROJECT COSTS ALLOCATION	TOTAL BUDGET	FY PROJECTED ALLOCATIONS									PROJECT TOTAL
		TOTAL ESTIMATE	PRIOR YEARS	PROJECTED 2020	2021	2022	2023	2024	2025		
Prelim. Engineering Report											
Land/Right of Way											
Design/Surveying											
Construction	\$0	\$547,789			\$81,312	\$90,935	\$115,406	\$176,200	\$83,936	\$547,789	
Equipment and Furniture											
Contingency											
<b>TOTAL COSTS</b>		<b>\$547,789</b>	<b>\$0</b>	<b>\$0</b>	<b>\$81,312</b>	<b>\$90,935</b>	<b>\$115,406</b>	<b>\$176,200</b>	<b>\$83,936</b>	<b>\$547,789</b>	

FUNDING SOURCES	TOTAL BUDGET	FY PROJECTED FUNDING SOURCES									PROJECT TOTAL
		TOTAL ESTIMATE	PRIOR YEARS	PROJECTED 2020	2021	2022	2023	2024	2025		
General Project Fund Revenue		\$547,789			\$81,312	\$90,935	\$115,406	\$176,200	\$83,936	\$547,789	
Certificates of Obligation (CO)											
General Obligation Bonds (GO)											
New/Proposed CO Bonds											
New/Proposed GO Bonds											
W/S Revenue Bonds											
W/S Project Fund Revenue											
Impact Fees											
Sales Taxes											
Other Funding Sources <sup>1</sup> -											
<b>TOTAL SOURCES</b>	<b>\$0</b>	<b>\$547,789</b>	<b>\$0</b>	<b>\$0</b>	<b>\$81,312</b>	<b>\$90,935</b>	<b>\$115,406</b>	<b>\$176,200</b>	<b>\$83,936</b>	<b>\$547,789</b>	

**Explain & Identify Type of Other Sources:**

Project Manager: Parks and Recreation Director

**PROJECT DESCRIPTION**  
 This building is approximately 7,500 square feet, located at 302 West Sealy Street and constructed in 1940, renovated in 2003.



A Facility Condition Assessment was conducted in 2018 which included a twenty year forecast recommending repair/replacement of various building components based on the expected life span of those components. This five year capital improvement forecast consists of items from that list, including anticipated costs. 2021 - re-stripe handicapped parking space(s), repair stucco & concrete on exterior walls. 2022 - replace 3 exhaust fans, circulation pump, replace closed circuit cameras. 2024 - replace refrigerator, replace photosensor, time clock and dimming panel, replace 2 sump pumps, replace water heater, replace HVAC automated control. 2025 - replace variable air volume unit, replace package unit (RTU).

**INCREMENTAL OPERATING AND MAINTENANCE COSTS**

**Impact on operating budget**       No       Yes (See Below)

Fiscal Year	2020	2021	2022	2023	2024
<b>Total Revenue</b>	-	-	-	-	-
Personnel Services					
Operation & Maintenance					
Capital Outlay					
<b>Total Expense</b>	\$ -	\$ -	\$ -	\$ -	\$ -

PROJECT COSTS ALLOCATION	TOTAL BUDGET	FY PROJECTED ALLOCATIONS								
		TOTAL ESTIMATE	PRIOR YEARS	PROJECTED 2020	2021	2022	2023	2024	2025	PROJECT TOTAL
Prelim. Engineering Report										
Land/Right of Way										
Design/Surveying										
Construction	\$0	\$197,539		\$44,306	\$11,620	\$0	\$56,525	\$85,088	\$197,539	
Equipment and Furniture										
Contingency										
<b>TOTAL COSTS</b>		<b>\$197,539</b>	<b>\$0</b>	<b>\$0</b>	<b>\$44,306</b>	<b>\$11,620</b>	<b>\$0</b>	<b>\$56,525</b>	<b>\$85,088</b>	<b>\$197,539</b>

FUNDING SOURCES	TOTAL BUDGET	FY PROJECTED FUNDING SOURCES								
		TOTAL ESTIMATE	PRIOR YEARS	PROJECTED 2020	2021	2022	2023	2024	2025	PROJECT TOTAL
General Project Fund Revenue		\$197,539		\$0	\$44,306	\$11,620	\$0	\$56,525	\$85,088	\$197,539
Certificates of Obligation (CO)										
General Obligation Bonds (GO)										
New/Proposed CO Bonds										
New/Proposed GO Bonds										
W/S Revenue Bonds										
W/S Project Fund Revenue										
Impact Fees										
Sales Taxes										
Other Funding Sources <sup>1</sup> -										
<b>TOTAL SOURCES</b>	<b>\$0</b>	<b>\$197,539</b>	<b>\$0</b>	<b>\$0</b>	<b>\$44,306</b>	<b>\$11,620</b>	<b>\$0</b>	<b>\$56,525</b>	<b>\$85,088</b>	<b>\$197,539</b>

<sup>1</sup>Explain & Identify Type of Other Sources:

Project Manager: Parks and Recreation Director

<b>PROJECT NAME</b> Police Department	<b>PROJECT #</b> FA2009	<b>PAGE</b> 39
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**PROJECT DESCRIPTION**  
 This building is approximately 31,200 square feet, located at 1500 South Gordon Street and constructed in 1997.



**PROJECT ORIGIN AND JUSTIFICATION**  
 A Facility Condition Assessment was conducted in 2018 which included a twenty year forecast recommending repair/replacement of various building components based on the expected life span of those components. This five year capital improvement forecast consists of items from that list, including anticipated costs. 2020 - replace 100 Ton chiller and water distribution pump. 2021 - replace exterior wall joint caulking, replace 30-80 elec gallon water heater, replace 1 of 2 uninterruptible power supply 8kVA. 2022 - replace ice maker, replace toilet partitions, install HVAC automated control system. 2023 - replace two condensing units, VAV unit, two air handlers and four electric furnaces. 2024 - replace one air compressor one condensing unit and one elec heater, replace VFD 15 hp motor, replace all carpet. 2025 - replace generator fuel storage tank, defibrillator

**INCREMENTAL OPERATING AND MAINTENANCE COSTS**

Impact on operating budget  No  Yes (See Below)

Fiscal Year	2020	2021	2022	2023	2024
<b>Total Revenue</b>	-	-	-	-	-
Personnel Services					
Operation & Maintenance					
Capital Outlay					
<b>Total Expense</b>	\$ -	\$ -	\$ -	\$ -	\$ -

PROJECT COSTS ALLOCATION	TOTAL BUDGET	FY PROJECTED ALLOCATIONS									PROJECT TOTAL
		TOTAL ESTIMATE	PRIOR YEARS	PROJECTED 2020	2021	2022	2023	2024	2025		
Prelim. Engineering Report											
Land/Right of Way											
Design/Surveying											
Construction	\$212,832	\$786,830	\$0	\$180,306	\$51,763	\$180,229	\$123,568	\$213,255	\$5,183	\$754,304	
Equipment and Furniture											
Contingency											
<b>TOTAL COSTS</b>		<b>\$786,830</b>	<b>\$0</b>	<b>\$180,306</b>	<b>\$51,763</b>	<b>\$180,229</b>	<b>\$123,568</b>	<b>\$213,255</b>	<b>\$5,183</b>	<b>\$754,304</b>	

FUNDING SOURCES	TOTAL BUDGET	FY PROJECTED FUNDING SOURCES									PROJECT TOTAL
		TOTAL ESTIMATE	PRIOR YEARS	PROJECTED 2020	2021	2022	2023	2024	2025		
General Project Fund Revenue	\$212,832	\$786,830		\$180,306	\$51,763	\$180,229	\$123,568	\$213,255	\$5,183	\$754,304	
Certificates of Obligation (CO)											
General Obligation Bonds (GO)											
New/Proposed CO Bonds											
New/Proposed GO Bonds											
W/S Revenue Bonds											
W/S Project Fund Revenue											
Impact Fees											
Sales Taxes											
Other Funding Sources <sup>1</sup> -											
<b>TOTAL SOURCES</b>	<b>\$212,832</b>	<b>\$786,830</b>	<b>\$0</b>	<b>\$180,306</b>	<b>\$51,763</b>	<b>\$180,229</b>	<b>\$123,568</b>	<b>\$213,255</b>	<b>\$5,183</b>	<b>\$754,304</b>	

**Explain & Identify Type of Other Sources:**

Project Manager: Parks and Recreation Director

**PROJECT DESCRIPTION**  
 This building is approximately 23,713 square feet, located at 1100 West Highway 6 and constructed in 1970, renovated in 2012.



**PROJECT ORIGIN AND JUSTIFICATION**  
 A Facility Condition Assessment was conducted in 2018 which included a twenty year forecast recommending repair/replacement of various building components based on the expected life span of those components. This five year capital improvement forecast consists of items from that list, including anticipated costs. 2021 - re-stripe handicapped parking spaces, replace exhaust fan, replace . 2022 - replace 1.5 Ton condensing unit, replace 12 ton condensing unit, replace AHU, replace exhaust fan propeller. 2023 - replace gutters and downspouts, replace 2" brick 1-2 story brick veneer, replace water heater, replace defibrillator, interior wall painting. 2024 - replace 10 electric duct heaters. 2025 - replace windows and window frames with energy efficient, replace 7 electric distribution panels.

**INCREMENTAL OPERATING AND MAINTENANCE COSTS**

**Impact on operating budget**       No       Yes (See Below)

Fiscal Year	2020	2021	2022	2023	2024
<b>Total Revenue</b>	-	-	-	-	-
Personnel Services					
Operation & Maintenance					
Capital Outlay					
<b>Total Expense</b>	\$ -	\$ -	\$ -	\$ -	\$ -

PROJECT COSTS ALLOCATION	TOTAL BUDGET	FY PROJECTED ALLOCATIONS								PROJECT TOTAL
		TOTAL ESTIMATE	PRIOR YEARS	PROJECTED 2020	2021	2022	2023	2024	2025	
Prelim. Engineering Report										
Land/Right of Way										
Design/Surveying										
Construction	\$0	\$363,437	\$0	\$0	\$4,832	\$37,145	\$196,365	\$24,365	\$100,730	\$363,437
Equipment and Furniture										
Contingency										
<b>TOTAL COSTS</b>		<b>\$363,437</b>	<b>\$0</b>	<b>\$0</b>	<b>\$4,832</b>	<b>\$37,145</b>	<b>\$196,365</b>	<b>\$24,365</b>	<b>\$100,730</b>	<b>\$363,437</b>

FUNDING SOURCES	TOTAL BUDGET	FY PROJECTED FUNDING SOURCES								PROJECT TOTAL
		TOTAL ESTIMATE	PRIOR YEARS	PROJECTED 2020	2021	2022	2023	2024	2025	
General Project Fund Revenue	\$0	\$363,437		\$0	\$4,832	\$37,145	\$196,365	\$24,365	\$100,730	\$363,437
Certificates of Obligation (CO)										
General Obligation Bonds (GO)										
New/Proposed CO Bonds										
New/Proposed GO Bonds										
W/S Revenue Bonds										
W/S Project Fund Revenue										
Impact Fees										
Sales Taxes										
Other Funding Sources <sup>1</sup> -										
<b>TOTAL SOURCES</b>	<b>\$0</b>	<b>\$363,437</b>	<b>\$0</b>	<b>\$0</b>	<b>\$4,832</b>	<b>\$37,145</b>	<b>\$196,365</b>	<b>\$24,365</b>	<b>\$100,730</b>	<b>\$363,437</b>

**Explain & Identify Type of Other Sources:**

Project Manager: Parks and Recreation Director

**PROJECT DESCRIPTION**  
 This building is approximately 3,500 square feet, located at 800 Dyche Lane and constructed in 1984.



**PROJECT ORIGIN AND JUSTIFICATION**  
 A Facility Condition Assessment was conducted in 2018 which included a twenty year forecast recommending repair/replacement of various building components based on the expected life span of those components. This five year capital improvement forecast consists of items from that list, including anticipated costs. 2020 - replace restroom stall partitions, replace gutters and downspouts. 2021 - replace concrete driveway/approach and underground drain pipe + concrete sidewalk, replace exterior lighting, replace metal roof, gutters & downspouts, repair/replace metal exterior wall(s), replace 2 overhead aluminum roll up doors, replace interior carpet, vinyl tile & suspended ceiling. 2022 - prep & paint interior walls, replace 8 interior doors, renovate both restrooms, replace 1-30 gallon water heater. 2023 - replace 12 windows & frames with more energy efficient, repalce 4 exterior steel doors and frames 2024 - replace diesel generator, replace wooden fence & gate 2025- upgrade interior office lighting from T-8 to LED

**INCREMENTAL OPERATING AND MAINTENANCE COSTS**

**Impact on operating budget**       No       Yes (See Below)

Fiscal Year	2020	2021	2022	2023	2024
<b>Total Revenue</b>	-	-	-	-	-
Personnel Services	\$ -	-	-	-	-
Operation & Maintenance	-	-	-	-	-
Capital Outlay	-	-	-	-	-
<b>Total Expense</b>	\$ -	\$ -	\$ -	\$ -	\$ -

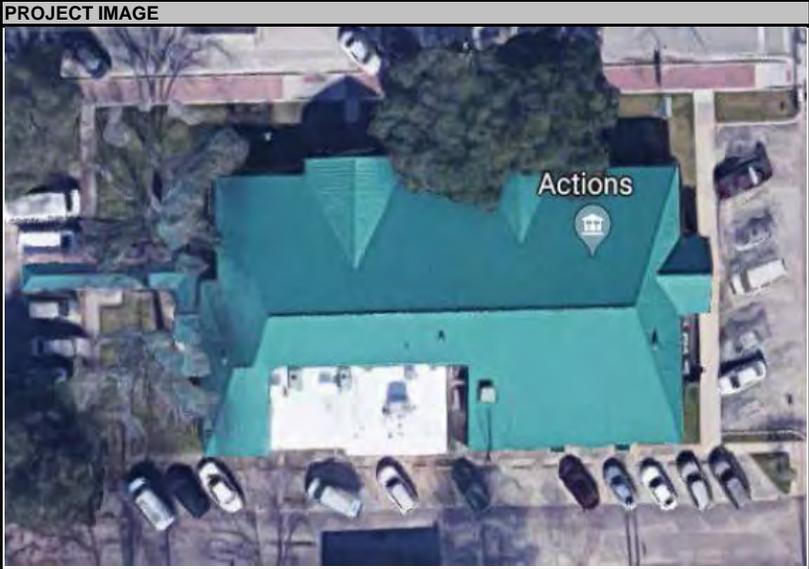
PROJECT COSTS ALLOCATION	TOTAL BUDGET	FY PROJECTED ALLOCATIONS									PROJECT TOTAL
		TOTAL ESTIMATE	PRIOR YEARS	PROJECTED 2020	2021	2022	2023	2024	2025		
Prelim. Engineering Report											
Land/Right of Way											
Design/Surveying											
Construction	\$88,823	\$321,858	\$0	\$0	\$147,240	\$47,993	\$19,535	\$74,743	\$32,347	\$321,858	
Equipment and Furniture											
Contingency											
<b>TOTAL COSTS</b>		<b>\$321,858</b>	<b>\$0</b>	<b>\$0</b>	<b>\$147,240</b>	<b>\$47,993</b>	<b>\$19,535</b>	<b>\$74,743</b>	<b>\$32,347</b>	<b>\$321,858</b>	

FUNDING SOURCES	TOTAL BUDGET	FY PROJECTED FUNDING SOURCES									PROJECT TOTAL
		TOTAL ESTIMATE	PRIOR YEARS	PROJECTED 2020	2021	2022	2023	2024	2025		
General Project Fund Revenue	\$88,823	\$321,858		\$0	\$147,240	\$47,993	\$19,535	\$74,743	\$32,347	\$321,858	
Certificates of Obligation (CO)											
General Obligation Bonds (GO)											
New/Proposed CO Bonds											
New/Proposed GO Bonds											
W/S Revenue Bonds											
W/S Project Fund Revenue											
Impact Fees											
Sales Taxes											
Other Funding Sources <sup>1</sup> -											
<b>TOTAL SOURCES</b>	<b>\$88,823</b>	<b>\$321,858</b>	<b>\$0</b>	<b>\$0</b>	<b>\$147,240</b>	<b>\$47,993</b>	<b>\$19,535</b>	<b>\$74,743</b>	<b>\$32,347</b>	<b>\$321,858</b>	

<sup>1</sup>Explain & Identify Type of Other Sources:

Project Manager: Parks and Recreation Director

**PROJECT DESCRIPTION**  
 This building is approximately 10,000 square feet, located at 309 West Sealy Street and constructed in 1940 renovated in 1997.



