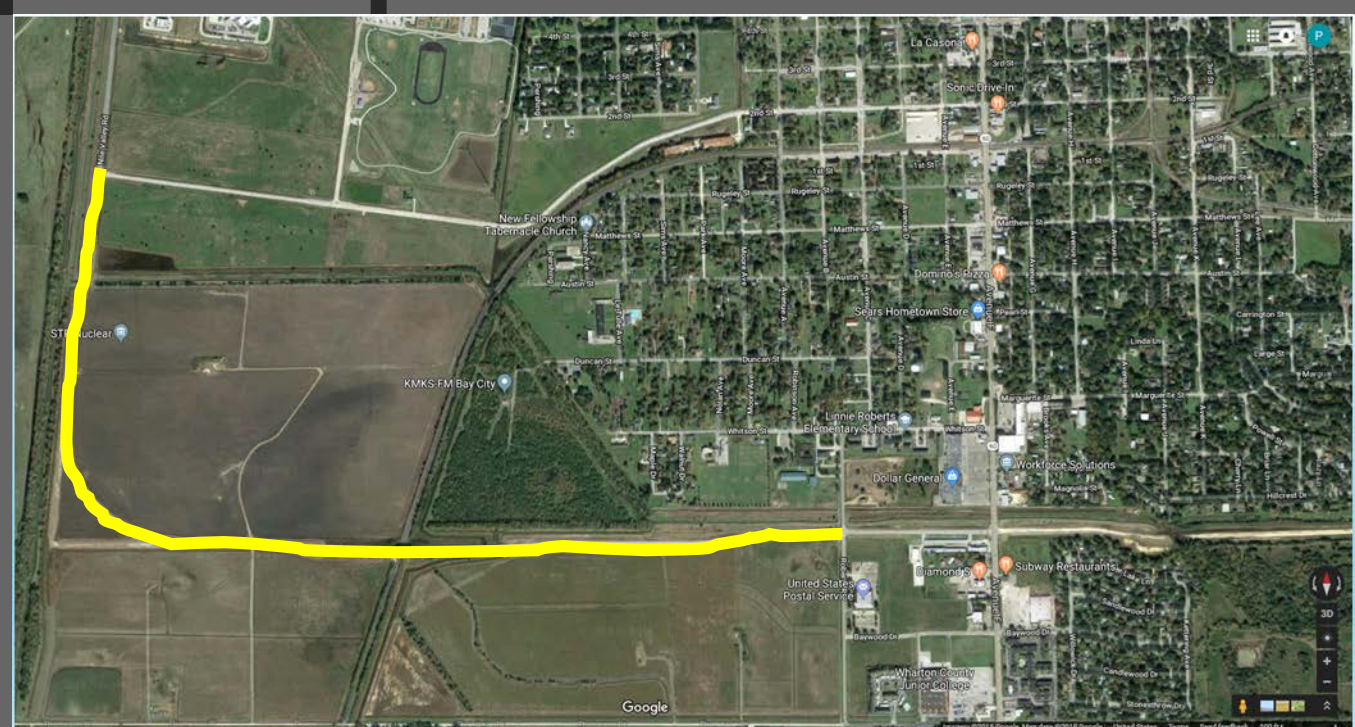




# City of Bay City

## 5-Year Capital Improvements Program 2021 - 2025





# 5-Year Capital Plan Summary

## City Wide

General Fund	Amount	2021	2022	2023	2024	2025
Streets, Drainage & Sidewalks	\$ 17,318,006	\$ 6,893,006	\$ 4,775,000	\$ 1,550,000	\$ 400,000	\$ 3,700,000
Parks	\$ 27,255,485	\$ 300,000	\$ 80,000	\$ 125,000	\$ 3,625,000	\$ 23,125,485
Building & Improvements	\$ 33,251,000	\$ 325,000	\$ 326,000	\$ 100,000	\$ 2,500,000	\$ 30,000,000
Equipment	\$ 1,124,000	\$ 219,000	\$ 55,000	\$ 255,000	\$ -	\$ 595,000
<b>Total General Fund:</b>	<b>\$ 78,948,491</b>	<b>\$ 7,737,006</b>	<b>\$ 5,236,000</b>	<b>\$ 2,030,000</b>	<b>\$ 6,525,000</b>	<b>\$ 57,420,485</b>

Utility Fund	Amount	2021	2022	2023	2024	2025
Water	\$ 22,779,269	\$ 2,763,069	\$ 6,174,000	\$ 4,613,200	\$ 5,256,000	\$ 3,973,000
Wastewater	\$ 14,720,000	\$ 6,000,000	\$ 6,310,000	\$ 2,300,000	\$ 110,000	\$ -
Building & Improvements	\$ 527,600	\$ -	\$ 50,000	\$ -	\$ 377,600	\$ 100,000
Equipment	\$ 930,000	\$ 523,000	\$ 227,000	\$ 45,000	\$ 90,000	\$ 45,000
<b>Total Utility Fund:</b>	<b>\$ 38,956,869</b>	<b>\$ 9,286,069</b>	<b>\$ 12,761,000</b>	<b>\$ 6,958,200</b>	<b>\$ 5,833,600</b>	<b>\$ 4,118,000</b>

Airport Fund	Amount	2021	2022	2023	2024	2025
Bay City Regional Airport	\$ 13,066,000	\$ -	\$ 8,475,000	\$ 470,000	\$ 693,000	\$ 3,428,000
Building & Improvements	\$ 5,677,000	\$ -	\$ -	\$ -	\$ -	\$ 5,677,000
Equipment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>Total Airport Fund:</b>	<b>\$ 18,743,000</b>	<b>\$ -</b>	<b>\$ 8,475,000</b>	<b>\$ 470,000</b>	<b>\$ 693,000</b>	<b>\$ 9,105,000</b>

<b>Totals:</b>	<b>\$ 136,648,360</b>	<b>\$ 17,023,075</b>	<b>\$ 26,472,000</b>	<b>\$ 9,458,200</b>	<b>\$ 13,051,600</b>	<b>\$ 70,643,485</b>
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# 5-Year CIP – General Fund Summary

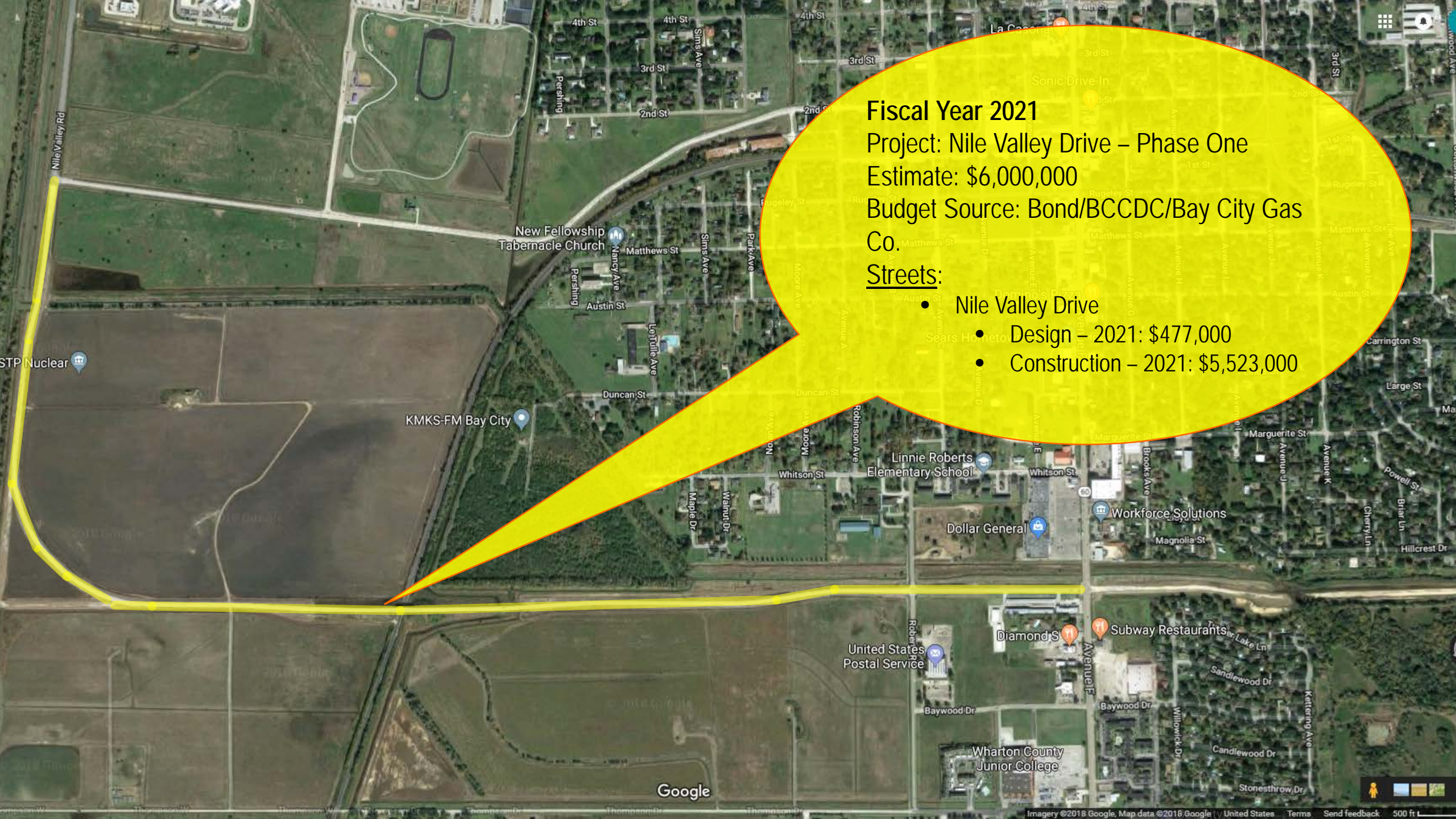
General Fund	Amount	2021	2022	2023	2024	2025
Streets, Drainage & Sidewalks	\$ 17,318,006	\$ 6,893,006	\$ 4,775,000	\$ 1,550,000	\$ 400,000	\$ 3,700,000
Parks	\$ 27,255,485	\$ 300,000	\$ 80,000	\$ 125,000	\$ 3,625,000	\$ 23,125,485
Building & Improvements	\$ 33,251,000	\$ 325,000	\$ 326,000	\$ 100,000	\$ 2,500,000	\$ 30,000,000
Equipment	\$ 1,124,000	\$ 219,000	\$ 55,000	\$ 255,000	\$ -	\$ 595,000
<b>Total General Fund:</b>	<b>\$ 78,948,491</b>	<b>\$ 7,737,006</b>	<b>\$ 5,236,000</b>	<b>\$ 2,030,000</b>	<b>\$ 6,525,000</b>	<b>\$ 57,420,485</b>



# 5-Year CIP – Public Works Projects (Streets, Drainage, Sidewalks)

Streets, Drainage & Sidewalks	Amount	2021	2022	2023	2024	2025
Street Reconstruction Projects	\$ 2,500,000		1,250,000	1,250,000		
Street Seal Coat Projects	\$ 200,000					200,000
Sidewalk New/Replace Project	\$ 50,000				50,000	
Sidewalk New/Replace Project (TxDOT, TCF, etc.)	\$ 325,000		325,000			
Nile Valley Drive SH35W to SH60S - Phase I Design*	\$ 477,000	477,000				
Nile Valley Drive SH35W to SH60S - Phase I Construction*	\$ 5,523,000	5,523,000				
Nile Valley Drive - UPRR Bridge Rehab	\$ 500,000		200,000	300,000		
Nile Valley Drive - Phase II Design	\$ 350,000				350,000	
Nile Valley Drive - Phase II Construction	\$ 3,500,000					3,500,000
Diversion Channel Improvements CDBG-DR Grant (Harvey)	\$ 287,006	287,006				
Cottonwood Creek Improvements RESTORE Act Grant	\$ 200,000	200,000				
Drainage Study	\$ 306,000	306,000				
Drainage Construction- GLO Grant	\$ 3,000,000		3,000,000			
Drainage Improvements	\$ 100,000	100,000				
<b>Totals for Street &amp; Sidewalk Projects:</b>	<b>\$ 17,318,006</b>	<b>\$ 6,893,006</b>	<b>\$ 4,775,000</b>	<b>\$ 1,550,000</b>	<b>\$ 400,000</b>	<b>\$ 3,700,000</b>

\*Bay City Community Development Corporation & Bay City Gas Company funding the Nile Valley Road Project in FY 2021



**Fiscal Year 2021**

Project: Nile Valley Drive – Phase One

Estimate: \$6,000,000

Budget Source: Bond/BCCDC/Bay City Gas Co.

