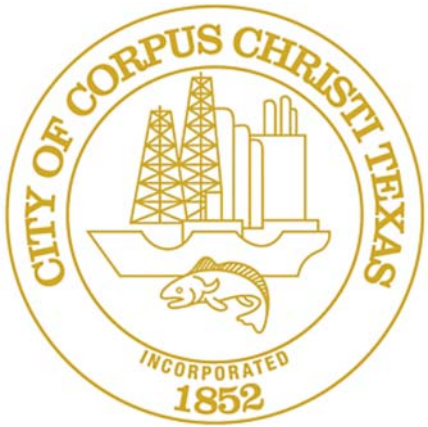
— ADOPTED —

FY 2018-2019

CAPITAL BUDGET & CAPITAL IMPROVEMENT PLANNING GUIDE

ADOPTED BY CITY COUNCIL
ORDINANCE NO. 031550
ON SEPTEMBER 18, 2018

CITY OF CORPUS CHRISTI
INTERIM CITY MANAGER
SAMUEL KEITH SELMAN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Mark Van Vleck
Assistant City Manager

Sylvia Carrillo
Assistant City Manager

Samuel Keith Selman
Interim City Manager

PROJECT TEAM

Management & Budget
Eddie Houlihan
Director of Management & Budget

Christine Garza D.B.A.
Budget Manager

Kamil Taras
Budget Analyst II

Capital Programs
Valerie Gray, P.E.
Executive Director of Public Works

Jeffery Edmonds, P.E.
Director of Engineering Services

Lynda Herndon, C.P.M.
Business Manager

Finance
Constance P. Sanchez, C.P.A.
Director of Financial Services

Martha A. Messer, C.P.A.
Chief Accountant

Jason Gooding, C.P.A.
Finance Accountant II—CIP

Adriane Ferraro
Finance Accountant III—Utilities

This document was prepared by Engineering Services, with contributions by Planning/Environmental Services and Finance, and compiled by Office of Management & Budget

For additional information or questions, please contact:
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Corpus Christi, Texas 78469-9277
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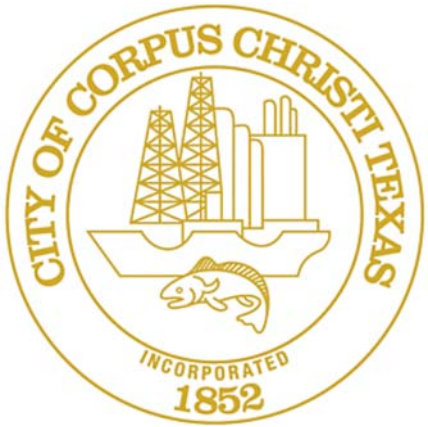
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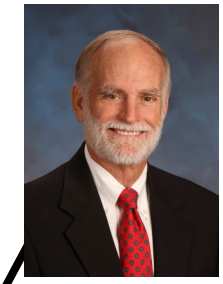
Paulette M. Guajardo
Council Member
At Large

Everett Roy
Council Member

Ben Molina
Council Member



Greg Smith
Council Member

Michael T. Hunter
Council Member
At Large

Lucy Rubio
Council Member

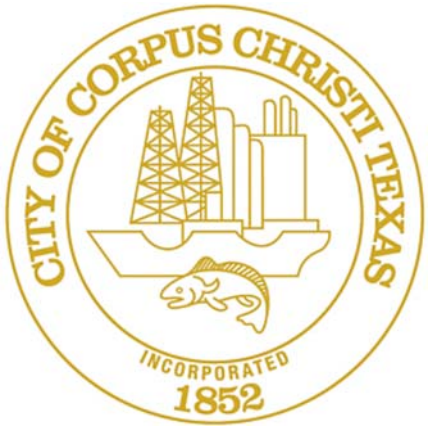
Rudy Garza Jr.
Council Member

Debbie Lindsey-Opel
Council Member
At Large

Joe McComb
Mayor

2018-2019

City of Corpus Christi, Texas, City Council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Established by ordinance in 1937, the Planning Commission reviews and makes recommendations to the City Council on the City's annual capital budget and any capital improvement bond program. The Planning Commission consists of nine registered voters of the city. The members are appointed by the City Council for staggered terms of three years. The commission elects a chairperson from its membership each year at the first meeting in August and shall not meet less than once a month for each month. Any vacancy in an unexpired term shall be filled by the City Council for the remainder of the term. Current members include (with term expiration date):

Eric Villarreal (exp. 7.31.19)
Chair

Carl Crull (exp. 7.31.20)
Vice-Chair

Heidi Hovda (exp. 7.31.20)

Kamran Zarghouni (exp. 7.31.21)

Matthew Ezell (exp. 7.31.21)

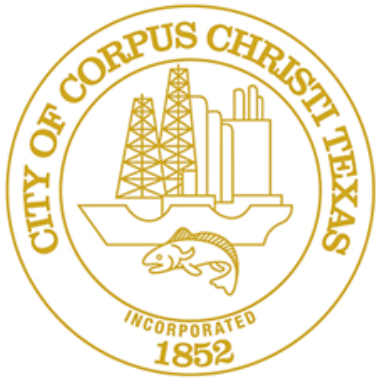
Jeremy Baugh (exp. 7.31.19)

Marsha Williams (exp. 7.31.20)

Daniel M. Dibble (exp. 7.31.19)

Sheldon Schroeder (exp. 7.31.21)

2018 Corpus Christi Planning Commission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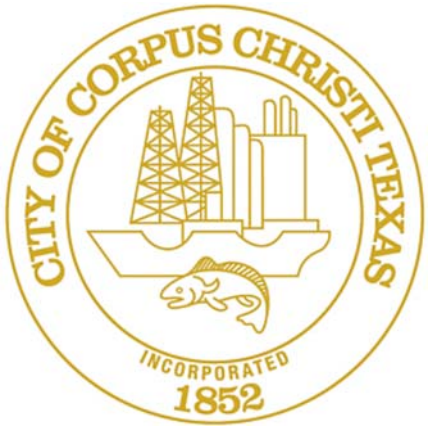
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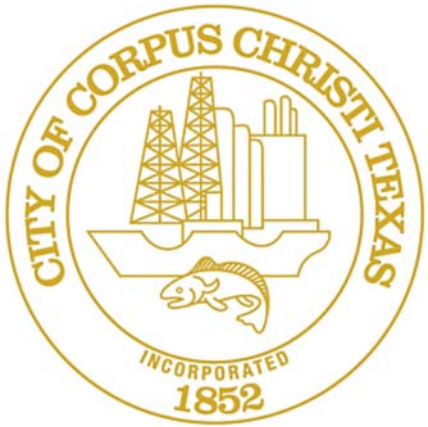
City Manager's Message

Obligation to the Future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City of Corpus Christi, Texas

Office of the City Manager

Honorable Mayor, City Council Members, and Residents of Corpus Christi:

Contained herein is the Fiscal 2018 - 2019 Proposed Capital Budget and Capital Improvement Planning Guide, also known as the Capital Improvement Program (CIP).

The CIP document includes:

- a fully-funded work plan for Year One, based on available financial capacity and greatest prioritized needs;
- a short-range forecast to facilitate needs-based planning for Years Two and Three, and
- a long-range forecast is located at the back of most sections. The long-range forecast consists of items considered important, but not yet funded, for sustainability of existing infrastructure, accommodation of growth, and enhanced community enrichments for the next four to ten years.

Listed below are highlights from each area:

Airport Program

The Proposed FY 2018-19 Airport Capital Improvement Program reflects a continued focus on the on-going phasing of the East General Aviation Apron Rehabilitation and Air Carrier Ramp Reconstruction Projects. These two projects continue the directed commitment in the last five years to airside pavement improvements including extensive work on both runways and

associated taxiways. Year 1 of the Capital Program also reflects the initial phase of work on airport terminal building rehabilitation program based on recommendations from the Terminal Building Assessment report.

Parks and Recreation Program

The Parks and Recreation Program is committed to providing social, recreational and cultural events in accessible and safe environments for the community as well as visitors to Corpus Christi. A Master Plan, developed in 2012 with input from Corpus Christi residents, guides the development of current and future park and recreation capital improvements. Bond Issue 2014 includes one project to address park mitigation efforts required to support the new Harbor Bridge and a second project to address issues occurring along North Padre Island Beach. Projects to address needs at Packery Channel are included in Year One park program. Hurricane Harvey tidal influences resulted in significant damage to Packery Channel and undermining of structures along channel. Another project will provide for dredging of channel and re-nourishment of adjoining beach structure.

Public Facilities Program

The focus of the Public Facilities Program will be improvements to the City's American Bank Center and improvements to City facilities through use of a yearly structured program to identify and correct deficiencies.

Public Health & Safety Program

The Public Health & Safety program includes several new projects to support landfill expansion and prevent dangerous conditions and permit violations. Projects to protect the integrity of the downtown flood protection system have also been included in both the short and long-range program.

Streets Program

Street quality has an impact on every resident, business and visitor to our City. It affects property values, accessibility to businesses, schools, and residential areas and impacts the quality of life of our citizens. The FY 2018 – 2019 Street Capital Improvement Program contains projects that maintain or improve roadway infrastructure, ensure adequate street lighting, comply with the Americans with Disability Act (ADA) requirements and promotes safe and efficient traffic flow. The Street Improvement Plan (SIP) is a strategy addressing maintenance and repair of the City's entire street system. Residential Street improvements are the final element of the SIP for program development, funding, and execution. The Proposed FY

2018-2019 Operating Budget includes a voter approved $.02 increase in property taxes to be dedicated to Residential Street improvements. This increase will provide more than $3.8 million in funding for Residential Streets.

Gas Program

This year's Gas Department Capital Improvement Program represents a large investment for the City's natural gas system to address increased growth in the area, expand market development and invest in infrastructure needs. Previous pipeline expansion projects and pipeline acquisitions have come together to improve service, reliability, cut costs and adequately plan for the future of our distribution system. Planned improvements include a new CNG Station near the Hwy 37 / Hwy 77 Corridor, and various pipeline expansion and replacement projects.

Storm Water Program

This year's Storm Water Capital Improvement Program represents a significant investment in the City's storm water system to address increased development and critical storm water infrastructure throughout the City. Over the next several years, the integrity of the City's Storm Water facilities will be improved through projects planned to provide additional capacity and infrastructure lifecycle management. In a proactive, rather than reactive approach, an evaluation of major and minor systems, outfall structures, and bridges, will result in a replacement schedule for the most severe problems needed to reduce overall maintenance challenges, reduce flooding, and improve public safety. Projects are included to address drainage within the La Volla Creek and Oso Creek areas and support of Bond 2016, Bond 2014 and Bond 2012 projects, and the Storm Water Drainage Master Plan.

Water Program

The City's Fiscal Year 2018 – 2019 Water Capital Improvement Program (CIP) contains twenty-five (25) projects with a total value of $43.3 million which represents a significant investment of resources to enable delivery of a reliable source of potable water to customers, while balancing long-term needs of the City and regional area. This year's program addresses essential improvements to the plant's chemical feed processes, infrastructure, storage, high service buildings, and treatment and distribution systems. The City's goal of exceeding Texas Commission on Environmental Quality (TCEQ) requirements is a priority for the Water CIP program and will be achieved through both short and long-range projects.

Water Supply Program

Water Supply projects are designed to maintain the City's existing water supply facilities and to provide additional delivery facilities and supply sources. In February 2014, two construction contracts were awarded to complete the second phase of

the Mary Rhodes Pipeline. This project was successfully completed in 2017. The recent drought-of-record conditions experienced in Texas prompted a collaborative effort in Corpus Christi to evaluate the feasibility of developing a non-curtailable seawater desalination supply. The current Capital Improvement Program budget represents developing the preliminary study of the Seawater Desalination in joint efforts with industrial stakeholders.

Wastewater Program

This year's Wastewater Capital Improvement Program represents a significant investment in the City's aging wastewater system. Over the next several years, the integrity of the City's Wastewater facilities will be secured through projects planned to provide additional capacity, emergency power, regulatory compliance and replacement of aging infrastructure. In a proactive approach, an evaluation of the wastewater lines in the existing collection systems has resulted in a replacement schedule of lines in the poorest condition and those creating the most severe maintenance issues. This program will replace lines on a yearly basis to the extent that funding allows increasing the effectiveness and efficiency of the wastewater collection system with the ultimate goal of minimizing system life-cycle operations and maintenance costs.

In conclusion, this document recognizes that maintenance and provision of public facilities and infrastructure is critical to enhancing our citizen's quality of life and encouraging economic growth. This document reflects a concerted effort to achieve a balance between available resources and necessary improvements. I would like to express my appreciation to the team responsible for its compilation. We look forward to public comments and City Council deliberation in continuing to plan for our City's future needs.

Respectfully,

Samuel Keith Selman
Interim City Manager

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CIP Planning Guide - Major Sections

Term		Description
Years 4+	Long-Range CIP	Planned Funding
Years 2&3	Short-Range CIP	Programmed Funding
Year 1	Annual Capital Budget	1st Year of Short-Range CIP – Fully Funded

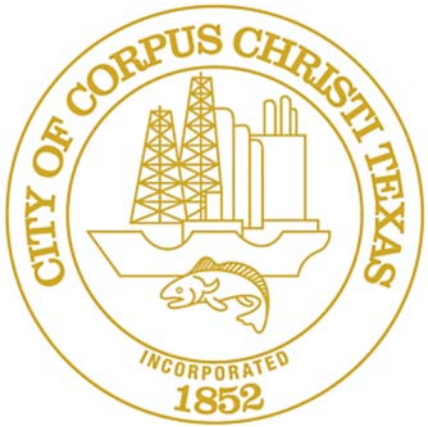
FY 2019 CAPITAL BUDGET SCHEDULE

Tuesday, April 3, 2018	**Work begins on Compiling Project Pages for CIP Book Sections**
Friday, July 27, 2018	**Proposed Capital Budget Book Short-Range Pages Delivered to Executive Committee for Review and Comment**
Wednesday, August 8, 2018	**Proposed Capital Budget Book Given to Planning Commission**
Wednesday, August 22, 2018	**Proposed Capital Budget Book Presentation and discussion with Planning Commission**
Wednesday, September 5, 2018	**Planning Commission Meeting – Public Hearing and Planning Commission Recommendations**
Friday, September 7, 2018	**Proposed Capital Budget Book Given to City Council**
Tuesday, September 11, 2018	**City Council Proposed Capital Budget Presentation and 1st Reading**
Tuesday September 18, 2018	**City Council 2nd Reading of Proposed Capital Budget**

City of Corpus Christi, Texas

CAPITAL BUDGET

Obligation to the Future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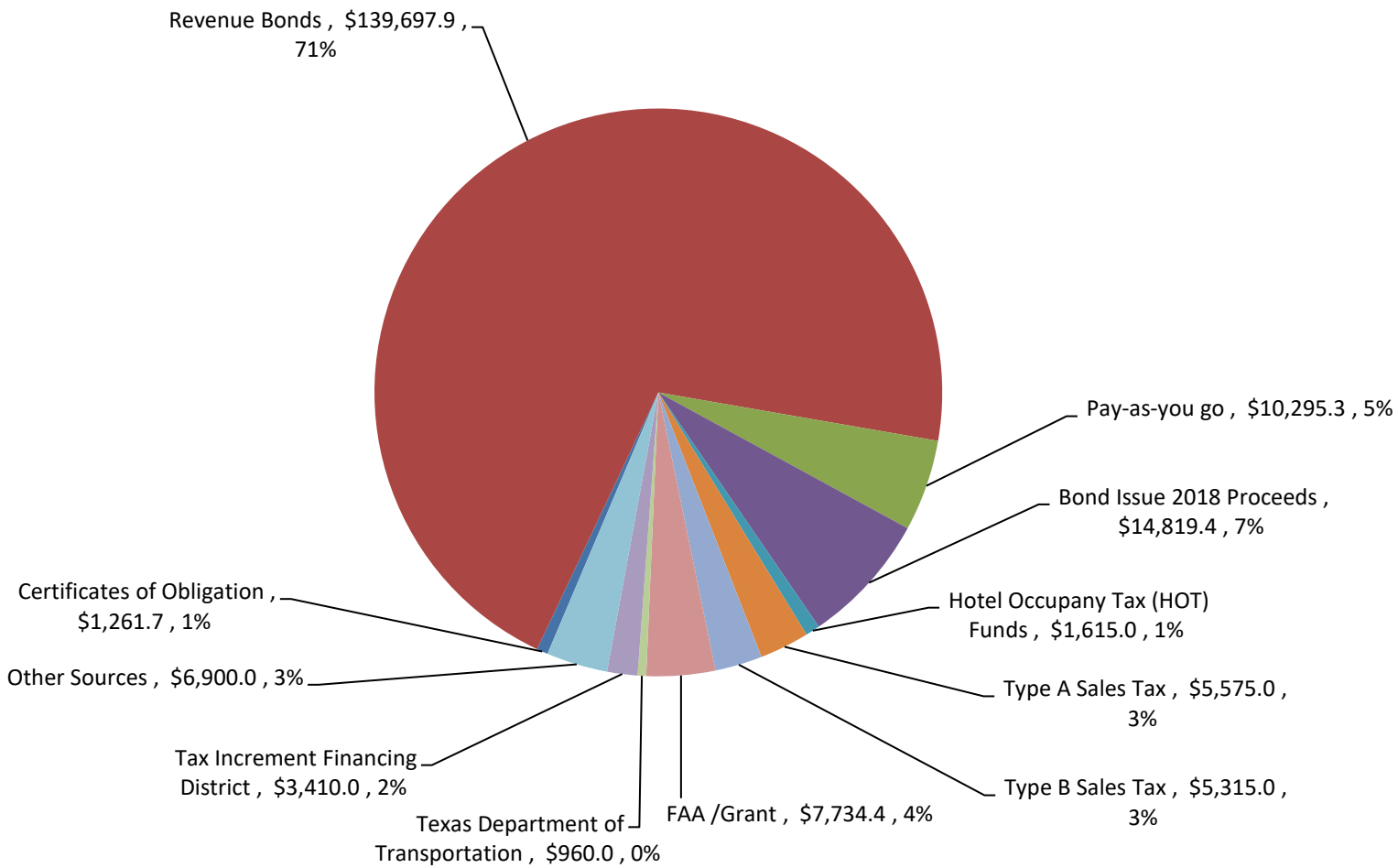
2019 Funding Sources by Type: $197,583.7
(Amounts in 000's)



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2019 CAPITAL BUDGET SUMMARY
(Amounts in 000's)

Funding Sources by Type		Amount	% of Total
Pay-as-you go	$	10,295.3	5.2%
Certificates of Obligation		1,261.7	0.6%
Revenue Bonds		139,697.9	70.7%
General Obligation Bonds 2018		14,819.4	7.5%
FAA/ Grant		7,734.4	3.9%
Texas Department of Transportation		960.0	0.5%
Type B Sales Tax		5,315.0	2.7%
Tax Increment Financing District		3,410.0	1.7%
Hot Funds		1,615.0	0.8%
Type A Sales Tax		5,575.0	2.8%
Operating Transfer/Other		6,900.0	3.5%
Total FY 2018 Capital Sources	$	197,583.7	100%