**PROJECT ORIGIN AND JUSTIFICATION**  
 A Facility Condition Assessment was conducted in 2018 which included a twenty year forecast recommending repair/replacement of various building components based on the expected life span of those components. This five year capital improvement forecast consists of items from that list, including anticipated costs. 2021 - install HVAC automated control, replace exterior wall joint caulking, install automatic door opener east and west side restrooms (4). 2022 - replace 7.5 ton condensing unit. 2023 - replace 16 ton condensing unit. 2024 - replace marquee sign, replace 3.5 ton condensing unit 2025 - replace 3 exhaust fans, replace 2 gas furnaces.

<b>INCREMENTAL OPERATING AND MAINTENANCE COSTS</b>					
<b>Impact on operating budget</b> <input type="checkbox"/> No <input type="checkbox"/> Yes (See Below)					
Fiscal Year	2020	2021	2022	2023	2024
<b>Total Revenue</b>	-	-	-	-	-
Personnel Services					
Operation & Maintenance					
Capital Outlay					
<b>Total Expense</b>	\$ -	\$ -	\$ -	\$ -	\$ -

PROJECT COSTS ALLOCATION	TOTAL BUDGET	FY PROJECTED ALLOCATIONS									PROJECT TOTAL
		TOTAL ESTIMATE	PRIOR YEARS	PROJECTED 2020	2021	2022	2023	2024	2025		
Prelim. Engineering Report											
Land/Right of Way											
Design/Surveying											
Construction	\$0	\$132,810	\$0	\$0	\$72,603	\$11,591	\$23,279	\$12,731	\$13,668	\$133,872	
Equipment and Furniture											
Contingency											
<b>TOTAL COSTS</b>		<b>\$132,810</b>	<b>\$0</b>	<b>\$0</b>	<b>\$72,603</b>	<b>\$11,591</b>	<b>\$23,279</b>	<b>\$12,731</b>	<b>\$13,668</b>	<b>\$133,872</b>	

FUNDING SOURCES	TOTAL BUDGET	FY PROJECTED FUNDING SOURCES									PROJECT TOTAL
		TOTAL ESTIMATE	PRIOR YEARS	PROJECTED 2020	2021	2022	2023	2024	2025		
General Project Fund Revenue	\$0	\$132,810		\$0	\$72,603	\$11,591	\$23,279	\$12,731	\$13,668	\$133,872	
Certificates of Obligation (CO)											
General Obligation Bonds (GO)											
New/Proposed CO Bonds											
New/Proposed GO Bonds											
W/S Revenue Bonds											
W/S Project Fund Revenue											
Impact Fees											
Sales Taxes											
Other Funding Sources <sup>1</sup> -											
<b>TOTAL SOURCES</b>	<b>\$0</b>	<b>\$132,810</b>	<b>\$0</b>	<b>\$0</b>	<b>\$72,603</b>	<b>\$11,591</b>	<b>\$23,279</b>	<b>\$12,731</b>	<b>\$13,668</b>	<b>\$133,872</b>	

**Explain & Identify Type of Other Sources:**

Project Manager: Parks and Recreation Director

**PROJECT DESCRIPTION**  
 This building is approximately 8,000 square feet, located at 7100 County Road 150 and constructed in 1997.



**PROJECT ORIGIN AND JUSTIFICATION**  
 A Facility Condition Assessment was conducted in 2018 which included a twenty year forecast recommending repair/replacement of various building components based on the expected life span of those components. This five year capital improvement forecast consists of items from that list, including anticipated costs. 2021 - replace fiberglass shower & toilet partitions, replace 10 ton Condensing Unit. 2022 - replace 6 150W metal halide w/ LED fixtures, emergency shower, sink, 4 emergency exit signs w/ lamps, 2023 - prep & paint interior walls and ceiling, replace ceiling tile. 2024 - upgrade surveillance system. 2025 - replace 75HP blower/air mixing

**INCREMENTAL OPERATING AND MAINTENANCE COSTS**

**Impact on operating budget**       No       Yes (See Below)

Fiscal Year	2020	2021	2022	2023	2024
<b>Total Revenue</b>	-	-	-	-	-
Personnel Services					
Operation & Maintenance					
Capital Outlay					
<b>Total Expense</b>	\$ -	\$ -	\$ -	\$ -	\$ -

PROJECT COSTS ALLOCATION	TOTAL BUDGET	FY PROJECTED ALLOCATIONS								PROJECT TOTAL
		TOTAL ESTIMATE	PRIOR YEARS	PROJECTED 2020	2021	2022	2023	2024	2025	
Prelim. Engineering Report										
Land/Right of Way										
Design/Surveying										
Construction	\$0	\$112,486		\$0	\$20,124	\$8,876	\$15,858	\$34,778	\$32,850	\$112,486
Equipment and Furniture										
Contingency										
<b>TOTAL COSTS</b>		\$112,486	\$0	\$0	\$20,124	\$8,876	\$15,858	\$34,778	\$32,850	\$112,486

FUNDING SOURCES	TOTAL BUDGET	FY PROJECTED FUNDING SOURCES								PROJECT TOTAL
		TOTAL ESTIMATE	PRIOR YEARS	PROJECTED 2020	2021	2022	2023	2024	2025	
General Project Fund Revenue		\$112,486		\$0	\$20,124	\$8,876	\$15,858	\$34,778	\$32,850	\$112,486
Certificates of Obligation (CO)										
General Obligation Bonds (GO)										
New/Proposed CO Bonds										
New/Proposed GO Bonds										
W/S Revenue Bonds										
W/S Project Fund Revenue										
Impact Fees										
Sales Taxes										
Other Funding Sources <sup>1</sup> -										
<b>TOTAL SOURCES</b>	\$0	\$112,486	\$0	\$0	\$20,124	\$8,876	\$15,858	\$34,778	\$32,850	\$112,486

**Explain & Identify Type of Other Sources:**

Project Manager: Parks and Recreation Director

**PROJECT DESCRIPTION**  
 This building is approximately 6,000 square feet, located at 709 East House Street and constructed in 1981. EMS will re-locate to the new Fire/EMS station. Page 16 recommends Praire Dog Park expansion w/ demolition of this building. If re-purposed for City use, the following 5 year forecast should be considered.



**PROJECT ORIGIN AND JUSTIFICATION**  
 A Facility Condition Assessment was conducted in 2018 which included a twenty year forecast recommending repair/replacement of various building components based on the expected life span of those components. This five year capital improvement forecast consists of items from that list with anticipated costs. 2021 - replace exhaust fan, replace 2kW elec heater, replace interior vinyl flooring, patch and paint interior walls. 2022 - replace gutters and downspouts, replace overhead doors, replace 4 ton condensing unit, repaint interior walls, replace carpet, replace washing machine. 2023 - replace 4 exterior light fixtures, replace 3,000 sq ft of exterior steel wall, replace interior wood stairs, replace 14 vinyl-clad double glazed windows, replace exterior aluminum door, replace 2.5 ton condensing unit, replace air handler, replace 2 elec distribution panels, replace 6 interior doors. 2024 - replace clothes dryer, replace 8 florescent lights, repaint exterior walls, replace exterior metal stairs, replace 4 infrared gas heaters. 2025 - replace wooden fence

**INCREMENTAL OPERATING AND MAINTENANCE COSTS**

**Impact on operating budget**       No       Yes (See Below)

Fiscal Year	2020	2021	2022	2023	2024
<b>Total Revenue</b>	-	-	-	-	-
Personnel Services					
Operation & Maintenance					
Capital Outlay					
<b>Total Expense</b>	\$ -	\$ -	\$ -	\$ -	\$ -

PROJECT COSTS ALLOCATION	TOTAL BUDGET	FY PROJECTED ALLOCATIONS								PROJECT TOTAL	
		TOTAL ESTIMATE	PRIOR YEARS	PROJECTED 2020	2021	2022	2023	2024	2025		
Prelim. Engineering Report											
Land/Right of Way											
Design/Surveying											
Construction	\$275,563	\$312,230		\$0	\$20,500	\$40,094	\$191,336	\$23,633	\$36,667	\$312,230	
Equipment and Furniture											
Contingency											
<b>TOTAL COSTS</b>		<b>\$312,230</b>		<b>\$0</b>	<b>\$0</b>	<b>\$20,500</b>	<b>\$40,094</b>	<b>\$191,336</b>	<b>\$23,633</b>	<b>\$36,667</b>	<b>\$312,230</b>

FUNDING SOURCES	TOTAL BUDGET	FY PROJECTED FUNDING SOURCES								PROJECT TOTAL	
		TOTAL ESTIMATE	PRIOR YEARS	PROJECTED 2020	2021	2022	2023	2024	2025		
General Project Fund Revenue	\$275,563	\$312,230			\$20,500	\$40,094	\$191,336	\$23,633	\$36,667	\$312,230	
Certificates of Obligation (CO)											
General Obligation Bonds (GO)											
New/Proposed CO Bonds											
New/Proposed GO Bonds											
W/S Revenue Bonds											
W/S Project Fund Revenue											
Impact Fees											
Sales Taxes											
Other Funding Sources <sup>1</sup> -											
<b>TOTAL SOURCES</b>	<b>\$275,563</b>	<b>\$312,230</b>		<b>\$0</b>	<b>\$0</b>	<b>\$20,500</b>	<b>\$40,094</b>	<b>\$191,336</b>	<b>\$23,633</b>	<b>\$36,667</b>	<b>\$312,230</b>

**Explain & Identify Type of Other Sources:**

Project Manager: Parks and Recreation Director

**PROJECT DESCRIPTION**  
 This building is approximately 6,625 square feet, located at 550 West Highway 6 and constructed in 2014.



**PROJECT ORIGIN AND JUSTIFICATION**  
 A Facility Condition Assessment was conducted in 2018 which included a twenty year forecast recommending repair/replacement of various building components based on the expected life span of those components. This five year capital improvement forecast consists of items from that list, including anticipated costs. 2022 - repair/repaint interior walls, 2024 - replace drinking fountain, replacement of emergency exit system, replace elastomeric floor coating, repair/repaint ceiling, replace commercial washing machine, and replace dishwasher.

**INCREMENTAL OPERATING AND MAINTENANCE COSTS**

**Impact on operating budget**       No       Yes (See Below)

Fiscal Year	2020	2021	2022	2023	2024
<b>Total Revenue</b>	-	-	-	-	-
Personnel Services					
Operation & Maintenance					
Capital Outlay					
<b>Total Expense</b>	\$ -	\$ -	\$ -	\$ -	\$ -

PROJECT COSTS ALLOCATION	TOTAL BUDGET	FY PROJECTED ALLOCATIONS								PROJECT TOTAL
		TOTAL ESTIMATE	PRIOR YEARS	PROJECTED 2020	2021	2022	2023	2024	2025	
Prelim. Engineering Report										
Land/Right of Way										
Design/Surveying										
Construction	\$0	\$120,419	\$0	\$0	\$0	\$5,735		\$114,684	\$0	\$120,419
Equipment and Furniture										
Contingency										
<b>TOTAL COSTS</b>		<b>\$120,419</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$5,735</b>	<b>\$0</b>	<b>\$114,684</b>	<b>\$0</b>	<b>\$120,419</b>

FUNDING SOURCES	TOTAL BUDGET	FY PROJECTED FUNDING SOURCES								PROJECT TOTAL
		TOTAL ESTIMATE	PRIOR YEARS	PROJECTED 2020	2021	2022	2023	2024	2025	
General Project Fund Revenue		\$120,419				\$5,735		\$114,684		\$120,419
Certificates of Obligation (CO)										
General Obligation Bonds (GO)										
New/Proposed CO Bonds										
New/Proposed GO Bonds										
W/S Revenue Bonds										
W/S Project Fund Revenue										
Impact Fees										
Sales Taxes										
Other Funding Sources <sup>1</sup> -										
<b>TOTAL SOURCES</b>	<b>\$0</b>	<b>\$120,419</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$5,735</b>	<b>\$0</b>	<b>\$114,684</b>	<b>\$0</b>	<b>\$120,419</b>

**1** Explain & Identify Type of Other Sources:

Project Manager: Parks and Recreation Director

**CITY OF ALVIN  
2021 - 2025 CAPITAL IMPROVEMENT PROGRAM  
STREETS**

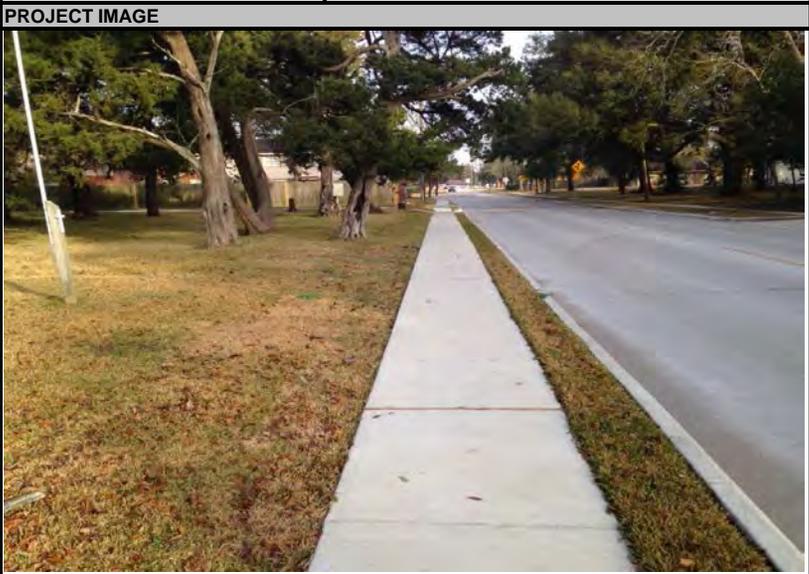
<b>Project No.</b>	<b>Project Name</b>	<b>PRIOR YEARS</b>	<b>PROJECTED 2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>Total</b>	<b>2021 - 2025 Allocation</b>
ST1801	Sidewalk Program	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$1,750,000	\$1,250,000
ST1803	FM 528 Extension	\$986,933	\$199,420	\$15,100,000					\$16,286,353	\$15,100,000
ST1804	Concrete Pavement Program	\$500,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$6,500,000	\$5,000,000
ST1805	Wayfinding Signs Project	\$49,500	\$105,500	\$75,000					\$230,000	\$75,000
ST1901	Asphalt Pavement Program	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$3,500,000	\$2,500,000
ST2001	Alvin Parkway Signage Project			\$50,000	\$50,000	\$50,000			\$150,000	\$150,000
	<b>TOTAL USES</b>	<b>\$2,286,433</b>	<b>\$2,054,920</b>	<b>\$16,975,000</b>	<b>\$1,800,000</b>	<b>\$1,800,000</b>	<b>\$1,750,000</b>	<b>\$1,750,000</b>	<b>\$28,416,353</b>	<b>\$24,075,000</b>

**CITY OF ALVIN  
2021 - 2025 CAPITAL IMPROVEMENT PROGRAM  
STREETS**

SOURCE OF FUNDS	PRIOR YEARS	PROJECTED 2020	2021	2022	2023	2024	2025	Total	2021 - 2025 Allocation
General Project Fund Revenue	\$49,500		\$50,000	\$50,000	\$50,000			\$199,500	\$150,000
Certificates of Obligation (CO)									
General Obligation Bonds (GO)									
New/Proposed CO Bonds									
New/Proposed GO Bonds									
W/S Revenue Bonds									
W/S Project Fund Revenue									
Impact Fees									
Sales Taxes	\$2,236,933	\$1,949,420	\$1,750,000	\$1,750,000	\$1,750,000	\$1,750,000	\$1,750,000	\$12,936,353	\$8,750,000
Other Funding Sources		\$105,500	\$15,175,000					\$15,280,500	\$15,175,000
<b>TOTAL SOURCES</b>	<b>\$2,286,433</b>	<b>\$2,054,920</b>	<b>\$16,975,000</b>	<b>\$1,800,000</b>	<b>\$1,800,000</b>	<b>\$1,750,000</b>	<b>\$1,750,000</b>	<b>\$28,416,353</b>	<b>\$24,075,000</b>

USES	PRIOR YEARS	PROJECTED 2020	2021	2022	2023	2024	2025	Total	2021 - 2025 Allocation
Prelim. Engineering Report									
Land/Right of Way									
Design/Surveying	\$1,036,433	\$199,420						\$1,235,853	
Construction	\$1,250,000	\$1,855,500	16,975,000	\$1,800,000	\$1,800,000	\$1,750,000	\$1,750,000	\$27,180,500	\$24,075,000
Equipment and Furniture									
Contingency									
<b>TOTAL USES</b>	<b>\$2,286,433</b>	<b>\$2,054,920</b>	<b>\$16,975,000</b>	<b>\$1,800,000</b>	<b>\$1,800,000</b>	<b>\$1,750,000</b>	<b>\$1,750,000</b>	<b>\$28,416,353</b>	<b>\$24,075,000</b>

**PROJECT DESCRIPTION**  
 This program is intended to provide adequate pedestrian access throughout Alvin where pedestrians are frequently observed. Concrete sidewalks will be installed and repaired in compliance with Americans with Disabilities Act (ADA) requirements.