Streets:

- Nile Valley Drive
- Design – 2021: \$477,000
- Construction – 2021: \$5,523,000

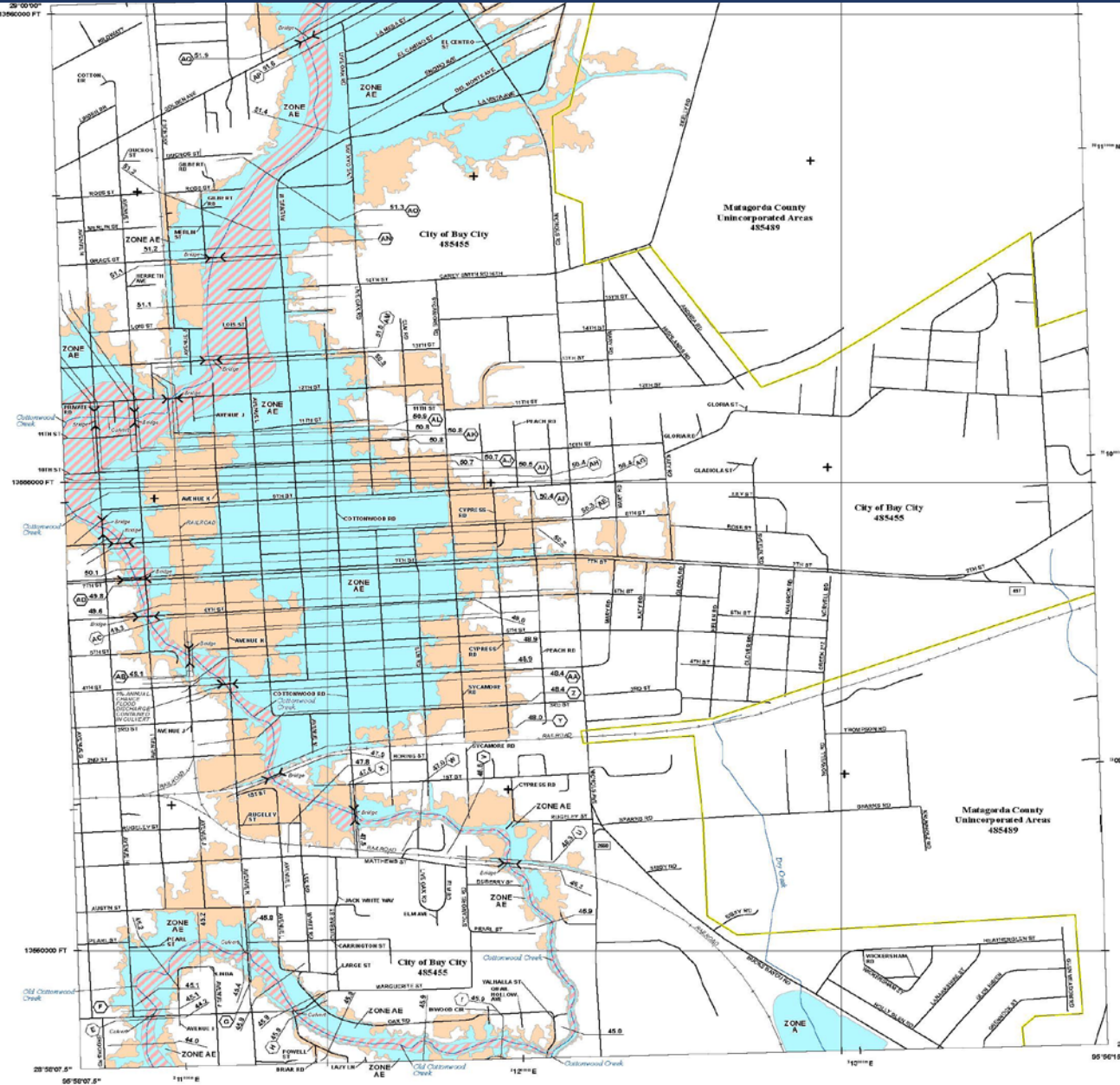


# 5-Year CIP – Public Works Projects (Streets, Drainage, Sidewalks)

## Fiscal Year 2021

- 1. Diversion Channel Improvements - \$287,006
- 2. Cottonwood Creek Improvements - \$200,000
- 3. Regional Drainage Study - \$306,000
- 4. Drainage Maintenance Improvements - \$100,000

Budget Source: Grant, BCCDC, MCD1



**Diversion Channel**  
Diversion Channel for Cottonwood Creek floodwater overflow to Colorado River





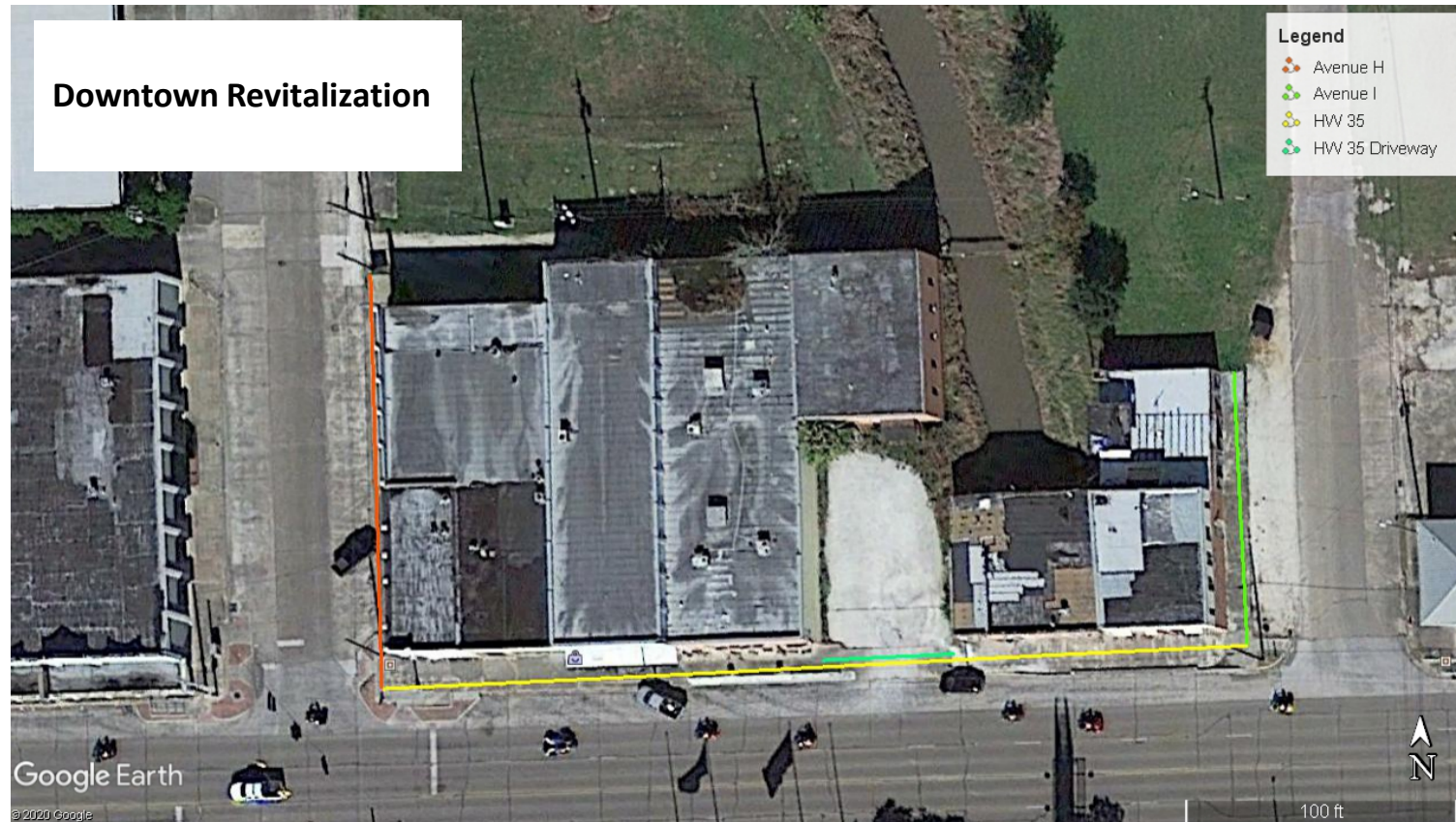
# 5-Year CIP – Public Works Projects (Streets, Drainage, Sidewalks)