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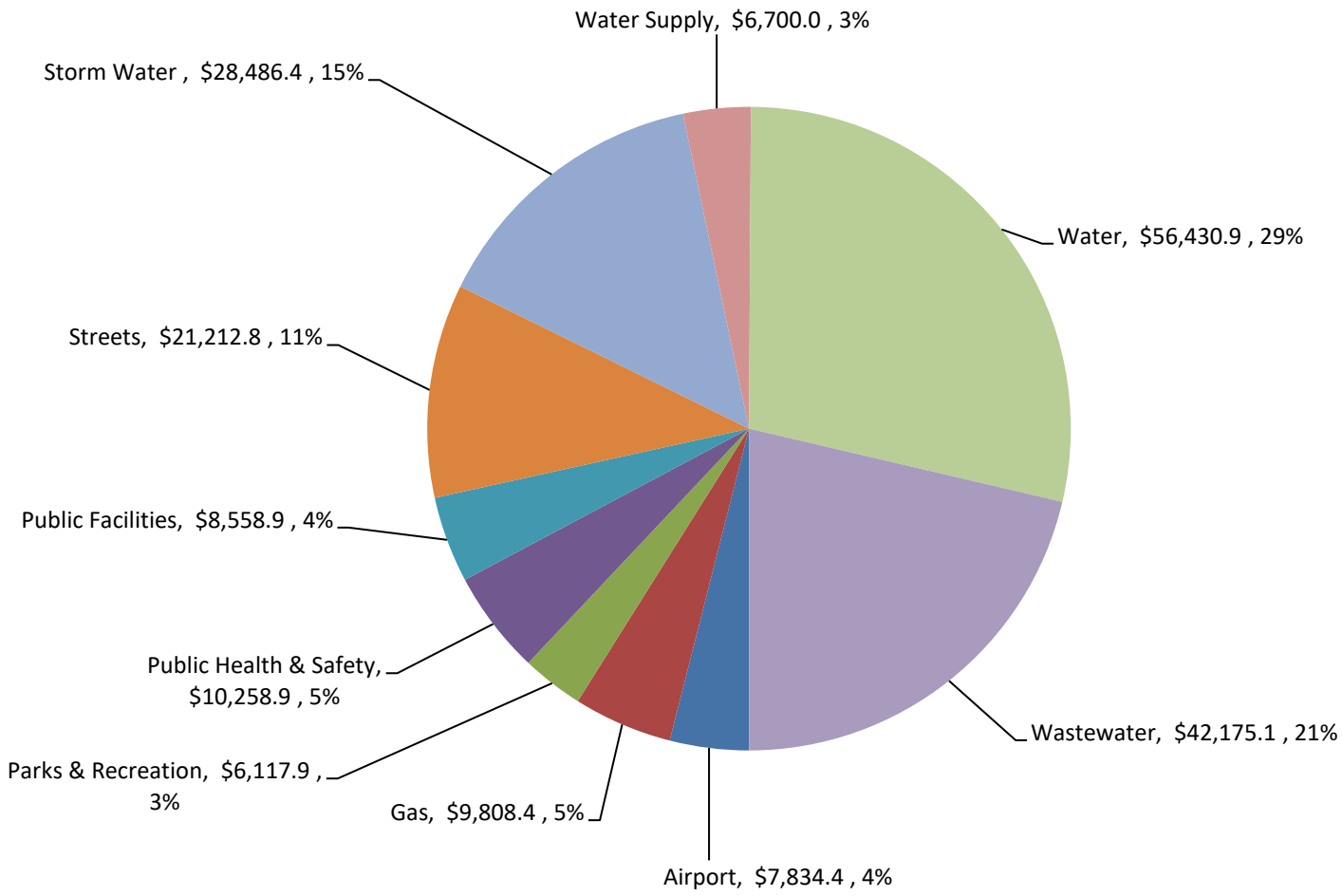
2019 Funding Uses by Program: $197,583.7
(Amounts in 000's)



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2019 CAPITAL BUDGET SUMMARY
(Amounts in 000's)

Funding Uses by Program	Amount	% of Total
Airport	7,834.4	4.0%
Parks & Recreation	6,117.9	3.1%
Public Facilities	8,558.9	4.3%
Public Health & Safety	10,258.9	5.2%
Streets	21,212.8	10.7%
Gas	9,808.4	5.0%
Storm Water	28,486.4	14.4%
Water Supply	6,700.0	3.4%
Water	56,430.9	28.6%
Wastewater	42,175.1	21.3%
Total FY 2018 Capital Uses	$ 197,583.7	100%

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2019 CAPITAL BUDGET
(Amounts in 000's)

PROJECT RECOMMENDATIONS		FUNDING SOURCES	
Airport			
Reconstruct Air Carrier Ramp	$ 4,444.4	FAA Grant	$ 6,400.0
Terminal Building Assessment/Rehabilitation	220.0	Airport CIP Reserves	1,234.4
Rehabilitate East General Aviation (EGA) Apron	2,600.0	Certificates of Obligation	200.0
Repair/Rehabilitate Communication Bldg	120.0		
Rehabilitate Passenger Boarding Bridges	350.0		
Terminal Service Animal Relief Area	100.0		
Total Projects:	$ 7,834.4	Total Funding:	$ 7,834.4
Parks & Recreation			
Bond 2018 Prop C	$ 2,251.9	Community Dev Block Grant	
Bond 2018 Prop D	456.0	Tax Increment Finance District	3,410.0
Packery Channel Miscellaneous Improvements	510.0	General Obligation Bond 2018	2,707.9
Packery Channel Hurricane Harvey Repairs	2,000.0		
Packery Channel Dredging	900.0		
Total Projects:	$ 6,117.9	Total Funding:	$ 6,117.9
Public Facilities			
Proposed General Obligations 2018 Bd Program - Prop D	$ 1,368.9	Certificates of Obligation	$ -
American Bank Center Facility Improvements	$ 7,190.0	Type A Sales Tax	$ 5,575.0
		Hot Funds	$ 1,615.0
		General Obligation Bond 2018	$ 1,368.9
Total Projects:	$ 8,558.9	Total Funding:	$ 8,558.9
Public Health & Safety			
Bond 2018 Proposition E	$ 4,537.2	Sales Tax Proceeds	$ 4,200.0
Bond 2018 Proposition F	$ 460.0		
Cefe Valenzuela Landfill Liquids (Leachate) Mgmt	50.0	Certificates of Obligation	1,061.7
Cefe Valenzuela Landfill Disposal Cells Interim Covers - Cells 3D, 4A & 4B	120.0	General Obligation Bond 2018	4,997.2
Cefe Valenzuela Landfill Road Improvements	200.0		
Cefe Valenzuela Landfill Water Gas Collection and Control System	266.7		
J.C. Elliot Landfill Road Improvements	100.0		
Erosion Control Lifecycle Improvements	75.0		
Floodwall Upgrades at Science Museum and US Army Corps Engineer's Bldg	500.0		
Solid Waste Technical Support	250.0		
Seawall Capital Repairs	500.0		
Restoration of SEA District Water Features	150.0		
Salt Flats Levee Improvements	300.0		
Marina Breakwater Repairs at Magee Beach PH1	1,250.0		
McGee Beach Nourishment/Boat Basin Dredging	500.0		
Comprehensive Feasibility Study for Seawall	500.0		
Kinney & Power Street Pump Station Improvements	500.0		
Total Projects:	$ 10,258.9	Total Funding:	$ 10,258.9
Streets			
Bond 2018 Proposition A	$ 11,716.4	Texas Dept of Transportation	$ 960.0
Bond 2018 Proposition B	1,442.3	Bond Issue 2008 Proceeds	5,900.0
Six Points Intersection Improvements	678.0	Community Dev Block Grant Funds	1,334.4
SeaTown Pedestrian Improvements	1,048.8	Bond Issue 2004 Proceeds	1,158.0
North Beach Area Road Improvements and Area Beautification	27.1	General Obligation Bond 2018	5,745.4
North Beach Breakwater Plaza, North Shoreline Repair & Enhancement	427.5	Type B Sales Tax	5,315
Sunnybrook Road Sidewalk Improvements PH1	521.0	Developer Participation	800.0
Morgan Ave - Ocean Dr to S Staples St	3,341.5		
Gollihar Rd - Carroll Lane to Kostoryz	230.0		
Sunnybrook Road Sidewalk Improvements PH2	521.0		
Poth Lane Sidewalk Improvements PH1	371.3		
Morgan Ave - S Staples St to Crosstown Freeway	2,956.5		
Poth Lane Sidewalk Improvements PH2	371.3		
Holly Rd - Crosstown Freeway to Greenwood Dr	3,788.0		

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2019 CAPITAL BUDGET
(Amounts in 000's)

PROJECT RECOMMENDATIONS		FUNDING SOURCES	
Streets (Con't)			
Ayres St - Pedestrian Improvements and Turn Land Addition	3,548.0		
Flato Road - Agnes to Bates	2,207.0		
Yorktown Rd - Everhart Rd to S Staples	470.0		
Leopard St - Crosstown Freeway to Palm Dr	3,057.0		
Rodd Field Rd Expansion - Saratoga to Yorktown	2,792.5		
Park Rd 22 Bridge	7,058.0		
Everhart Rd - Holly to S Padre Island Dr	8,118.8		
Slough Rd - Rodd Field to Amethyst Dr	3,955.0		
Holly Rd - Rodd Filed to Ennis Joslin	5,571.5		
Utility relocations funded by Utilities (See Airport, Storm Water, Water, Gas, & Wastewater)	(43,005.7)		
Total Projects:	$ 21,212.8	Total Funding:	$ 21,212.8
Gas			
New Gas Transmission Main	$ 700.0		
Gas Line Replacement/Extension Program	2,405.0	Revenue Bonds	9,808.4
Padre Island Water and Gas Line Extension	800.0		
Public Fill CNG Station	750.0		
Cathodic Protection Upgrades	200.0		
TxDOT Gas Line Relocation (Harbor Bridge)	4,200.0		
Street Utility Relocations	753.4		
Total Projects:	$ 9,808.4	Total Funding:	$ 9,808.4
Storm Water			
Citywide Storm Water Infrastructure Rehabilitation/Replacement	$ 2,000.0	Revenue Bonds	$ 19,425.5
La Volla Creek Storm Water Modeling & Improvements	1,500.0	Storm Water Capital Reserve	9,060.9
Citywide Outfall Assessment and Repairs	800.0		
Lifecycle Curb and Gutter Replacement	600.0		
Channel/Ditch Improvements	600.0		
Bridge Rehabilitation	500.0		
Street Utility Relocations	22,486.4		
Total Projects:	$ 28,486.4	Total Funding:	$ 28,486.4
Water Supply			
Mary Rhodes Pipeline Ph1 Pump Station	2,000.0	Revenue Bonds	$ 4,800.0
Choke Canyon Dam Infrastructure Improvements	1,500.0	Raw Water Supply Fund	400.0
Mary Rhodes Pipeline Cathodic Protection upgrade	300.0	Choke Canyon Trust Fund	1,500.0
Mary Rhodes Pipeline Office Building	300.0		
Corpus Christi Aquifer Storage & Recovery Study	400.0		
Mary Rhodes Pipeline PH2 Pump System Improvements	200.0		
Wesley Seale Dam Spillway Infrastructure Improvements	2,000.0		
Total Projects:	$ 6,700.0	Total Funding:	$ 6,700.0

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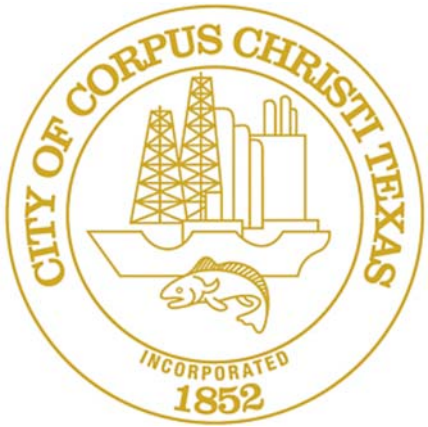
2019 CAPITAL BUDGET
(Amounts in 000's)

PROJECT RECOMMENDATIONS		FUNDING SOURCES	
Water			
ONSWTP On-site Hypochlorite Generation	$ 2,500.0	Revenue Bonds	$ 56,430.9
TxDOT Water Line Relocation - Harbor Bridge	3,000.0	Water Capital Reserve	
ONSTWP Clearwell No.3	1,500.0	Pay as You Go	-
ONS WTP High Service Building 3	2,000.0		
ONS Water Treatment Plant Filtration System Hydraulic Improvements	65.0		
ONS Stevens Raw Water Influent and Chemical Facilities Improvements	7,500.0		
ONS WTP Sedimentation Basin Improvements, Lagoons 5 & 6	600.0		
ONS Water Treatment Plant Potable Water Line Rehabilitation	65.0		
Citywide Water Distribution System IDIQ Program	6,000.0		
Water System Process Control Reliability Improvements	1,000.0		
ONSTWP Electrical Distribution Improvements	500.0		
San Patricio Municipal Water District Transmission Main Connection	4,780.0		
Elevated Water Storage Tanks PH3	200.0		
ONS Water Treatment Plant Solids Handling & Disposal Facilities	480.0		
Water Transmission Infrastructure Cathodic Protection Improvements	700.0		
ONS Water Treatment Plant Site Infrastructure Improvements	1,200.0		
Water Line Replacement Program	1,500.0		
Yorktown Blvd. Water Line Extension	200.0		
Permanent Enclosure for Water Disinfection System at Navigation Pump Station	500.0		
Water Line Replacement Program In-House	1,000.0		
Utility Building Expansion	2,500.0		
City Large-Size Water Line Assessment & Repairs	500.0		
Street Utility Relocations	13,140.9		
Nueces River Raw Water Pump Station	$ 5,000.0		
Total Projects:	$ 56,430.9	Total Funding:	$ 56,430.9
Wastewater			
Whitecap Wastewater Treatment Plant Odor Control, Process and Bulkhead Improvements	600.0	Revenue Bonds	42,175.1
City-Wide Wastewater Lift Station Alternate Power Supply	300.0	Pay as You Go	-
City-Wide Collection System IDIQ (SSOI)	3,200.0		
Laguna Shores Road Force Main Replacement	5,000.0		
Wastewater Treatment Plants & Lift Station SCADA Improvements	750.0		
Greenwood WWTP Flood Mitigation	1,500.0		
Greenwood Headworks & Grit Removal Rehabilitation	1,500.0		
Greenwood WWTP Electrical Improvements to UV System	2,200.0		
McBride Lift Station and Force Main	4,500.0		
Lift Station Repairs - Citywide	2,000.0		
TxDOT Wastewater Line Relocation	5,000.0		
Allison Plant Process Upgrade & Process Improvements	4,000.0		
Greenwood Flow Diversion to New Broadway WWTP	1,000.0		
Greenwood WWTP Process Upgrades	1,000.0		
New Broadway Wastewater Plant Rehabilitation	1,000.0		
Laguna Madre Plant Rehabilitation	1,000.0		
Whitecap Treatment Plant Improvements	1,000.0		
Street Utility Relocations	6,625.1		
Total Projects:	42,175.1	Total Funding:	42,175.1
		TOTAL CAPITAL BUDGET:	**$ 197,583.7**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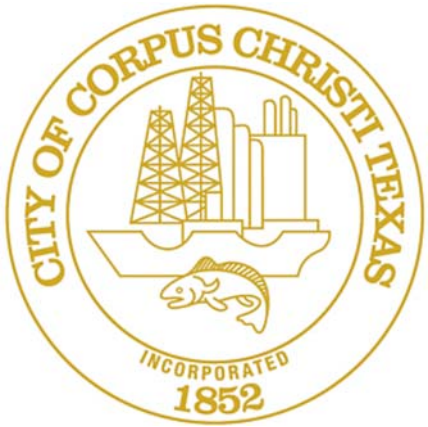
CIP Summaries

Obligation to the Future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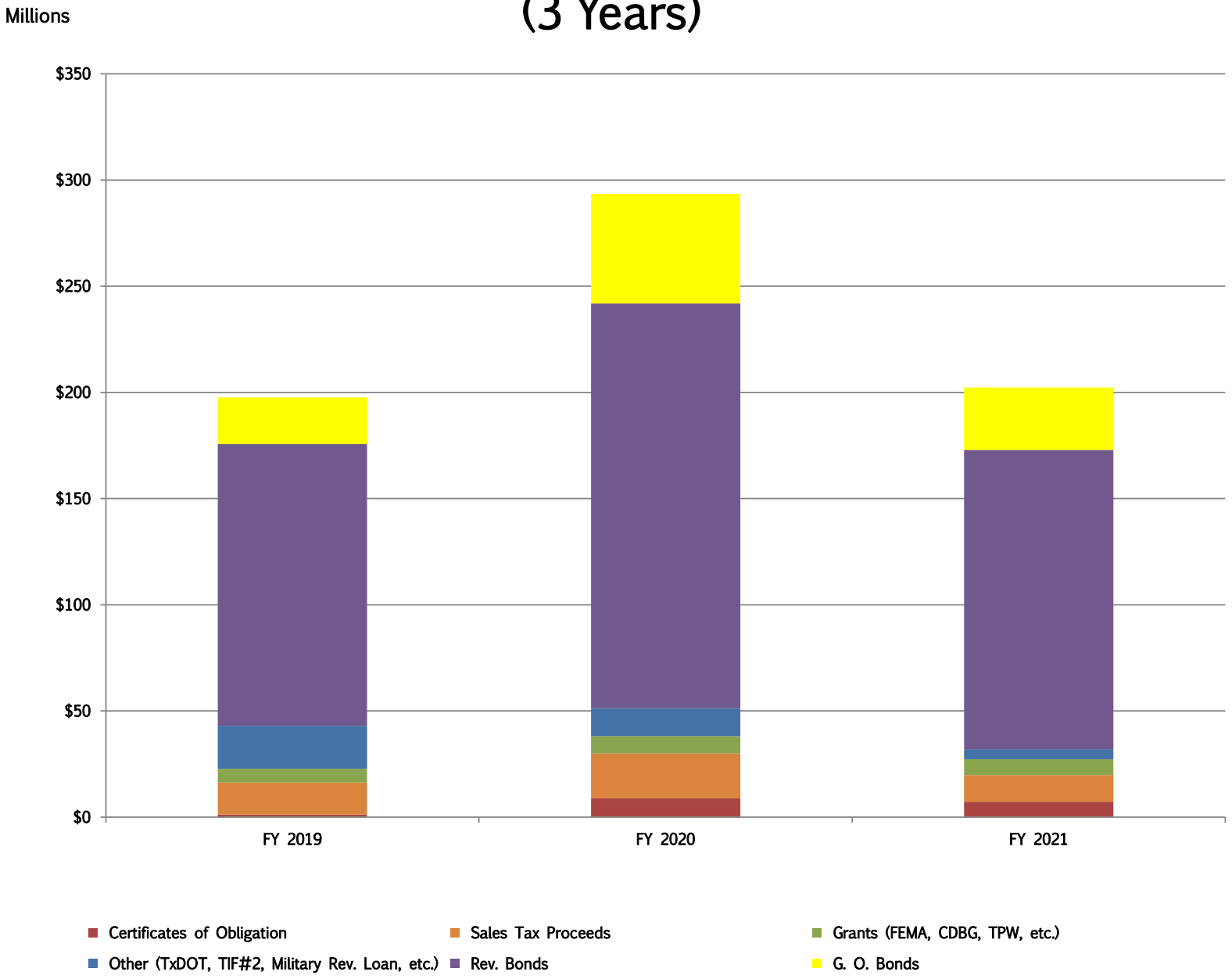
REVENUES BY TYPE
(3 Years)



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SHORT-RANGE CIP SUMMARY

Funding Sources by Revenue Type

(Amounts in 000's)

Type	Estimated Project-to-Date Funding Sources thru July '18	**CIP Budget Year 1 2018-2019**	Year 2 2019-2020	Year 3 2020-2021	**Three Year Total**
Future Certificates of Obligation		**$ 1,261.7**	$ 8,905.0	$ 7,298.6	**$ 17,465.3**
Certificates of Obligation	38,616.4				**$ -**
CIP Reserves	3,480.7	**10,295.3**	1,434.4	3,536.9	**$ 15,266.6**
Revenue Bonds	151,004.8	**132,639.9**	190,572.7	140,915.2	**$ 464,127.8**
General Obligation Bond 2004	1,593.6	**1,158.0**			**$ 1,158.0**
Grant / FAA	56,880.6	**6,400.0**	8,260.0	7,462.5	**$ 22,122.5**
Other Funding	1,477.5	**4,034.4**	75.0	750.0	**$ 4,859.4**
Nueces County Contribution					**$ -**
Tax Increment Financing District		**3,410.0**	11,610.0	510.0	**$ 15,530.0**
General Obligation Bond 2016	22,250.0				**$ -**
Tax Notes	3,801.7				**$ -**
Texas Parks and Wildlife Department Grant					**$ -**
Texas General Land Office					**$ -**
General Obligation Bonds 2018		**14,819.4**	51,620.0	29,284.6	**$ 95,724.0**
Texas Water Development Board	2,750.0				**$ -**
Type B Sales Tax		**5,315.0**	5,535.0		**$ 10,850.0**
Type A Sales Tax		**9,775.0**	15,500.0	12,500.0	**$ 37,775.0**
Genearl Obligation Bond 2012	15,217.7				**$ -**
General Obligation Bond 2008	2,553.5	**5,900.0**			**$ 5,900.0**
General Obligation Bond 2014	66,751.3				**$ -**
Community Enrichment Fund	138.7				**$ -**
Texas Department of Transportation	546.8	**960.0**			**$ 960.0**
Hotel Occupancy Tax (HOT)		**1,615.0**			**$ 1,615.0**
	$ 367,063.3	**$ 197,583.7**	$ 293,512.1	$ 202,257.8	**$ 693,353.6**