**PROJECT JUSTIFICATION**  
 To provide adequate pedestrian access as proposed in the 2035 Comprehensive Plan to increase the City's walkability.

**INCREMENTAL OPERATING AND MAINTENANCE COSTS**

**Impact on operating budget**       No       Yes (See Below)

Fiscal Year	2020	2021	2022	2023	2024
<b>Total Revenue</b>					
Personnel Services					
Operation & Maintenance					
Capital Outlay					
<b>Total Expense</b>					
<b>FTE Staff Total</b>					

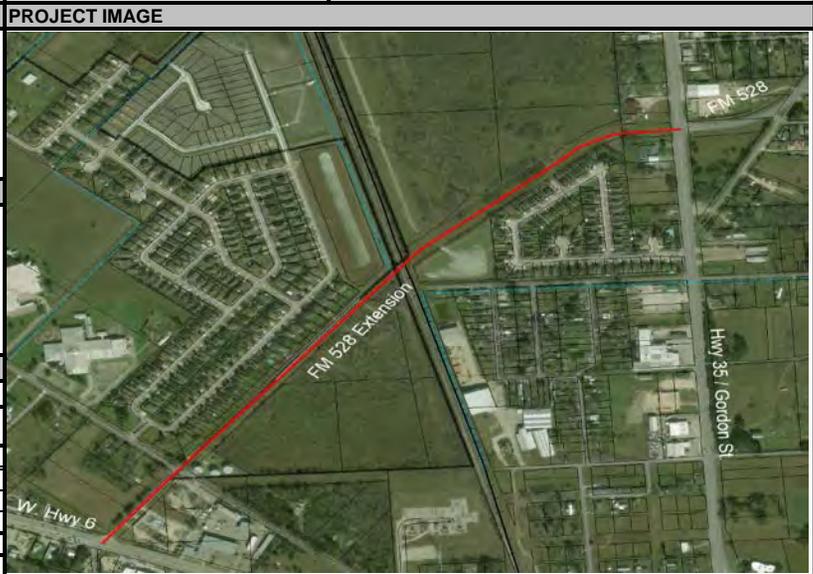
PROJECT COSTS ALLOCATION	TOTAL BUDGET	FY PROJECTED ALLOCATIONS								PROJECT TOTAL
		TOTAL ESTIMATE	PRIOR YEARS	PROJECTED 2020	2021	2022	2023	2024	2025	
Prelim. Engineering Report										
Land/Right of Way										
Design/Surveying										
Construction	\$1,500,000	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$1,750,000
Equipment and Furniture										
Contingency										
<b>TOTAL COSTS</b>	<b>\$1,500,000</b>	<b>\$250,000</b>	<b>\$250,000</b>	<b>\$250,000</b>	<b>\$250,000</b>	<b>\$250,000</b>	<b>\$250,000</b>	<b>\$250,000</b>	<b>\$250,000</b>	<b>\$1,750,000</b>

FUNDING SOURCES	TOTAL BUDGET	FY PROJECTED FUNDING SOURCES								PROJECT TOTAL
		TOTAL ESTIMATE	PRIOR YEARS	PROJECTED 2020	2021	2022	2023	2024	2025	
General Project Fund Revenue										
Certificates of Obligation (CO)										
General Obligation Bonds (GO)										
New/Proposed CO Bonds										
New/Proposed GO Bonds										
W/S Revenue Bonds										
W/S Project Fund Revenue										
Impact Fees										
Sales Taxes	\$1,500,000	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$1,750,000
Other Funding Sources <sup>1</sup> -										
<b>TOTAL SOURCES</b>	<b>\$1,500,000</b>	<b>\$250,000</b>	<b>\$250,000</b>	<b>\$250,000</b>	<b>\$250,000</b>	<b>\$250,000</b>	<b>\$250,000</b>	<b>\$250,000</b>	<b>\$250,000</b>	<b>\$1,750,000</b>

**Explain & Identify Type of Other Sources:**

Project Manager: City Engineer

**PROJECT DESCRIPTION**  
 This project involves the design and construction of the extension of FM 528 from Gordon Street to Highway 6 along the right-of-way that has been acquired in the last ten plus years. The final environmental study for the project alignment was completed by TXDOT in 2016 and TXDOT submitted an application for funding of the construction of the project through the Transportation Improvement Program's (TIP) "2018 Call For Projects" in October 2018. The project was not selected for TIP funding. The majority of the construction cost for the project comes from the construction of the bridge over the railroad tracks.



**PROJECT JUSTIFICATION**  
 Completion of this project will help to relieve traffic congestion at the Gordon Street and Highway 6 intersection, as well as, provide a secondary evacuation route over the railroad tracks in the event that the railroad underpass along Highway 6 floods.

**INCREMENTAL OPERATING AND MAINTENANCE COSTS**

**Impact on operating budget**       No       Yes (See Below)

Fiscal Year	2020	2021	2022	2023	2024
<b>Total Revenue</b>					
Personnel Services					
Operation & Maintenance					
Capital Outlay					
<b>Total Expense</b>					
<b>FTE Staff Total</b>					

PROJECT COSTS ALLOCATION	TOTAL BUDGET	FY PROJECTED ALLOCATIONS								PROJECT TOTAL
		TOTAL ESTIMATE	PRIOR YEARS	PROEJCTED 2020	2021	2022	2023	2024	2025	
Prelim. Engineering Report										
Land/Right of Way										
Design/Surveying	\$1,186,353	\$1,186,353	\$986,933	\$199,420						\$1,186,353
Construction		\$15,100,000			\$15,100,000					\$15,100,000
Equipment and Furniture										
Contingency										
<b>TOTAL COSTS</b>	<b>\$1,186,353</b>	<b>\$16,286,353</b>	<b>\$986,933</b>	<b>\$199,420</b>	<b>\$15,100,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$16,286,353</b>

FUNDING SOURCES	TOTAL BUDGET	FY PROJECTED FUNDING SOURCES								PROJECT TOTAL
		TOTAL ESTIMATE	PRIOR YEARS	PROEJCTED 2020	2021	2022	2023	2024	2025	
General Project Fund Revenue										
Certificates of Obligation (CO)										
General Obligation Bonds (GO)										
New/Proposed CO Bonds										
New/Proposed GO Bonds										
W/S Revenue Bonds										
W/S Project Fund Revenue										
Impact Fees										
Sales Taxes	\$1,186,353	\$1,186,353	\$986,933	\$199,420						\$1,186,353
Other Funding Sources <sup>1</sup> -		\$15,100,000			\$15,100,000					\$15,100,000
<b>TOTAL SOURCES</b>	<b>\$1,186,353</b>	<b>\$16,286,353</b>	<b>\$986,933</b>	<b>\$199,420</b>	<b>\$15,100,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$16,286,353</b>

**Explain & Identify Type of Other Sources:** Brazoria County (10%), Federal Funding (80%) through the Transportation Improvement Program (TIP)

Project Manager: City Engineer

**PROJECT DESCRIPTION**  
 This program includes the repair and / or removal and replacement of concrete pavement and the installation of associated storm pipes, inlets, manholes and sidewalks. Each year the project locations will be determined based on the recommendations from the 2013 Concrete Street Assessment by JET Civil Consulting.



**PROJECT JUSTIFICATION**  
 To improve existing concrete infrastructure.

**INCREMENTAL OPERATING AND MAINTENANCE COSTS**

**Impact on operating budget**       No       Yes (See Below)

Fiscal Year	2020	2021	2022	2023	2024
<b>Total Revenue</b>					
Personnel Services					
Operation & Maintenance					
Capital Outlay					
<b>Total Expense</b>					

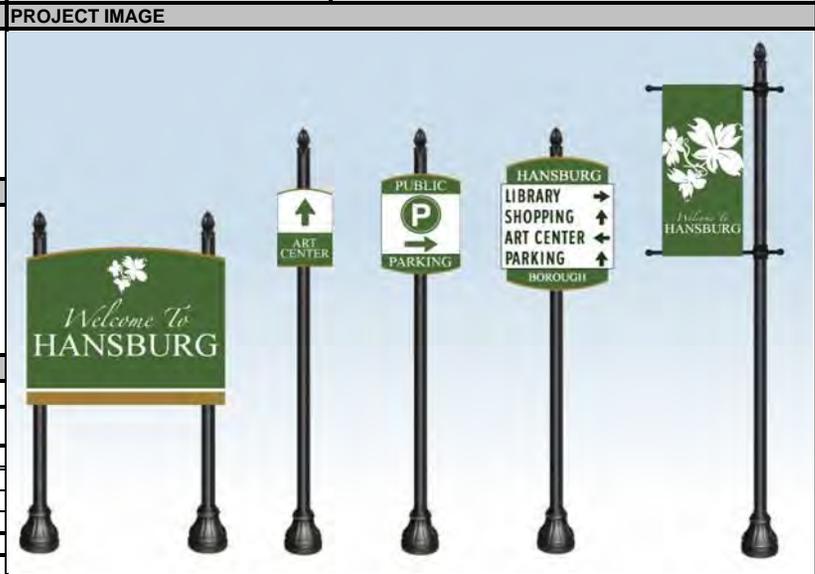
PROJECT COSTS ALLOCATION	TOTAL BUDGET	FY PROJECTED ALLOCATIONS								PROJECT TOTAL
		TOTAL ESTIMATE	PRIOR YEARS	PROJECTED 2020	2021	2022	2023	2024	2025	
Prelim. Engineering Report										
Land/Right of Way										
Design/Surveying										
Construction		\$500,000	\$500,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$6,500,000
Equipment and Furniture										
Contingency										
<b>TOTAL COSTS</b>	<b>\$0</b>	<b>\$500,000</b>	<b>\$500,000</b>	<b>\$1,000,000</b>	<b>\$1,000,000</b>	<b>\$1,000,000</b>	<b>\$1,000,000</b>	<b>\$1,000,000</b>	<b>\$1,000,000</b>	<b>\$6,500,000</b>

FUNDING SOURCES	TOTAL BUDGET	FY PROJECTED FUNDING SOURCES								PROJECT TOTAL
		TOTAL ESTIMATE	PRIOR YEARS	PROJECTED 2020	2021	2022	2023	2024	2025	
General Project Fund Revenue										
Certificates of Obligation (CO)										
General Obligation Bonds (GO)										
New/Proposed CO Bonds										
New/Proposed GO Bonds										
W/S Revenue Bonds										
W/S Project Fund Revenue										
Impact Fees										
Sales Taxes		\$500,000	\$500,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$6,500,000
Other Funding Sources <sup>1</sup> -										
<b>TOTAL SOURCES</b>	<b>\$0</b>	<b>\$500,000</b>	<b>\$500,000</b>	<b>\$1,000,000</b>	<b>\$1,000,000</b>	<b>\$1,000,000</b>	<b>\$1,000,000</b>	<b>\$1,000,000</b>	<b>\$1,000,000</b>	<b>\$6,500,000</b>

**1** Explain & Identify Type of Other Sources:

Project Manager: City Engineer

**PROJECT DESCRIPTION**  
 Wayfinding is a way to use signage to direct people, both drivers and pedestrians, to locations of interest in our city. This can include public places and buildings, library, museum, downtown, and other points of interest. The location will be at various places throughout the corporate city limits.



**PROJECT ORIGIN AND JUSTIFICATION**  
 This project was derived from the City of Alvin 2035 Comprehensive Plan under land use and character, specifically calling out the difficulty to locate places of interest and the need for wayfinding. The city has several state roadways traversing the city. Not all bring drivers to the downtown area or other points of interest. This program will create a uniqueness about Alvin while also improving the economic vitality of lesser known parts of the city that tourists and visitors may not be aware exist.

**INCREMENTAL OPERATING AND MAINTENANCE COSTS**

**Impact on operating budget**       No       Yes (See Below)

Fiscal Year	2020	2021	2022	2023	2024
<b>Total Revenue</b>					
Personnel Services					
Operation & Maintenance					
Capital Outlay					
<b>Total Expense</b>					

PROJECT COSTS ALLOCATION	TOTAL BUDGET	FY PROJECTED ALLOCATIONS								PROJECT TOTAL
		TOTAL ESTIMATE	PRIOR YEARS	PROJECTED 2020	2021	2022	2023	2024	2025	
Prelim. Engineering Report										
Land/Right of Way										
Design/Surveying	\$49,500	\$50,000	\$49,500							\$49,500
Construction	\$180,500	\$180,500		\$105,500	\$75,000					\$180,500
Equipment and Furniture										
Contingency										
<b>TOTAL COSTS</b>	<b>\$230,000</b>	<b>\$230,500</b>	<b>\$49,500</b>	<b>\$105,500</b>	<b>\$75,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$230,000</b>

FUNDING SOURCES	TOTAL BUDGET	FY PROJECTED FUNDING SOURCES								PROJECT TOTAL
		TOTAL ESTIMATE	PRIOR YEARS	PROJECTED 2020	2021	2022	2023	2024	2025	
General Project Fund Revenue	\$50,000	\$50,000	\$49,500							\$49,500
Certificates of Obligation (CO)										
General Obligation Bonds (GO)										
New/Proposed CO Bonds										
New/Proposed GO Bonds										
W/S Revenue Bonds										
W/S Project Fund Revenue										
Impact Fees										
Sales Taxes										
Other Funding Sources <sup>1</sup>	\$180,500	\$180,500		\$105,500	\$75,000					\$180,500
<b>TOTAL SOURCES</b>	<b>\$230,500</b>	<b>\$230,500</b>	<b>\$49,500</b>	<b>\$105,500</b>	<b>\$75,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$230,000</b>

**1 Explain & Identify Type of Other Sources:**      Hotel Occupancy Tax Fund

Project Manager: Economic Development Director

**PROJECT DESCRIPTION**  
 This program involves the repair and/or rehabilitation of various asphalt streets within the City of Alvin. The scope of the project will be determined during the design phase based on the condition of each roadway. The street locations will be determined based on recommendations from the 2014 Asphalt Pavement Assessment by JET Civil Consulting.