Fiscal Year 2022

Project: Main Street Sidewalk Improvements Project

Estimate: \$325,000

Budget Source: Grant, BCCDC



## Fiscal Year 2022

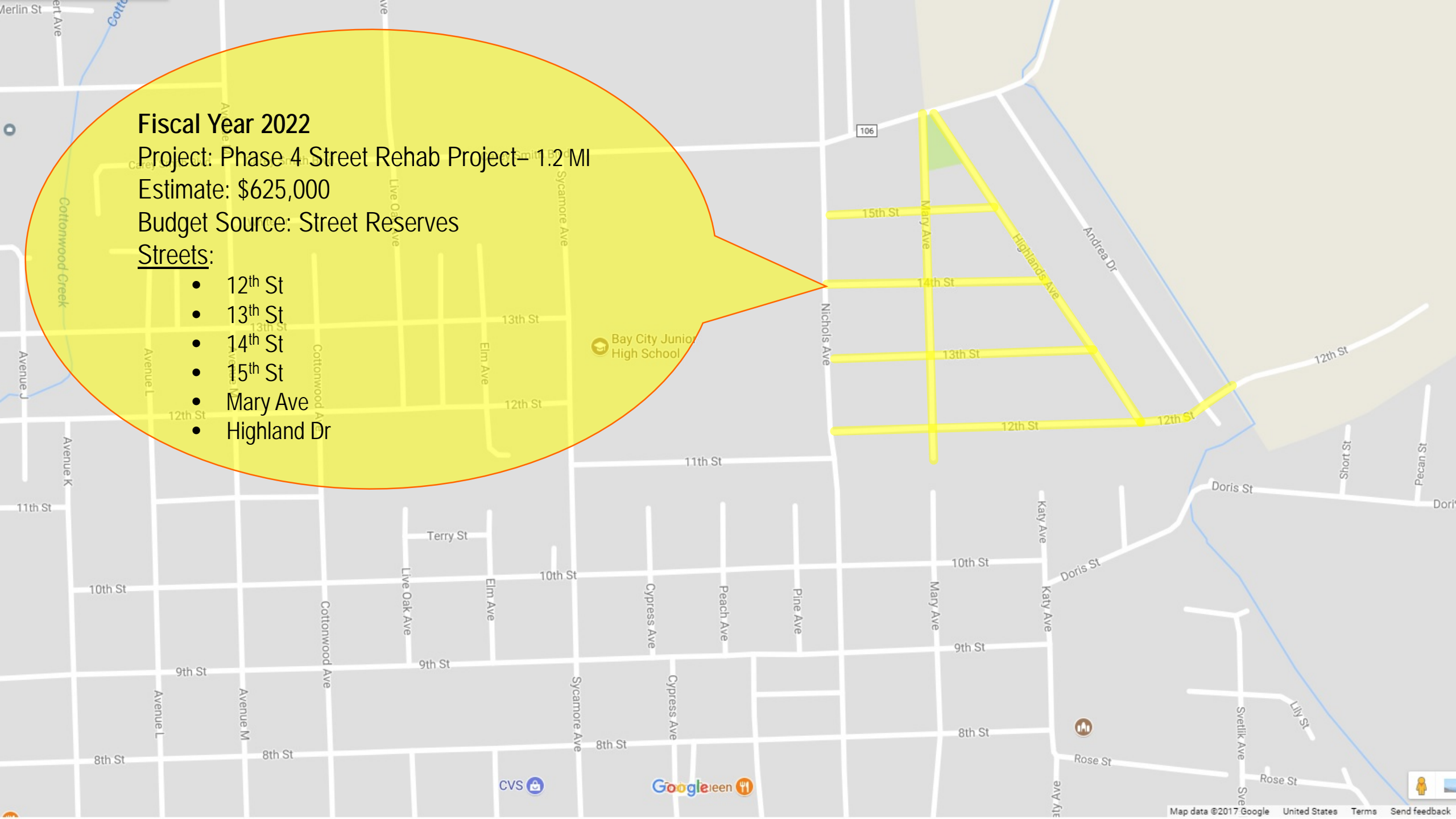
Project: Phase 4 Street Rehab Project - 1.2 MI

Estimate: \$625,000

Budget Source: Street Reserves

### Streets:

- 12<sup>th</sup> St
- 13<sup>th</sup> St
- 14<sup>th</sup> St
- 15<sup>th</sup> St
- Mary Ave
- Highland Dr





## Cont. Fiscal Year 2022

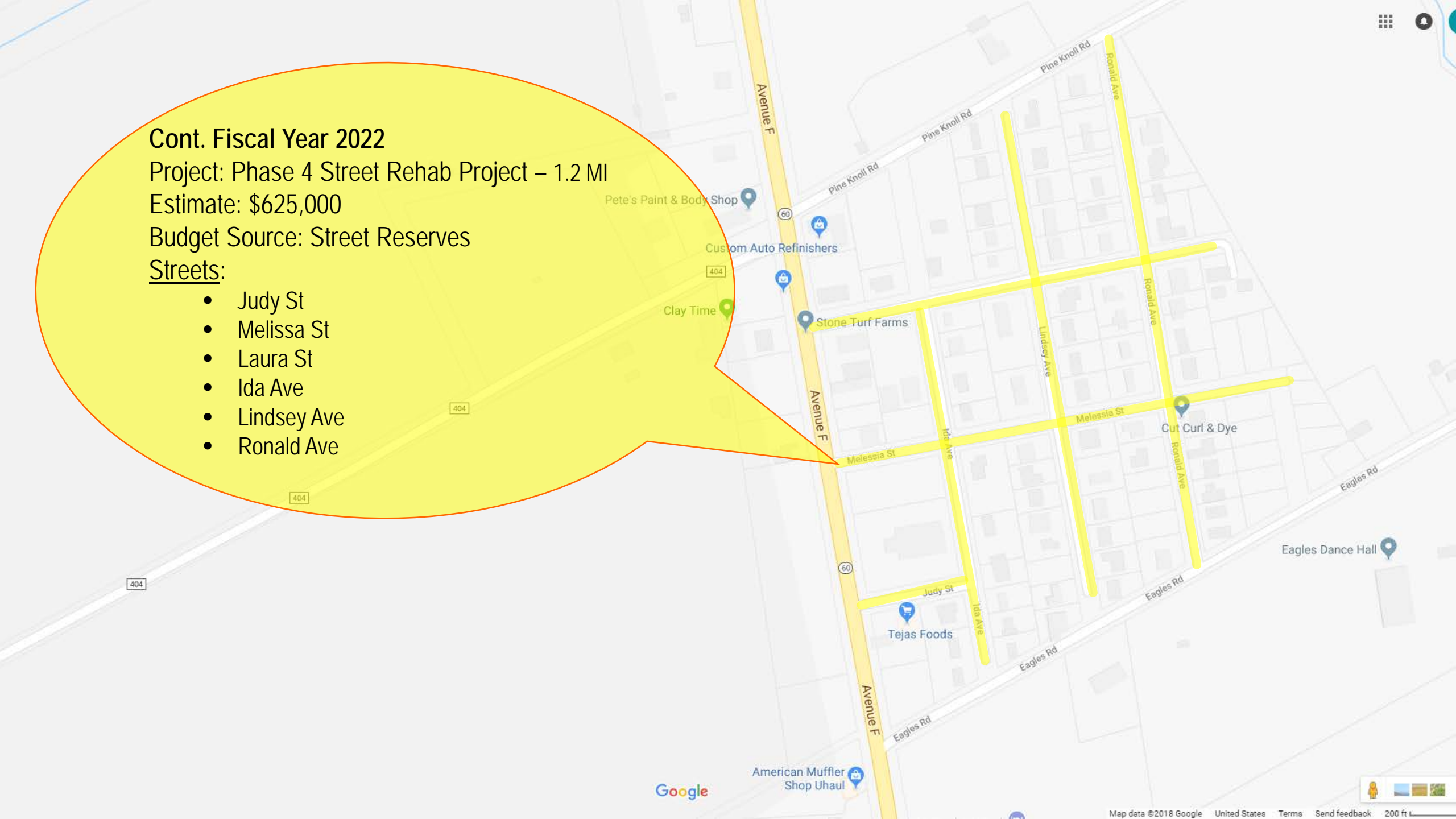
Project: Phase 4 Street Rehab Project – 1.2 MI

Estimate: \$625,000

Budget Source: Street Reserves

### Streets:

- Judy St
- Melissa St
- Laura St
- Ida Ave
- Lindsey Ave
- Ronald Ave



**Fiscal Year 2023**

Project: Phase 4 Street Rehab

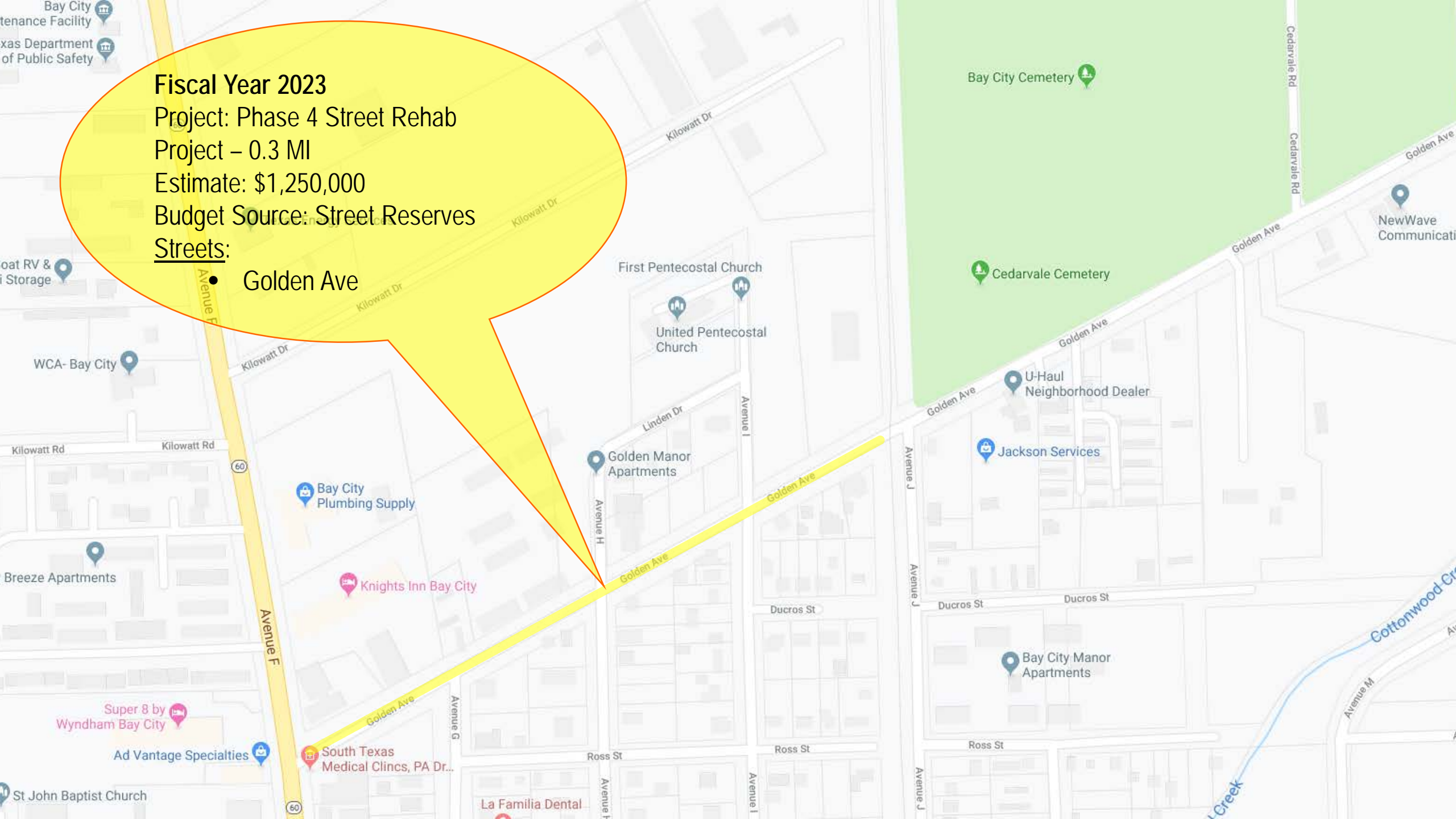
Project – 0.3 MI

Estimate: \$1,250,000

Budget Source: Street Reserves

Streets:

- Golden Ave





# 5-Year CIP – Public Works Projects & Source of Funding (Streets, Drainage, Sidewalks)

Streets, Drainage & Sidewalks	Amount	2021	2022	2023	2024	2025
Street Reconstruction Projects	\$ 2,500,000		1,250,000	1,250,000		
Street Seal Coat Projects	\$ 200,000					200,000
Sidewalk New/Replace Project	\$ 50,000				50,000	
Sidewalk New/Replace Project (TxDOT, TCF, etc.)	\$ 325,000		325,000			
Nile Valley Drive SH35W to SH60S - Phase I Design*	\$ 477,000	477,000				
Nile Valley Drive SH35W to SH60S - Phase I Construction*	\$ 5,523,000	5,523,000				
Nile Valley Drive - UPRR Bridge Rehab	\$ 500,000		200,000	300,000		
Nile Valley Drive - Phase II Design	\$ 350,000				350,000	
Nile Valley Drive - Phase II Construction	\$ 3,500,000					3,500,000
Diversion Channel Improvements CDBG-DR Grant (Harvey)	\$ 287,006	287,006				
Cottonwood Creek Improvements RESTORE Act Grant	\$ 200,000	200,000				
Drainage Study	\$ 306,000	306,000				
Drainage Construction- GLO Grant	\$ 3,000,000		3,000,000			
Drainage Improvements	\$ 100,000	100,000				
<b>Totals for Street &amp; Sidewalk Projects:</b>	<b>\$ 17,318,006</b>	<b>\$ 6,893,006</b>	<b>\$ 4,775,000</b>	<b>\$ 1,550,000</b>	<b>\$ 400,000</b>	<b>\$ 3,700,000</b>
Sources of Funds:	Amount	2021	2022	2023	2024	2025
Operating Budget	\$ 1,315,000	115,000	200,000	400,000	400,000	200,000
Grants (EDA, TDA, H-GAC, LCRA, TxDOT, etc.)	\$ 3,737,006	487,006	3,250,000			
Transfers	\$ -					
Other Sources (ie. BCCDC, Interlocals, Donations, etc.)	\$ 366,000	291,000	75,000			
Bond/Loan Proceeds (i.e. TWDB, etc.)	\$ 9,500,000	6,000,000				3,500,000
Hotel/Motel	\$ -					
Operational Savings (Reserves)	\$ -					
Tax Note or Capital Lease	\$ -					
Street/Sidewalk (Reserves) - Fund 28	\$ 2,400,000		1,250,000	1,150,000		
<b>Total Resources Planned:</b>	<b>\$ 17,318,006</b>	<b>\$ 6,893,006</b>	<b>\$ 4,775,000</b>	<b>\$ 1,550,000</b>	<b>\$ 400,000</b>	<b>\$ 3,700,000</b>



# 5-Year CIP – Parks Projects

Parks & Recreation	Amount	2021	2022	2023	2024	2025
Southern Pacific Trailway - TxDOT Grant	\$ 1,315,485					1,315,485
Park Improvements- Splash Pad	\$ 300,000	300,000				
Park Improvements- Neighborhood Playgrounds	\$ 80,000		80,000			
Park Improvements- Community Park (Pickleball)	\$ 100,000				100,000	
Park Improvements- 16th Street Pool	\$ 3,500,000				525,000	2,975,000
Ball Field Lighting - Hardeman Park	\$ 335,000					335,000
Ball Field Lighting - Soccer Field @ Whitson	\$ 125,000			125,000		
Aquatics Center	\$ 20,000,000				3,000,000	17,000,000
Performance Pavillion- LeTulle	\$ 1,500,000					1,500,000
<b>Totals for Parks Projects:</b>	<b>\$ 27,255,485</b>	<b>\$ 300,000</b>	<b>\$ 80,000</b>	<b>\$ 125,000</b>	<b>\$ 3,625,000</b>	<b>\$ 23,125,485</b>



# 5-Year CIP – Parks Projects

Fiscal Year 2021

Project: Park Splash Pad

Estimate: \$300,000

Budget Source: Operating Budget





## 5-Year CIP – Parks Projects

Fiscal Year 2022

Project: Neighborhood Playgrounds

Estimate: \$80,000

Budget Source: Operating Budget



Bay City, Texas



# 5-Year CIP – Parks Projects

Fiscal Year 2023, 2025  
Project: Ball Field Lighting  
Improvements  
Estimate: \$460,000  
Funding Sources: Operating  
Budget, Other Sources





# 5-Year CIP – Parks Projects

Fiscal Year 2024 & 2025

Project: 16<sup>th</sup> Street Pool

Estimate: \$3,500,000

Budget Source: Bond/Other Sources







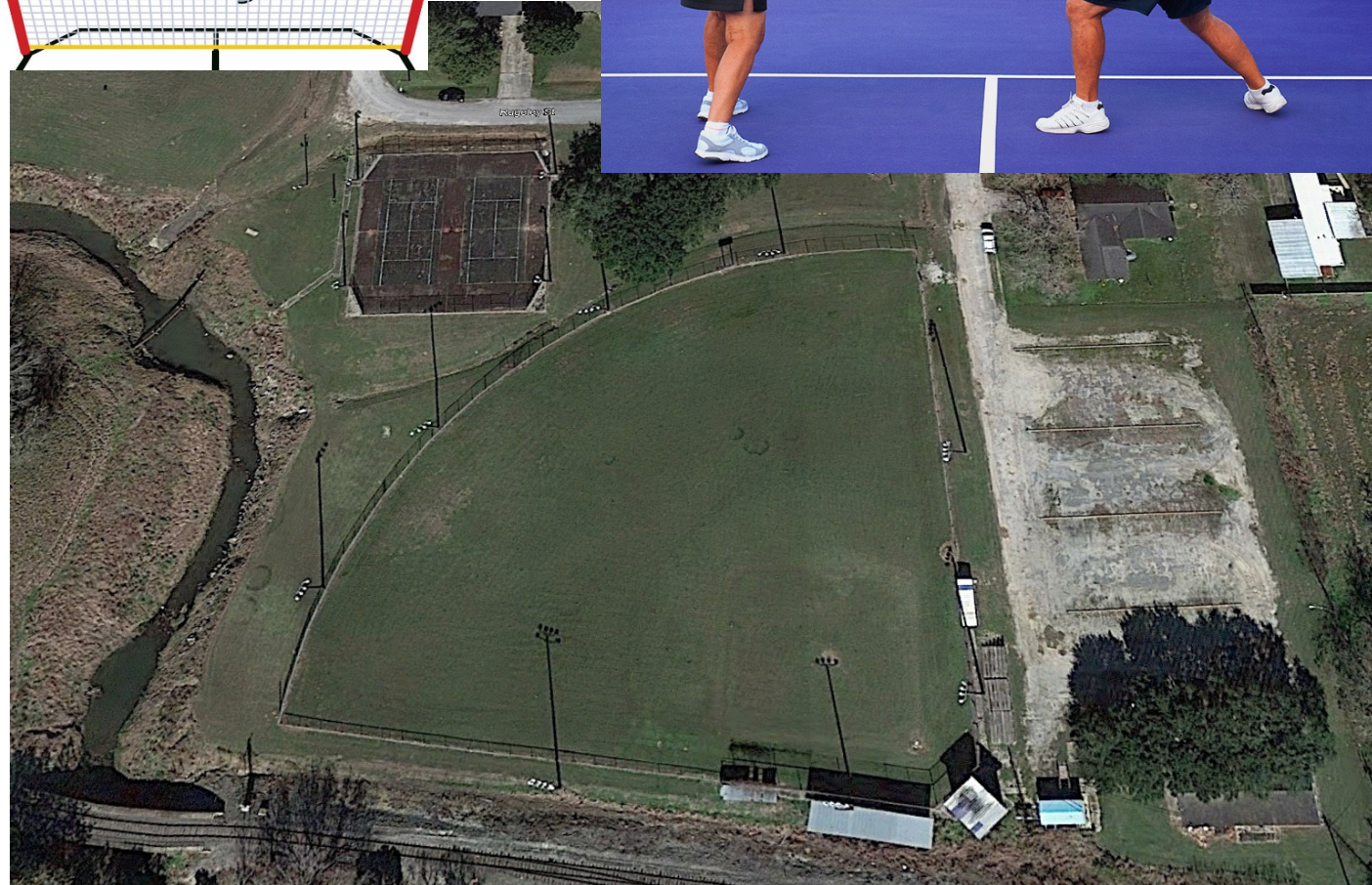
# 5-Year CIP – Parks Projects

Fiscal Year 2024

Project: Community Park

Estimate: \$100,000

Budget Source: Operating  
Budget/Other Sources



**Fiscal Year 2025**

Project: Southern Pacific Railway – 2,000 LF  
(Cottonwood Ave to Ave H)

Estimate: \$1,315,485

Budget Source: Grant/Reserves  
\$164,000 (Engineering, Admin,  
Environmental)

\$1,151,485 (Construction)

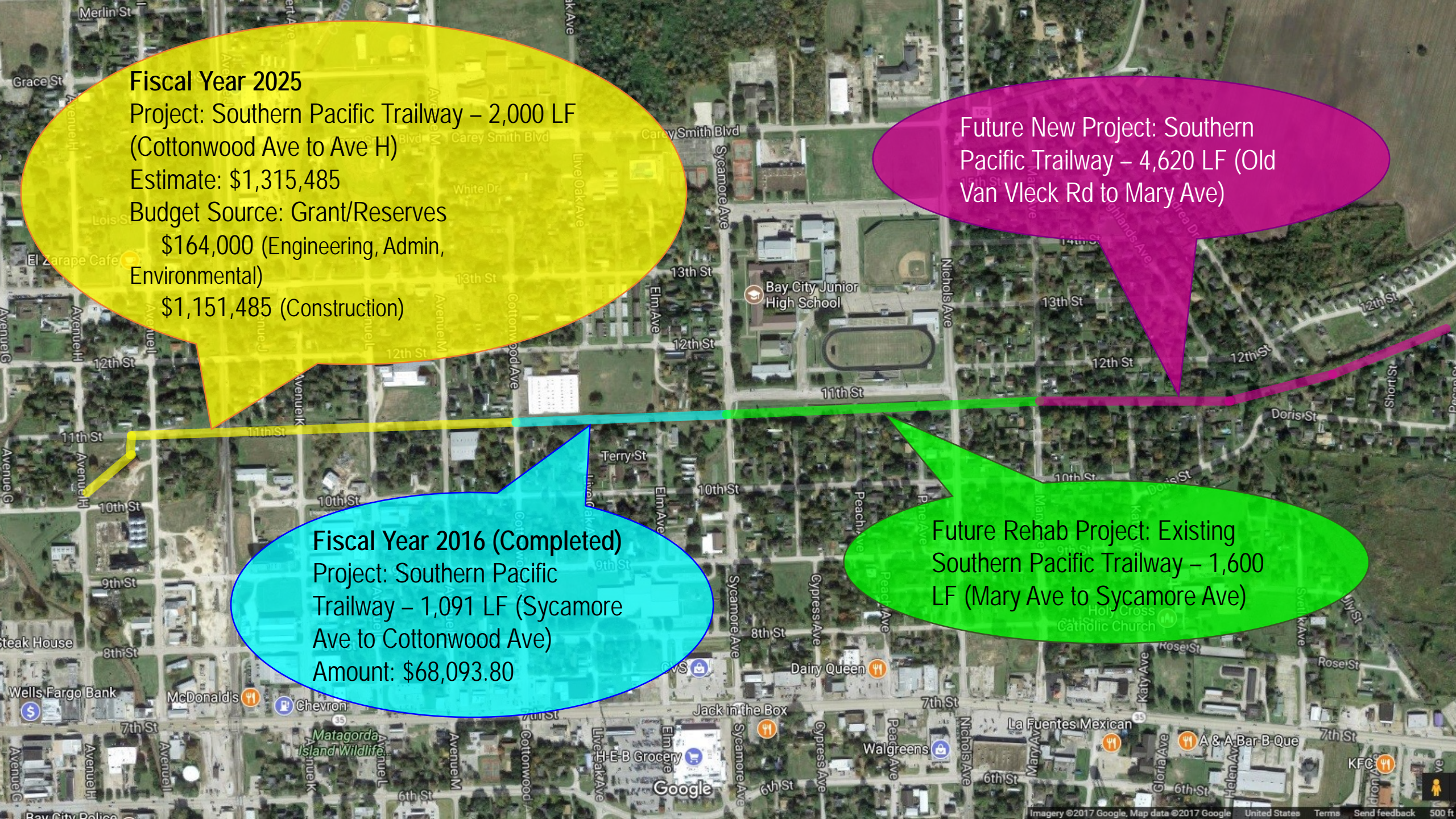
Future New Project: Southern  
Pacific Railway – 4,620 LF (Old  
Van Vleck Rd to Mary Ave)