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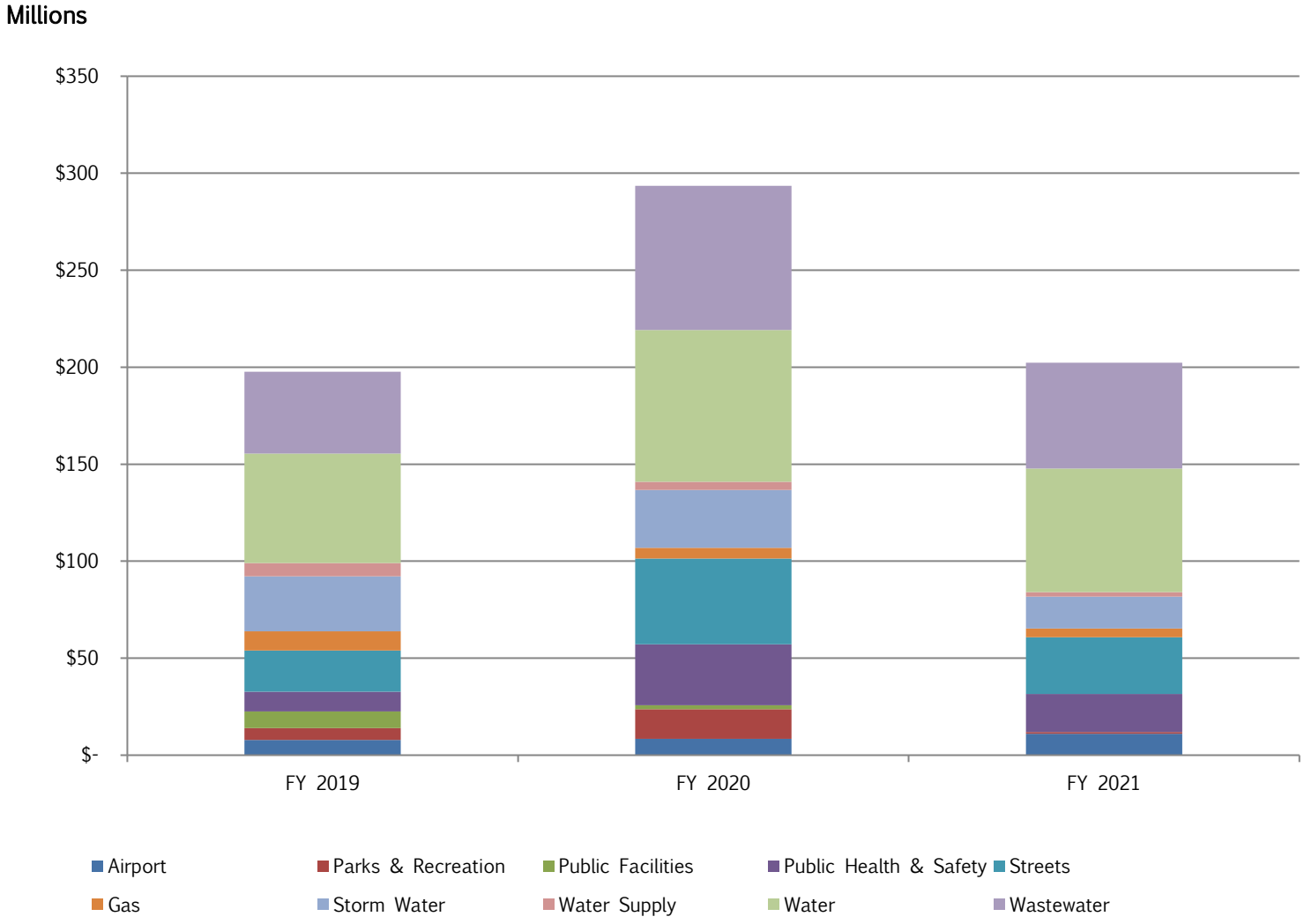
PROGRAM EXPENDITURES
(3 Years)



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SHORT-RANGE CIP SUMMARY

Expenditures by Program/Project

(Amounts in 000's)

Program / Project	Project Budget as of July '18	CIP Budget Year 1 2018-2019	Year 2 2019-2020	Year 3 2020-2021	Three Year Total
Airport	$ 63,895.80	**$ 7,834.40**	$ 8,469.40	$ 10,994.4	**$ 27,298.20**
Parks & Recreation	10,149.1	**6,117.9**	15,183.1	965.0	**22,266.0**
Public Facilities					
Bond 2018- Propostion D		**1,368.9**	2,053.1		**3,422.0**
Streets & Silid Waste Admin Building Roof	300.0				**-**
Owens R. Hopkins & Garcia Library Roof Replacement	80.0				**-**
American Bank Center Facility Improvements		**7,190.0**			**7,190.0**
Central Library Roof Replacement	940.6				**-**
Public Facility Improvements	1,319.4				**-**
subtotal	2,640.0	**8,558.9**	2,053.1	-	**10,612.0**
Public Health & Safety					
Bond 2018 Prop E		**460.0**	689.0		**1,149.0**
Bond 2018 Prop F		**4,537.2**	6,805.9	-	**11,343.1**
J.C. Elliot & Cefe Improvements	10,798.9	**736.7**	8,200.0	6,848.6	**15,785.3**
Sewall Capital Repairs		**500.0**	200.0	1,000.0	**1,700.0**
Marina Breakwater Repairs		**1,250.0**	2,000.0	-	**3,250.0**
Other		**2,775.0**	13,610.0	11,750.0	**28,135.0**
subtotal	10,798.9	**10,258.9**	31,504.9	19,598.6	**61,362.4**
Streets (less Utility Support)					
Street Improvements	153,143.6	**64,218.5**	94,986.5	53,944.8	**213,149.8**
ADA Specific Improvements	2,500.0	**-**	-	-	**-**
subtotal (includes Utility Support)	155,643.6	**64,218.5**	**94,986.5**	**53,944.8**	**213,149.8**
Less Utility Support		**(43,005.7)**	(50,757.6)	(24,660.2)	**(118,423.5)**
subtotal	155,643.6	**21,212.8**	44,228.9	29,284.6	**94,726.3**
Utilities (with Street Utility Relocations)					
Gas	3,294.5	**9,808.4**	5,487.0	4,431.0	**19,726.4**
Storm Water	19,404.2	**28,486.4**	29,853.3	16,496.4	**74,836.1**
Water Supply	5,806.5	**6,700.0**	4,100.0	2,300.0	**13,100.0**
Water	49,237.2	**56,430.9**	78,236.1	63,657.4	**198,324.4**
Wastewater	46,193.5	**42,175.1**	74,396.3	54,530.4	**171,101.8**
subtotal	123,935.9	**143,600.8**	**192,072.7**	141,415.2	**477,088.7**
TOTAL:	$ 367,063.3	**$ 197,583.7**	$ 293,512.1	$ 202,257.8	**$ 693,353.6**

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DESCRIPTION / EXPLANATION OF FUNDING SOURCES

CERTIFICATES OF OBLIGATION - debt instruments secured by the taxing power of a city. They do not require voter authorization.

COMMUNITY DEVELOPMENT BLOCK GRANT - funds made available from the U.S. Department of Housing and Urban Development (HUD) to assist local governments in providing improvements for low to moderate income families in designated areas. Funding is received via annual allocation from HUD based on the City's Consolidated Annual Action Plan which is prepared annually pursuant to a separate Council-approved process.

GENERAL OBLIGATION BONDS – bonds requiring voter approval and are used to finance a variety of general improvement capital projects including streets, buildings and parks. These bonds are backed by the full faith and credit of the City.

MILITARY REVOLVING LOAN – proceeds received from a State of Texas loan program for projects to enhance the military value of NAS Corpus Christi.

PADRE ISLAND TAX INCREMENT FINANCING DISTRICT - financing method whereby tax revenue over a base amount, often referred to as an increment, is pledged by participating taxing entities to service debt issued in association with a specific project. The Padre Island Tax Increment Financing District will provide funding for the North Padre Island Storm Drainage Reduction and Environmental Restoration Project (Packery Channel).

TYPE A BOARD PROCEEDS – city sales tax proceeds dedicated to Economic Development, Arena, or Seawall. Each area collects 1/8th of a cent.

RESERVES – generally unused capital funds from a prior period and/or excess operating funds appropriated for capital projects.

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DESCRIPTION / EXPLANATION OF FUNDING SOURCES
(continued)

PASSENGER FACILITY CHARGE (PFC) - a $4.50 per enplaned passenger fee that is authorized by the Federal Aviation Administration and assessed by the City of Corpus Christi. The PFC provides funding for major capital improvements such as the current Airport Terminal Reconstruction Project.

REVENUE BONDS - bonds payable from a specific source of revenue such as utilities which does not pledge the City's full faith and credit. Most of the City's outstanding revenue bonds have been issued to fund utility projects.

STATE INFRASTRUCTURE BANK LOAN - proceeds from a State of Texas low-interest loan program that were secured by the City of Corpus Christi to fund its share of construction costs associated with projects.

STATE REVOLVING FUND LOAN - proceeds received from a State of Texas program that provides funding for specific wastewater utility projects. SRF loans usually have more favorable terms and interest rates than conventional funding sources.

STREET ASSESSMENT APPROPRIATIONS - revenue derived from payments by private property owners who volunteer to be assessed for a portion of street improvements undertaken by the City as part of larger street improvements program.

TRUST FUNDS - funds which are established to account for all assets received by the City that are in the nature of a dedicated trust and not accounted for in other funds.

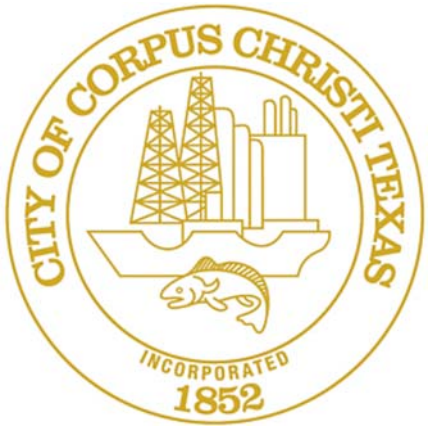
LAWSUIT SETTLEMENT PROCEEDS – generally includes operating funds being allocated toward court order capital projects.

REGIONAL TRANSPORTATION AUTHORITY (RTA) – generally funded annually under an existing interlocal agreement, whereby the RTA provides funding primarily for street improvements.

City of Corpus Christi, Texas

Utility Rates

Obligation to the Future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2 Year Utility Rates by Utility

	2018	2019
Average ICL Res Water Rate @ 3,000 gallons (Water rate per gallons on following page)	$22.03	$22.03
Average Wastewater Rate @ 3,000 gallons	$35.85	$35.85
Average Gas Rate @ 3,000 gallons	$17.46	$17.46

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INSIDE-CITY

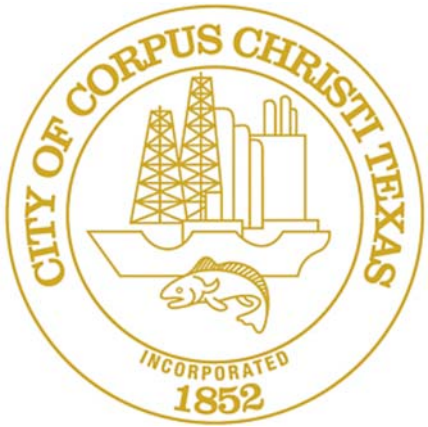
Residential

		WATER		WASTEWATER	
		2018	2019	2018	2019
MIN		14.68	14.68	32.60	32.60
3,000	gals/mo	22.03	22.03	35.85	35.85
4,000	gals/mo	29.37	29.37	39.10	39.10
5,000	gals/mo	36.71	36.71	42.35	42.35
6,000	gals/mo	44.05	44.05	45.60	45.60
10,000	gals/mo	77.22	77.22	65.00	65.00
12,000	gals/mo	93.80	93.80	74.70	74.70
15,000	gals/mo	118.68	118.68	89.25	89.25
20,000	gals/mo	163.39	163.39	125.50	125.50
35,000	gals/mo	297.52	297.52	161.75	161.75
45,000	gals/mo	386.94	386.94	161.75	161.75

City of Corpus Christi, Texas

AIRPORT

Obligation to the Future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CITY OF CORPUS CHRISTI AIRPORT PROGRAM

Capital improvements for Corpus Christi International Airport (CCIA) are primarily developed in accordance with the Airport Master Plan and the Federal Aviation Administration (FAA) grant funding process. The Master Plan establishes a program for improvement of existing facilities and the development of additional facilities over the next twenty (20) years. In addition, the FAA establishes the grant project funding criteria based on type and overall nation-wide priorities. The Master Plan outlines projects for development at the Airport and ensures available assets will meet projected needs and customer demands. The current Plan is scheduled for an overall update beginning in October 2020. In accordance with the Plan, the Fiscal Year 2018–2019 Airport Capital Improvement program reflects a comprehensive evaluation of Airport needs, resulting in a concise and sustainable plan for current and future growth. Planned projects support City Council goals of enhanced economic development and providing access to aeronautical services for the Coastal South Texas Region.

The Proposed FY 2018-19 Airport Capital Improvement Program reflects a continued focus on the on-going phasing of the East General Aviation Apron Rehabilitation and Air Carrier Ramp Reconstruction Projects. These two projects continue the directed commitment in the last five years to airside pavement improvements including extensive work on both runways and associated taxiways. Year 1 of the Capital Program also reflects the initial phase of work on airport terminal building rehabilitation program based on recommendations from the Terminal Building Assessment report.

Years 2 and 3 of the Airport Short-Range Capital Improvement Plan include projects that improve airport pavement infrastructure. The East General Aviation Apron rehabilitation will continue as well as the reconstruction of the current air carrier ramp. Also included are plans for parking lot improvements, construction of a fuel farm for General Aviation (GA) customers, rehabilitation of select terminal areas and replacement of an additional Aircraft Rescue Fire Fighting (ARFF) vehicle. Airport staff continues negotiations for several business development options including the construction and operation of general aviation facilities and other revenue generating ventures such as a convenience store and hotel development. Those potential projects will be reflected in future Capital Budgets as agreements are executed.

Long-range improvements reflect infrastructure maintenance and rehabilitation as required by existing conditions. Several revenue-generating projects are planned to make the airport a superior facility for traveler convenience and comfort. Timelines for capital improvement projects are subject to Federal Aviation Administration entitlement grant levels and discretionary funding.

A recap of the budgeted expenditures includes:

	YEAR ONE 2018 – 2019	YEAR TWO 2019 – 2020	YEAR THREE 2020 - 2021
TOTAL PROGRAMMED EXPENDITURES:	**$ 7,834,400**	**$ 8,469,400**	**$ 10,994,400**
FUNDING:			
Certificates of Obligation (Issued)	**$ 200,000**	**$ 200,000**	**$ 200,000**
Airport Fund Reserve	**$ 1,234,400**	**$ 1,434,400**	**$ 3,081,900**
FAA Grant	**$ 6,400,000**	**$ 6,760,000**	**$ 6,962,500**
Customer Facility Charge	**$ 0**	**$ 75,000**	**$ 750,000**
TOTAL PROGRAMMED FUNDS:	**$ 7,834,400**	**$ 8,469,400**	**$ 10,994,400**

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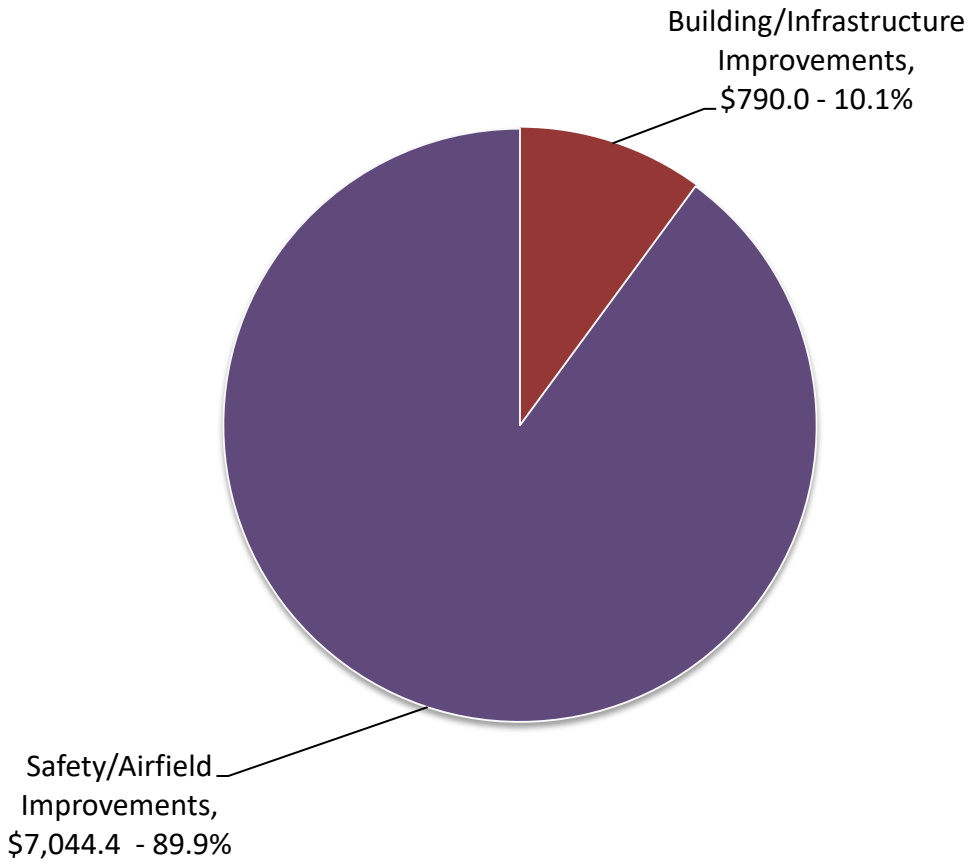
Airport
Annual CIP: $7,834.4
(Amounts in 000's)



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AIRPORT
Short Range CIP

Seq #	Project Name	Project-to-Date Obligations February 2018	Unspent Prior Budget as of March 2018	**CIP Budget Year 1 2018 - 2019**	Year 2 2019 - 2020	Year 3 2020 - 2021	**Three Year Total**
AV01	**Runway 17-35 Safety Mitigation** Finance and Engineering Number: **E11046/E15222**	18,579.3	568.0				
AV02	**Runway 13-31 Extension Safety Mitigation** Finance and Engineering Number: **E11047**	25,665.3	1,056.0				
AV03	**CCIA Air Operations Area Perimeter Fence Replacement** Finance and Engineering Number: **E15221**	7,013.6	893.6				
AV04	**Rehabilitate East General Aviation Apron** Finance and Engineering Number: **E12156, E15234**	3,927.0	2,282.8	**2,600.0**	2,600.0	2,600.0	**7,800.0**
AV05	**Reconstruction Air Carrier Ramp (Terminal Apron)** Finance and Engineering Number: **E15223**	205.0	3,675.2	**4,444.4**	4,444.4	4,444.4	**13,333.2**
AV06	**Repair/ Rehabilitate Communication Bldg** Finance and Engineering Number: **TBD**	-	-	**120.0**	-		**120.0**
AV07	**Rehabilitate Passenger Boarding Bridges** Finance and Engineering Number: **TBD**	-		**350.0**	350.0	300.0	**1,000.0**
AV08	**Terminal Service Animal Relief Area (SARA)** Finance and Engineering Number: **18056A**	30.0		**100.0**	-	-	**100.0**
AV09	**Terminal Building Assessment/Rehabilitation** Finance and Engineering Number: **TBD**	-		**220.0**	-	-	**220.0**
AV10	**Parking Lot Improvements** Finance and Engineering Number: **TBD**	-			400.0	1,775.0	**2,175.0**
AV11	**Car Rental Ready Return Parking Lot** Finance and Engineering Number: **TBD**	-			75.0	750.0	**825.0**
AV12	**CCIA Airfield Pavement Assessment** Finance and Engineering Number: **TBD**				200.0		**200.0**

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AIRPORT
Short Range CIP

Seq #	Project Name		Project-to-Date Obligations February 2018	Unspent Prior Budget as of March 2018	**CIP Budget Year 1 2018 - 2019**	Year 2 2019 - 2020	Year 3 2020 - 2021	**Three Year Total**
AV13	**Airport Layout Plan** Finance and Engineering Number: **TBD**					400.0		**400.0**
AV14	**Airport Master Plan** Finance and Engineering Number: **TBD**						625.0	**625.0**
AV15	**Airport Land Acquisition** Finance and Engineering Number: **TBD**						500.0	**500.0**
	Program Total:		**55,420.2**	**8,475.6**	**7,834.4**	**8,469.4**	**10,994.4**	**27,298.2**
	CURRENTLY AVAILABLE FUNDING							
	Certificates of Obligation		4,651.0	334.6	200.0	200.0	200.0	**600.0**
	Airport Fund Reserves		915.2	1,114.4	1,234.4	1,434.4	3,081.9	**5,750.7**
	FAA Grants		49,854.0	7,026.6	6,400.0	6,760.0	6,962.5	**20,122.5**
	Customer Facility Charge (CFC)		-	-	-	75.0	750.0	**825.0**
	Total Currently Available:		**55,420.2**	**8,475.6**	**7,834.4**	**8,469.4**	**10,994.4**	**27,298.2**

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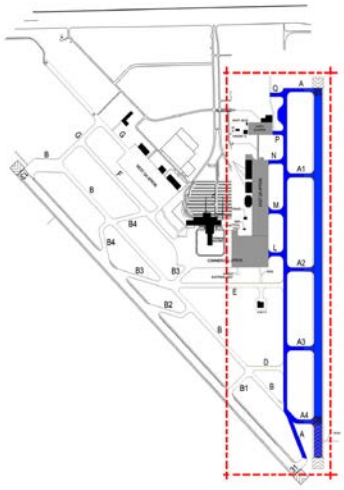
PROJECT DESCRIPTION

Department: Aviation Sequence #01

PROJECT TITLE: Runway 17-35 Safety Mitigation

Consistent with 2007 Airport Master Plan

DESCRIPTION:
This project will shift Runway 17-35 by 600 feet north, displace threshold of Runway 35 by 600 feet north and reconfigure connecting taxiways accessing Runway 17-35 from Taxiway Alpha and terminal apron parking. Project includes relocation of navigational aids, lighting and signage. Existing surfaces of Runways 17-35 will be rehabilitated via cold - tar application and marked accordingly. This project includes Environmental Assessment, Airport Geographical Information System, Topo Survey, Land Acquisition/Navigational Easement, Preliminary Design Reimbursable Agreement and Federal Aviation Administration - Memorandum of Agreement.