**PROJECT JUSTIFICATION**  
 To improve existing infrastructure.

**INCREMENTAL OPERATING AND MAINTENANCE COSTS**

**Impact on operating budget**       No       Yes (See Below)

Fiscal Year	2020	2021	2022	2023	2024
<b>Total Revenue</b>					
Personnel Services					
Operation & Maintenance					
Capital Outlay					
<b>Total Expense</b>					

PROJECT COSTS ALLOCATION	TOTAL BUDGET	FY PROJECTED ALLOCATIONS									PROJECT TOTAL
		TOTAL ESTIMATE	PRIOR YEARS	PROJECTED 2020	2021	2022	2023	2024	2025		
Prelim. Engineering Report											
Land/Right of Way											
Design/Surveying											
Construction		\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$3,500,000
Equipment and Furniture											
Contingency											
<b>TOTAL COSTS</b>	<b>\$0</b>	<b>\$500,000</b>	<b>\$500,000</b>	<b>\$500,000</b>	<b>\$500,000</b>	<b>\$500,000</b>	<b>\$500,000</b>	<b>\$500,000</b>	<b>\$500,000</b>	<b>\$500,000</b>	<b>\$3,500,000</b>

FUNDING SOURCES	TOTAL BUDGET	FY PROJECTED FUNDING SOURCES									PROJECT TOTAL
		TOTAL ESTIMATE	PRIOR YEARS	PROJECTED 2020	2021	2022	2023	2024	2025		
General Project Fund Revenue											
Certificates of Obligation (CO)											
General Obligation Bonds (GO)											
New/Proposed CO Bonds											
New/Proposed GO Bonds											
W/S Revenue Bonds											
W/S Project Fund Revenue											
Impact Fees											
Sales Taxes		\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$3,500,000
Other Funding Sources <sup>1</sup> -											
<b>TOTAL SOURCES</b>	<b>\$0</b>	<b>\$500,000</b>	<b>\$500,000</b>	<b>\$500,000</b>	<b>\$500,000</b>	<b>\$500,000</b>	<b>\$500,000</b>	<b>\$500,000</b>	<b>\$500,000</b>	<b>\$500,000</b>	<b>\$3,500,000</b>

**1** Explain & Identify Type of Other Sources:

Project Manager: City Engineer

**PROJECT DESCRIPTION**  
 This project involves the replacement of signage along State Highway 288 near the FM 1462 exit. Currently there are four large signs along S.H. 288 (two along the south bound lanes and two along the north bound lanes) that identify the exit for FM 1462. These signs would be replaced with new signs that identify FM 1462 as "Alvin Parkway."



**PROJECT ORIGIN AND JUSTIFICATION**  
 The project would help to further identify the City of Alvin for motorists travelling along S.H. 288.

**Impact on operating budget**       No       Yes (See Below)

Fiscal Year	2020	2021	2022	2023	2024
<b>Total Revenue</b>					
Personnel Services					
Operation & Maintenance					
Capital Outlay					
<b>Total Expense</b>					

PROJECT COSTS ALLOCATION	TOTAL BUDGET	FY PROJECTED ALLOCATIONS								PROJECT TOTAL
		TOTAL ESTIMATE	PRIOR YEARS	PROJECTED 2020	2021	2022	2023	2024	2025	
Prelim. Engineering Report										
Land/Right of Way										
Design/Surveying										
Construction		\$150,000			\$50,000	\$50,000	\$50,000			\$150,000
Equipment and Furniture										
Contingency										
<b>TOTAL COSTS</b>		<b>\$150,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$50,000</b>	<b>\$50,000</b>	<b>\$50,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$150,000</b>

FUNDING SOURCES	TOTAL BUDGET	FY PROJECTED FUNDING SOURCES								PROJECT TOTAL
		TOTAL ESTIMATE	PRIOR YEARS	PROJECTED 2020	2021	2022	2023	2024	2025	
General Project Fund Revenue		\$150,000			\$50,000	\$50,000	\$50,000			\$150,000
Certificates of Obligation (CO)										
General Obligation Bonds (GO)										
New/Proposed CO Bonds										
New/Proposed GO Bonds										
W/S Revenue Bonds										
W/S Project Fund Revenue										
Impact Fees										
Sales Taxes										
Other Funding Sources <sup>1</sup> -										
<b>TOTAL SOURCES</b>	<b>\$0</b>	<b>\$150,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$50,000</b>	<b>\$50,000</b>	<b>\$50,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$150,000</b>

**Explain & Identify Type of Other Sources:**

Project Manager: City Engineer

CITY OF ALVIN  
 2021 - 2025 CAPITAL IMPROVEMENT PROGRAM  
 WATER

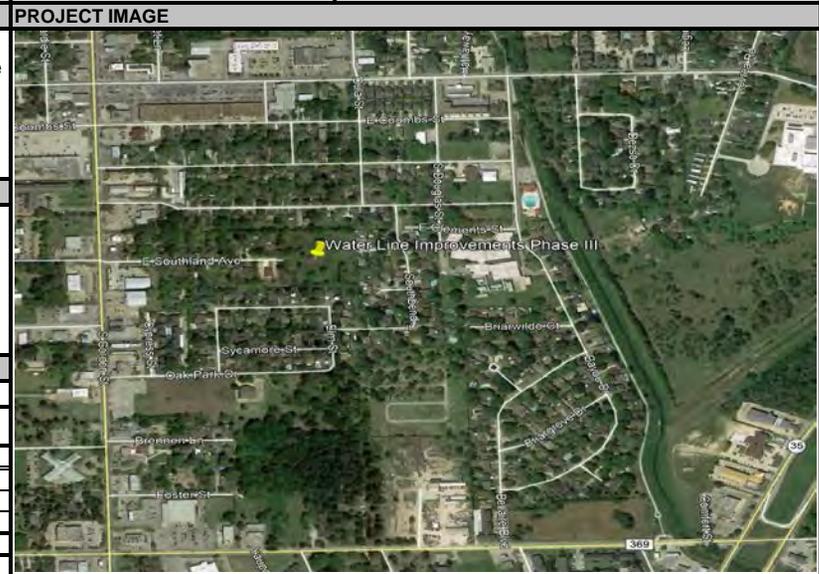
Project No.	Project Name	PRIOR YEARS	PROJECTED 2020	2021	2022	2023	2024	2025	Project Total	2021 - 2025 Allocation
WA2001	Water Line Improvements Phase 3		\$510,700	\$2,553,200					\$3,063,900	\$2,553,200
WA2002	Water Plant #4 Ground Storage Tank Replacement		\$351,000	\$1,755,000					\$2,106,000	\$1,755,000
WA2101	Water Line Improvements Phase 4				\$465,900	\$2,329,400			\$2,795,300	\$2,795,300
WA2102	Fire Hydrant Connection Retrofitting			\$397,800					\$397,800	\$397,800
WA2201	Water Line Improvements Phase 5				\$407,400	\$2,036,600			\$2,444,000	\$2,444,000
WA2301	Water Line Improvements Phase 6					\$432,200	\$2,160,600		\$2,592,800	\$2,592,800
WA2401	Water Line Improvements Phase 7						\$519,200	\$2,595,600	\$3,114,800	\$3,114,800
	<b>TOTAL SOURCES</b>	<b>\$0</b>	<b>\$861,700</b>	<b>\$4,706,000</b>	<b>\$873,300</b>	<b>\$4,798,200</b>	<b>\$2,679,800</b>	<b>\$2,595,600</b>	<b>\$16,514,600</b>	<b>\$15,652,900</b>

**CITY OF ALVIN  
2021 - 2025 CAPITAL IMPROVEMENT PROGRAM  
WATER**

<b>SOURCE OF FUNDS</b>	<b>PRIOR YEARS</b>	<b>PROJECTED 2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>Total</b>	<b>2021 - 2025 Allocation</b>
General Project Fund Revenue									
Certificates of Obligation (CO)									
General Obligation Bonds (GO)									
New/Proposed CO Bonds									
New/Proposed GO Bonds									
W/S Revenue Bonds		\$861,700	\$4,308,200	\$873,300	\$4,798,200	\$2,679,800	\$2,595,600	\$16,116,800	\$15,255,100
W/S Project Fund Revenue			\$397,800					\$397,800	\$397,800
Impact Fees									
Sales Taxes									
Other Funding Sources									
<b>TOTAL SOURCES</b>	<b>\$0</b>	<b>\$861,700</b>	<b>\$4,706,000</b>	<b>\$873,300</b>	<b>\$4,798,200</b>	<b>\$2,679,800</b>	<b>\$2,595,600</b>	<b>\$16,514,600</b>	<b>\$15,652,900</b>

<b>USES</b>	<b>PRIOR YEARS</b>	<b>PROJECTED 2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>Total</b>	<b>2021 - 2025 Allocation</b>
Prelim. Engineering Report									
Land/Right of Way									
Design/Surveying		\$861,700		\$873,300	\$432,200	\$519,200		\$2,686,400	\$1,824,700
Construction			\$4,706,000		\$4,366,000	\$2,160,600	\$2,595,600	\$13,828,200	\$13,828,200
Equipment and Furniture									
Contingency									
<b>TOTAL USES</b>	<b>\$0</b>	<b>\$861,700</b>	<b>\$4,706,000</b>	<b>\$873,300</b>	<b>\$4,798,200</b>	<b>\$2,679,800</b>	<b>\$2,595,600</b>	<b>\$16,514,600</b>	<b>\$15,652,900</b>

**PROJECT DESCRIPTION**  
 New 8 inch and 6 inch water lines to connect and replace existing small diameter water lines in the area bounded by House Street, Bayou Drive, South Street, and Gordon Street. The replacement of the existing water lines will increase available fire flow capacity, improve water quality, and increase water system connectivity between the City's water plants.



**PROJECT ORIGIN AND JUSTIFICATION**  
 Identified in the 2015 Utility Master Plan by Freese and Nichols, Inc. that was approved by City Council on March 3, 2016

**INCREMENTAL OPERATING AND MAINTENANCE COSTS**

**Impact on operating budget**       No       Yes (See Below)

Fiscal Year	2020	2021	2022	2023	2024
<b>Total Revenue</b>					
Personnel Services					
Operation & Maintenance					
Capital Outlay					
<b>Total Expense</b>					

PROJECT COSTS ALLOCATION	TOTAL BUDGET	FY PROJECTED ALLOCATIONS								PROJECT TOTAL
		TOTAL ESTIMATE	PRIOR YEARS	PROJECTED 2020	2021	2022	2023	2024	2025	
Prelim. Engineering Report										
Land/Right of Way										
Design/Surveying	\$510,700	\$510,700		\$510,700						\$510,700
Construction	\$2,553,200	\$2,553,200			\$2,553,200					\$2,553,200
Equipment and Furniture										
Contingency										
<b>TOTAL COSTS</b>	<b>\$3,063,900</b>	<b>\$3,063,900</b>	<b>\$0</b>	<b>\$510,700</b>	<b>\$2,553,200</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$3,063,900</b>

FUNDING SOURCES	TOTAL BUDGET	FY PROJECTED FUNDING SOURCES								PROJECT TOTAL
		TOTAL ESTIMATE	PRIOR YEARS	PROJECTED 2020	2021	2022	2023	2024	2025	
General Project Fund Revenue										
Certificates of Obligation (CO)										
General Obligation Bonds (GO)										
New/Proposed CO Bonds										
New/Proposed GO Bonds										
W/S Revenue Bonds	\$3,063,900	\$3,063,900		\$510,700	\$2,553,200					\$3,063,900
W/S Project Fund Revenue										
Impact Fees										
Sales Taxes										
Other Funding Sources <sup>1</sup> -										
<b>TOTAL SOURCES</b>	<b>\$3,063,900</b>	<b>\$3,063,900</b>	<b>\$0</b>	<b>\$510,700</b>	<b>\$2,553,200</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$3,063,900</b>

<sup>1</sup>Explain & Identify Type of Other Sources:

Project Manager: City Engineer

**PROJECT DESCRIPTION**  
 Decommission the existing 0.21 and 0.43 Million Gallon (MG) ground storage tanks and add a new 1.0 MG ground storage tank at Water Plant #4. Steel storage tanks are prone to corrosion, structural steel repair, roof replacement, and require regular maintenance, such as, re-coating approximately every ten years. Concrete ground storage tanks allow for consolidation of multiple Ground Storage Tanks (GSTs) into a single low maintenance tank. The life cycle cost of steel tank maintenance far outweighs the initial capital cost of a new concrete GST.



**PROJECT ORIGIN AND JUSTIFICATION**  
 Identified in the 2015 Utility Master Plan by Freese and Nichols, Inc. that was approved by City Council on March 3, 2016

**INCREMENTAL OPERATING AND MAINTENANCE COSTS**

**Impact on operating budget**       No       Yes (See Below)

Fiscal Year	2020	2021	2022	2023	2024
<b>Total Revenue</b>					
Personnel Services					
Operation & Maintenance					
Capital Outlay					
<b>Total Expense</b>					

PROJECT COSTS ALLOCATION	TOTAL BUDGET	FY PROJECTED ALLOCATIONS								PROJECT TOTAL
		TOTAL ESTIMATE	PRIOR YEARS	PROJECTED 2020	2021	2022	2023	2024	2025	
Prelim. Engineering Report										
Land/Right of Way										
Design/Surveying	\$351,000	\$351,000		\$351,000						\$351,000
Construction	\$1,755,000	\$1,755,000			\$1,755,000					\$1,755,000
Equipment and Furniture										
Contingency										
<b>TOTAL COSTS</b>	<b>\$2,106,000</b>	<b>\$2,106,000</b>	<b>\$0</b>	<b>\$351,000</b>	<b>\$1,755,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$2,106,000</b>

FUNDING SOURCES	TOTAL BUDGET	FY PROJECTED FUNDING SOURCES								PROJECT TOTAL
		TOTAL ESTIMATE	PRIOR YEARS	PROJECTED 2020	2021	2022	2023	2024	2025	
General Project Fund Revenue										
Certificates of Obligation (CO)										
General Obligation Bonds (GO)										
New/Proposed CO Bonds										
New/Proposed GO Bonds										
W/S Revenue Bonds	\$2,106,000	\$2,106,000		\$351,000	\$1,755,000					\$2,106,000
W/S Project Fund Revenue										
Impact Fees										
Sales Taxes										
Other Funding Sources <sup>1</sup> -										
<b>TOTAL SOURCES</b>	<b>\$2,106,000</b>	<b>\$2,106,000</b>	<b>\$0</b>	<b>\$351,000</b>	<b>\$1,755,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$2,106,000</b>

**1** Explain & Identify Type of Other Sources:

Project Manager: City Engineer

**PROJECT DESCRIPTION**  
 New 12 inch, 10 inch, 8 inch and 6 inch water lines to connect and replace existing small diameter water lines in the area bounded by Blum Street, Johnson Street, South Street, and Callaway Drive. The replacement of the existing water lines will increase available fire flow capacity, improve water quality, and increase water system connectivity between the City's water plants.



**PROJECT ORIGIN AND JUSTIFICATION**  
 Identified in the 2015 Utility Master Plan by Freese and Nichols, Inc. that was approved by City Council on March 3, 2016

**INCREMENTAL OPERATING AND MAINTENANCE COSTS**

**Impact on operating budget**       No       Yes (See Below)

Fiscal Year	2020	2021	2022	2023	2024
<b>Total Revenue</b>					
Personnel Services					
Operation & Maintenance					
Capital Outlay					
<b>Total Expense</b>					

PROJECT COSTS ALLOCATION	TOTAL BUDGET	FY PROJECTED ALLOCATIONS								PROJECT TOTAL
		TOTAL ESTIMATE	PRIOR YEARS	PROJECTED 2020	2021	2022	2023	2024	2025	
Prelim. Engineering Report										
Land/Right of Way										
Design/Surveying		\$465,900				\$465,900				\$465,900
Construction		\$2,329,400					\$2,329,400			\$2,329,400
Equipment and Furniture										
Contingency										
<b>TOTAL COSTS</b>	<b>\$0</b>	<b>\$2,795,300</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$465,900</b>	<b>\$2,329,400</b>	<b>\$0</b>	<b>\$0</b>	<b>\$2,795,300</b>

FUNDING SOURCES	TOTAL BUDGET	FY PROJECTED FUNDING SOURCES								PROJECT TOTAL
		TOTAL ESTIMATE	PRIOR YEARS	PROJECTED 2020	2021	2022	2023	2024	2025	
General Project Fund Revenue										
Certificates of Obligation (CO)										
General Obligation Bonds (GO)										
New/Proposed CO Bonds										
New/Proposed GO Bonds										
W/S Revenue Bonds		\$2,795,300				\$465,900	\$2,329,400			\$2,795,300
W/S Project Fund Revenue										
Impact Fees										
Sales Taxes										
Other Funding Sources <sup>1</sup> -										
<b>TOTAL SOURCES</b>	<b>\$0</b>	<b>\$2,795,300</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$465,900</b>	<b>\$2,329,400</b>	<b>\$0</b>	<b>\$0</b>	<b>\$2,795,300</b>

<sup>1</sup>Explain & Identify Type of Other Sources:

Project Manager: City Engineer

**PROJECT DESCRIPTION**  
 Replace existing fire hydrant connectors with new standardized 5-inch Hydrant Storz connectors and rehabilitate the hydrants throughout the City. This replacement would standardize fire protection equipment and maintain hydrant performance.