**Fiscal Year 2016 (Completed)**

Project: Southern Pacific  
Trailway – 1,091 LF (Sycamore  
Ave to Cottonwood Ave)

Amount: \$68,093.80

Future Rehab Project: Existing  
Southern Pacific Trailway – 1,600  
LF (Mary Ave to Sycamore Ave)





# 5-Year CIP – Parks Projects

Fiscal Year 2025

Project: Aquatic Center

Estimate: \$20,000,000

Budget Source: Bond w/ Interlocal Agreements





# 5-Year CIP – Parks Projects

Fiscal Year 2025 Cont.  
Project: Aquatic Center





# 5-Year CIP – Parks Projects

**Fiscal Year 2025**

Project: Performance Pavilion

Estimate: \$1,500,000

Budget Source: Hotel/Motel, Other Sources





# 5-Year CIP – Parks Projects & Source of Funding

Parks & Recreation	Amount	2021	2022	2023	2024	2025
Southern Pacific Trailway - TxDOT Grant	\$ 1,315,485					1,315,485
Park Improvements- Splash Pad	\$ 300,000	300,000				
Park Improvements- Neighborhoo Playgroounds	\$ 80,000		80,000			
Park Improvements- Community Park (Pickleball)	\$ 100,000				100,000	
Park Improvements- 16th Street Pool	\$ 3,500,000				525,000	2,975,000
Ball Field Lighting - Hardeman Park	\$ 335,000					335,000
Ball Field Lighting - Soccer Field @ Whitson	\$ 125,000			125,000		
Aquatics Center	\$ 20,000,000				3,000,000	17,000,000
Performance Pavillion- LeTulle	\$ 1,500,000					1,500,000
<b>Totals for Parks Projects:</b>	<b>\$ 27,255,485</b>	<b>\$ 300,000</b>	<b>\$ 80,000</b>	<b>\$ 125,000</b>	<b>\$ 3,625,000</b>	<b>\$ 23,125,485</b>

Sources of Funds:	Amount	2021	2022	2023	2024	2025
Operating Budget	\$ 718,868	300,000	80,000	125,000	50,000	163,868
Grants (EDA, TDA, H-GAC, LCRA, TxDOT, etc.)	\$ 1,151,617					1,151,617
Transfers	\$ -					
Other Sources (ie. BCCDC, Interlocals, Donations, etc.)	\$ 1,150,000				50,000	1,100,000
Bond/Loan Proceeds	\$ 23,835,000				3,525,000	20,310,000
Hotel/Motel	\$ 400,000					400,000
Operational Savings (Reserves)	\$ -					
Tax Note or Capital Lease	\$ -					
Street/Sidewalk (Reserves) - Fund 28	\$ -					
<b>Total Resources Planned:</b>	<b>\$ 27,255,485</b>	<b>\$ 300,000</b>	<b>\$ 80,000</b>	<b>\$ 125,000</b>	<b>\$ 3,625,000</b>	<b>\$ 23,125,485</b>



# 5-Year CIP – Building Improvements

Building & Improvements - General Fund	Amount	2021	2022	2023	2024	2025
Pedestrian Ramp at City Facilities	\$ 50,000			50,000		
Service Center- Window Replacement	\$ 80,000		80,000			
Replace Roof - Armory (Parks & Recreation)	\$ 86,000		86,000			
Renovation - Old Texas Theater	\$ 5,250,000	250,000				5,000,000
Tourism Digital Sign- Civic Center	\$ 75,000	75,000				
Library Lighting Improvements	\$ 50,000			50,000		
Restroom- Hardeman Park	\$ 80,000		80,000			
Public Safety Building (Police, Fire, etc.)	\$ 27,580,000		80,000		2,500,000	25,000,000
<b>Totals Building &amp; Improvement Projects:</b>	<b>\$ 33,251,000</b>	<b>\$ 325,000</b>	<b>\$ 326,000</b>	<b>\$ 100,000</b>	<b>\$ 2,500,000</b>	<b>\$ 30,000,000</b>



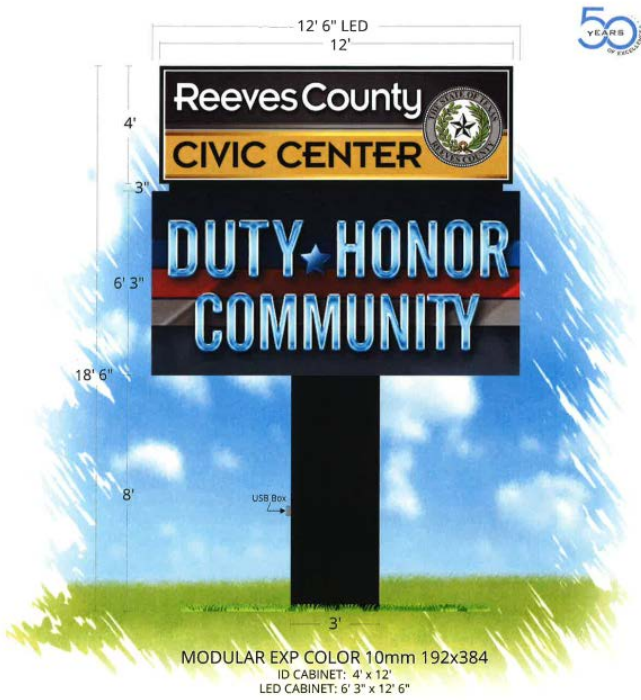
# 5-Year CIP – Building Improvements Projects

Fiscal Year 2021

Project: Digital Billboard

Estimate: \$75,000

Budget Source: Hotel/Motel







# 5-Year CIP – Parks Projects

**Fiscal Year 2022**

Project: Service Center Windows

Estimate: \$80,000

Budget Source: Operating Budget





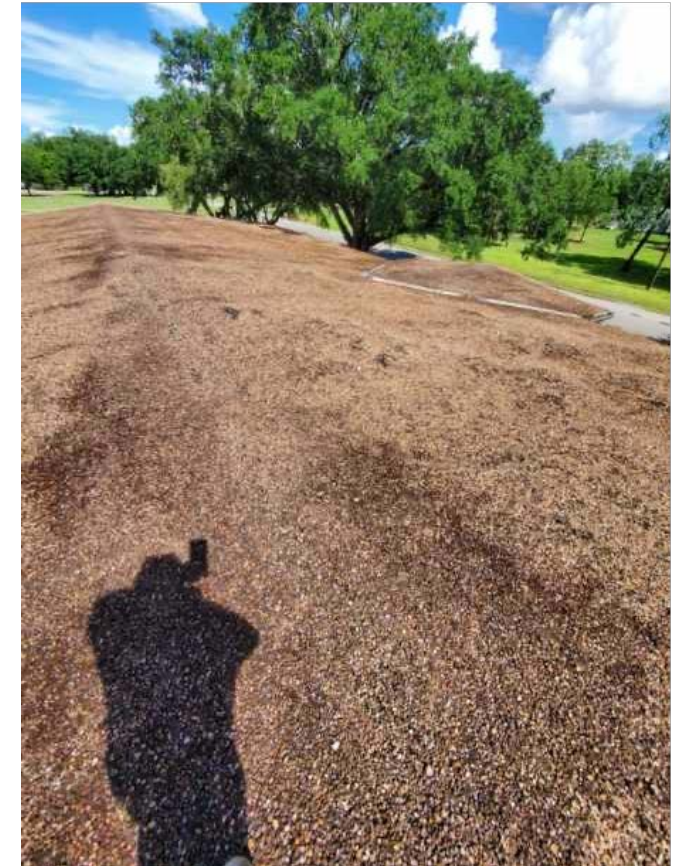
# 5-Year CIP – Parks Projects

Fiscal Year 2022

Project: Armory Roof

Estimate: \$86,000

Budget Source: Operating Budget





## 5-Year CIP – Parks Projects

**Fiscal Year 2022**

Project: Restroom – Hardeman Park

Estimate: \$80,000

Budget Source: Operating Reserve or  
Other Sources





# 5-Year CIP – Building Improvements Projects

Fiscal Year 2022, 2024 & 2025

Project: Public Safety Campus

Estimate: \$27,580,000 (Purchase of Land, Engineering, & Construction)

Budget Source: Bond





# 5-Year CIP – Building Improvements Projects

Fiscal Year 2021, 2025

Project: Texas Theater Renovations

Estimate: \$5,250,000

Budget Source: Hotel/Motel, Bond, Other Sources





# 5-Year CIP – Building Improvements & Source of Funding

Building & Improvements - General Fund	Amount	2021	2022	2023	2024	2025
Pedestrian Ramp at City Facilities	\$ 50,000			50,000		
Service Center- Window Replacement	\$ 80,000		80,000			
Replace Roof - Armory (Parks & Recreation)	\$ 86,000		86,000			
Renovation - Old Texas Theater	\$ 5,250,000	250,000				5,000,000
Tourism Digital Sign- Civic Center	\$ 75,000	75,000				
Library Lighting Improvements	\$ 50,000			50,000		
Restroom- Hardeman Park	\$ 80,000		80,000			
Public Safety Building (Police, Fire, etc.)	\$ 27,580,000		80,000		2,500,000	25,000,000
<b>Totals Building &amp; Improvement Projects:</b>	<b>\$ 33,251,000</b>	<b>\$ 325,000</b>	<b>\$ 326,000</b>	<b>\$ 100,000</b>	<b>\$ 2,500,000</b>	<b>\$ 30,000,000</b>
Sources of Funds:	Amount	2021	2022	2023	2024	2025
Operating Budget	\$ 266,000		166,000	100,000		
Grants (EDA, TDA, H-GAC, LCRA, TxDOT, etc.)	\$ -					
Transfers	\$ -					
Other Sources (ie. BCCDC, Interlocals, Donations, etc.)	\$ -					
Bond/Loan Proceeds	\$ 32,500,000				2,500,000	30,000,000
Hotel/Motel	\$ 325,000	325,000				
Operational Savings (Reserves)	\$ 160,000		160,000			
Tax Note or Capital Lease	\$ -					
Street/Sidewalk (Reserves) - Fund 28	\$ -					
<b>Total Resources Planned:</b>	<b>\$ 33,251,000</b>	<b>\$ 325,000</b>	<b>\$ 326,000</b>	<b>\$ 100,000</b>	<b>\$ 2,500,000</b>	<b>\$ 30,000,000</b>