PROJECT NOTES:

Engineering Project No:	E11046/E15222
Finance Project No.:	G47E11046
	G49E11046,G49E11046A,G49E11046B, G49E15222
A/E Consultant:	KSA Engineers
Contractor:	Bay Ltd./ GL Contracting-Double Rafter H Construction Company, LLC
Award Design:	May 2011
Award Construction:	October 2012
Anticipated Completion:	December 2018

FUNDING SCHEDULE (Amounts in 000's)

Use of Funds	Project-to-Date Obligations February 2018	Unspent Prior Budget as of March 2018	**CIP Budget Year 1 2018 - 2019**	Year 2 2019 - 2020	Year 3 2020 - 2021	**Future Budget Required (Years 4 - 10)**	**Total Project Value (Amounts in $'s)**
Design & Engineering	1,019.4	-					**1,019,400**
Design/Build Construction	16,069.0	489.0					**16,558,000**
Contingency							
Inspection/Other	1,490.9	79.0					**1,569,900**
TOTAL:	18,579.3	568.0					**$ 19,147,300**
Source of Funds							
Certificates of Obligation	1,691.8	-					**1,691,800**
Airport Fund Reserves	163.3	56.8					**220,100**
FAA Grant	16,724.2	511.2					**17,235,400**
TOTAL:	18,579.3	568.0					**$ 19,147,300**

OPERATIONAL IMPACT:
Projected operational impact of additional $10,000 for additional runway maintenance [sweeping, rubber removal, painting].

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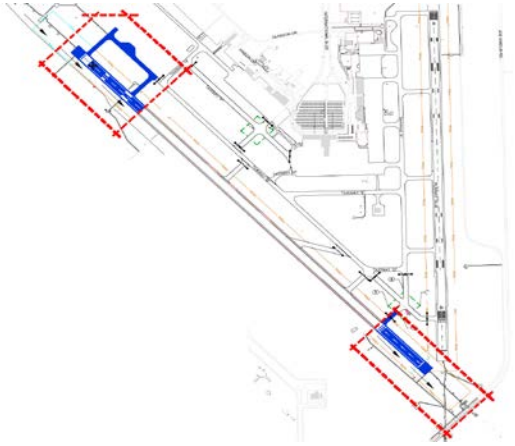
PROJECT DESCRIPTION

Department: Aviation Sequence #02

PROJECT TITLE: Runway 13-31 Extension Safety Mitigation

Consistent with 2007 Airport Master Plan

DESCRIPTION:
This project consists of extending Runway 13 by 1,000 ft north, displacing Runway 31 by 1,000 ft and associated new connecting taxiways; reconfigure connecting taxiways accessing Runway 13-31 from Taxiway Bravo and terminal apron parking. Project includes relocation of all navigational aids, run up area, removal of older section of pavement, construct new Taxiway, runway lighting, LED lighting on Taxiways and signage. Existing surface of Runway 13-31 will be rehabilitated via cold- tar application and marked accordingly. This project includes an Environmental Assessment, Airport Geographical Information System, Topo Survey, Land Acquisition/Navigational Easement, Preliminary Desire Reimbursable Agreement and Federal Aviation Administration - Memorandum of Agreement.



PROJECT NOTES:

Engineering Project No:	E11047
Finance Project No.:	G47E11047
	G50E11047, G51E11047, G52E11047
A/E Consultant:	KSA Engineering
Contractor:	Bay Ltd.
Award Design:	May 2011
Award Construction:	October 2012
Anticipated Completion:	December 2018

FUNDING SCHEDULE (Amounts in 000's)

Use of Funds	Project-to-Date Obligations February 2018	Unspent Prior Budget as of March 2018	**CIP Budget Year 1 2018 - 2019**	Year 2 2019 - 2020	Year 3 2020 - 2021	**Future Budget Required (Years 4 - 10)**	**Total Project Value (Amounts in $'s)**
Design & Engineering	1,291.3						**1,291,250**
Design/Build Construction	23,044.0	911.7					**23,955,700**
Contingency							
Inspection/Other	1,330.1	144.3					**1,474,350**
TOTAL:	25,665.3	1,056.0					**$ 26,721,300**
Source of Funds							
Certificates of Obligation	2,566.5	105.6					**2,672,100**
Airport Fund Reserves							
FAA Grant	23,098.8	950.4					**24,049,200**
TOTAL:	25,665.3	1,056.0					**$ 26,721,300**

OPERATIONAL IMPACT:
Projected operational impact of additional $10,000 for additional runway maintenance.

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PROJECT DESCRIPTION

Department: Aviation Sequence #03

PROJECT TITLE: CCIA Air Operations Area Perimeter Fence Replacement

Consistent with 2007 Airport Master Plan

DESCRIPTION:
Project will design and replace approximately nine (9) miles of existing 6' airfield perimeter fence with 8' fence and install concrete apron under fence.

Existing fence is showing signs of environmental damage (rust and broken barbed wire strands); fence has been cut in several places by attempted intruders and hit by vehicles in various locations around perimeter.

Installation of concrete apron under fence will serve to control wildlife intrusions by providing barrier they cannot dig under. It will deter human intrusion attempts by making it more difficult to penetrate under fence and will aid in maintaining fence line zones by discouraging plant growth in fabric.

PROJECT NOTES:

Engineering Project No:	E15221
Finance Project No.:	G54E15221
A/E Consultant:	Garver USA
Contractor:	Beecroft Construction
Award Design:	June 2016
Award Construction:	November 2016
Anticipated Completion:	November 2018

FUNDING SCHEDULE (Amounts in 000's)

Use of Funds	Project-to-Date Obligations February 2018	Unspent Prior Budget as of March 2018	**CIP Budget Year 1 2018 - 2019**	Year 2 2019 - 2020	Year 3 2020 - 2021	**Future Budget Required (Years 4 - 10)**	**Total Project Value (Amounts in $'s)**
Design & Engineering	333.6						**333,600**
Design/Build Construction	6,406.6	724.2					**7,130,800**
Contingency							
Inspection/Other	273.4	169.4					**442,800**
TOTAL:	7,013.6	893.6					**$ 7,907,200**
Source of Funds							
Certificates of Obligation							
Airport Fund Reserves	701.4	690.0					**1,391,360**
FAA Grant	6,312.2	203.6					**6,515,840**
TOTAL:	7,013.6	893.6					**$ 7,907,200**

OPERATIONAL IMPACT: N/A

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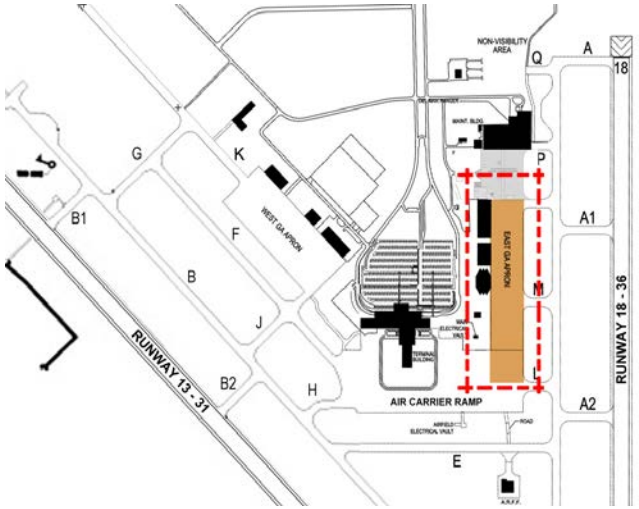
PROJECT DESCRIPTION

Department: Aviation Sequence #04

PROJECT TITLE: Rehabilitate East General Aviation (GA) Apron

Consistent with 2007 Airport Master Plan

DESCRIPTION:
Reconstruct East GA Apron to include removal of existing asphalt pavement and replace with reinforced concrete, aircraft tie-downs, striping and upgrades to apron lighting. Existing apron has shown signs of deterioration and base failures and needs replacement. East and North aprons serve Signature Flight Support Fixed Based Operator (East FBO) and are essential for maintaining service to GA Aircraft. Project will be phased accordingly within funding availability,



PROJECT NOTES:

Engineering Project No:	E12156, E15234
Finance Project No.:	G50E12156
	G53E15234
A/E Consultant:	KSA Engineers /Garver USA
Contractor:	SpawGlass Civil Construction, Inc.
Award Design:	January 2013
Award Construction:	October 2016
Anticipated Completion:	January 2019

FUNDING SCHEDULE (Amounts in 000's)

Use of Funds	Project-to-Date Obligations February 2018	Unspent Prior Budget as of March 2018	**CIP Budget Year 1 2018 - 2019**	Year 2 2019 - 2020	Year 3 2020 - 2021	**Future Budget Required (Years 4 - 10)**	**Total Project Value (Amounts in $'s)**
Design & Engineering	372.0	173.0	**225.0**	225.0	225.0	450.0	**1,670,000**
Design/Build Construction	3,282.0	1,846.2	**2,000.0**	2,000.0	1,900.0	3,800.0	**14,828,200**
Contingency							
Inspection/Other	273.0	263.6	**375.0**	375.0	475.0	950.0	**2,711,600**
TOTAL:	3,927.0	2,282.8	**2,600.0**	2,600.0	2,600.0	5,200.0	**$ 19,209,800**
Source of Funds							
Certificates of Obligation	392.7	229.0	**200.0**	200.0	200.0	520.0	**1,741,700**
Airport Fund Reserves							
FAA Grant	3,534.3	2,053.8	**2,400.0**	2,400.0	2,400.0	4,680.0	**17,468,100**
TOTAL:	3,927.0	2,282.8	**2,600.0**	2,600.0	2,600.0	5,200.0	**$ 19,209,800**

OPERATIONAL IMPACT:
There is no projected operational impact with this project due to existing area improvements only. The space footprint is not increasing in size.

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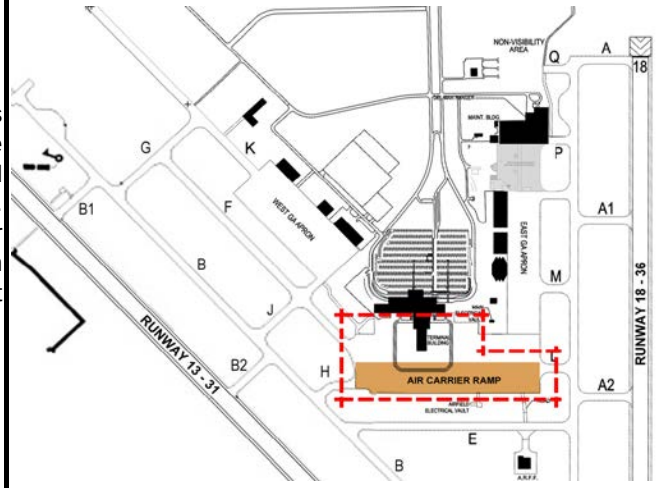
PROJECT DESCRIPTION

Department: Aviation Sequence #05

PROJECT TITLE: Reconstruction Air Carrier Ramp (Terminal Apron)

Consistent with 2007 Airport Master Plan

DESCRIPTION:
Air Carrier Apron area consists of approximately 45,000 square yards cement and 44,000 square yards asphaltic concrete. Project will include pavement assessment and removal of existing asphaltic pavement and replace with reinforced concrete and rehabilitate areas of base failure. Asphaltic pavement is showing signs of distress with minor longitudinal/transverse cracking and some rutting and deterioration from oxidation and normal wear. Rehabilitating pavement will correct current deficiencies and insure full operational capabilities.



PROJECT NOTES:

Engineering Project No:	E15223
Finance Project No.:	E15223
A/E Consultant:	Garver USA
Contractor:	SpawGlass Civil Construction, Inc.
Award Design:	December 2016
Award Construction:	November 2017
Anticipated Completion:	January 2019

FUNDING SCHEDULE (Amounts in 000's)

Use of Funds	Project-to-Date Obligations February 2018	Unspent Prior Budget as of March 2018	**CIP Budget Year 1 2018 - 2019**	Year 2 2019 - 2020	Year 3 2020 - 2021	**Future Budget Required (Years 4 - 10)**	**Total Project Value (Amounts in $'s)**
Design & Engineering	205.0	172.9	**200.0**	200.0	200.0		**977,900**
Design/Build Construction		2,395.4	**3,894.4**	3,894.4	3,894.4	4,094.4	**18,173,000**
Contingency		784.7					**784,700**
Inspection/Other		322.2	**350.0**	350.0	350.0	350.0	**1,722,200**
TOTAL:	205.0	3,675.2	**4,444.4**	4,444.4	4,444.4	**4,444.4**	**$ 21,657,800**
Source of Funds							
Certificates of Obligation							
Airport Fund Reserves	20.5	367.6	**444.4**	444.4	444.4	444.4	**2,165,700**
FAA Grant	184.5	3,307.6	**4,000.0**	4,000.0	4,000.0	4,000.0	**19,492,100**
TOTAL:	205.0	3,675.2	**4,444.4**	4,444.4	4,444.4	4,444.4	**$ 21,657,800**

OPERATIONAL IMPACT: N/A

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PROJECT DESCRIPTION

Department: Aviation

Sequence #06

PROJECT TITLE: Repair/ Rehabilitate Communication Bldg

Consistent with 2007 Airport Master Plan

DESCRIPTION:
CCIA is currently housing AIP purchased equipment in an existing 25+ year old building that sustained damaged during hurricane Harvey. This project will repair and bring up to code the facility to store and protect Airport Improvement Plan (AIP) purchased equipment from the corrosive natural elements that exist in the local environment.

PROJECT NOTES:

Engineering Project No:	TBD
Finance Project No.:	TBD
A/E Consultant:	
Contractor:	TBD
	TBD
Award Design:	
	TBD
Award Construction:	TBD
Anticipated Completion:	TBD

FUNDING SCHEDULE (Amounts in 000's)

Use of Funds	Project-to-Date Obligations February 2018	Unspent Prior Budget as of March 2018	**CIP Budget Year 1 2018 - 2019**	Year 2 2018 - 2019	Year 3 2019 - 2020	**Future Budget Required (Years 4 - 10)**	**Total Project Value (Amounts in $'s)**
Design & Engineering							
Design/Build Construction			**120.0**				**120,000**
Contingency							
Inspection/Other							
TOTAL:			**120.0**				**$ 120,000**
Source of Funds							
Certificates of Obligation							
Airport Fund Reserves			**120.0**				**120,000**
FAA Grant							
TOTAL:			**120.0**				**$ 120,000**

OPERATIONAL IMPACT:
There is no projected operational impact with this project. Existing area improvements only. The space footprint is not increasing in size.

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PROJECT DESCRIPTION

Department: Aviation Sequence #07

PROJECT TITLE: Rehabilitate Passenger Boarding Bridges

Consistent with 2007 Airport Master Plan

DESCRIPTION:
The project will provide for the removal existing Passenger Boarding Bridges at Corpus Christi International Airport (CCIA) gates 1,2,3,5 and 6, and furnish and install Moveable Passenger Boarding Bridges [PBB] containing rotunda assemblies, support columns, corridors, [with dimensions equivalent to ThyssenKrupp including 60 Tons Pre-Conditioned Air and 400 Hz Ground Power Unit [GPU].

PROJECT NOTES:

Engineering Project No:	TBD
Finance Project No.:	TBD
A/E Consultant:	TBD
Contractor:	TBD
Award Design:	TBD
Award Construction:	TBD
Anticipated Completion:	TBD

FUNDING SCHEDULE (Amounts in 000's)

Use of Funds	Project-to-Date Obligations February 2018	Unspent Prior Budget as of March 2018	**CIP Budget Year 1 2018 - 2019**	Year 2 2019 - 2020	Year 3 2020 - 2021	**Future Budget Required (Years 4 - 10)**	**Total Project Value (Amounts in $'s)**
Design & Engineering			**350.0**	350.0	300.0		**1,000,000**
Design/Build Construction							
Contingency							
Inspection/Other							
TOTAL:			**350.0**	350.0	300.0		**1,000,000**
Source of Funds							
Certificates of Obligation							
Airport Fund Reserves			**350.0**	350.0	300.0		**1,000,000**
FAA Grant							
TOTAL:			**350.0**	350.0	300.0		**1,000,000**

OPERATIONAL IMPACT: N/A

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PROJECT DESCRIPTION

Department: Aviation Sequence #08

PROJECT TITLE: Terminal Service Animal Relief Area (SARA)

Consistent with 2007 Airport Master Plan

DESCRIPTION:
In accordance with Federal Regulations 27.71 Each airport with 10,000 or more annual enplanements shall cooperate with airlines that own, lease, or control terminal facilities at that airport to provide wheelchair accessible animal relief areas for service animals that accompany passengers departing, connecting, or arriving at the airport subject to the following requirements:
The scope of services for this project includes the development of a Preliminary Engineering Report (PER), design and construction for a Service Animal Relief Area at the Corpus Christi International Airport.