**PROJECT IMAGE**



**PROJECT ORIGIN AND JUSTIFICATION**  
 Identified in the 2015 Utility Master Plan by Freese and Nichols, Inc. that was approved by City Council on March 3, 2016

**INCREMENTAL OPERATING AND MAINTENANCE COSTS**

**Impact on operating budget**       No       Yes (See Below)

Fiscal Year	2020	2021	2022	2023	2024
<b>Total Revenue</b>					
Personnel Services					
Operation & Maintenance					
Capital Outlay					
<b>Total Expense</b>					

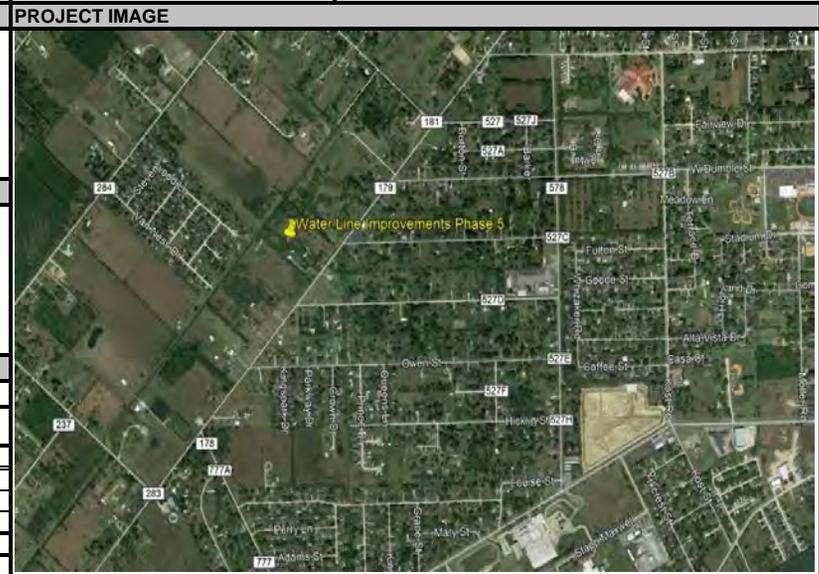
PROJECT COSTS ALLOCATION	TOTAL BUDGET	FY PROJECTED ALLOCATIONS								PROJECT TOTAL
		TOTAL ESTIMATE	PRIOR YEARS	PROJECTED 2020	2021	2022	2023	2024	2025	
Prelim. Engineering Report										
Land/Right of Way										
Design/Surveying										
Construction		\$397,800			\$397,800					\$397,800
Equipment and Furniture										
Contingency										
<b>TOTAL COSTS</b>	<b>\$0</b>	<b>\$397,800</b>	<b>\$0</b>	<b>\$0</b>	<b>\$397,800</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$397,800</b>

FUNDING SOURCES	TOTAL BUDGET	FY PROJECTED FUNDING SOURCES								PROJECT TOTAL
		TOTAL ESTIMATE	PRIOR YEARS	PROJECTED 2020	2021	2022	2023	2024	2025	
General Project Fund Revenue										
Certificates of Obligation (CO)										
General Obligation Bonds (GO)										
New/Proposed CO Bonds										
New/Proposed GO Bonds										
W/S Revenue Bonds										
W/S Project Fund Revenue					\$397,800					\$397,800
Impact Fees										
Sales Taxes										
Other Funding Sources <sup>1</sup> -		\$397,800								
<b>TOTAL SOURCES</b>	<b>\$0</b>	<b>\$397,800</b>	<b>\$0</b>	<b>\$0</b>	<b>\$397,800</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$397,800</b>

**Explain & Identify Type of Other Sources:**      Utility Projects Fund

Project Manager: City Engineer and the Public Services Director

**PROJECT DESCRIPTION**  
 New 8 inch and 6 inch water lines to connect and replace existing small diameter water lines in the area bounded by Stevenwood Lane, Kost Road, Rosharon Road, and the Alvin City Limits. The replacement of the existing water lines will increase available fire flow capacity, improve water quality, and increase water system connectivity between the City's water plants.



**PROJECT ORIGIN AND JUSTIFICATION**  
 Identified in the 2015 Utility Master Plan by Freese and Nichols, Inc. that was approved by City Council on March 3, 2016

**INCREMENTAL OPERATING AND MAINTENANCE COSTS**

**Impact on operating budget**       No       Yes (See Below)

Fiscal Year	2020	2021	2022	2023	2024
<b>Total Revenue</b>					
Personnel Services					
Operation & Maintenance					
Capital Outlay					
<b>Total Expense</b>					

PROJECT COSTS ALLOCATION	TOTAL BUDGET	FY PROJECTED ALLOCATIONS								
		TOTAL ESTIMATE	PRIOR YEARS	PROJECTED 2020	2021	2022	2023	2024	2025	PROJECT TOTAL
Prelim. Engineering Report										
Land/Right of Way										
Design/Surveying		\$407,400				\$407,400				\$407,400
Construction		\$2,036,600					\$2,036,600			\$2,036,600
Equipment and Furniture										
Contingency										
<b>TOTAL COSTS</b>	<b>\$0</b>	<b>\$2,444,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$407,400</b>	<b>\$2,036,600</b>	<b>\$0</b>	<b>\$0</b>	<b>\$2,444,000</b>

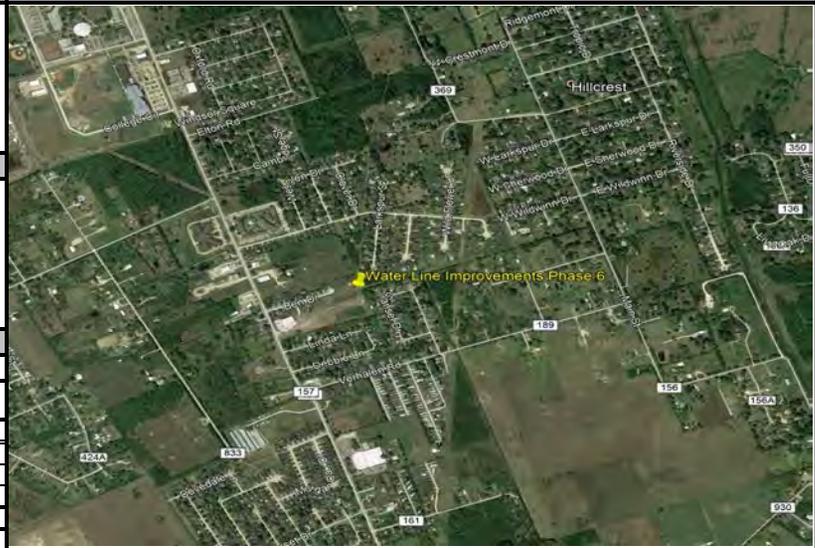
FUNDING SOURCES	TOTAL BUDGET	FY PROJECTED FUNDING SOURCES								
		TOTAL ESTIMATE	PRIOR YEARS	PROJECTED 2020	2021	2022	2023	2024	2025	PROJECT TOTAL
General Project Fund Revenue										
Certificates of Obligation (CO)										
General Obligation Bonds (GO)										
New/Proposed CO Bonds										
New/Proposed GO Bonds										
W/S Revenue Bonds		\$2,444,000				\$407,400	\$2,036,600			\$2,444,000
W/S Project Fund Revenue										
Impact Fees										
Sales Taxes										
Other Funding Sources <sup>1</sup> -										
<b>TOTAL SOURCES</b>	<b>\$0</b>	<b>\$2,444,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$407,400</b>	<b>\$2,036,600</b>	<b>\$0</b>	<b>\$0</b>	<b>\$2,444,000</b>

<sup>1</sup>Explain & Identify Type of Other Sources:

Project Manager: City Engineer

**PROJECT DESCRIPTION**  
 New 6 inch water lines to connect and replace existing small diameter water lines in the area bounded by Windsor Square, Fairway Drive, County Road 161, and Mustang Road. The replacement of the existing water lines will increase available fire flow capacity, improve water quality, and increase water system connectivity between the City's water plants.

**PROJECT IMAGE**



**PROJECT ORIGIN AND JUSTIFICATION**  
 Identified in the 2015 Utility Master Plan by Freese and Nichols, Inc. that was approved by City Council on March 3, 2016

**INCREMENTAL OPERATING AND MAINTENANCE COSTS**

**Impact on operating budget**       No       Yes (See Below)

Fiscal Year	2020	2021	2022	2023	2024
<b>Total Revenue</b>					
Personnel Services					
Operation & Maintenance					
Capital Outlay					
<b>Total Expense</b>					

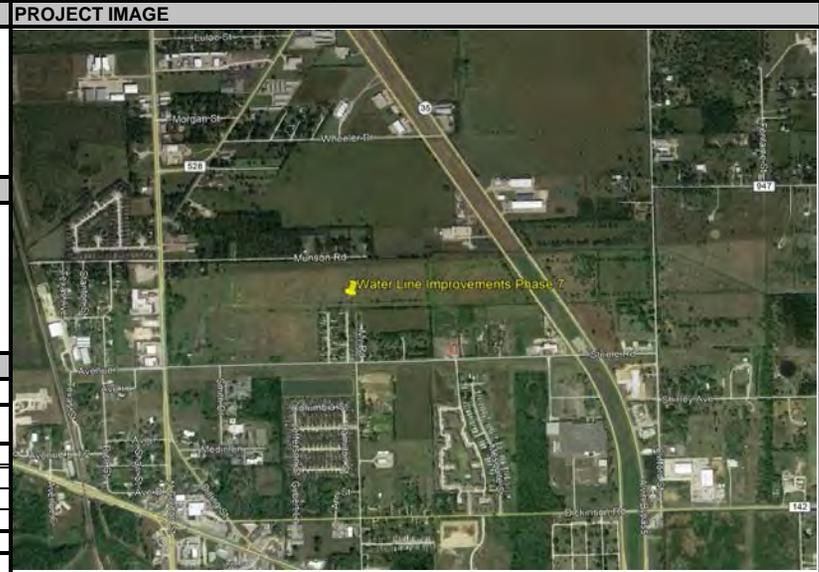
PROJECT COSTS ALLOCATION	TOTAL BUDGET	FY PROJECTED ALLOCATIONS								
		TOTAL ESTIMATE	PRIOR YEARS	PROJECTED 2020	2021	2022	2023	2024	2025	PROJECT TOTAL
Prelim. Engineering Report										
Land/Right of Way										
Design/Surveying		\$432,200				\$432,200				\$432,200
Construction		\$2,160,600						\$2,160,600		\$2,160,600
Equipment and Furniture										
Contingency										
<b>TOTAL COSTS</b>	<b>\$0</b>	<b>\$2,592,800</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$432,200</b>	<b>\$2,160,600</b>	<b>\$0</b>	<b>\$2,592,800</b>

FUNDING SOURCES	TOTAL BUDGET	FY PROJECTED FUNDING SOURCES								
		TOTAL ESTIMATE	PRIOR YEARS	PROJECTED 2020	2021	2022	2023	2024	2025	PROJECT TOTAL
General Project Fund Revenue										
Certificates of Obligation (CO)										
General Obligation Bonds (GO)										
New/Proposed CO Bonds										
New/Proposed GO Bonds										
W/S Revenue Bonds		\$2,592,800				\$432,200	\$2,160,600			\$2,592,800
W/S Project Fund Revenue										
Impact Fees										
Sales Taxes										
Other Funding Sources <sup>1</sup> -										
<b>TOTAL SOURCES</b>	<b>\$0</b>	<b>\$2,592,800</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$432,200</b>	<b>\$2,160,600</b>	<b>\$0</b>	<b>\$2,592,800</b>

<sup>1</sup>Explain & Identify Type of Other Sources:

Project Manager: City Engineer

**PROJECT DESCRIPTION**  
 New 8 inch water lines to connect and replace existing small diameter water lines in the area bounded by Wheeler Drive, State Highway 35 Bypass, Dickinson Road, and North Gordon Street. The replacement of the existing water lines will increase available fire flow capacity, improve water quality, and increase water system connectivity between the City's water plants.



**PROJECT ORIGIN AND JUSTIFICATION**  
 Identified in the 2015 Utility Master Plan by Freese and Nichols, Inc. that was approved by City Council on March 3, 2016

**INCREMENTAL OPERATING AND MAINTENANCE COSTS**

**Impact on operating budget**       No       Yes (See Below)

Fiscal Year	2020	2021	2022	2023	2024
<b>Total Revenue</b>					
Personnel Services					
Operation & Maintenance					
Capital Outlay					
<b>Total Expense</b>					

PROJECT COSTS ALLOCATION	TOTAL BUDGET	FY PROJECTED ALLOCATIONS								
		TOTAL ESTIMATE	PRIOR YEARS	PROJECTED 2020	2021	2022	2023	2024	2025	PROJECT TOTAL
Prelim. Engineering Report										
Land/Right of Way										
Design/Surveying		\$519,200						\$519,200		\$519,200
Construction		\$2,595,600							\$2,595,600	\$2,595,600
Equipment and Furniture										
Contingency										
<b>TOTAL COSTS</b>	<b>\$0</b>	<b>\$3,114,800</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$519,200</b>	<b>\$2,595,600</b>	<b>\$3,114,800</b>

FUNDING SOURCES	TOTAL BUDGET	FY PROJECTED FUNDING SOURCES								
		TOTAL ESTIMATE	PRIOR YEARS	PROJECTED 2020	2021	2022	2023	2024	2025	PROJECT TOTAL
General Project Fund Revenue										
Certificates of Obligation (CO)										
General Obligation Bonds (GO)										
New/Proposed CO Bonds										
New/Proposed GO Bonds										
W/S Revenue Bonds		\$3,114,800						\$519,200	\$2,595,600	\$3,114,800
W/S Project Fund Revenue										
Impact Fees										
Sales Taxes										
Other Funding Sources <sup>1</sup> -										
<b>TOTAL SOURCES</b>	<b>\$0</b>	<b>\$3,114,800</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$519,200</b>	<b>\$2,595,600</b>	<b>\$3,114,800</b>