# General Fund Equipment

Equipment - General Fund	Amount	2021	2022	2023	2024	2025
Mower- Parks	\$ 22,000	22,000				
Backhoe Replacement - Public Works	\$ 105,000					105,000
Roller Replacement - Public Works	\$ 325,000					325,000
Dump Truck Replacement - Public Works	\$ 90,000			90,000		
New Baler - Recycling Center	\$ 55,000		55,000			
New Baler w/Conveyor System - Recycling Center	\$ -					
Police Units (4)	\$ 495,000	165,000		165,000		165,000
P/U Truck Replacement - Parks	\$ 32,000	32,000				
Parks Equipment (Playground)	\$ -					
<b>Totals Building &amp; Improvement Projects:</b>	<b>\$ 1,124,000</b>	<b>\$ 219,000</b>	<b>\$ 55,000</b>	<b>\$ 255,000</b>	<b>\$ -</b>	<b>\$ 595,000</b>

Sources of Funds:	Amount	2021	2022	2023	2024	2025
Operating Budget	\$ 144,000	54,000		90,000		
Grants (EDA, TDA, H-GAC, LCRA, TxDOT, etc.)	\$ 55,000		55,000			
Transfers	\$ -					
Other Sources (ie. BCCDC, Interlocals, Donations, etc.)	\$ -					
Bond/Loan Proceeds	\$ 595,000					595,000
Hotel/Motel	\$ -					
Operational Savings (Reserves)	\$ -					
Tax Note or Capital Lease	\$ 330,000	165,000		165,000		
Street/Sidewalk (Reserves) - Fund 28	\$ -					
<b>Total Resources Planned:</b>	<b>\$ 1,124,000</b>	<b>\$ 219,000</b>	<b>\$ 55,000</b>	<b>\$ 255,000</b>	<b>\$ -</b>	<b>\$ 595,000</b>



# 5-Year CIP – General Fund Summary & Source of Funding

General Fund	Amount	2021	2022	2023	2024	2025
Streets, Drainage & Sidewalks	\$ 17,318,006	\$ 6,893,006	\$ 4,775,000	\$ 1,550,000	\$ 400,000	\$ 3,700,000
Parks	\$ 27,255,485	\$ 300,000	\$ 80,000	\$ 125,000	\$ 3,625,000	\$ 23,125,485
Building & Improvements	\$ 33,251,000	\$ 325,000	\$ 326,000	\$ 100,000	\$ 2,500,000	\$ 30,000,000
Equipment	\$ 1,124,000	\$ 219,000	\$ 55,000	\$ 255,000	\$ -	\$ 595,000
<b>Total General Fund:</b>	<b>\$ 78,948,491</b>	<b>\$ 7,737,006</b>	<b>\$ 5,236,000</b>	<b>\$ 2,030,000</b>	<b>\$ 6,525,000</b>	<b>\$ 57,420,485</b>

General Fund Summary- Sources of Funds						
Sources of Funds:	Amount	2021	2022	2023	2024	2025
Operating Budget	\$ 2,443,868	469,000	446,000	715,000	450,000	363,868
Grants (EDA, TDA, H-GAC, LCRA, TxDOT, etc.)	\$ 4,943,623	487,006	3,305,000	-	-	1,151,617
Transfers	\$ -	-	-	-	-	-
Other Sources (ie. BCCDC, Interlocals, Donations, etc.)	\$ 1,516,000	291,000	75,000	-	50,000	1,100,000
Bond/Loan Proceeds	\$ 66,430,000	6,000,000	-	-	6,025,000	54,405,000
Hotel/Motel	\$ 725,000	325,000	-	-	-	400,000
Operational Savings (Reserves)	\$ 330,000	165,000	-	165,000	-	-
Tax Note or Capital Lease	\$ 2,400,000	-	1,250,000	1,150,000	-	-
Street/Sidewalk (Reserves) - Fund 28	\$ 160,000	-	160,000	-	-	-
<b>Total Resources Planned:</b>	<b>\$ 78,948,491</b>	<b>\$ 7,737,006</b>	<b>\$ 5,236,000</b>	<b>\$ 2,030,000</b>	<b>\$ 6,525,000</b>	<b>\$ 57,420,485</b>





# 5-Year CIP – Utility Fund Summary

Utility Fund	Amount	2021	2022	2023	2024	2025
Water	\$ 22,779,269	\$ 2,763,069	\$ 6,174,000	\$ 4,613,200	\$ 5,256,000	\$ 3,973,000
Wastewater	\$ 14,720,000	\$ 6,000,000	\$ 6,310,000	\$ 2,300,000	\$ 110,000	\$ -
Building & Improvements	\$ 527,600	\$ -	\$ 50,000	\$ -	\$ 377,600	\$ 100,000
Equipment	\$ 930,000	\$ 523,000	\$ 227,000	\$ 45,000	\$ 90,000	\$ 45,000
<b>Total Utility Fund:</b>	<b>\$ 38,956,869</b>	<b>\$ 9,286,069</b>	<b>\$ 12,761,000</b>	<b>\$ 6,958,200</b>	<b>\$ 5,833,600</b>	<b>\$ 4,118,000</b>



# 5-Year CIP – Utility Fund – Water Projects

Utilities Water	Amount	2021	2022	2023	2024	2025
Fire Hydrant & Valve Rehab Program	\$ 50,000			50,000		
Katy Water Plant No.3 - Electrical Improvements	\$ 300,869	300,869				
Replace Waterlines Northwest Quadrant	\$ -					
Water Plant Recoatings - 1) Whitson-EST; 2) Liberty-EST; 3) 6th	\$ 749,400	412,200		337,200		
Public Water System - Airport Well	\$ 375,000				375,000	
Mockingbird Water Well No.7 - Rework	\$ 353,000			353,000		
Mockingbird Water Plant No.2 - Electrical Improvements	\$ 774,000		774,000			
6th St & Ave I Water Well No.9 - Rework	\$ 368,000			368,000		
4th St & Ave B Water Plant No.1 - Electrical Improvements	\$ 781,000				781,000	
AMI Meter Replacement Program	\$ 2,500,000	1,250,000	1,250,000			
New Water Plant - North Side	\$ 3,550,000	450,000	3,100,000			
New Water Plant - East Side	\$ 3,500,000		400,000	3,100,000		
12-Inch Water Transmission Line (New Water Plant-North Side)	\$ 2,500,000			250,000	2,250,000	
12-Inch New Waterline Extension, 7,500 LF • SH35 East	\$ 1,000,000	350,000	650,000			
12-Inch Waterline Replacement, 7,000 LF • 5th St	\$ 2,100,000				300,000	1,800,000
12-Inch New Waterline Extension, 4,500 LF • SH60 North - Phas	\$ 1,159,000				300,000	859,000
12-Inch New Waterline, 7,100 LF • Skelly Road	\$ -					
12-Inch New Waterline, 10,550 LF • Nichlos Ave South	\$ -					
12-Inch New Waterline, 5,500 LF • 12th St East	\$ 1,210,000				550,000	660,000
6-Inch New Waterline, 750 LF • Hillcrest Dr	\$ 155,000			155,000		
12-Inch New Waterline Extension, 5,000 LF • SH60 South	\$ 1,354,000				700,000	654,000
8-Inch New Waterline, 3,100 LF • MLK (2nd St) West	\$ -					
<b>Totals for Water Projects:</b>	<b>\$ 22,779,269</b>	<b>\$ 2,763,069</b>	<b>\$ 6,174,000</b>	<b>\$ 4,613,200</b>	<b>\$ 5,256,000</b>	<b>\$ 3,973,000</b>



# 5-Year CIP – Utility Fund – Water Projects

Fiscal Year 2021

Project: Katy Water Plant Electrical Improvements

Estimate: \$300,869

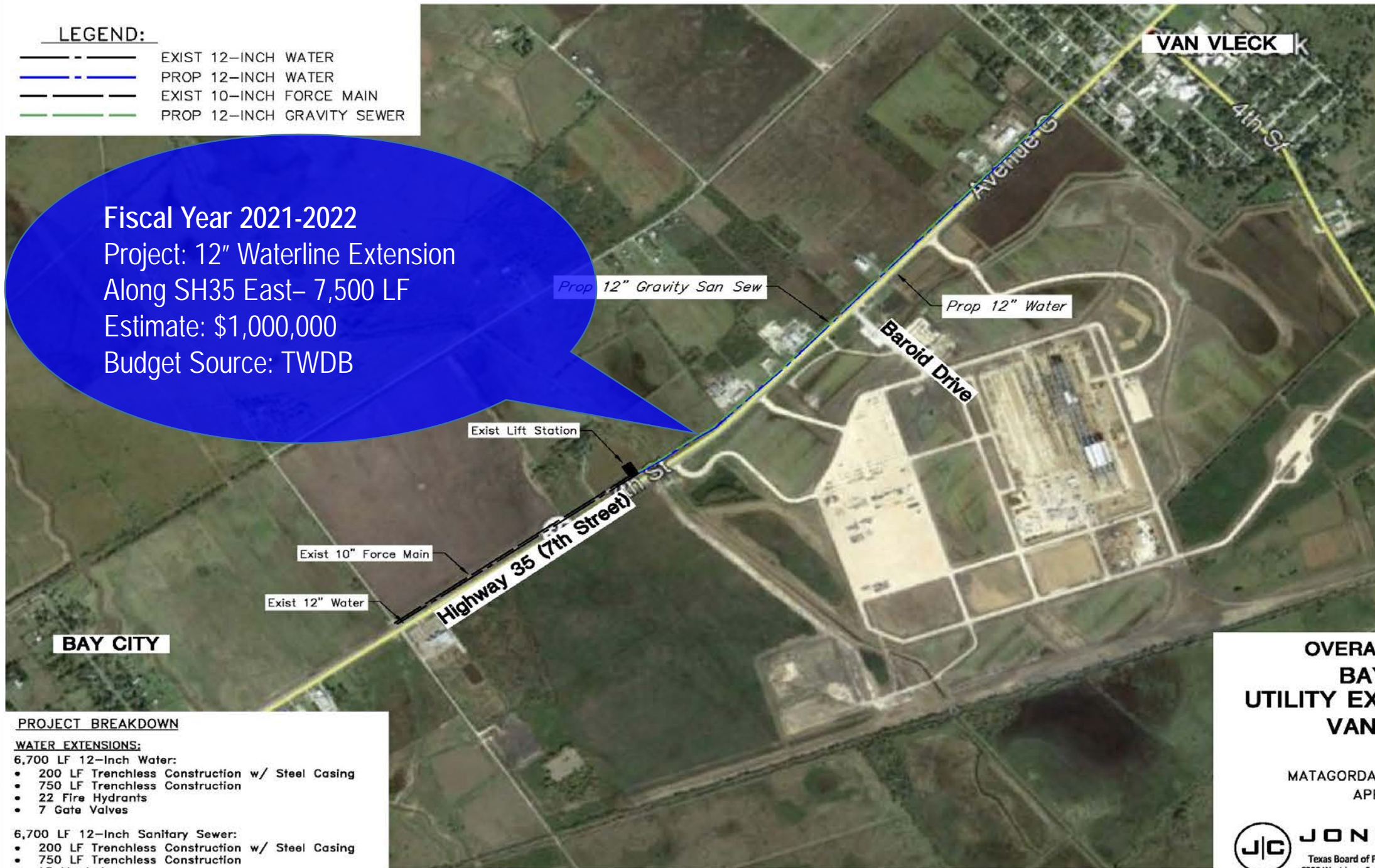
Budget Source: Operating



**LEGEND:**

-  EXIST 12-INCH WATER
-  PROP 12-INCH WATER
-  EXIST 10-INCH FORCE MAIN
-  PROP 12-INCH GRAVITY SEWER

**Fiscal Year 2021-2022**  
Project: 12" Waterline Extension  
Along SH35 East- 7,500 LF  
Estimate: \$1,000,000  
Budget Source: TWDB