PROJECT NOTES:

Engineering Project No:	18056A
Finance Project No.:	18056A
A/E Consultant:	Garver USA
Contractor:	TBD
Award Design:	TBD
Award Construction:	TBD
Anticipated Completion:	TBD

FUNDING SCHEDULE (Amounts in 000's)

Use of Funds	Project-to-Date Obligations February 2018	Unspent Prior Budget as of March 2018	**CIP Budget Year 1 2018 - 2019**	Year 2 2019 - 2020	Year 3 2020 - 2021	**Future Budget Required (Years 4 - 10)**	**Total Project Value (Amounts in $'s)**
Design & Engineering							
Design/Build Construction	30.0		**100.0**				**130,000**
Contingency							
Inspection/Other							
TOTAL:	30.0		**100.0**				**$ 130,000**
Source of Funds							
Certificates of Obligation							
Airport Fund Reserves	30.0		**100.0**				**130,000**
FAA Grant							
TOTAL:	30.0		**100.0**				**$ 130,000**

OPERATIONAL IMPACT: N/A

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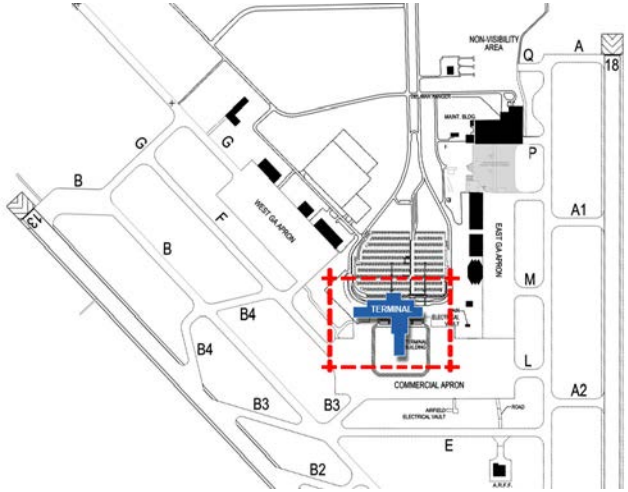
PROJECT DESCRIPTION

Department: Aviation Sequence #09

PROJECT TITLE: Terminal Building Assessment/Rehabilitation

Consistent with 2007 Airport Master Plan

DESCRIPTION:
Terminal Assessment will include west–end portion of terminal that was constructed in 1985 and not incorporated in 2000 Terminal Expansion. Assessment will include all Mechanical, Electrical, and Roof system infrastructure, compliance with ADA, current building, and life safety codes including an ADA Ramp/Lift to accommodate a 757 aircraft. Project includes upgrades to Fire Alarm Systems, energy management system, lighting control and incorporation of a new PA system.



PROJECT NOTES:

Engineering Project No:	TBD
Finance Project No.:	TBD
A/E Consultant:	TBD
Contractor:	TBD
Award Design:	TBD
Award Construction:	TBD
Anticipated Completion:	TBD

FUNDING SCHEDULE (Amounts in 000's)

Use of Funds	Project-to-Date Obligations February 2018	Unspent Prior Budget as of March 2018	**CIP Budget Year 1 2018 - 2019**	Year 2 2019 - 2020	Year 3 2020 - 2021	**Future Budget Required (Years 4 - 10)**	**Total Project Value (Amounts in $'s)**
Design & Engineering			**220.0**			2,400.0	**2,620,000**
Design/Build Construction						2,300.0	**2,300,000**
Contingency							
Inspection/Other							
TOTAL:			**220.0**			4,700.0	**$ 4,920,000**

Source of Funds							
Certificates of Obligation						270.0	**270,000**
Airport Fund Reserves			**220.0**			4,430.0	**4,650,000**
FAA Grant							
TOTAL:			**220.0**			4,700.0	**$ 4,920,000**

OPERATIONAL IMPACT: N/A

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PROJECT DESCRIPTION

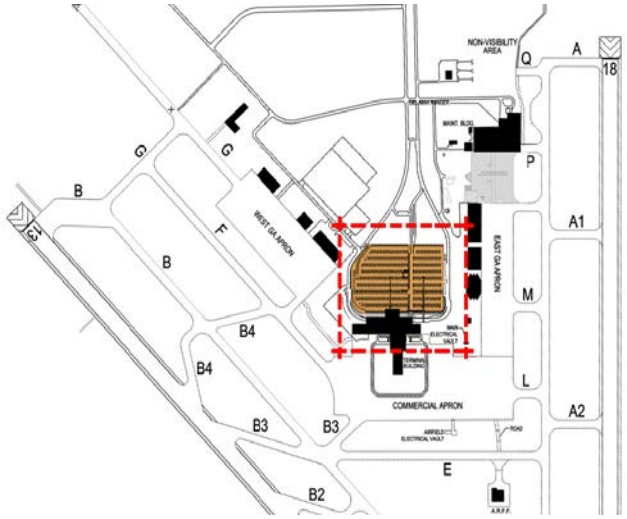
Department: Aviation

Sequence #10

PROJECT TITLE: Parking Lot Improvements

Consistent with 2007 Airport Master Plan

DESCRIPTION:
Importance of maximizing customer convenience continues to be central to design process of the airport. An important component of customer convenience is need to provide shade and weather protection for pedestrians. This project will increase the number of covered parking spaces by two rows of covered parking (approx. 129 Spaces) Other improvements include coal tar sealant, striping, landscaping, signage and installation of replacement lighting. Project proposes to generate additional revenue and meet customer demand for additional covered parking spaces. Also proposed is relocation of current Rental Return Lot located near East Ramp. New Rental Car Lot would be moved to east side of current Short Term Parking Lot. Existing Long Term Lot would be expanded to north of existing Long Term Parking Lot to increase capacity.



PROJECT NOTES:

Engineering Project No:	TBD
Finance Project No.:	TBD
A/E Consultant:	TBD
Contractor:	TBD
Award Design:	TBD
Award Construction:	TBD
Anticipated Completion:	TBD

FUNDING SCHEDULE (Amounts in 000's)

Use of Funds	Project-to-Date Obligations February 2018	Unspent Prior Budget as of March 2018	**CIP Budget Year 1 2018 - 2019**	Year 2 2019 - 2020	Year 3 2020 - 2021	**Future Budget Required (Years 4 - 10)**	**Total Project Value (Amounts in $'s)**
Design & Engineering				50.0			**50,000**
Design/Build Construction				350.0	1,775.0		**2,125,000**
Contingency							
Inspection/Other							
TOTAL:				400.0	1,775.0		**$ 2,175,000**
Source of Funds							
Certificates of Obligation							
Airport Fund Reserves				400.0	1,775.0		**2,175,000**
TOTAL:				400.0	1,775.0		**$ 2,175,000**

OPERATIONAL IMPACT: N/A
This project will generate approximately $150,000 in additional revenue for Corpus Christi International Airport and meets customer demand for premium covered parking. Anticipated funding to come from operating funds and CIP reserves.

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PROJECT DESCRIPTION

Department: Aviation Sequence #11

PROJECT TITLE: Car Rental Ready Return Parking Lot

Consistent with 2007 Airport Master Plan

DESCRIPTION:
Project will increase number of vehicle parking spaces available to patrons renting vehicles at our facility. Other improvements include coal tar sealant, striping, landscaping, signage and replace incandescent lighting with LED lighting.

Parking lot lighting will provide superior illumination offering increased safety and security as brighter, whiter light makes it easier to see at night with better contrast. LED fixtures offer directional control and minimize light migration outside targeted light footprint and reduce energy consumption.

PROJECT NOTES:

Engineering Project No:	TBD
Finance Project No.:	TBD
A/E Consultant:	TBD
Contractor:	TBD
Award Design:	TBD
Award Construction:	TBD
Anticipated Completion:	TBD

FUNDING SCHEDULE (Amounts in 000's)

Use of Funds	Project-to-Date Obligations February 2018	Unspent Prior Budget as of March 2018	**CIP Budget Year 1 2018 - 2019**	Year 2 2019 - 2020	Year 3 2020 - 2021	**Future Budget Required (Years 4 - 10)**	**Total Project Value (Amounts in $'s)**
Design & Engineering				75.0			**75,000**
Design/Build Construction					750.0		**750,000**
Contingency							
Inspection/Other							
TOTAL:				75.0	750.0		**$ 825,000**
Source of Funds							
Certificates of Obligation							
Airport Fund Reserves							
Customer Facility Charge (CFC)				75.0	750.0		**825,000**
TOTAL:				75.0	750.0		**$ 825,000**

OPERATIONAL IMPACT: N/A

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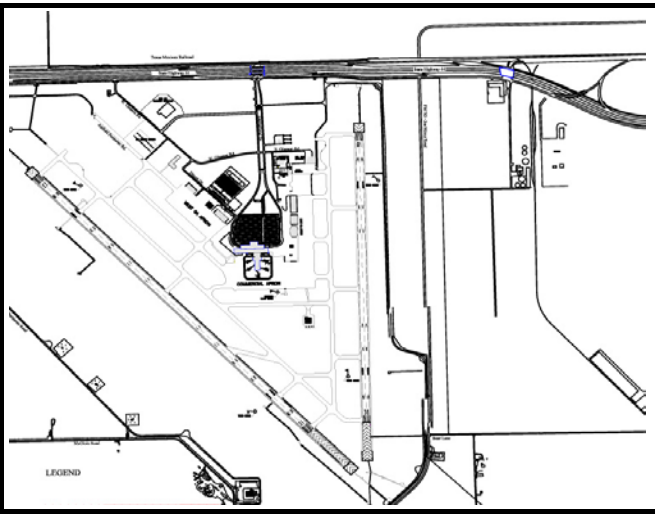
Department: Aviation Sequence #12

PROJECT TITLE: CCIA Airfield Pavement Assessment

Consistent with 2007 Airport Master Plan

DESCRIPTION:
This project is for Airport Pavement Management Program/Assessment (PMP) which includes collecting, analyzing, maintaining and reporting pavement data at Corpus Christi International as described in FAA Order 5100.38, Airport Improvement Program Handbook for Federally Funded Airports. The PMP assists airports in finding optimum strategies for maintaining pavements in safe serviceable condition over a given period for the least cost.
The scope of the assessment will be divided into two parts: Part A – Inspection, testing, and evaluation of airside pavements for development of PCI and PCN values. Part A will include a 5-year pavement maintenance plan. Part B – Development of a maintenance training manual. Part B will include staff training on performing routine maintenance and updating PAVER Database.



PROJECT NOTES:

Engineering Project No:	TBD
Finance Project No.:	TBD
A/E Consultant:	
Contractor:	TBD
Award Design:	TBD
Award Construction:	TBD
Anticipated Completion:	TBD

FUNDING SCHEDULE (Amounts in 000's)

Use of Funds	Project-to-Date Obligations February 2018	Unspent Prior Budget as of March 2018	**CIP Budget Year 1 2018 - 2019**	Year 2 2019 - 2020	Year 3 2020 - 2021	**Future Budget Required (Years 4 - 10)**	**Total Project Value (Amounts in $'s)**
Design & Engineering							
Design/Build Construction							
Contingency							
Inspection/Other				200.0			**200,000**
TOTAL:				200.0			**$ 200,000**
Source of Funds							
Certificates of Obligation							
Airport Fund Reserves				200.0			**200,000**
FAA Grant							
TOTAL:				200.0			**$ 200,000**

OPERATIONAL IMPACT: N/A

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PROJECT DESCRIPTION

Department: Aviation

Sequence #13

PROJECT TITLE: Airport Layout Plan

Consistent with 2007 Airport Master Plan

DESCRIPTION:

The Airport Layout Plan (ALP) serves as a critical planning tool that depicts both existing facilities and planned development for the airport. The project will include an illustration of:

1. Boundaries and proposed additions to all areas owned or controlled by the City/Airport for airport purposes.
2. Location and nature of existing and proposed airport facilities and structures.
3. Location on the airport of existing and proposed non-aviation areas and improvements.

Airport Layout Plan was last updated in 2012. Federal Aviation Administration encourages updating Airport Layout Plan approximately every five (5) years to reflect changing conditions.

PROJECT NOTES:

Engineering Project No:	TBD
Finance Project No.:	TBD
A/E Consultant:	TBD
Contractor:	TBD
Award Design:	TBD
Award Construction:	TBD
Anticipated Completion:	TBD

FUNDING SCHEDULE (Amounts in 000's)

Use of Funds	Project-to-Date Obligations February 2018	Unspent Prior Budget as of March 2018	**CIP Budget Year 1 2018 - 2019**	Year 2 2019 - 2020	Year 3 2020 - 2021	**Future Budget Required (Years 4 - 10)**	**Total Project Value (Amounts in $'s)**
Design & Engineering				400.0			**400,000**
Design/Build Construction							
Contingency							
Inspection/Other							
TOTAL:				400.0			**$ 400,000**
Source of Funds							
Certificates of Obligation							
Airport Fund Reserves				40.0			**40,000**
FAA Grant				360.0			**360,000**
TOTAL:				400.0			**$ 400,000**

OPERATIONAL IMPACT: N/A

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PROJECT DESCRIPTION

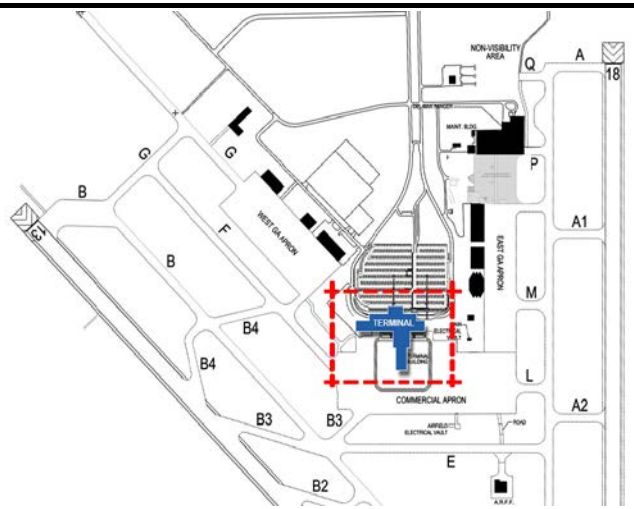
Department: Aviation Sequence #14

PROJECT TITLE: Airport Master Plan

Consistent with 2007 Airport Master Plan

DESCRIPTION:
Airport Master Plan is a comprehensive study of Corpus Christi International Airport and describes short-, medium-, and long-term development plans to meet future aviation demand.

CCIA's Master Plan was last updated in 2007. Federal Aviation Administration encourages updating Master Plans approximately every 5 years to reflect changing conditions. Master Plan will include Airport Layout Plan (ALP) Update and Part 150 Noise Compatibility Study.



PROJECT NOTES:

Engineering Project No:	TBD
Finance Project No.:	TBD
A/E Consultant:	TBD
Contractor:	TBD
Award Design:	TBD
Award Construction:	TBD
Anticipated Completion:	TBD

FUNDING SCHEDULE (Amounts in 000's)

Use of Funds	Project-to-Date Obligations February 2018	Unspent Prior Budget as of March 2018	**CIP Budget Year 1 2018 - 2019**	Year 2 2019 - 2020	Year 3 2020 - 2021	**Future Budget Required (Years 4 - 10)**	**Total Project Value (Amounts in $'s)**
Design & Engineering					625.00		**625,000**
Design/Build Construction							
Contingency							
Inspection/Other							
TOTAL:					625.00		**$ 625,000**
Source of Funds							
Certificates of Obligation							
Airport Fund Reserves					62.5		**62,500**
FAA Grant					562.5		**562,500**
TOTAL:					625.0		**$ 625,000**

OPERATIONAL IMPACT: N/A

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Department: Aviation

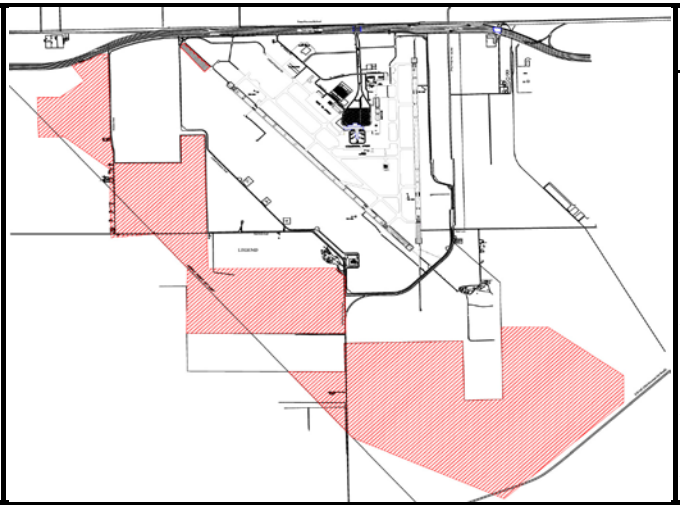
Sequence #15

PROJECT TITLE: Airport Land Acquisition

Consistent with 2007 Airport Master Plan

DESCRIPTION:

Land Acquisition for Parallel Runway 13-31 - Acquisition of approximately 1,632.15 acres of land west and south of Corpus Christi International Airport is planned for future expansion and to protect the airfield from encroachment. This land will accommodate construction of a new parallel runway and associated airfield infrastructure, air cargo, corporate and general aviation, intermodal, airline support and support facilities.



PROJECT NOTES:

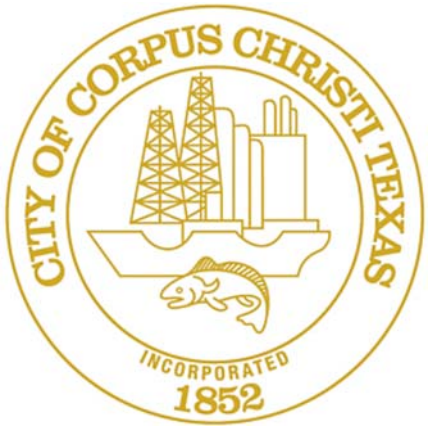
Engineering Project No:	TBD
Finance Project No.:	TBD
A/E Consultant:	TBD
Contractor:	TBD
Award Design:	TBD
Award Construction:	TBD
Anticipated Completion:	TBD

FUNDING SCHEDULE (Amounts in 000's)

Use of Funds	Project-to-Date Obligations February 2018	Unspent Prior Budget as of March 2018	**CIP Budget Year 1 2018 - 2019**	Year 2 2019 - 2020	Year 3 2020 - 2021	**Future Budget Required (Years 4 - 10)**	**Total Project Value (Amounts in $'s)**
Design & Engineering							
Design/Build Construction							
Contingency							
Inspection/Other					500.0	500.0	**1,000,000**
TOTAL:					500.0	500.0	**$ 1,000,000**
Source of Funds							
Certificates of Obligation							
Airport Fund Reserves					500.0	500.0	**1,000,000**
FAA Grant							
TOTAL:					500.0	500.0	**$ 1,000,000**

OPERATIONAL IMPACT: N/A

PARKS


CITY OF CORPUS CHRISTI TEXAS
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CITY OF CORPUS CHRISTI
PARKS AND RECREATION PROGRAM

The Parks and Recreation Program is committed to providing social, recreational and cultural events in accessible and safe environments for the community as well as visitors to Corpus Christi. The Parks and Recreation Department is responsible for overseeing 4,000 acres of developed and undeveloped open spaces including 190 parks, three beaches, 2 nature parks and 10 miles of hike and bike trails. A Master Plan, developed in 2012 with input from Corpus Christi residents, guides the development of current and future park and recreation capital improvements. Commitment to a first-class park program has been supported through numerous voter approved General Obligation Bond elections over the past 18 years.

Remaining Community Park Development projects approved under Bond 2012 are ending and in final construction phase. Improvements to Bill Witt and West Guth parks were developed in accordance with Master Plan requirements and designed to focus on specific needs of each individual area.

Bond Issue 2014 includes one project to address park mitigation efforts required to support the new Harbor Bridge and a second project to address issues occurring along North Padre Island Beach. This project includes construction of a beach maintenance facility on the island designed to provide office space and store equipment thereby increasing staff responsiveness, reducing rentals and saving on personnel and fuel costs.

Projects to address needs at Packery Channel are included in Year One park program. Hurricane Harvey tidal influences resulted in significant damage to Packery Channel and undermining of structures along channel. Another project will provide for dredging of channel and re-nourishment of adjoining beach structure.

Included in Fiscal Year 2018 – 2019 are proposed Bond Issue 2018 Propositions C and D. These projects were chosen based on greatest need, momentum of previous bond projects, and ability to maximize funding with other available sources. Voters will have the decision whether to approve these projects in November 2018.