**Explain & Identify Type of Other Sources:**

Project Manager: City Engineer

CITY OF ALVIN  
2021 - 2025 CAPITAL IMPROVEMENT PROGRAM  
WASTEWATER

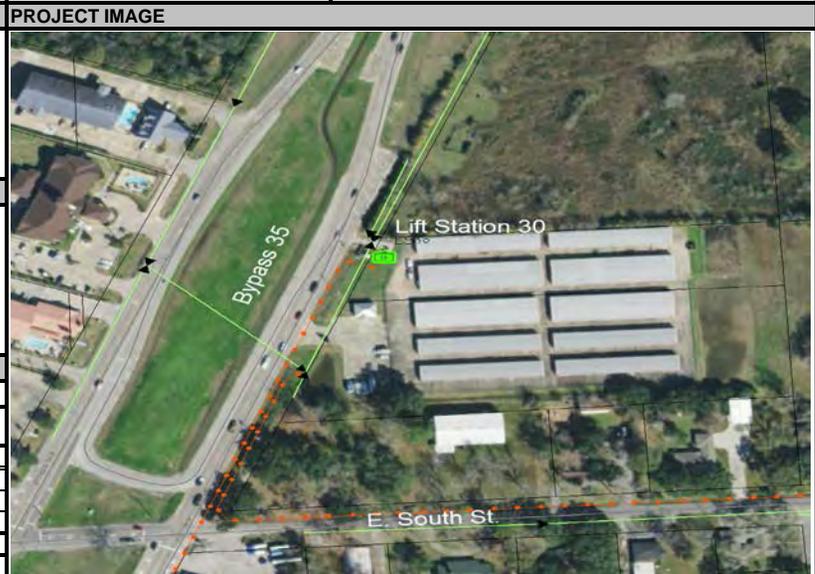
Project No.	Project Name	PRIOR YEARS	PROJECTED 2020	2021	2022	2023	2024	2025	Total	2021 - 2025 Allocation
WW1803	Lift Station 30 Exp. & Hwy. 35 Bypass Mains	\$501,534	\$3,254,256	\$6,988,975					\$10,744,765	\$6,988,975
WW1804	54" Eastside Interceptor	\$969,239	\$3,466,313	\$3,539,328	\$5,898,880				\$13,873,760	\$9,438,208
WW2001	Peak Flow Storage Basin at WWTP		\$214,500	\$1,072,500					\$1,287,000	\$1,072,500
WW2101	Lift Station 23 Expansion			\$7,176,500					\$7,176,500	\$7,176,500
WW2102	Wastewater Master Plan Update and Sanitary Sewer Evaluations			\$350,000					\$350,000	\$350,000
WW2104	Lift Station 2 Rehabilitation				\$390,000				\$390,000	\$390,000
WW2201	Lift Station 16 Expansion/Replacement Gravity Mains				\$7,253,400				\$7,253,400	\$7,253,400
WW2301	Lift Station 1 Exp./Hwy. 6 Replacement Gravity Mains					\$3,150,000			\$3,150,000	\$3,150,000
WW2302	Lift Stations 22 and 33 Expansion						\$1,232,400		\$1,232,400	\$1,232,400
WW2303	Lift Station 15 Expansion/Replacement Gravity Mains					\$1,889,900			\$1,889,900	\$1,889,900
WW2304	Lift Station 35 Expansion					\$645,900			\$645,900	\$645,900
WW2305	Lift Station 36 Expansion						\$435,300		\$435,300	\$435,300
WW2401	Wastewater SCADA System							\$2,373,600	\$2,373,600	\$2,373,600
	<b>TOTAL USES</b>	<b>\$1,470,773</b>	<b>\$6,935,069</b>	<b>\$19,127,303</b>	<b>\$13,542,280</b>	<b>\$5,685,800</b>	<b>\$1,667,700</b>	<b>\$2,373,600</b>	<b>\$50,802,525</b>	<b>\$42,396,683</b>

**CITY OF ALVIN  
2021 - 2025 CAPITAL IMPROVEMENT PROGRAM  
WASTEWATER**

SOURCE OF FUNDS	PRIOR YEARS	PROJECTED 2020	2021	2022	2023	2024	2025	Total	2021 - 2025 Allocation
General Project Fund Revenue									
Certificates of Obligation (CO)									
General Obligation Bonds (GO)									
New/Proposed CO Bonds									
New/Proposed GO Bonds									
W/S Revenue Bonds	\$1,470,773	\$6,935,069	\$19,127,303	\$13,542,280	\$5,685,800	\$1,667,700	\$2,373,600	\$50,802,525	\$42,396,683
W/S Project Fund Revenue									
Impact Fees									
Sales Taxes									
Other Funding Sources									
<b>TOTAL SOURCES</b>	<b>\$1,470,773</b>	<b>\$6,935,069</b>	<b>\$19,127,303</b>	<b>\$13,542,280</b>	<b>\$5,685,800</b>	<b>\$1,667,700</b>	<b>\$2,373,600</b>	<b>\$50,802,525</b>	<b>\$42,396,683</b>

USES	PRIOR YEARS	PROJECTED 2020	2021	2022	2023	2024	2025	Total	2021 - 2025 Allocation
Prelim. Engineering Report									
Land/Right of Way									
Design/Surveying	\$1,470,773	\$1,580,242	\$1,546,100	\$1,273,900	\$947,700	\$278,000	\$395,600	\$7,492,315	\$4,441,300
Construction		\$5,354,827	\$17,581,203	\$11,678,492	\$4,738,100	\$1,389,700	\$1,978,000	\$42,720,322	\$37,365,495
Equipment and Furniture									
Contingency				\$589,888				\$589,888	\$589,888
<b>TOTAL USES</b>	<b>\$1,470,773</b>	<b>\$6,935,069</b>	<b>\$19,127,303</b>	<b>\$13,542,280</b>	<b>\$5,685,800</b>	<b>\$1,667,700</b>	<b>\$2,373,600</b>	<b>\$50,802,525</b>	<b>\$42,396,683</b>

**PROJECT DESCRIPTION**  
 This project includes the expansion of Lift Station 30 from a firm pumping capacity of 4.1 Million Gallons per Day (MGD) to a firm pumping capacity of 11.7 MGD. This project includes a new 24 inch force main and upsizing of the gravity lines to 36 inch immediately upstream and downstream of Lift Station 30. The existing 30 inch gravity lines do not have enough capacity to convey projected 2035 peak wastewater flows. The 11.7 MGD lift station expansion and proposed gravity lines are sized to convey projected 2035 peak wastewater flows from the Northeast and Northwest Basins including proposed flows from the two developments northwest of the City.



**PROJECT ORIGIN AND JUSTIFICATION**  
 Identified in the 2015 Utility Master Plan by Freese and Nichols, Inc. that was approved by City Council on March 3, 2016.

**INCREMENTAL OPERATING AND MAINTENANCE COSTS**

**Impact on operating budget**       No       Yes (See Below)

Fiscal Year	2020	2021	2022	2023	2024
<b>Total Revenue</b>					
Personnel Services					
Operation & Maintenance					
Capital Outlay					
<b>Total Expense</b>					

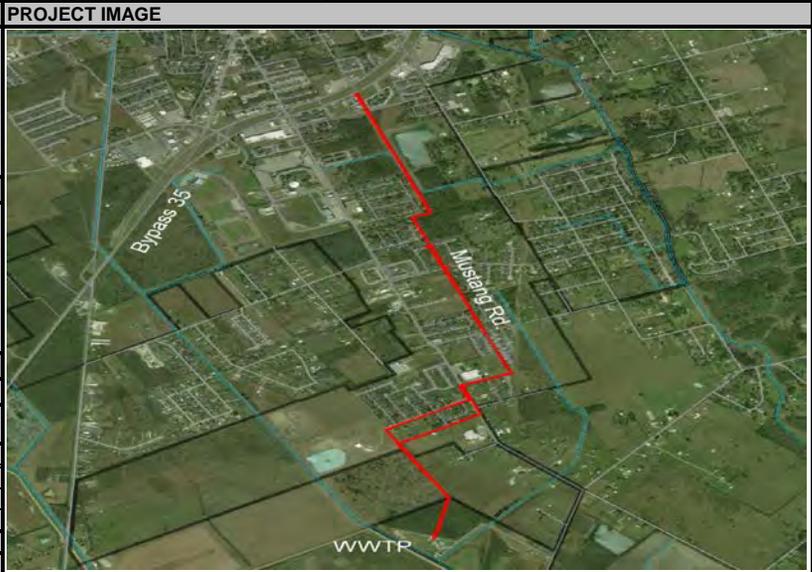
PROJECT COSTS ALLOCATION	TOTAL BUDGET	FY PROJECTED ALLOCATIONS								PROJECT TOTAL
		TOTAL ESTIMATE	PRIOR YEARS	PROJECTED 2020	2021	2022	2023	2024	2025	
Prelim. Engineering Report										
Land/Right of Way										
Design/Surveying	\$760,515	\$760,515	\$501,534	\$258,981						\$760,515
Construction	\$9,984,250	\$9,984,250		\$2,995,275	\$6,988,975					\$9,984,250
Equipment and Furniture										
Contingency										
<b>TOTAL COSTS</b>	<b>\$10,744,765</b>	<b>\$10,744,765</b>	<b>\$501,534</b>	<b>\$3,254,256</b>	<b>\$6,988,975</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$10,744,765</b>

FUNDING SOURCES	TOTAL BUDGET	FY PROJECTED FUNDING SOURCES								PROJECT TOTAL
		TOTAL ESTIMATE	PRIOR YEARS	PROJECTED 2020	2021	2022	2023	2024	2025	
General Project Fund Revenue										
Certificates of Obligation (CO)										
General Obligation Bonds (GO)										
New/Proposed CO Bonds										
New/Proposed GO Bonds										
W/S Revenue Bonds	\$10,744,765	\$10,744,765	\$501,534	\$3,254,256	\$6,988,975					\$10,744,765
W/S Project Fund Revenue										
Impact Fees										
Sales Taxes										
Other Funding Sources <sup>1</sup> -										
<b>TOTAL SOURCES</b>	<b>\$10,744,765</b>	<b>\$10,744,765</b>	<b>\$501,534</b>	<b>\$3,254,256</b>	<b>\$6,988,975</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$10,744,765</b>

**1**Explain & Identify Type of Other Sources:

Project Manager: City Engineer

**PROJECT DESCRIPTION**  
 This project includes the construction of a 54 inch wastewater line from Bypass 35 to the Wastewater Treatment Plant (WWTP). The model showed the existing 27 inch and 33 inch wastewater lines do not have enough capacity to convey existing peak flows to the plant. The new 54 inch wastewater line is sized to convey projected wastewater system peak flows through 2035. Constructing a single line in place of the two undersized lines will allow for easier system operations and less maintenance.



**PROJECT ORIGIN AND JUSTIFICATION**  
 Identified in the 2015 Utility Master Plan by Freese and Nichols, Inc. that was approved by City Council on March 3, 2016.

**INCREMENTAL OPERATING AND MAINTENANCE COSTS**

**Impact on operating budget**       No       Yes (See Below)

Fiscal Year	2020	2021	2022	2023	2024
<b>Total Revenue</b>					
Personnel Services					
Operation & Maintenance					
Capital Outlay					
<b>Total Expense</b>					

PROJECT COSTS ALLOCATION	TOTAL BUDGET	FY PROJECTED ALLOCATIONS								PROJECT TOTAL
		TOTAL ESTIMATE	PRIOR YEARS	PROJECTED 2020	2021	2022	2023	2024	2025	
Prelim. Engineering Report										
Land/Right of Way										
Design/Surveying	\$2,076,000	\$2,076,000	\$969,239	\$1,106,761						\$2,076,000
Construction	\$11,207,872	\$11,207,872		\$2,359,552	\$3,539,328	\$5,308,992				\$11,207,872
Equipment and Furniture										
Contingency	\$589,888	\$589,888				\$589,888				\$589,888
<b>TOTAL COSTS</b>	<b>\$13,873,760</b>	<b>\$13,873,760</b>	<b>\$969,239</b>	<b>\$3,466,313</b>	<b>\$3,539,328</b>	<b>\$5,898,880</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$13,873,760</b>

FUNDING SOURCES	TOTAL BUDGET	FY PROJECTED FUNDING SOURCES								PROJECT TOTAL
		TOTAL ESTIMATE	PRIOR YEARS	PROJECTED 2020	2021	2022	2023	2024	2025	
General Project Fund Revenue										
Certificates of Obligation (CO)										
General Obligation Bonds (GO)										
New/Proposed CO Bonds										
New/Proposed GO Bonds										
W/S Revenue Bonds	\$13,873,760	\$13,873,760	\$969,239	\$3,466,313	\$3,539,328	\$5,898,880				\$13,873,760
W/S Project Fund Revenue										
Impact Fees										
Sales Taxes										
Other Funding Sources <sup>1</sup> -										
<b>TOTAL SOURCES</b>	<b>\$13,873,760</b>	<b>\$13,873,760</b>	<b>\$969,239</b>	<b>\$3,466,313</b>	<b>\$3,539,328</b>	<b>\$5,898,880</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$13,873,760</b>

**\*Explain & Identify Type of Other Sources:**

Project Manager: City Engineer

**PROJECT DESCRIPTION**  
 This project includes the construction of a 1.0 million gallon (MG) peak flow storage basin at the wastewater treatment plant. The purpose of the basin is to maintain the peak flow discharge below 15 million gallons per day (MGD), and to prevent surcharging in the gravity interceptor upstream of the plant.



**PROJECT ORIGIN AND JUSTIFICATION**  
 Identified in the 2015 Utility Master Plan by Freese and Nichols, Inc. that was approved by City Council on March 3, 2016.

**INCREMENTAL OPERATING AND MAINTENANCE COSTS**

**Impact on operating budget**       No       Yes (See Below)

Fiscal Year	2020	2021	2022	2023	2024
<b>Total Revenue</b>					
Personnel Services					
Operation & Maintenance					
Capital Outlay					
<b>Total Expense</b>					

PROJECT COSTS ALLOCATION	TOTAL BUDGET	FY PROJECTED ALLOCATIONS								PROJECT TOTAL
		TOTAL ESTIMATE	PRIOR YEARS	PROJECTED 2020	2021	2022	2023	2024	2025	
Prelim. Engineering Report										
Land/Right of Way										
Design/Surveying	\$214,500	\$214,500		\$214,500						\$214,500
Construction	\$1,072,500	\$1,072,500			\$1,072,500					\$1,072,500
Equipment and Furniture										
Contingency										
<b>TOTAL COSTS</b>	<b>\$1,287,000</b>	<b>\$1,287,000</b>	<b>\$0</b>	<b>\$214,500</b>	<b>\$1,072,500</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,287,000</b>

FUNDING SOURCES	TOTAL BUDGET	FY PROJECTED FUNDING SOURCES								PROJECT TOTAL
		TOTAL ESTIMATE	PRIOR YEARS	PROJECTED 2020	2021	2022	2023	2024	2025	
General Project Fund Revenue										
Certificates of Obligation (CO)										
General Obligation Bonds (GO)										
New/Proposed CO Bonds										
New/Proposed GO Bonds										
W/S Revenue Bonds	\$1,287,000	\$1,287,000		\$214,500	\$1,072,500					\$1,287,000
W/S Project Fund Revenue										
Impact Fees										
Sales Taxes										
Other Funding Sources <sup>1</sup> -										
<b>TOTAL SOURCES</b>	<b>\$1,287,000</b>	<b>\$1,287,000</b>	<b>\$0</b>	<b>\$214,500</b>	<b>\$1,072,500</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,287,000</b>

<sup>1</sup>Explain & Identify Type of Other Sources:

Project Manager: City Engineer

**PROJECT DESCRIPTION**  
 This project includes the expansion of Lift Station 23 from a firm pumping capacity of 2.02 Million Gallons per Day (MGD) to a firm pumping capacity of 7.5 MGD. This project includes a new 18 inch force main. The 7.5 MGD lift station expansion and proposed force main are sized to convey projected 2035 peak wastewater flows from the Northeast and Northwest Basins.