**BAY CITY**

**VAN VLECK**

**PROJECT BREAKDOWN**

**WATER EXTENSIONS:**

- 6,700 LF 12-Inch Water:
- 200 LF Trenchless Construction w/ Steel Casing
- 750 LF Trenchless Construction
- 22 Fire Hydrants
- 7 Gate Valves

**6,700 LF 12-Inch Sanitary Sewer:**

- 200 LF Trenchless Construction w/ Steel Casing
- 750 LF Trenchless Construction
- 13 Manholes

**OVERALL LAYOUT  
BAY CITY  
UTILITY EXTENSIONS TO  
VAN VLECK**

MATAGORDA COUNTY, TEXAS  
APRIL 2018

 **JONES | CARTER**  
Texas Board of Professional Engineers Registration No. F-439  
6330 West Loop South, Suite 150 • Bellaire, TX 77401 • 713.777.5337

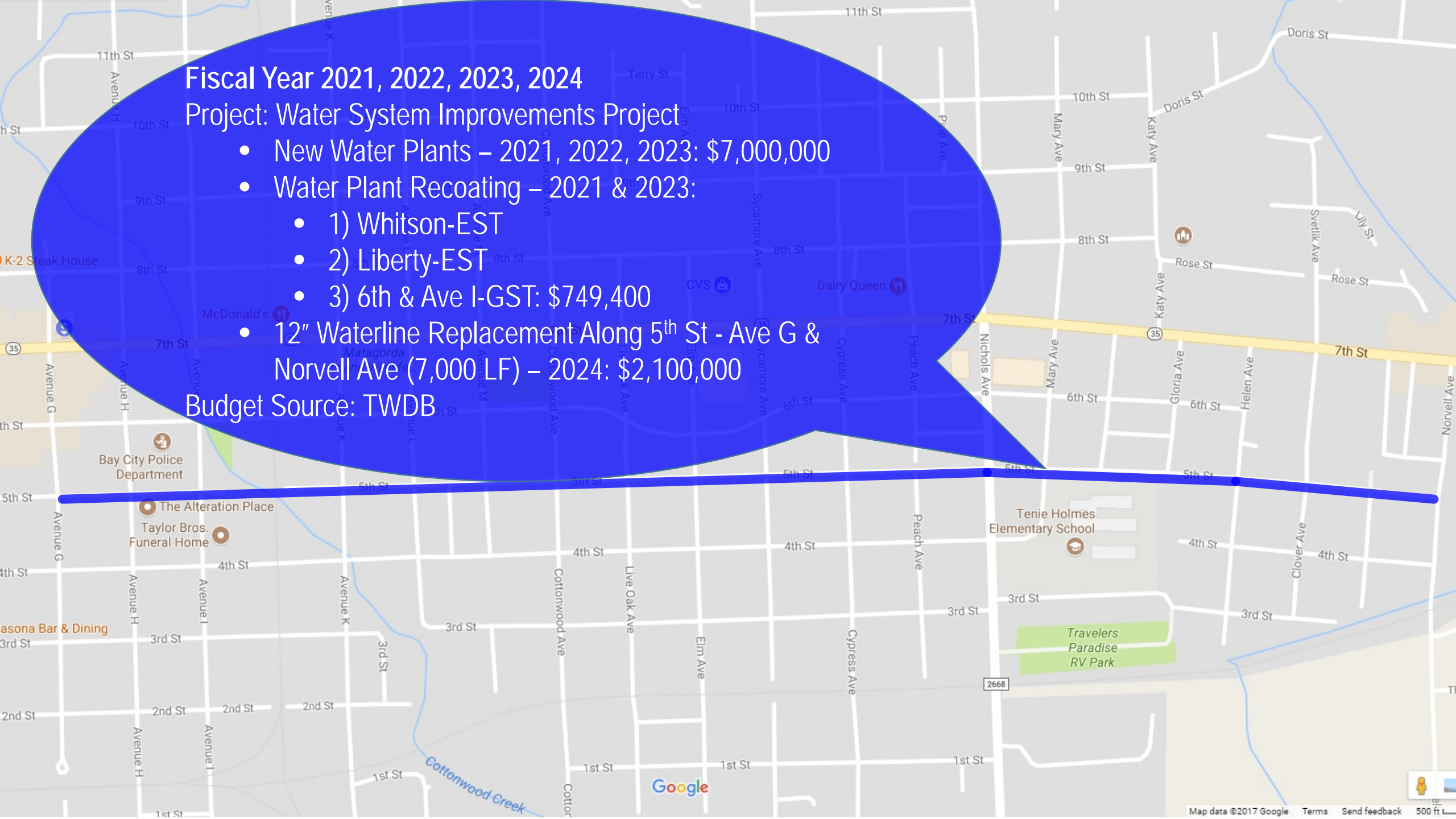
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## Fiscal Year 2021, 2022, 2023, 2024

### Project: Water System Improvements Project

- New Water Plants – 2021, 2022, 2023: \$7,000,000
- Water Plant Recoating – 2021 & 2023:
  - 1) Whitson-EST
  - 2) Liberty-EST
  - 3) 6th & Ave I-GST: \$749,400
- 12" Waterline Replacement Along 5<sup>th</sup> St - Ave G & Norvell Ave (7,000 LF) – 2024: \$2,100,000

Budget Source: TWDB





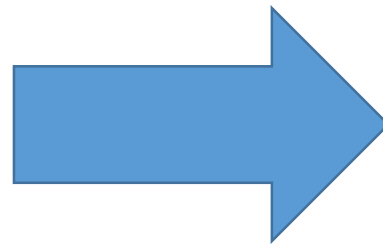
# 5-Year CIP – Utility Fund – Water Projects

Fiscal Year 2021-2022  
Project: AMI Meter Replacement Program  
Estimate: \$2,500,000  
Budget Source: TWDB



## AMI Metering

- Reliable
- Safe
- Secure
- Accurate



New Meters  
Better Suited for  
Bay City



# 5-Year CIP – Utility Fund – Wastewater Projects

Utilities Wastewater	Amount	2021	2022	2023	2024	2025
Manhole Rehab Program	\$ 120,000		60,000		60,000	
Lift Station Rehab Program	\$ 100,000		50,000		50,000	
12-Inch New Sewerline Extension, 7,500 LF • SH35 East	\$ 1,000,000	1,000,000				
WWTP Rehabilitation – Phase I-Engineering Assessment	\$ -					
WWTP Rehabilitation – Phase II-Construction (Lift Station, Headwork)	\$ 7,500,000	5,000,000	2,500,000			
2 42-inch to 30-inch Gravity Sewer Rehabilitation Main Trunkline	\$ 3,700,000		3,700,000			
5 27-inch to 24-inch Gravity Sewer Rehabilitation \$2,300,000 202	\$ 2,300,000			2,300,000		
<b>Totals for Wastewater Projects:</b>	<b>\$ 14,720,000</b>	<b>\$ 6,000,000</b>	<b>\$ 6,310,000</b>	<b>\$ 2,300,000</b>	<b>\$ 110,000</b>	<b>\$ -</b>

**LEGEND:**

-  EXIST 12-INCH WATER
-  PROP 12-INCH WATER
-  EXIST 10-INCH FORCE MAIN
-  PROP 12-INCH GRAVITY SEWER

**Fiscal Year 2021**  
Project: 12" Sewerline Extension  
Along SH35 East – 7,500 LF  
Estimate: \$1,000,000  
Budget Source: TWDB



**BAY CITY**

**PROJECT BREAKDOWN**

**WATER EXTENSIONS:**

- 6,700 LF 12-Inch Water:
- 200 LF Trenchless Construction w/ Steel Casing
- 750 LF Trenchless Construction
- 22 Fire Hydrants
- 7 Gate Valves

**6,700 LF 12-Inch Sanitary Sewer:**

- 200 LF Trenchless Construction w/ Steel Casing
- 750 LF Trenchless Construction
- 13 Manholes

**OVERALL LAYOUT  
BAY CITY  
UTILITY EXTENSIONS TO  
VAN VLECK**

MATAGORDA COUNTY, TEXAS  
APRIL 2018

 **JONES | CARTER**  
Texas Board of Professional Engineers Registration No. F-439  
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Fiscal Year 2021 & 2022 & 2023

Project: Wastewater Treatment Plant Rehabilitation

- WWTP Improvements – 2021, 2022: \$7,500,000 (Lift Station, Headworks Screen Gates, RAS Airlift Pumps, Sludge, Air Control)
- Gravity Sewer Rehab – 2022: \$3,700,000 (42" – 30")
- Gravity Sewer Rehab – 2023: \$2,300,000 (27" – 24")

Budget Source: TWDB

Cottonwood Creek

Cottonwood Creek

Wood Creek



# 5-Year CIP – Utility Fund – Building & Improvements

Building & Improvements	Amount	2021	2022	2023	2024	2025
MSB Renovations (Remodel Women's Restroom)	\$ 50,000		50,000			
Extend Equipment/Material Storage Buildings	\$ 207,600				207,600	
Replace Roof - MSB Shop	\$ 130,000				130,000	
Coat Ceiling - MSB Shop	\$ 40,000				40,000	
MSB Renovations (New Lobby Restrooms)	\$ 100,000					100,000
<b>Totals for Building &amp; Improvement Projects:</b>	<b>\$ 527,600</b>	<b>\$ -</b>	<b>\$ 50,000</b>	<b>\$ -</b>	<b>\$ 377,600</b>	<b>\$ 100,000</b>