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A recap of the 2019 budgeted expenditures includes:

EXPENDITURES:	**YEAR ONE 2018 – 2019**	**YEAR TWO 2019 – 2020**	**YEAR THREE 2021 – 2022**
TOTAL PROGRAMMED EXPENDITURES:	**$ 6,117,800**	$ 15,183,100	$ 965,000
PROPOSED FUNDING:			
Tax Increment Financing District	**$ 3,410,000**	$ 11,610,000	$ 510,000
Certificates of Obligation		$ 195,000	
Proposed Bond 2018 General Obligation Bonds	**$ 2,707,800**	$ 3,378,100	
Future Bond Election			$ 455,000
TOTAL PROGRAMMED FUNDS:	**$ 6,117,800**	$ 15,183,100	$ 965,000

All other required funding was budgeted and received in previous years' budgets as listed on the Parks & Recreation Short Range Summary Sheet.

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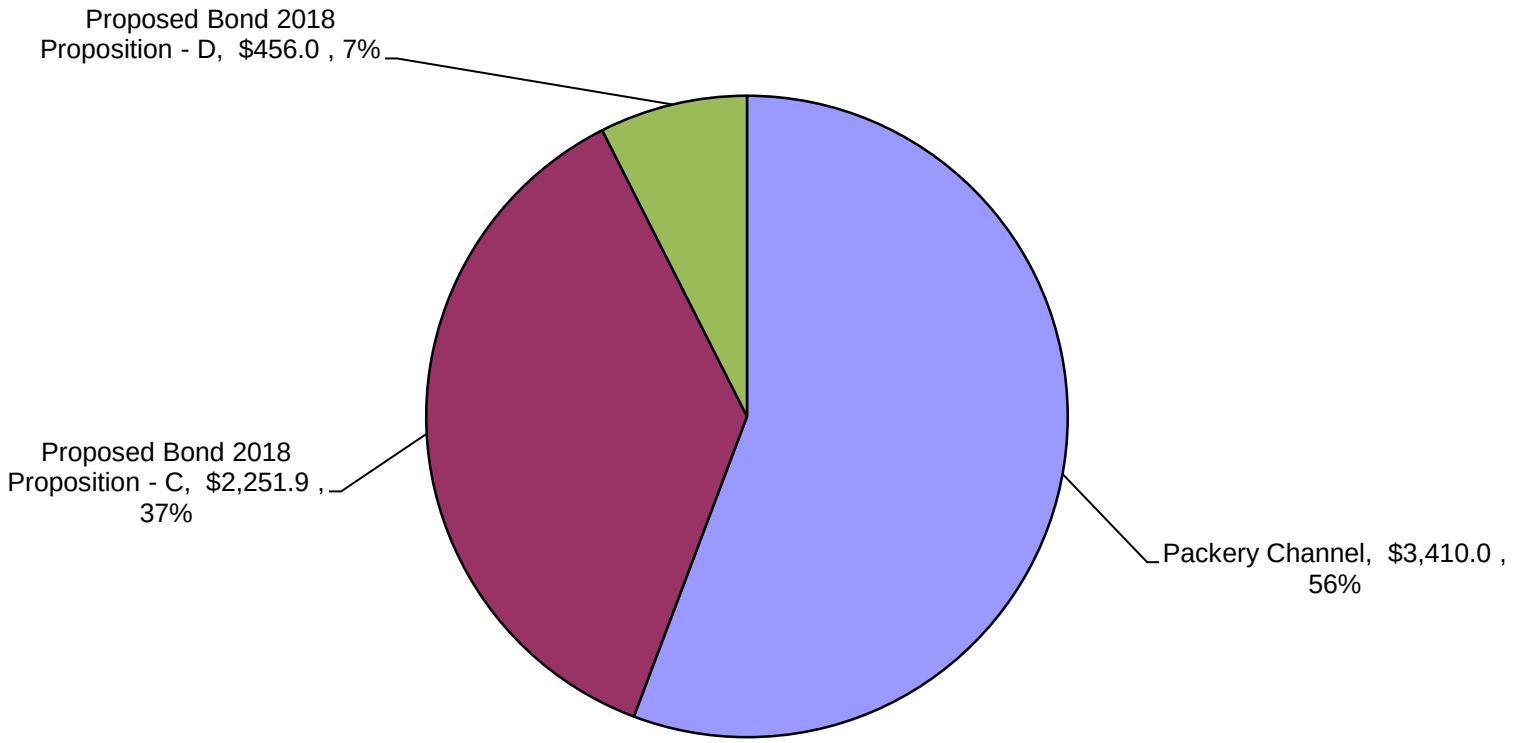
Parks and Recreation
Annual CIP: $6,117.9
(Amounts in 000's)



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PARKS AND RECREATION
SHORT-RANGE CIP
(Amounts in 000's)

Seq #	Project Name	Project-to-Date Obligations July 2018	Unspent Prior Budget as of July 2018	**CIP Budget Year 1 2018-2019**	Year 2 2019 - 2020	Year 3 2020 - 2021	**Three Year Total**
PR 01	***Proposed*** **Bond 2018 PROPOSITION C** Finance and Engineering Number: Various			**2,251.9**	3,378.1		**5,630.0**
PR 02	***Proposed*** **Bond 2018 PROPOSITION D** Finance and Engineering Number: Various			**456.0**			**456.0**
PR 03	**Harbor Bridge Replacement Mitigation and Support Projects, Phase 1** Finance and Engineering Number: E15101	176.8	3,275.2				**-**
PR 04	**North Padre Island Beach Facility** Finance and Engineering Number: E15102	152.2	1,047.8				**-**
PR 05	**Community Park Development and Improvements** Finance and Engineering Number: E12115 / E14002 / E14003 / E14004 / E14005 / E14006	3,571.3	1,925.8				**-**
PR 06	**Marina Public Restrooms / Boaters Facility on L-Head** Finance and Engineering Number: TBD				195.0	455.0	**650.0**
PR 07	**Packery Channel Miscellaneous Improvements** Finance Number: TBD Engineering Number: TBD			**510.0**	510.0	510.0	**1,530.0**
PR 08	**Packery Channel Hurricane Harvey Repairs** Finance Number: TBD Engineering Number: TBD			**2,000.0**	7,000.0		**9,000.0**

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PARKS AND RECREATION
SHORT-RANGE CIP
(Amounts in 000's)

Seq #	Project Name	Project-to-Date Obligations July 2018	Unspent Prior Budget as of July 2018	**CIP Budget Year 1 2018-2019**	Year 2 2019 - 2020	Year 3 2020 - 2021	**Three Year Total**
PR 09	**Packery Channel Dredging** Finance Number: TBD Engineering Number: TBD			**900.0**	4,100.0		**5,000.0**
	Program Total:	**3,900.3**	**6,248.8**	**6,117.9**	**15,183.1**	**965.0**	**22,266.0**
	CURRENTLY AVAILABLE FUNDING:						
	Bond Issue 2012 Proceeds	3,287.8	1,925.8				
	Community Enrichment Funds	138.7					
	Downtown Management District	90.0					
	Bond Issue 2014 Proceeds	383.8	4,323.0				
	Total Currently Available:	**3,900.3**	**6,248.8**				
	RECOMMENDED ADDITIONAL FUNDING:						
	Tax Increment Financing District			**3,410.0**	**11,610.0**	**510.0**	**15,530.0**
	Certificates of Obligation				**195.0**		**195.0**
	Proposed Bond 2018 General Obligation Bonds			**2,707.9**	**3,378.1**		**6,086.0**
	Future Bond Issue					**455.0**	**455.0**
	Total Recommended Additional Funding:	**-**	**-**	**6,117.9**	**15,183.1**	**965.0**	**22,266.0**
	Total Funding Source:	**3,900.3**	**6,248.8**	**6,117.9**	**15,183.1**	**965.0**	**22,266.0**

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PROJECT DESCRIPTION

Proposed **General Obligation Bond 2018 Proposition C: PARK AND RECREATION IMPROVEMENTS** Sequence #01

PROJECT TITLE: ***Proposed*** General Obligation 2018 Bond PROGRAM- Proposition C

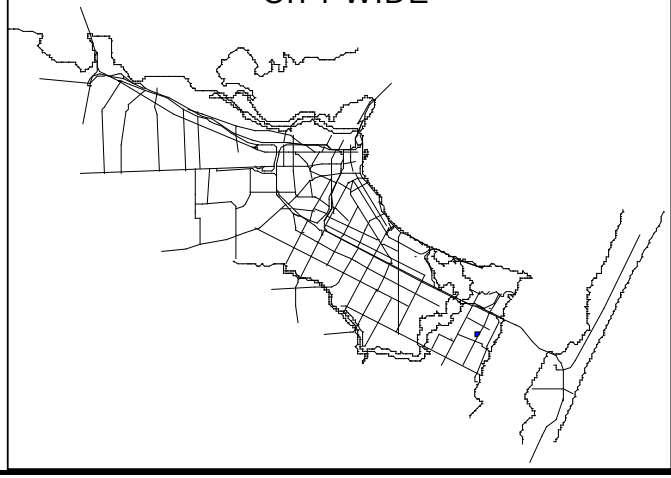
Consistency with Feasibility Studies

DESCRIPTION:

Proposition C focuses on park and recreational facilities throughout City. It provides mechanical, electrical, and plumbing (MEP) improvements, roof, parking lot, and ADA compliance improvements and interior and exterior renovations. Projects are dependent upon voter-approval in November 2018 Bond Election. Park and Recreation facilities to be improved can include:

- Senior Centers
- Recreation Centers
- Greenwood Sports Complex
- OSO Pool Aquatics Center
- Grant Match for Participation Projects
- Playground Improvements
- Cole Park and Dimitt Piers

CITY WIDE



PROJECT NOTES:

Project No:	Various
A/E Consultant:	Various
Contractor:	Various
Award Design:	On-Going
Award Construction:	On-Going
Anticipated Completion:	On-Going

FUNDING SCHEDULE (Amount in 000's)

Use of Funds	Project-to-Date Obligations July 2018	Unspent Prior Budget as of July 2018	**CIP Budget Year 1 2018 - 2019**	Year 2 2019 - 2020	Year 3 2020 - 2021	**Future Budget Required (Years 4 - 10)**	**Total Project Value (Amounts in $'s)**
Parks and Recreation			**2,251.9**	3,378.1			**5,630,000**
TOTAL:			**2,251.9**	3,378.1			**$ 5,630,000**
Source of Funds							
Bond Issue 2018 GO's			**2,251.9**	3,378.1			**5,630,000**
TOTAL:			**2,251.9**	3,378.1			**$ 5,630,000**

OPERATIONAL IMPACT:

It is too soon to determine operational budget impact. Projects will improve life of parks and recreation facilities.

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PROJECT DESCRIPTION

Proposed **General Obligation Bond 2018 Proposition D: PARK AND RECREATION IMPROVEMENTS** Sequence #02

PROJECT TITLE: ***Proposed*** General Obligation 2018 Bond PROGRAM- Proposition D

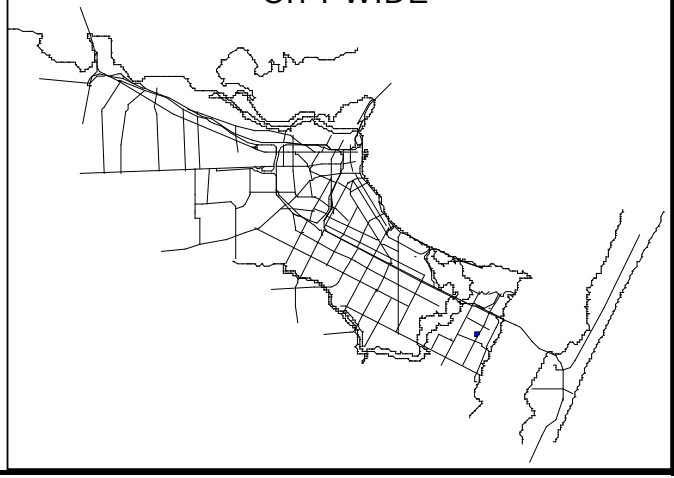
Consistency with the Feasibility Studies

DESCRIPTION:

Proposition D focuses on park and recreational facilities located in Heritage Park. It provides mechanical, electrical, and plumbing (MEP) improvements, roof, parking lot, and ADA compliance improvements and interior and exterior renovations. Projects are dependent upon voter-approval in November 2018 Bond Election.

□

CITY WIDE



PROJECT NOTES:

Project No:	Various
A/E Consultant:	Various
Contractor:	Various
Award Design:	On-Going
Award Construction:	On-Going
Anticipated Completion:	On-Going

FUNDING SCHEDULE (Amount in 000's)

Use of Funds	Project-to-Date Obligations July 2018	Unspent Prior Budget as of July 2018	**CIP Budget Year 1 2018 - 2019**	Year 2 2019 - 2020	Year 3 2020 - 2021	**Future Budget Required (Years 4 - 10)**	**Total Project Value (Amounts in $'s)**
Heritage Park Historical Home(s)			**456.0**				**456,000**
TOTAL:			**456.0**				**$ 456,000**
Source of Funds							
Bond Issue 2018 GO's			**456.0**				**456,000**
TOTAL:			**456.0**				**$ 456,000**

OPERATIONAL IMPACT:

It is too soon to determine operational budget impact. Projects will improve life of parks and recreation facilities.

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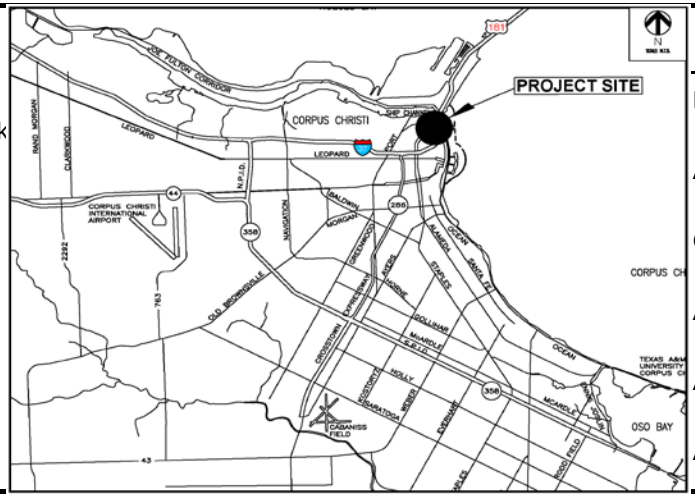
PROJECT DESCRIPTION

Bond 2014 Proposition Two: PARKS & RECREATION IMPROVEMENTS Sequence #03

PROJECT TITLE: Harbor Bridge Replacement Mitigation and Support Projects, Phase 1

Consistency with Comprehensive Plan; Policy Statements pp. 48-50; Parks Open Space Master Plan

DESCRIPTION:
Project will construct first phase of Parks and Recreation and Street work required to mitigate initial phases of new Harbor Bridge project.



PROJECT NOTES:

Project No:	E15101
A/E Consultant:	Various
Contractor:	Various
Award Design:	On-going
Award Construction:	On-going
Anticipated Completion:	On-going

FUNDING SCHEDULE (Amounts in 000's)

Use of Funds	Project-to-Date Obligations July 2018	Unspent Prior Budget as of July 2018	**CIP Budget Year 1 2018 - 2019**	Year 2 2019 - 2020	Year 3 2020 - 2021	**Future Budget Required (Years 4 - 10)**	**Total Project Value (Amounts in $'s)**
Design & Engineering	97.3	200.0					**297,300**
Construction		2,500.0					**2,500,000**
Contingency		270.0					**270,000**
Inspection/Other	79.5	305.2					**384,700**
TOTAL:	176.8	3,275.2					**$ 3,452,000**
Source of Funds							
Bond Issue 2014	176.8	3,275.2					**3,452,000**
TOTAL:	176.8	3,275.2					**$ 3,452,000**

OPERATIONAL IMPACT:

No operational impact will be generated by project, but existing parks will be upgraded and incorporated into new bridge construction plans.

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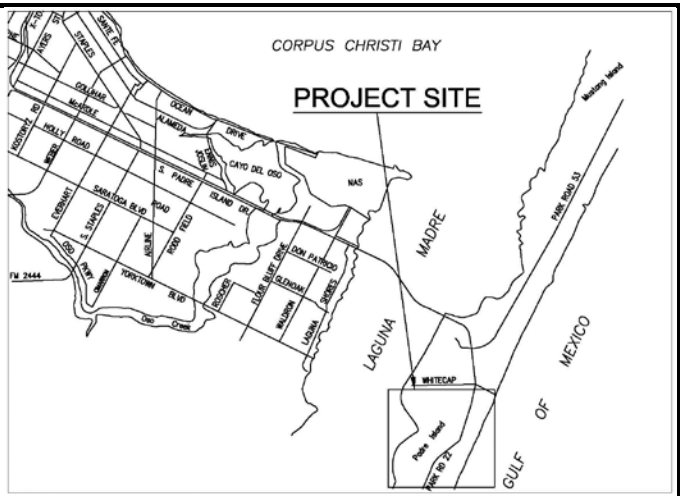
PROJECT DESCRIPTION

Bond 2014 Proposition Two: PARKS & RECREATION IMPROVEMENTS Sequence #04

PROJECT TITLE: North Padre Island Beach Facility

Consistency with Comprehensive Plan; Policy Statements pp. 48-50; Parks Open Space Master Plan

DESCRIPTION:
This project will construct a Parks Beach Maintenance Facility south of Packery Channel on City-owned property.



PROJECT NOTES:

Project No:	E15102
A/E Consultant:	LNV, Inc.
Contractor:	TBD
Award Design:	July 2016
Award Construction:	TBD
Anticipated Completion:	TBD

Use of Funds	Project-to-Date Obligations July 2018	Unspent Prior Budget as of July 2018	CIP Budget Year 1 2018 - 2019	Year 2 2019 - 2020	Year 3 2020 - 2021	Future Budget Required (Years 4 - 10)	Total Project Value (Amounts in $'s)
Design & Engineering	90.0	20.0					**110,000**
Construction		874.7					**874,700**
Contingency		80.0					**80,000**
Inspection/Other	62.2	73.1					**135,300**
TOTAL:	152.2	1,047.8					**$ 1,200,000**
Source of Funds							
Bond Issue 2014	152.2	1,047.8					**1,200,000**
TOTAL:	152.2	1,047.8					**$ 1,200,000**

OPERATIONAL IMPACT:

This facility will be used to stage equipment and staff who provide maintenance and lifeguarding services to gulf beach. Operational costs will be funded by existing Hotel Occupancy Tax (HOT) Funds.

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PROJECT DESCRIPTION

Bond 2012 Proposition Four: PARKS & RECREATION IMPROVEMENTS Sequence #05

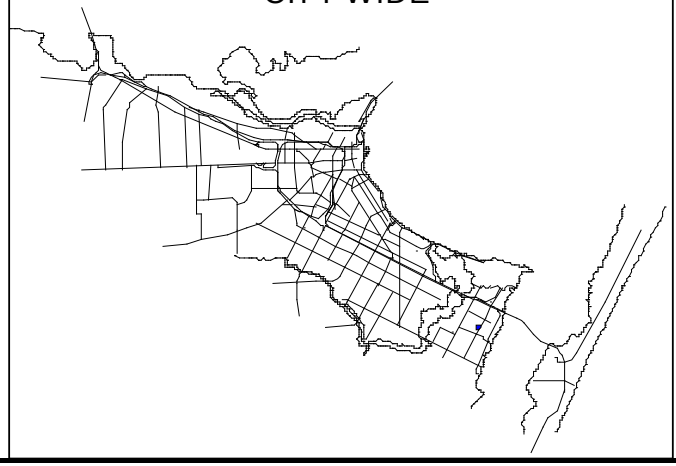
PROJECT TITLE: Community Park Development and Improvements

Consistency with Comprehensive Plan; Policy Statements pp. 48-50; Parks Open Space Master Plan

DESCRIPTION:

Project focuses on irrigation upgrades and extensions at West Guth, Bill Witt/Oso Creek, Hector P. Garcia/Salinas, Billish, and Parker Parks, as well as, downtown squares' La Retama and Artesian Parks. Improvements could include specialty use amenities (such as dog parks, skate parks and splash pads), shade structures, landscaping, trails, parking improvements and other items designated for community parks in compliance with the Park Master Plan. Project is utilizing various design consultants to provide focus on specific needs of each area. As a result of this process, multiple construction contracts are being awarded.