**PROJECT ORIGIN AND JUSTIFICATION**  
 Identified in the 2015 Utility Master Plan by Freese and Nichols, Inc. that was approved by City Council on March 3, 2016

**INCREMENTAL OPERATING AND MAINTENANCE COSTS**

**Impact on operating budget**       No       Yes (See Below)

Fiscal Year	2020	2021	2022	2023	2024
<b>Total Revenue</b>					
Personnel Services					
Operation & Maintenance					
Capital Outlay					
<b>Total Expense</b>					

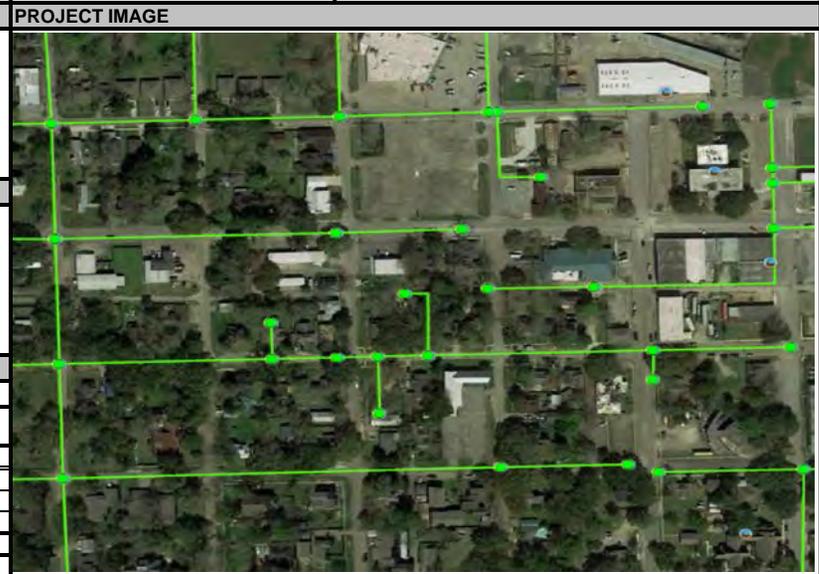
PROJECT COSTS ALLOCATION	TOTAL BUDGET	FY PROJECTED ALLOCATIONS								PROJECT TOTAL
		TOTAL ESTIMATE	PRIOR YEARS	PROJECTED 2020	2021	2022	2023	2024	2025	
Prelim. Engineering Report										
Land/Right of Way										
Design/Surveying		\$1,196,100			\$1,196,100					\$1,196,100
Construction		\$5,980,400			\$5,980,400					\$5,980,400
Equipment and Furniture										
Contingency										
<b>TOTAL COSTS</b>	<b>\$0</b>	<b>\$7,176,500</b>	<b>\$0</b>	<b>\$0</b>	<b>\$7,176,500</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$7,176,500</b>

FUNDING SOURCES	TOTAL BUDGET	FY PROJECTED FUNDING SOURCES								PROJECT TOTAL
		TOTAL ESTIMATE	PRIOR YEARS	PROJECTED 2020	2021	2022	2023	2024	2025	
General Project Fund Revenue										
Certificates of Obligation (CO)										
General Obligation Bonds (GO)										
New/Proposed CO Bonds										
New/Proposed GO Bonds										
W/S Revenue Bonds		\$7,156,500			\$7,176,500					\$7,176,500
W/S Project Fund Revenue										
Impact Fees										
Sales Taxes										
Other Funding Sources <sup>1</sup> -										
<b>TOTAL SOURCES</b>	<b>\$0</b>	<b>\$7,156,500</b>	<b>\$0</b>	<b>\$0</b>	<b>\$7,176,500</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$7,176,500</b>

**Explain & Identify Type of Other Sources:**

Project Manager: City Engineer

**PROJECT DESCRIPTION**  
 Update the wastewater portion of the Utility Master Plan that was done in 2015 and include the West Central Basin and Southern Basin Sanitary Sewer Evaluation Surveys as part of the update.



**PROJECT ORIGIN AND JUSTIFICATION**  
 Since the 2015 Utility Master Plan was completed there have been numerous developments proposed which need to be considered with regard to the City being in a position to provide sanitary sewer service in the future.

**INCREMENTAL OPERATING AND MAINTENANCE COSTS**

**Impact on operating budget**       No       Yes (See Below)

Fiscal Year	2020	2021	2022	2023	2024
<b>Total Revenue</b>					
Personnel Services					
Operation & Maintenance					
Capital Outlay					
<b>Total Expense</b>					

PROJECT COSTS ALLOCATION	TOTAL BUDGET	FY PROJECTED ALLOCATIONS								PROJECT TOTAL
		TOTAL ESTIMATE	PRIOR YEARS	PROJECTED 2020	2021	2022	2023	2024	2025	
Prelim. Engineering Report										
Land/Right of Way										
Design/Surveying		\$350,000			\$350,000					\$350,000
Construction										
Equipment and Furniture										
Contingency										
<b>TOTAL COSTS</b>	<b>\$0</b>	<b>\$350,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$350,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$350,000</b>

FUNDING SOURCES	TOTAL BUDGET	FY PROJECTED FUNDING SOURCES								PROJECT TOTAL
		TOTAL ESTIMATE	PRIOR YEARS	PROJECTED 2020	2021	2022	2023	2024	2025	
General Project Fund Revenue										
Certificates of Obligation (CO)										
General Obligation Bonds (GO)										
New/Proposed CO Bonds										
New/Proposed GO Bonds										
W/S Revenue Bonds		\$350,000			\$350,000					\$350,000
W/S Project Fund Revenue										
Impact Fees										
Sales Taxes										
Other Funding Sources <sup>1</sup>										
<b>TOTAL SOURCES</b>	<b>\$0</b>	<b>\$350,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$350,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$350,000</b>

**Explain & Identify Type of Other Sources:**  
 To be funded from the Utility Fund budget.

Project Manager: City Engineer and the Public Services Director

**PROJECT DESCRIPTION**  
 This project includes rehabilitation of Lift Station 2. The condition assessment results showed this lift station to be in very poor condition. In the 2015 Utility Master Plan it recommends rehabilitating the electrical equipment and performing a structural repair on the slab. This project will increase the service life and reliability of the lift station.



**PROJECT ORIGIN AND JUSTIFICATION**  
 Identified in the 2015 Utility Master Plan by Freese and Nichols, Inc. that was approved by City Council on March 3, 2016

**INCREMENTAL OPERATING AND MAINTENANCE COSTS**

**Impact on operating budget**       No       Yes (See Below)

Fiscal Year	2020	2021	2022	2023	2024
<b>Total Revenue</b>					
Personnel Services					
Operation & Maintenance					
Capital Outlay					
<b>Total Expense</b>					

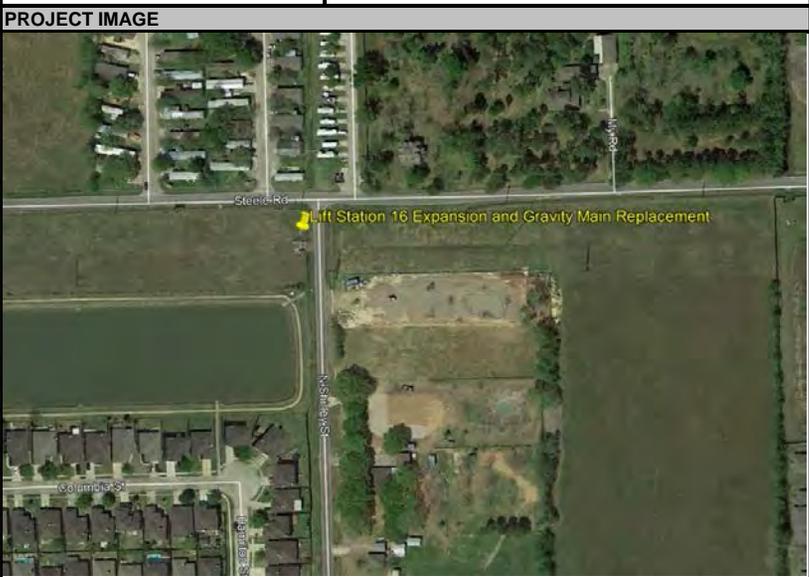
PROJECT COSTS ALLOCATION	TOTAL BUDGET	FY PROJECTED ALLOCATIONS								PROJECT TOTAL
		TOTAL ESTIMATE	PRIOR YEARS	PROJECTED 2020	2021	2022	2023	2024	2025	
Prelim. Engineering Report										
Land/Right of Way										
Design/Surveying		\$65,000				\$65,000				\$65,000
Construction		\$325,000				\$325,000				\$325,000
Equipment and Furniture										
Contingency										
<b>TOTAL COSTS</b>	<b>\$0</b>	<b>\$390,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$390,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$390,000</b>

FUNDING SOURCES	TOTAL BUDGET	FY PROJECTED FUNDING SOURCES								PROJECT TOTAL
		TOTAL ESTIMATE	PRIOR YEARS	PROJECTED 2020	2021	2022	2023	2024	2025	
General Project Fund Revenue										
Certificates of Obligation (CO)										
General Obligation Bonds (GO)										
New/Proposed CO Bonds										
New/Proposed GO Bonds										
W/S Revenue Bonds		\$390,000				\$390,000				\$390,000
W/S Project Fund Revenue										
Impact Fees										
Sales Taxes										
Other Funding Sources <sup>1</sup> -										
<b>TOTAL SOURCES</b>	<b>\$0</b>	<b>\$390,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$390,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$390,000</b>

**Explain & Identify Type of Other Sources:**

Project Manager: City Engineer

**PROJECT DESCRIPTION**  
 This project includes the expansion of Lift Station 16 from a firm pumping capacity of 1.64 Million Gallons per Day (MGD) to a firm pumping capacity of 5.0 MGD. This project includes a new 16 inch force main and upsizing of the gravity lines upstream of Lift Station 16 to Lift Station 1 and Lift Station 15. The proposed lift station expansion and proposed gravity lines are sized to convey projected 2035 peak wastewater flows from the Northwest Basin.



**PROJECT ORIGIN AND JUSTIFICATION**  
 Identified in the 2015 Utility Master Plan by Freese and Nichols, Inc. that was approved by City Council on March 3, 2016

**INCREMENTAL OPERATING AND MAINTENANCE COSTS**

**Impact on operating budget**       No       Yes (See Below)

Fiscal Year	2020	2021	2022	2023	2024
<b>Total Revenue</b>					
Personnel Services					
Operation & Maintenance					
Capital Outlay					
<b>Total Expense</b>					

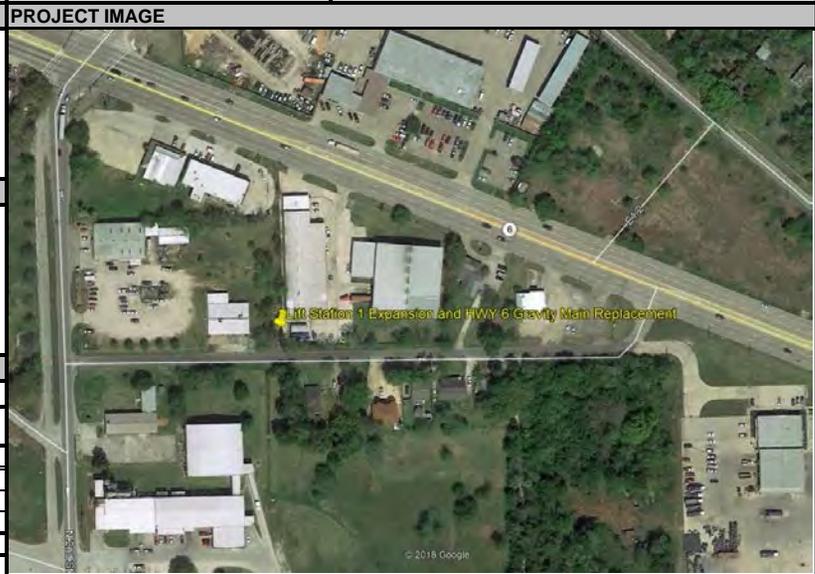
PROJECT COSTS ALLOCATION	TOTAL BUDGET	FY PROJECTED ALLOCATIONS								
		TOTAL ESTIMATE	PRIOR YEARS	PROJECTED 2020	2021	2022	2023	2024	2025	PROJECT TOTAL
Prelim. Engineering Report										
Land/Right of Way										
Design/Surveying		\$1,208,900				\$1,208,900				\$1,208,900
Construction		\$6,044,500				\$6,044,500				\$6,044,500
Equipment and Furniture										
Contingency										
<b>TOTAL COSTS</b>	<b>\$0</b>	<b>\$7,253,400</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$7,253,400</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$7,253,400</b>

FUNDING SOURCES	TOTAL BUDGET	FY PROJECTED FUNDING SOURCES								
		TOTAL ESTIMATE	PRIOR YEARS	PROJECTED 2020	2021	2022	2023	2024	2025	PROJECT TOTAL
General Project Fund Revenue										
Certificates of Obligation (CO)										
General Obligation Bonds (GO)										
New/Proposed CO Bonds										
New/Proposed GO Bonds										
W/S Revenue Bonds		\$7,253,400				\$7,253,400				\$7,253,400
W/S Project Fund Revenue										
Impact Fees										
Sales Taxes										
Other Funding Sources <sup>1</sup> -										
<b>TOTAL SOURCES</b>	<b>\$0</b>	<b>\$7,253,400</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$7,253,400</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$7,253,400</b>

**1** Explain & Identify Type of Other Sources:

Project Manager: City Engineer

**PROJECT DESCRIPTION**  
 This project includes the expansion of Lift Station 1 from a firm pumping capacity of 0.30 Million Gallons per Day (MGD) to a firm pumping capacity of 2.0 MGD. This project includes a new 12 inch force main and upsizing of the gravity lines upstream of Lift Station 1 along Highway 6. The proposed lift station expansion and proposed gravity lines are sized to convey projected 2035 peak wastewater flows from the Northwest Basin, including the Martha's Vineyard development.



**PROJECT ORIGIN AND JUSTIFICATION**  
 Identified in the 2015 Utility Master Plan by Freese and Nichols, Inc. that was approved by City Council on March 3, 2016

**INCREMENTAL OPERATING AND MAINTENANCE COSTS**

Impact on operating budget       No       Yes (See Below)

Fiscal Year	2020	2021	2022	2023	2024
<b>Total Revenue</b>					
Personnel Services					
Operation & Maintenance					
Capital Outlay					
<b>Total Expense</b>					

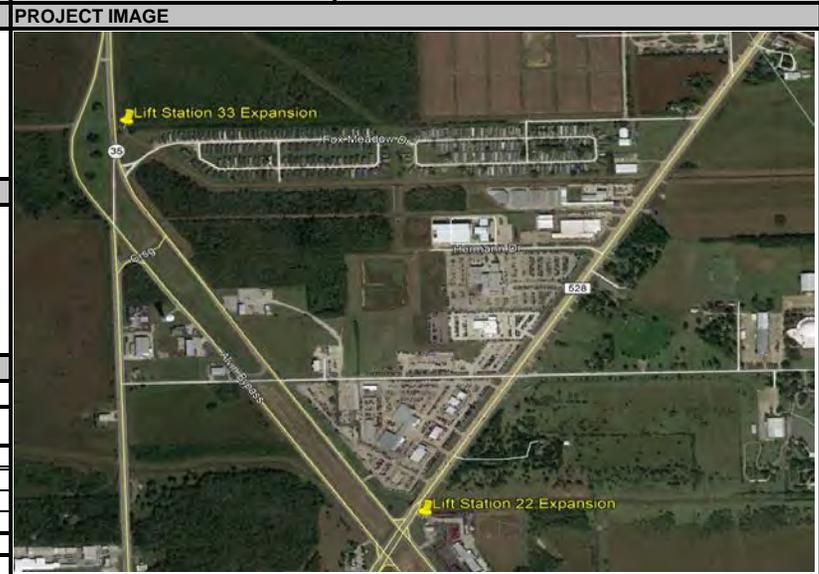
PROJECT COSTS ALLOCATION	TOTAL BUDGET	FY PROJECTED ALLOCATIONS								PROJECT TOTAL
		TOTAL ESTIMATE	PRIOR YEARS	PROJECTED 2020	2021	2022	2023	2024	2025	
Prelim. Engineering Report										
Land/Right of Way										
Design/Surveying		\$525,000					\$525,000			\$525,000
Construction		\$2,625,000					\$2,625,000			\$2,625,000
Equipment and Furniture										
Contingency										
<b>TOTAL COSTS</b>	<b>\$0</b>	<b>\$3,150,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$3,150,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$3,150,000</b>

FUNDING SOURCES	TOTAL BUDGET	FY PROJECTED FUNDING SOURCES								PROJECT TOTAL
		TOTAL ESTIMATE	PRIOR YEARS	PROJECTED 2020	2021	2022	2023	2024	2025	
General Project Fund Revenue										
Certificates of Obligation (CO)										
General Obligation Bonds (GO)										
New/Proposed CO Bonds										
New/Proposed GO Bonds										
W/S Revenue Bonds		\$3,150,000					\$3,150,000			\$3,150,000
W/S Project Fund Revenue										
Impact Fees										
Sales Taxes										
Other Funding Sources <sup>1</sup> -										
<b>TOTAL SOURCES</b>	<b>\$0</b>	<b>\$3,150,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$3,150,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$3,150,000</b>

<sup>1</sup>Explain & Identify Type of Other Sources:

Project Manager: City Engineer

**PROJECT DESCRIPTION**  
 This project includes the expansion of Lift Station 22 from a firm pumping capacity of 0.63 Million Gallons per Day (MGD) to a firm pumping capacity of 1.1 MGD, and the expansion of Lift Station 33 from a firm pumping capacity of 1.26 MGD to a firm pumping capacity of 2.4 MGD. The proposed lift station expansions are sized to convey projected 2035 peak wastewater flows from the Northeast Basin.