# 5-Year CIP Utility Fund – Equipment > \$100,000

Utilities Equipment	Amount	2021	2022	2023	2024	2025
Tractor w/Shredder, WWTP	\$ 60,000	60,000				
Jetter Unit, Maintenance	\$ 115,000	115,000				
Backhoe, Maintenance	\$ 105,000	105,000				
P/U Truck (s), Maintenance	\$ 263,000	173,000		45,000		45,000
Flat Bed Truck, Maintenance	\$ 70,000	70,000				
BobCat, WWTP	\$ 35,000		35,000			
Sewer Camera, Maintenance	\$ 65,000		65,000			
1 Ton Utility Truck, Maintenance	\$ 62,000		62,000			
Light Plant/Tower, Maintenance	\$ 25,000		25,000			
Dump Truck, Maintenance	\$ 90,000				90,000	
Mini Excavator, Maintenance	\$ 40,000		40,000			
2Ton Crane Truck, WWTP	\$ -					
<b>Totals for Building &amp; Improvement Projects:</b>	<b>\$ 930,000</b>	<b>\$ 523,000</b>	<b>\$ 227,000</b>	<b>\$ 45,000</b>	<b>\$ 90,000</b>	<b>\$ 45,000</b>





# 5-Year CIP – Utility Fund Summary & Sources of Funding

Utility Fund	Amount	2021	2022	2023	2024	2025
Water	\$ 22,779,269	\$ 2,763,069	\$ 6,174,000	\$ 4,613,200	\$ 5,256,000	\$ 3,973,000
Wastewater	\$ 14,720,000	\$ 6,000,000	\$ 6,310,000	\$ 2,300,000	\$ 110,000	\$ -
Building & Improvements	\$ 527,600	\$ -	\$ 50,000	\$ -	\$ 377,600	\$ 100,000
Equipment	\$ 930,000	\$ 523,000	\$ 227,000	\$ 45,000	\$ 90,000	\$ 45,000
<b>Total Utility Fund:</b>	<b>\$ 38,956,869</b>	<b>\$ 9,286,069</b>	<b>\$ 12,761,000</b>	<b>\$ 6,958,200</b>	<b>\$ 5,833,600</b>	<b>\$ 4,118,000</b>

Sources of Funds:	Amount	2021	2022	2023	2024	2025
Operating Budget	\$ 2,658,669	1,286,069	160,000	50,000	487,600	675,000
Grants (EDA, TDA, H-GAC, LCRA, TxDOT, etc.)	\$ -					
Transfers	\$ -					
Other Sources (i.e. BCCDC, Interlocals, Donations, etc.)	\$ -					
Bond/Loan Proceeds (i.e. TWDB, etc.)	\$ 36,298,200	8,000,000	12,601,000	6,908,200	5,346,000	3,443,000
Hotel/Motel	\$ -					
Operational Savings (Reserves)	\$ -					
Tax Note or Capital Lease	\$ -					
Street/Sidewalk (Reserves) - Fund 28	\$ -					
<b>Total Resources Planned:</b>	<b>\$ 38,956,869</b>	<b>\$ 9,286,069</b>	<b>\$ 12,761,000</b>	<b>\$ 6,958,200</b>	<b>\$ 5,833,600</b>	<b>\$ 4,118,000</b>



# 5-Year CIP – AIRPORT PROJECTS



Airport Fund	Amount	2021	2022	2023	2024	2025
Bay City Regional Airport	\$ 13,066,000	\$ -	\$ 8,475,000	\$ 470,000	\$ 693,000	\$ 3,428,000
Building & Improvements	\$ 5,677,000	\$ -	\$ -	\$ -	\$ -	\$ 5,677,000
Equipment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>Total Airport Fund:</b>	<b>\$ 18,743,000</b>	<b>\$ -</b>	<b>\$ 8,475,000</b>	<b>\$ 470,000</b>	<b>\$ 693,000</b>	<b>\$ 9,105,000</b>



# 5-Year CIP – AIRPORT PROJECTS



Airport	Amount	2021	2022	2023	2024	2025
Acquisition - Real Estate	\$ -					
Construction - Taxiway A w/Drainage	\$ 8,475,000		8,475,000			
Engineering & Design - Main Apron Strengthening	\$ 70,000			70,000		
Engineering and Design - Runway Overlay	\$ 200,000			200,000		
Planning - Airport Master Plan & ALP Update	\$ 200,000			200,000		
Construction - Main Apron Strengthening	\$ 693,000				693,000	
Construction - Runway Overlay	\$ 3,428,000					3,428,000
Engineering & Design - Taxiway & Runway Seal Coat	\$ -					
Engineering and Design -	\$ -					
Construction - Taxiway Seal Coat	\$ -					
Construction - Runway Seal Coat	\$ -					
<b>Totals for Airport Projects:</b>	<b>\$ 13,066,000</b>	<b>\$ -</b>	<b>\$ 8,475,000</b>	<b>\$ 470,000</b>	<b>\$ 693,000</b>	<b>\$ 3,428,000</b>

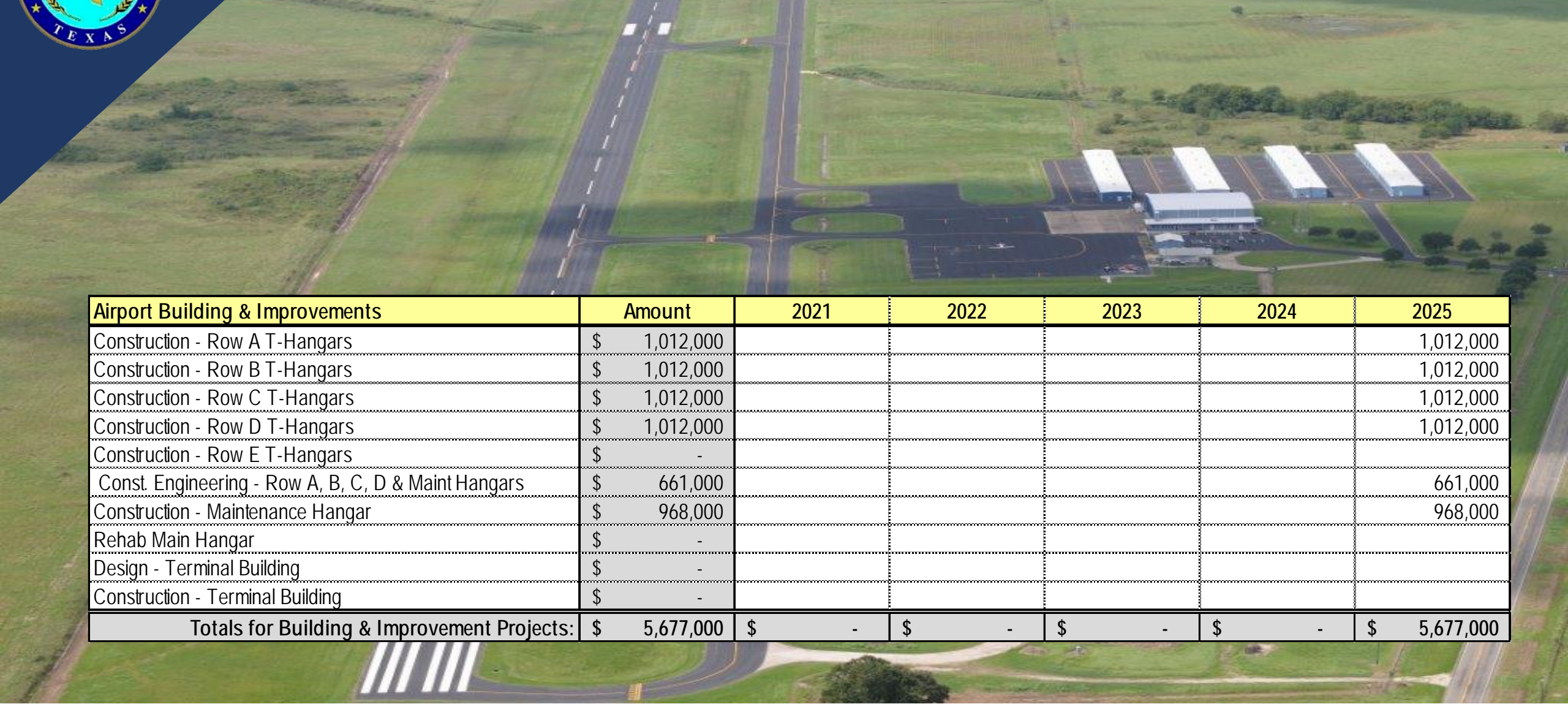


# 5-Year CIP – AIRPORT PROJECTS





# 5-Year CIP – AIRPORT PROJECTS



Airport Building & Improvements	Amount	2021	2022	2023	2024	2025
Construction - Row A T-Hangars	\$ 1,012,000					1,012,000
Construction - Row B T-Hangars	\$ 1,012,000					1,012,000
Construction - Row C T-Hangars	\$ 1,012,000					1,012,000
Construction - Row D T-Hangars	\$ 1,012,000					1,012,000
Construction - Row E T-Hangars	\$ -					
Const. Engineering - Row A, B, C, D & Maint Hangars	\$ 661,000					661,000
Construction - Maintenance Hangar	\$ 968,000					968,000
Rehab Main Hangar	\$ -					
Design - Terminal Building	\$ -					
Construction - Terminal Building	\$ -					
<b>Totals for Building &amp; Improvement Projects:</b>	<b>\$ 5,677,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 5,677,000</b>





# 5-Year CIP – AIRPORT PROJECTS



Airport Fund	Amount	2021	2022	2023	2024	2025
Bay City Regional Airport	\$ 13,066,000	\$ -	\$ 8,475,000	\$ 470,000	\$ 693,000	\$ 3,428,000
Building & Improvements	\$ 5,677,000	\$ -	\$ -	\$ -	\$ -	\$ 5,677,000
Equipment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>Total Airport Fund:</b>	<b>\$ 18,743,000</b>	<b>\$ -</b>	<b>\$ 8,475,000</b>	<b>\$ 470,000</b>	<b>\$ 693,000</b>	<b>\$ 9,105,000</b>

## Airport Fund- Sources of Funds

Sources of Funds:	Amount	2021	2022	2023	2024	2025
Operating Budget	\$ 12,900		12,900			
Grants (EDA, TDA, H-GAC, LCRA, TxDOT, etc.)	\$ 11,759,400		7,627,500	423,000	623,700	3,085,200
Transfers	\$ 200,000		200,000			
Other Sources (i.e.. BCCDC, Interlocals, Donations, etc.)	\$ 100,000		100,000			
Bond/Loan Proceeds (i.e. TWDB, etc.)	\$ 6,554,400		534,600			6,019,800
Hotel/Motel	\$ -					
Operational Savings (Reserves)	\$ 116,300			47,000	69,300	-
Tax Note or Capital Lease	\$ -					
Street/Sidewalk (Reserves) - Fund 28	\$ -					
<b>Total Resources Planned:</b>	<b>\$ 18,743,000</b>	<b>\$ -</b>	<b>\$ 8,475,000</b>	<b>\$ 470,000</b>	<b>\$ 693,000</b>	<b>\$ 9,105,000</b>

\*Bay City Community Development Corporation contributing \$100,000 in FY 2021 for Taxiway project.



# City of Bay City

## 5-Year Capital Improvements Program 2021 - 2025