CITY WIDE



PROJECT NOTES:

Parent Project No:	E12115
Bill Witt / Oso Creek No:	E14002
Billish Park No:	E14003
H.P. Garcia / Salinas No:	E14004
Parker Park No:	E14005
Artesian Park No:	E14006
West Guth Park No:	E14016
A/E Consultant:	Various
Contractor:	Various
Award Design:	June 2013
Award Construction:	On-Going
Anticipated Completion:	Winter '18

FUNDING SCHEDULE (Amounts in 000's)

Use of Funds	Project-to-Date Obligations July 2018	Unspent Prior Budget as of July 2018	**CIP Budget Year 1 2018 - 2019**	Year 2 2019 - 2020	Year 3 2020 - 2021	**Future Budget Required (Years 4 - 10)**	**Total Project Value (Amounts in $'s)**
Design & Engineering	618.0						**618,000**
Construction	2,334.7	1,490.6					**3,825,300**
Contingency		240.0					**240,000**
Inspection/Other	618.6	195.2					**813,800**
TOTAL:	3,571.3	1,925.8					**$ 5,497,100**
Source of Funds							
Community Enrichment Funds	138.7						**138,700**
Bond Issue 2012	3,287.8	1,925.8					**5,213,600**
Downtown Management District	90.0						**90,000**
Street Bond Issue 2014	54.8						**54,800**
TOTAL:	3,571.3	1,925.8					**$ 5,497,100**

OPERATIONAL IMPACT:

Operational Impact for project will be minimal. One FTE estimated at $29,500 and approximately $5,000 in minor maintenance materials will be required to keep up with parks and new improvements on a yearly basis.

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PROJECT DESCRIPTION

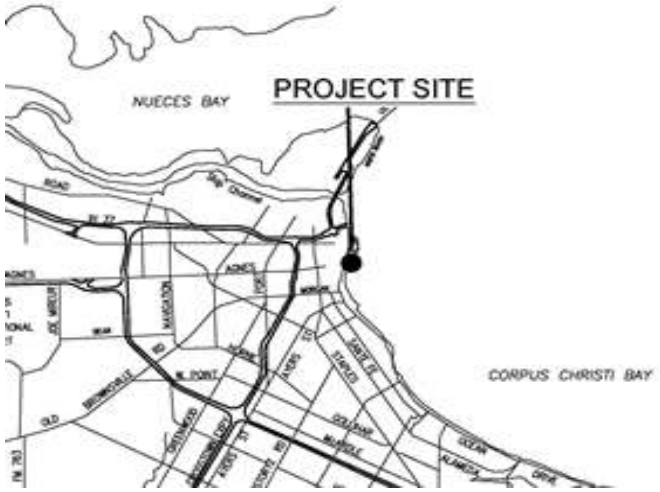
Bond 2012 Proposition Four: PARKS & RECREATION IMPROVEMENTS Sequence #06

PROJECT TITLE: Marina Public Restrooms / Boaters Facility on L-Head

Consistency with Comprehensive Plan; Policy Statements pp. 48-50;

DESCRIPTION:

The Marina provides many benefits for boaters, the local community and visitors. Existing small restroom facility located on Coopers Alley L-Head no longer supports increase of boater's traffic, including public events use. A new Public & Boaters Restroom Facility design will accommodate increase in usage demand for many years into the future. Marina will use current existing set of architectural plans for Boaters Facility that has already been constructed twice within marina complex on other two T-Heads creating a savings in design and layout costs.



PROJECT NOTES:

Parent Project No:	TBD
A/E Consultant:	TBD
Contractor:	TBD
Award Design:	TBD
Award Construction:	TBD
Anticipated Completion:	TBD

FUNDING SCHEDULE (Amounts in 000's)

Use of Funds	Project-to-Date Obligations July 2018	Unspent Prior Budget as of July 2018	**CIP Budget Year 1 2018 - 2019**	Year 2 2019 - 2020	Year 3 2020 - 2021	**Future Budget Required (Years 4 - 10)**	**Total Project Value (Amounts in $'s)**
Design & Engineering				70.0			**70,000**
Construction					415.0		**415,000**
Contingency					40.0		**40,000**
Inspection/Other				125.0			**125,000**
TOTAL:				195.0	455.0		**$ 650,000**
Source of Funds							
Certificates of Obligation				195.0			**195,000**
Future Bond Election					455.0		**455,000**
TOTAL:				195.0	455.0		**$ 650,000**

OPERATIONAL IMPACT:

Long term operational costs will be determined through design and project development process.

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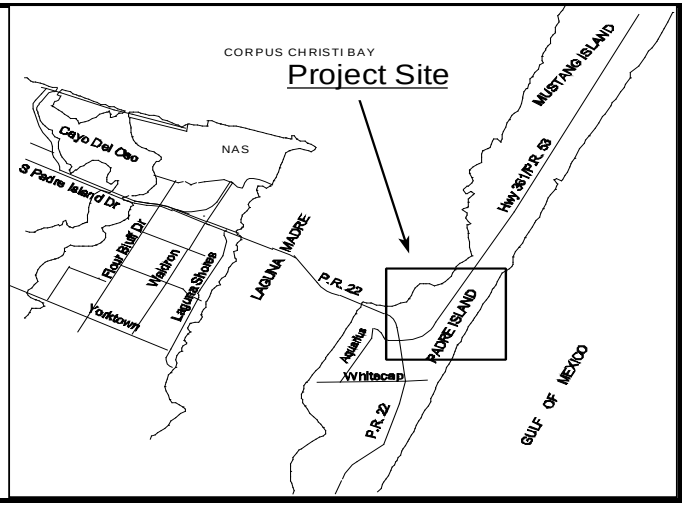
PROJECT DESCRIPTION

Department: PARKS & RECREATION Sequence #07

PROJECT TITLE: Packery Channel Miscellaneous Improvements

Consistency with Comprehensive Plan; Policy Statements pp. 48-50; Parks Open Space Master Plan

DESCRIPTION:
Project includes funds for miscellaneous projects to support Packery Channel, exclusive of previously identified capital projects, Phases 3 through 6. Planned work could include: periodic surveys of channel conditions, shoreline and jetty revetments, access to beach and sand redistribution. All projects will be done in conjunction with Island Strategic Action Committee, North Padre Island Development Corporation, Tax Increment Financing Board and City Council approval.



PROJECT NOTES:

Project No:	TBD
A/E Consultant:	As Needed
Contractor:	As Needed
Award Design:	As Needed
Award Construction:	As Needed
Anticipated Completion:	As Needed

FUNDING SCHEDULE (Amounts in 000's)

Use of Funds	Project-to-Date Obligations July 2018	Unspent Prior Budget as of July 2018	**CIP Budget Year 1 2018 - 2019**	Year 2 2019 - 2020	Year 3 2020 - 2021	**Future Budget Required (Years 4 - 10)**	**Total Project Value (Amounts in $'s)**
Design & Engineering			**50.0**	50.0	50.0		**150,000**
Construction			**370.0**	370.0	370.0		**1,110,000**
Contingency			**40.0**	40.0	40.0		**120,000**
Inspection/Other			**50.0**	50.0	50.0		**150,000**
TOTAL:			**510.0**	510.0	510.0		**$ 1,530,000**

Source of Funds							
Tax Increment Finance District			**510.0**	510.0	510.0		**1,530,000**
TOTAL:			**510.0**	510.0	510.0		**$ 1,530,000**

OPERATIONAL IMPACT:

These projects will support the use of Packery Channel and will be completed over multiple years as funding is available.

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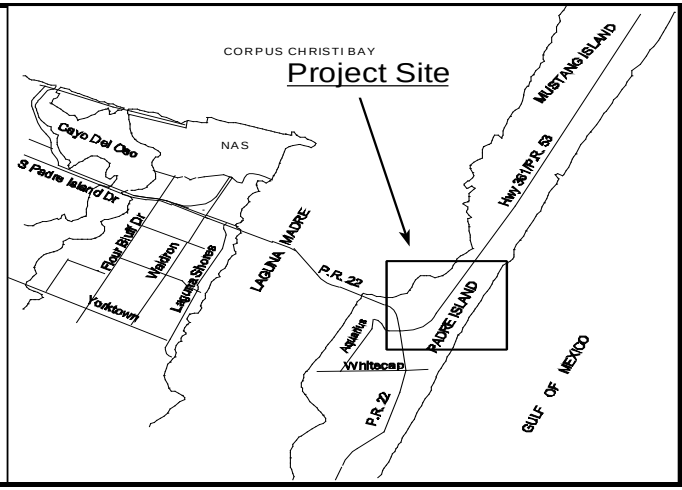
PROJECT DESCRIPTION

Department: PARKS & RECREATION Sequence #08

PROJECT TITLE: Packery Channel Improvements, Harvey Damage Repairs

DESCRIPTION:
Hurricane Harvey tidal influences resulted in significant damage to Packery Channel and undermining of structures along channel. Preliminary investigations indicate armor stone blocks at end of jetties displaced armor stone blocks along inner portion of jetties. Channel bank protection along inner portion of jetties needs to be repaired or replaced. Damaged walkways and storm drain outfalls will also be repaired. Permitting with United States Army Corps of Engineers will be required.



PROJECT NOTES:

Project No.	H17007
A/E Consultant:	HDR
Contractor:	TBD
Award Design:	TBD
Award Construction:	TBD
Anticipated Completion:	TBD

FUNDING SCHEDULE (Amounts in 000's)

Use of Funds	Project-to-Date Obligations July 2018	Unspent Prior Budget as of July 2018	**CIP Budget Year 1 2018 - 2019**	Year 2 2019 - 2020	Year 3 2020 - 2021	**Future Budget Required (Years 4 - 10)**	**Total Project Value (Amounts in $'s)**
Design & Engineering			**750.0**	-			**750,000**
Construction			**1,000.0**	6,000.0			**7,000,000**
Contingency			**100.0**	600.0			**700,000**
Inspection/Other			**150.0**	400.0			**550,000**
TOTAL:			**2,000.0**	7,000.0			**$ 9,000,000**
Source of Funds							
Tax Increment Finance District			**2,000.0**	7,000.0			**9,000,000**
TOTAL:			**2,000.0**	7,000.0			**$ 9,000,000**

OPERATIONAL IMPACT:

N/A

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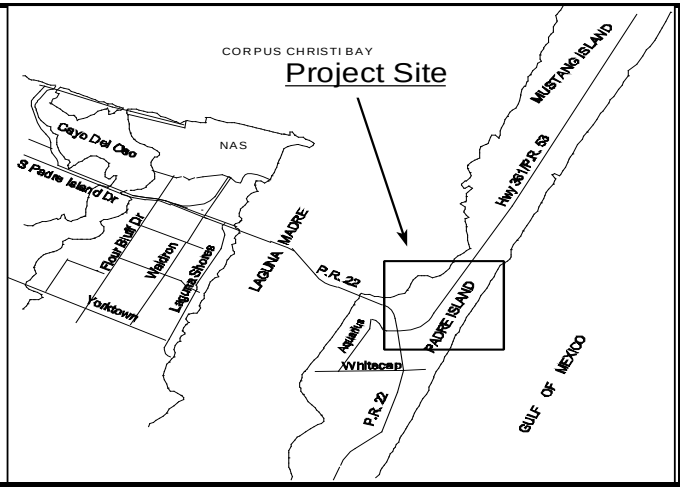
PROJECT DESCRIPTION

Department: PARKS & RECREATION Sequence #09

PROJECT TITLE: Packery Channel Dredging

DESCRIPTION:
Maintenance dredging within Packery Channel, with subsequent beach nourishment along the Gulf beach on Padre Island, is required between intersection of channel with Gulf Intracoastal Waterway near John F. Kennedy Memorial Bridge and mouth of channel located in Gulf of Mexico. Maintenance dredging will be conducted using hydraulic (pipeline) dredging and/or mechanical methods on water from barges. Beach-quality sand from dredging activities would be placed along Gulf beach between Packery Channel and Viento Del Mar. Sediment analyses is required prior to maintenance dredging activities to ensure sediments are beach-quality sand. Permitting with United States Army Corps of Engineers is already underway and not included in project.



PROJECT NOTES:

Project No.	TBD
A/E Consultant:	HDR
Contractor:	TBD
Award Design:	TBD
Award Construction:	TBD
Anticipated Completion:	TBD

FUNDING SCHEDULE (Amounts in 000's)

Use of Funds	Project-to-Date Obligations July 2018	Unspent Prior Budget as of July 2018	**CIP Budget Year 1 2018 - 2019**	Year 2 2019 - 2020	Year 3 2020 - 2021	**Future Budget Required (Years 4 - 10)**	**Total Project Value (Amounts in $'s)**
Design & Engineering			**500.0**	-			**500,000**
Construction				3,620.0			**3,620,000**
Contingency				362.0			**362,000**
Inspection/Other			**400.0**	118.0			**518,000**
TOTAL:			**900.0**	4,100.0			**$ 5,000,000**
Source of Funds							
Tax Increment Finance District			**900.0**	4,100.0			**5,000,000**
TOTAL:			**900.0**	4,100.0			**$ 5,000,000**

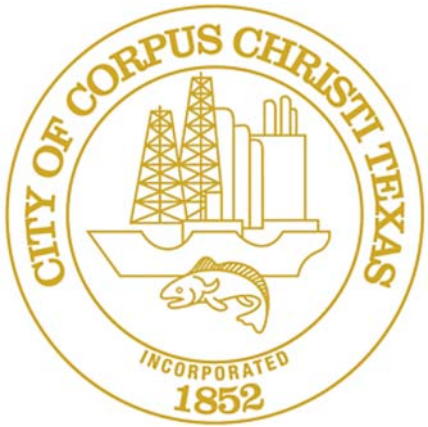
OPERATIONAL IMPACT:

Beach re-nourishment will make the area more desirable for tourist activities

City of Corpus Christi, Texas

PUBLIC FACILITIES

Obligation to the Future


CITY OF CORPUS CHRISTI TEXAS
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CORPUS CHRISTI
PUBLIC FACILITIES PROGRAM

New to this year's Public Facilities Program is a project for improvements to the City's American Bank Center. This item provides for multiple facility improvements and upgrades including Selena freight and passenger elevators, facility security system, energy management system, electrical equipment, HVAC, audio visual system, roofing, flooring, and other items as funding allows.

A second focus of this year's program includes improvements to City facilities through use of a yearly structured program to identify and correct deficiencies. This comprehensive Public Facilities Master Sizing Plan was developed to determine operational integrity, infrastructure repairs, and sizing needs of city-owned facilities located throughout the area. Projects will be developed to include structural improvements, roofing, chillers and other large-scale capital outlay items. Work in 2019 includes roof replacements at Central Library.

Conclusion of Bond Issue 2012 Public Facility program is contained in Fiscal Year 2019. These projects will be completed through either Facilities Multiple Award Contract (FMAC) program or by city staff to construct improvements within available remaining funds. One project, Central Library, will utilize FY18 CO's to maximize funding and improvements required.

Included in the Public Facilities program are projects for a *proposed* Bond 2018 General Obligation Bond election. These projects were chosen based on greatest need, momentum of previous bond projects, and ability to maximize funding with other available sources. They are dependent upon passage of Proposition D November 2018.

The Public Facilities Long-Range Program continues to identify improvements to city-owned facilities to address aging infrastructure, increase energy efficiency and modernize existing technology. Corrective actions will be planned through either future bond elections or yearly master plan improvement program.

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A recap of the Public Facilities Capital Improvement Budget for Fiscal Year 2018 - 2019 includes:

	YEAR ONE 2018 – 2019	YEAR TWO 2019 – 2020	YEAR THREE 2020 – 2021
TOTAL PROGRAMMED EXPENDITURES:	**$ 8,558,900**	$ 2,053,100	$ 0
RECOMMENDED ADDITIONAL FUNDING:			
Type A Sales Tax	**$ 5,575,000**		
Hotel Occupancy Tax	**$ 1,615,000**		
Proposed Bond- General Obligation 2018	**$ 1,368,900**	$ 2,053,100	
TOTAL PROGRAMMED FUNDS:	**$ 8,558,900**	$ 2,053,100	$ 0

All other required funding was budgeted and received in previous years' budgets as listed on Public Facilities Short Range Summary Sheet.

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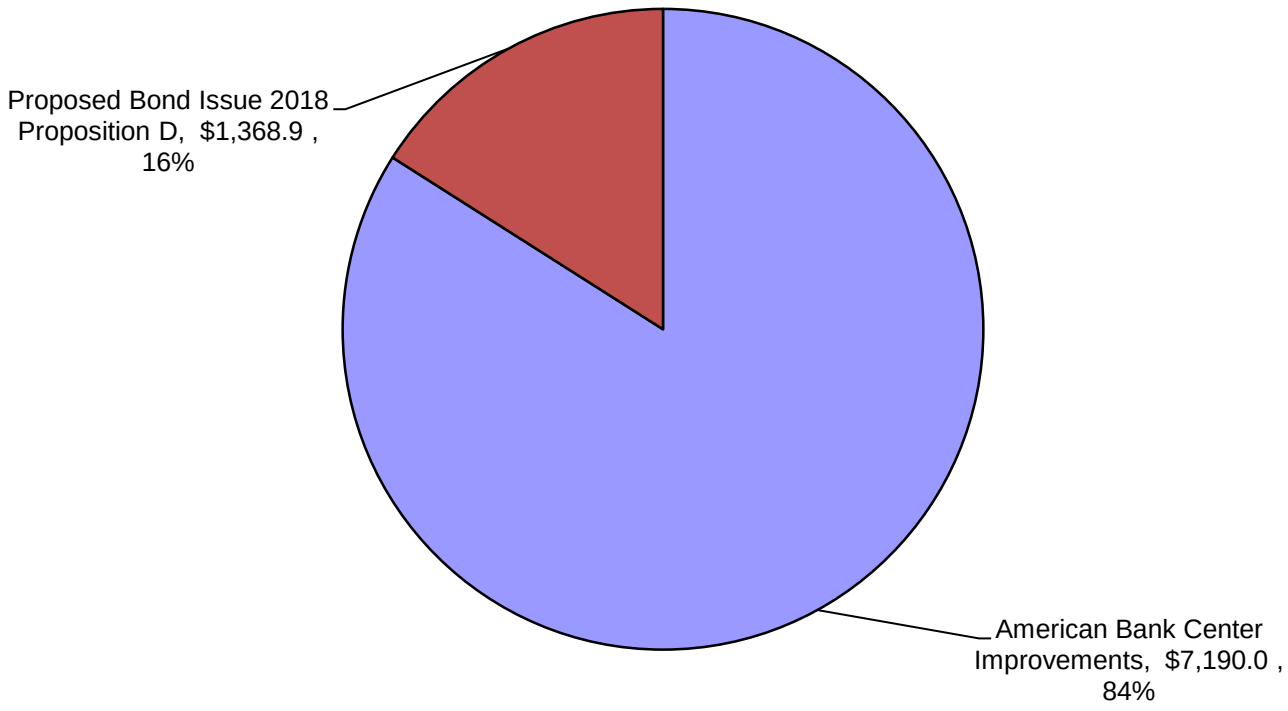
Public Facilities
Annual CIP: $8,558.9
(Amounts in 000's)



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PUBLIC FACILITIES
SHORT-RANGE CIP
(Amounts in 000's)

Seq #	Project Name	Project-to-Date Obligations July 2018	Unspent Prior Budget as of July 2018	**CIP Budget Year 1 2018 - 2019**	Year 2 2019 - 2020	Year 3 2020 - 2021	**Three Year Total**
PF 01	**Proposed General Obligation 2018 Bond Program - Proposition D** Finance and Engineering Number: Various			**1,368.9**	2,053.1		**3,422.0**
PF 02	**Streets and Solid Waste Administration Building Roof** Finance and Engineering Number: E12109	58.2	241.8				**-**
PF 03	**Central Library Roof Replacement** Finance and Engineering Number: E12121	90.6	850.0				**-**
PF 04	**Owen R. Hopkins & Garcia Library Roof Repair** Finance and Engineering Number: E12122	25.0	55.0				**-**
PF 05	**Public Facility Improvements** Finance and Engineering Number: Various		1,319.4				**-**
PF 06	**American Bank Center Facility Improvements** Finance and Engineering Number: Various			**7,190.0**			**7,190.0**
	Program Total:	**173.8**	**2,466.2**	**8,558.9**	**2,053.1**		**10,612.0**
	CURRENTLY AVAILABLE FUNDING:						
	Bond 2012 Proceeds	**173.8**	**466.2**				
	Total Currently Available:	**173.8**	**466.2**				
	RECOMMENDED ADDITIONAL FUNDING:						