**PROJECT ORIGIN AND JUSTIFICATION**  
 Identified in the 2015 Utility Master Plan by Freese and Nichols, Inc. that was approved by City Council on March 3, 2016.

**INCREMENTAL OPERATING AND MAINTENANCE COSTS**

**Impact on operating budget**       No       Yes (See Below)

Fiscal Year	2020	2021	2022	2023	2024
<b>Total Revenue</b>					
Personnel Services					
Operation & Maintenance					
Capital Outlay					
<b>Total Expense</b>					

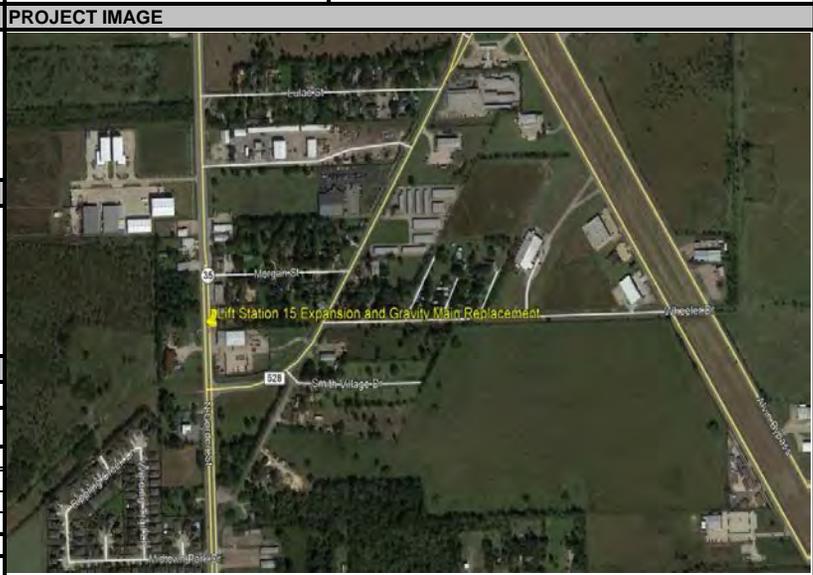
PROJECT COSTS ALLOCATION	TOTAL BUDGET	FY PROJECTED ALLOCATIONS								
		TOTAL ESTIMATE	PRIOR YEARS	PROJECTED 2020	2021	2022	2023	2024	2025	PROJECT TOTAL
Prelim. Engineering Report										
Land/Right of Way										
Design/Surveying		\$205,400						\$205,400		\$205,400
Construction		\$1,027,000						\$1,027,000		\$1,027,000
Equipment and Furniture										
Contingency										
<b>TOTAL COSTS</b>	<b>\$0</b>	<b>\$1,232,400</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,232,400</b>	<b>\$0</b>	<b>\$1,232,400</b>

FUNDING SOURCES	TOTAL BUDGET	FY PROJECTED FUNDING SOURCES								
		TOTAL ESTIMATE	PRIOR YEARS	PROJECTED 2020	2021	2022	2023	2024	2025	PROJECT TOTAL
General Project Fund Revenue										
Certificates of Obligation (CO)										
General Obligation Bonds (GO)										
New/Proposed CO Bonds										
New/Proposed GO Bonds										
W/S Revenue Bonds		\$1,232,400						\$1,232,400		\$1,232,400
W/S Project Fund Revenue										
Impact Fees										
Sales Taxes										
Other Funding Sources <sup>1</sup> -										
<b>TOTAL SOURCES</b>	<b>\$0</b>	<b>\$1,232,400</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,232,400</b>	<b>\$0</b>	<b>\$1,232,400</b>

**1** Explain & Identify Type of Other Sources:

Project Manager: City Engineer

**PROJECT DESCRIPTION**  
 This project includes the expansion of Lift Station 15 from a firm pumping capacity of 0.66 Million Gallons per Day (MGD) to a firm pumping capacity of 1.35 MGD. This project includes a new 12 inch force main and upsizing of the gravity lines upstream of Lift Station 15 along State Highway 35. The proposed lift station expansion and proposed gravity lines are sized to convey projected 2035 peak wastewater flows from the Kendall Lakes Light Industrial Park development.



**PROJECT ORIGIN AND JUSTIFICATION**  
 Identified in the 2015 Utility Master Plan by Freese and Nichols, Inc. that was approved by City Council on March 3, 2016

**INCREMENTAL OPERATING AND MAINTENANCE COSTS**

**Impact on operating budget**       No       Yes (See Below)

Fiscal Year	2020	2021	2022	2023	2024
<b>Total Revenue</b>					
Personnel Services					
Operation & Maintenance					
Capital Outlay					
<b>Total Expense</b>					

PROJECT COSTS ALLOCATION	TOTAL BUDGET	FY PROJECTED ALLOCATIONS								PROJECT TOTAL
		TOTAL ESTIMATE	PRIOR YEARS	PROJECTED 2020	2021	2022	2023	2024	2025	
Prelim. Engineering Report										
Land/Right of Way										
Design/Surveying		\$315,000					\$315,000			\$315,000
Construction		\$1,574,900					\$1,574,900			\$1,574,900
Equipment and Furniture										
Contingency										
<b>TOTAL COSTS</b>	<b>\$0</b>	<b>\$1,889,900</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,889,900</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,889,900</b>

FUNDING SOURCES	TOTAL BUDGET	FY PROJECTED FUNDING SOURCES								PROJECT TOTAL
		TOTAL ESTIMATE	PRIOR YEARS	PROJECTED 2020	2021	2022	2023	2024	2025	
General Project Fund Revenue										
Certificates of Obligation (CO)										
General Obligation Bonds (GO)										
New/Proposed CO Bonds										
New/Proposed GO Bonds										
W/S Revenue Bonds		\$1,889,900					\$1,889,900			\$1,889,900
W/S Project Fund Revenue										
Impact Fees										
Sales Taxes										
Other Funding Sources <sup>1</sup> -										
<b>TOTAL SOURCES</b>	<b>\$0</b>	<b>\$1,889,900</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,889,900</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,889,900</b>

**1** Explain & Identify Type of Other Sources:

Project Manager: City Engineer

**PROJECT DESCRIPTION**  
 This project includes the expansion of Lift Station 35 from a firm pumping capacity of 0.68 Million Gallons per Day (MGD) to a firm pumping capacity of 0.82 MGD. The proposed lift station expansion is sized to convey the additional peak flows from the Martha's Vineyard development.



**PROJECT ORIGIN AND JUSTIFICATION**  
 Identified in the 2015 Utility Master Plan by Freese and Nichols, Inc. that was approved by City Council on March 3, 2016.

**INCREMENTAL OPERATING AND MAINTENANCE COSTS**

**Impact on operating budget**       No       Yes (See Below)

Fiscal Year	2020	2021	2022	2023	2024
<b>Total Revenue</b>					
Personnel Services					
Operation & Maintenance					
Capital Outlay					
<b>Total Expense</b>					

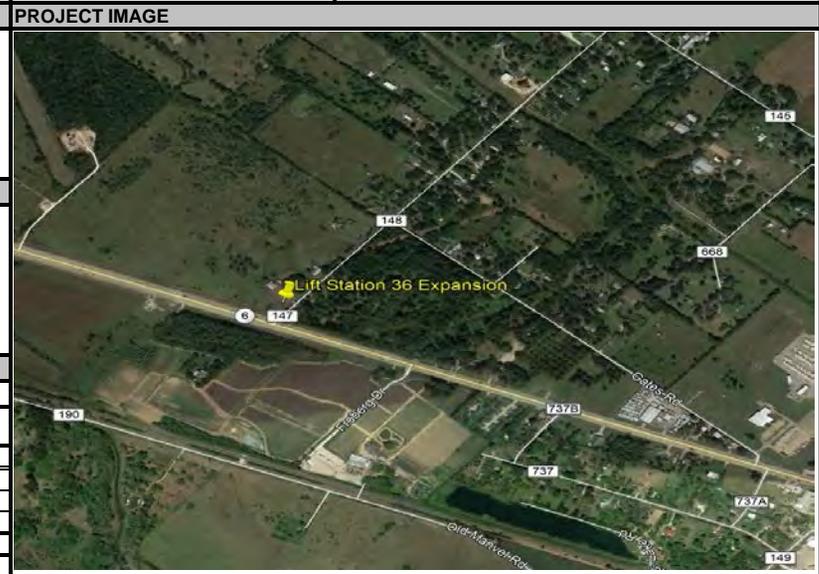
PROJECT COSTS ALLOCATION	TOTAL BUDGET	FY PROJECTED ALLOCATIONS								PROJECT TOTAL
		TOTAL ESTIMATE	PRIOR YEARS	PROJECTED 2020	2021	2022	2023	2024	2025	
Prelim. Engineering Report										
Land/Right of Way										
Design/Surveying		\$107,700					\$107,700			\$107,700
Construction		\$538,200					\$538,200			\$538,200
Equipment and Furniture										
Contingency										
<b>TOTAL COSTS</b>	<b>\$0</b>	<b>\$645,900</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$645,900</b>	<b>\$0</b>	<b>\$0</b>	<b>\$645,900</b>

FUNDING SOURCES	TOTAL BUDGET	FY PROJECTED FUNDING SOURCES								PROJECT TOTAL
		TOTAL ESTIMATE	PRIOR YEARS	PROJECTED 2020	2021	2022	2023	2024	2025	
General Project Fund Revenue										
Certificates of Obligation (CO)										
General Obligation Bonds (GO)										
New/Proposed CO Bonds										
New/Proposed GO Bonds										
W/S Revenue Bonds		\$645,900					\$645,900			\$645,900
W/S Project Fund Revenue										
Impact Fees										
Sales Taxes										
Other Funding Sources <sup>1</sup> -										
<b>TOTAL SOURCES</b>	<b>\$0</b>	<b>\$645,900</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$645,900</b>	<b>\$0</b>	<b>\$0</b>	<b>\$645,900</b>

**Explain & Identify Type of Other Sources:**

Project Manager: City Engineer

**PROJECT DESCRIPTION**  
 This project includes the expansion of Lift Station 36 from a firm pumping capacity of 0.38 Million Gallons per Day (MGD) to a firm pumping capacity of 0.55 MGD. The proposed lift station expansion is sized to convey the additional peak flows from the Martha's Vineyard development.



**PROJECT ORIGIN AND JUSTIFICATION**  
 Identified in the 2015 Utility Master Plan by Freese and Nichols, Inc. that was approved by City Council on March 3, 2016.

**INCREMENTAL OPERATING AND MAINTENANCE COSTS**

**Impact on operating budget**       No       Yes (See Below)

Fiscal Year	2020	2021	2022	2023	2024
<b>Total Revenue</b>					
Personnel Services					
Operation & Maintenance					
Capital Outlay					
<b>Total Expense</b>					

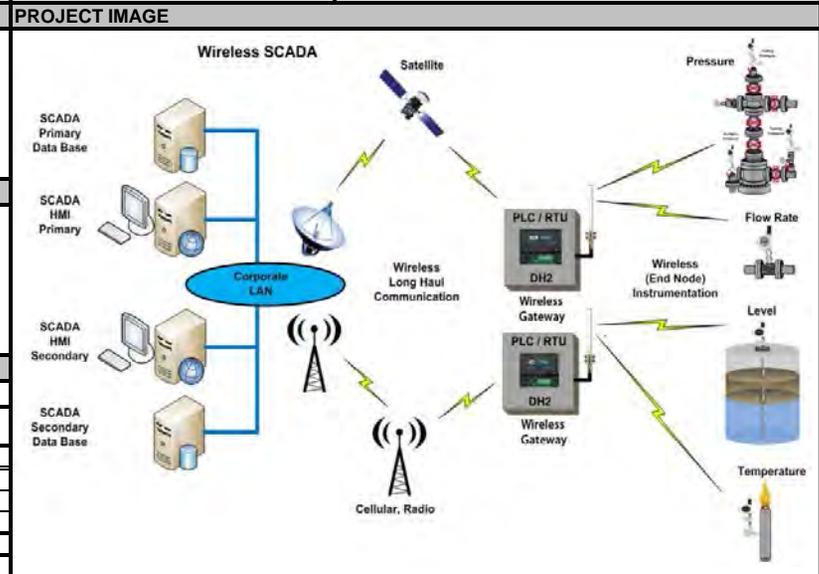
PROJECT COSTS ALLOCATION	TOTAL BUDGET	FY PROJECTED ALLOCATIONS								
		TOTAL ESTIMATE	PRIOR YEARS	PROJECTED 2020	2021	2022	2023	2024	2025	PROJECT TOTAL
Prelim. Engineering Report										
Land/Right of Way										
Design/Surveying		\$72,600						\$72,600		\$72,600
Construction		\$362,700						\$362,700		\$362,700
Equipment and Furniture										
Contingency										
<b>TOTAL COSTS</b>	<b>\$0</b>	<b>\$435,300</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$435,300</b>	<b>\$0</b>	<b>\$435,300</b>

FUNDING SOURCES	TOTAL BUDGET	FY PROJECTED FUNDING SOURCES								
		TOTAL ESTIMATE	PRIOR YEARS	PROJECTED 2020	2021	2022	2023	2024	2025	PROJECT TOTAL
General Project Fund Revenue										
Certificates of Obligation (CO)										
General Obligation Bonds (GO)										
New/Proposed CO Bonds										
New/Proposed GO Bonds										
W/S Revenue Bonds		\$435,300						\$435,300		\$435,300
W/S Project Fund Revenue										
Impact Fees										
Sales Taxes										
Other Funding Sources <sup>1</sup> -										
<b>TOTAL SOURCES</b>	<b>\$0</b>	<b>\$435,300</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$435,300</b>	<b>\$0</b>	<b>\$435,300</b>

**1** Explain & Identify Type of Other Sources:

Project Manager: City Engineer

**PROJECT DESCRIPTION**  
 This project includes the installation of a Wastewater Supervisory Control and Data Acquisition (SCADA) system. The Utility Master Plan recommends that the wastewater SCADA system be connected to the operation of the peak flow basin. This system would allow City Staff to optimize the operation of the wastewater system.



**PROJECT ORIGIN AND JUSTIFICATION**  
 Identified in the 2015 Utility Master Plan by Freese and Nichols, Inc. that was approved by City Council on March 3, 2016.

**INCREMENTAL OPERATING AND MAINTENANCE COSTS**

Impact on operating budget  No  Yes (See Below)

Fiscal Year	2020	2021	2022	2023	2024
<b>Total Revenue</b>					
Personnel Services					
Operation & Maintenance					
Capital Outlay					
<b>Total Expense</b>					

PROJECT COSTS ALLOCATION	TOTAL BUDGET	FY PROJECTED ALLOCATIONS								PROJECT TOTAL
		TOTAL ESTIMATE	PRIOR YEARS	PROJECTED 2020	2021	2022	2023	2024	2025	
Prelim. Engineering Report										
Land/Right of Way										
Design/Surveying		\$395,600							\$395,600	\$395,600
Construction		\$1,978,000							\$1,978,000	\$1,978,000
Equipment and Furniture										
Contingency										
<b>TOTAL COSTS</b>	<b>\$0</b>	<b>\$2,373,600</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$2,373,600</b>	<b>\$2,373,600</b>

FUNDING SOURCES	TOTAL BUDGET	FY PROJECTED FUNDING SOURCES								PROJECT TOTAL
		TOTAL ESTIMATE	PRIOR YEARS	PROJECTED 2020	2021	2022	2023	2024	2025	
General Project Fund Revenue										
Certificates of Obligation (CO)										
General Obligation Bonds (GO)										
New/Proposed CO Bonds										
New/Proposed GO Bonds										
W/S Revenue Bonds		\$2,373,600							\$2,373,600	\$2,373,600
W/S Project Fund Revenue										
Impact Fees										
Sales Taxes										
Other Funding Sources <sup>1</sup> -										
<b>TOTAL SOURCES</b>	<b>\$0</b>	<b>\$2,373,600</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$2,373,600</b>	<b>\$2,373,600</b>

<sup>1</sup>Explain & Identify Type of Other Sources:

Project Manager: City Engineer and the Public Services Director