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PUBLIC FACILITIES
SHORT-RANGE CIP
(Amounts in 000's)

Seq #	Project Name	Project-to-Date Obligations July 2018	Unspent Prior Budget as of July 2018	**CIP Budget Year 1 2018 - 2019**	Year 2 2019 - 2020	Year 3 2020 - 2021	**Three Year Total**
	Certificates of Obligation		**2,000.0**				**-**
	Type A Sales Tax			**5,575.0**			**5,575.0**
	Hot Funds			**1,615.0**			**1,615.0**
	Bond 2018 General Obligation Bonds			**1,368.9**	**2,053.1**		**3,422.0**
	Total Recommended Additional Funding:			**8,558.9**	**2,053.1**		**10,612.0**
	Total Funding Source:	**173.8**	**2,466.2**	**8,558.9**	**2,053.1**	**-**	**10,612.0**

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PROJECT DESCRIPTION

Proposed **General Obligation Bond 2018 Proposition D: LIBRARY AND CULTURAL FACILITIES IMPROVEMENTS** Sequence #01

PROJECT TITLE: ***Proposed*** General Obligation 2018 Bond Program - Proposition D

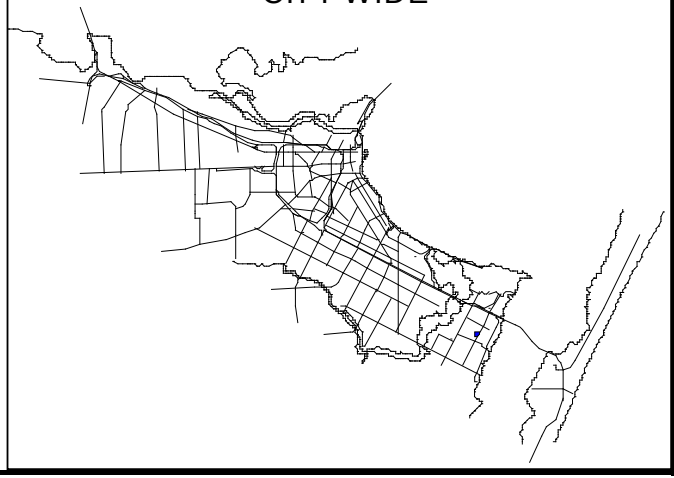
Consistency with Applicable Feasibility Studies

DESCRIPTION:

This proposition focuses on Libraries and Cultural facilities throughout the City. It provides mechanical, electrical, and plumbing (MEP) improvements, roof improvements, parking lot improvements, ADA compliance improvements and interior and exterior renovations. Projects are dependent upon voter-approval in November 2018 Bond Election. Library and Cultural Facilities include:

- Libraries
- Museum of Science & History
- Art Museum of South Texas

CITY WIDE



PROJECT NOTES:

Project No:	Various
A/E Consultant:	Various
Contractor:	Various
Award Design:	On-Going
Award Construction:	On-Going
Anticipated Completion:	On-Going

FUNDING SCHEDULE (Amount in 000's)

Use of Funds	Project-to-Date Obligations July 2018	Unspent Prior Budget as of July 2018	**CIP Budget Year 1 2018 - 2019**	Year 2 2019 - 2020	Year 3 2020 - 2021	**Future Budget Required (Years 4 - 10)**	**Total Project Value (Amounts in $'s)**
Library and Cultural Facilities			**1,368.9**	2,053.1			**3,422,000**
TOTAL:			**1,368.9**	2,053.1			**$ 3,422,000**
Source of Funds							
Bond Issue 2018 GO's			**1,368.9**	2,053.1			**3,422,000**
TOTAL:			**1,368.9**	2,053.1			**$ 3,422,000**

OPERATIONAL IMPACT:

Direct operational budget impact has not been determined yet. Projects will improve life of Library and Cultural facilities.

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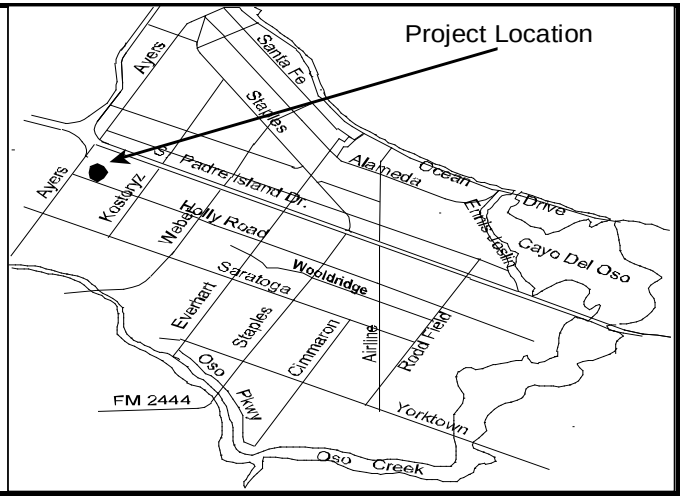
PROJECT DESCRIPTION

Bond 2012 Proposition Three: SERVICE CENTER COMPLEX Sequence #02

PROJECT TITLE: Streets & Solid Waste Administration Building Roof

Consistency with the Comprehensive Plan; Policy Statements pp. 48: 3 & 6

DESCRIPTION:
Project proposes repair of existing membrane roof system including accessories, HVAC equipment supports, HVAC condensate piping, storm drainage piping and roof drains.



PROJECT NOTES:

Project No:	E12109
A/E Consultant:	Turner Ramirez
Contractor:	TBD
Award Design:	Jan 2013
Award Construction:	TBD
Anticipated Completion:	TBD

FUNDING SCHEDULE (Amount in 000's)

Use of Funds	Project-to-Date Obligations July 2018	Unspent Prior Budget as of July 2018	**CIP Budget Year 1 2018 - 2019**	Year 2 2019 - 2020	Year 3 2020 - 2021	**Future Budget Required (Years 4 - 10)**	**Total Project Value (Amounts in $'s)**
Design & Engineering	51.3	-					**51,300**
Construction		200.0					**200,000**
Contingency		20.0					**20,000**
Inspection/Other	6.9	21.8					**28,700**
TOTAL:	58.2	241.8					**$ 300,000**
Source of Funds							
Bond Issue 2012	58.2	241.8					**300,000**
TOTAL:	58.2	241.8					**$ 300,000**

OPERATIONAL IMPACT:

A new high-efficiency HVAC unit will provide operational savings in maintenance and repairs as well as lower electrical consumption.

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PROJECT DESCRIPTION

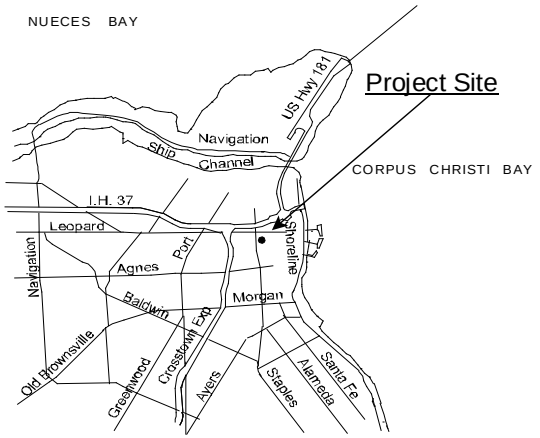
Bond 2012 Proposition Three: SERVICE CENTER COMPLEX Sequence #03

PROJECT TITLE: Library Roof Replacements - City Wide

Consistency with Comprehensive Plan; Policy Statements, Public Facilities Objectives 3 and 4.

DESCRIPTION:

This project proposes replacement of various components to include roofs, and other capital needs. A new storm water collection/roof drain system will be included. Work will consist of phased roof replacements and other necessary capital repairs on all City Library Facilities city-wide. The existing roofs are approaching or are beyond their intended life and replacement is necessary to stop further deterioration of the facilities and ensure the comfort and safety of users.



PROJECT NOTES:

Project No: E12121

A/E Consultant: Solka Nava Torno

Contractor: TBD

Award Design: April 2013

Award Construction: TBD

Anticipated Completion: TBD

FUNDING SCHEDULE (Amounts in 000's)

Use of Funds	Project-to-Date Obligations July 2018	Unspent Prior Budget as of July 2018	CIP Budget Year 1 2018 - 2019	Year 2 2019 - 2020	Year 3 2020 - 2021	Future Budget Required (Years 4 - 10)	Total Project Value (Amounts in $'s)
Design & Engineering	72.2						**72,200**
Design/Build Construction	9.4	740.0					**749,400**
Contingency		74.0					**74,000**
Inspection/Other	9.0	36.0					**45,000**
TOTAL:	90.6	850.0	-				**$ 940,600**
Source of Funds							
Bond Issue 2012	90.6	169.4					**260,000**
Certificates of Obligation		680.6					**680,600**
TOTAL:	90.6	850.0	-				**$ 940,600**

OPERATIONAL IMPACT:

There could be minor reductions in electrical consumption.

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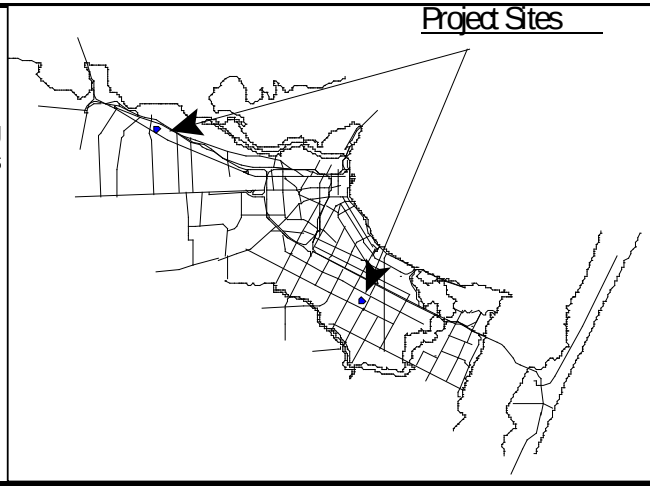
PROJECT DESCRIPTION

Bond 2012 Proposition Three: SERVICE CENTER COMPLEX Sequence #04

PROJECT TITLE: Owen R Hopkins and Garcia Library Roof Repair

Consistency with Comprehensive Plan; Policy Statements, Public Facilities Objectives 3 and 4.

DESCRIPTION:
Project proposes replacement of roof to parapet wall base/counter flashing and expansion joint to eliminate water infiltration at Garcia Library. Repairs to Hopkins Library were completed in-house.



PROJECT NOTES:

Project No: E12122

A/E Consultant: Solka Nava Torno
Contractor: In House

Award Design: Apr 2013

Award Construction: N/A

Anticipated Completion: FY 2019

FUNDING SCHEDULE (Amounts in 000's)

Use of Funds	Project-to-Date Obligations July 2018	Unspent Prior Budget as of July 2018	CIP Budget Year 1 2018 - 2019	Year 2 2019 - 2020	Year 3 2020 - 2021	Future Budget Required (Years 4 - 10)	Total Project Value (Amounts in $'s)
Design & Engineering	13.8						**13,800**
Design/Build Construction		46.0					**46,000**
Contingency		4.0					**4,000**
Inspection/Other	11.2	5.0					**16,200**
TOTAL:	25.0	55.0					**$ 80,000**
Source of Funds							
Bond Issue 2012	25.0	55.0					**80,000**
TOTAL:	25.0	55.0					**$ 80,000**

OPERATIONAL IMPACT:

There could be minor reductions in electrical consumption.

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PROJECT DESCRIPTION

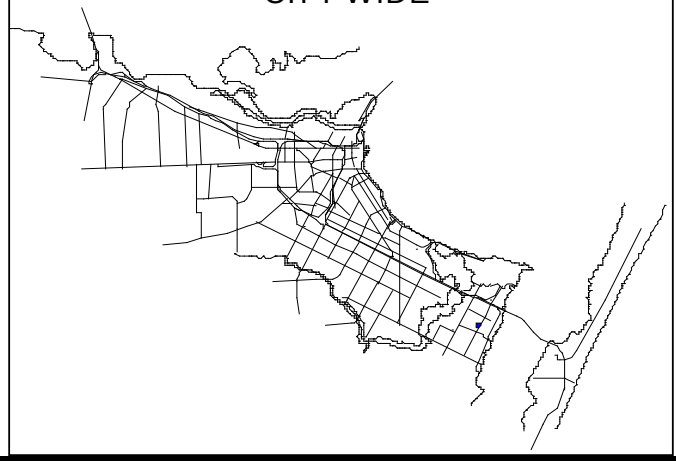
DEPARTMENT: **Public Facilities** Sequence #05

PROJECT TITLE: Public Facility Improvements

Consistency with Comprehensive Plan; Policy Statements, Public Facilities Objective 3.

DESCRIPTION:
Program will provide for construction of projects identified through Feasibility Studies. Work includes structural improvements, roofing, chillers and other capital outlay items to be completed on a yearly basis as funding allows. Currently, project is programmed at $2,000,000 per year in new Certificates of Obligation funding. Facility projects for this year include: City Hall Roof Replacement and City Hall Elevator Upgrades. Remaining balance of program is listed under Central Library Roof (Sequence #04)

CITY WIDE



PROJECT NOTES:

Project No:	TBD
A/E Consultant:	Various
Contractor:	Various
Award Design:	Various
Award Construction:	TBD
Anticipated Completion:	TBD

FUNDING SCHEDULE (Amounts in 000's)

Use of Funds	Project-to-Date Obligations July 2018	Unspent Prior Budget as of July 2018	**CIP Budget Year 1 2018 - 2019**	Year 2 2019 - 2020	Year 3 2020 - 2021	**Future Budget Required (Years 4 - 10)**	**Total Project Value (Amounts in $'s)**
Design & Engineering		80.0					**80,000**
Construction		1,075.0					**1,075,000**
Contingency		100.0					**100,000**
Inspection/Other		64.4					**64,400**
TOTAL:		1,319.4					**$ 1,319,400**
Source of Funds							
Certificates of Obligation		1,319.4					**1,319,400**
TOTAL:		1,319.4					**$ 1,319,400**

OPERATIONAL IMPACT:

Unable to anticipate impact at this time, but energy efficient repairs should lower operational costs.

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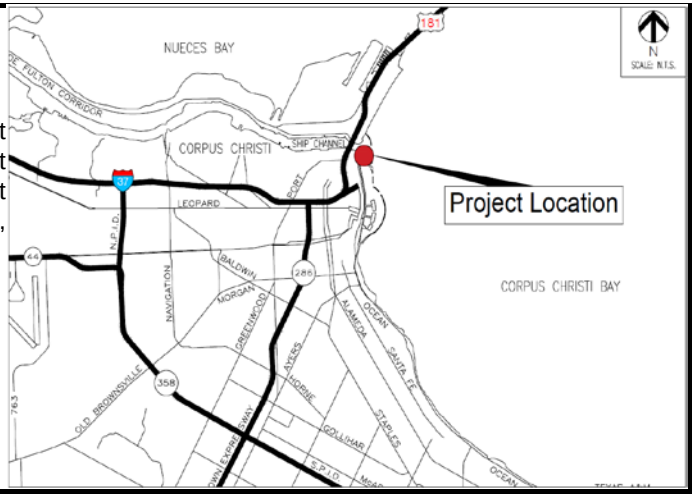
PROJECT DESCRIPTION

DEPARTMENT: Public Facilities - AMERICAN BANK CENTER Sequence #06

PROJECT TITLE: American Bank Center Facility Improvements

Consistency with the Feasibility Studies

DESCRIPTION:
This item provides for multiple facility improvements and upgrades at American Bank Center. Improvements include upgrades to Selena freight and passenger elevators, facility security system, energy management system, electrical equipment, HVAC, audio visual system, roofing, flooring, landscaping, and other items as funding allows.



PROJECT NOTES:

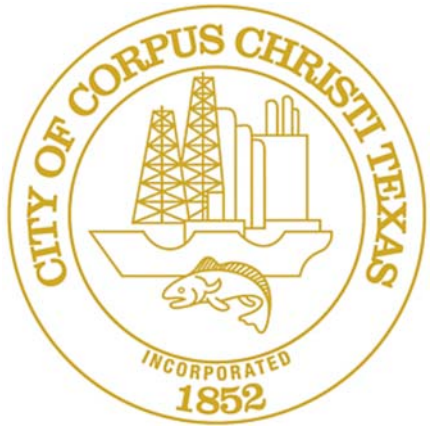
Project No:	TBD
A/E Consultant:	TBD
Contractor:	TBD
Award Design:	TBD
Award Construction:	TBD
Anticipated Completion:	TBD

FUNDING SCHEDULE (Amount in 000's)

Use of Funds	Project-to-Date Obligations May 2018	Unspent Prior Budget as of June 2018	**CIP Budget Year 1 2018 - 2019**	Year 2 2019 - 2020	Year 3 2020 - 2021	**Future Budget Required (Years 4 - 10)**	**Total Project Value (Amounts in $'s)**
Design & Engineering			**295.0**				**295,000**
Construction			**6,190.0**				**6,190,000**
Contingency			**440.0**				**440,000**
Inspection/Other			**265.0**				**265,000**
TOTAL:			**7,190.0**				**$ 7,190,000**
Source of Funds							
Type A			**5,575.0**				**5,575,000**
HOT Funds			**1,615.0**				**1,615,000**
TOTAL:			**7,190.0**				**$ 7,190,000**

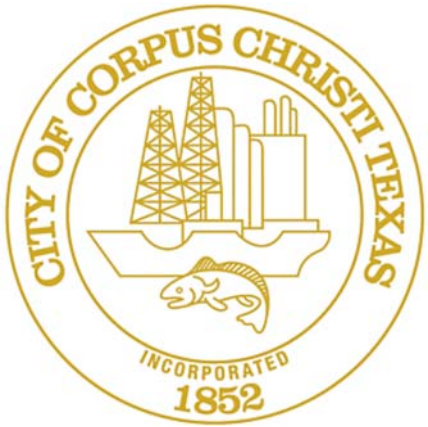
OPERATIONAL IMPACT:

Project will impact facility operations for five to six weeks of proposed eight month construction period.


CITY OF CORPUS CHRISTI TEXAS
INCORPORATED
1852

Public Health & Safety

Obligation to the Future


CITY OF CORPUS CHRISTI TEXAS
INCORPORATED
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CITY OF CORPUS CHRISTI PUBLIC HEALTH & SAFETY PROGRAM

This year's Public Health & Safety program includes several new projects to support landfill expansion and prevent dangerous conditions and permit violations. Cefé Valenzuela landfill covers 2,273.59 acres and has an expected capacity life of 100 years. The landfill permit specifies how waste materials must be safely stored, processed, and disposed of in accordance with Texas Commission on Environmental Quality (TCEQ) rules and State of Texas laws. Projects listed herein include planning for future waste disposal needs and minimizing costs through latest technological advances.

Several new projects to protect integrity of the downtown flood protection system have been included in both the short and long-range Public Health and Safety capital program. These projects utilize Type A Board Sales Tax and must be approved by the Corpus Christi Business and Job Development Corporation board during the year and then presented to City Council for approval. These projects were developed to reinforce bulkheads, breakwater, flood walls and Salt Flats levee that are all integral components of the downtown flood protection system. Additional work is planned at Kinney and Power Street Pump Stations to ensure reliability and capacity to remove all water from the area during a significant storm event.

Included in FY '19 program are projects listed in Propositions E & F of the ***Proposed*** 2018 General Obligation Bond Election. Proposition E focuses on. Proposition F focuses on public safety facilities throughout City. It would provide elevator renovations, mechanical, electrical, and plumbing, roof, and parking lot improvements and interior and exterior renovations. Proposition F also includes an upgraded communication system for Police Department. Projects are dependent upon voter-approval in November 2018.

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A recap of budgeted expenditures includes:

	YEAR ONE 2018 – 2019	YEAR TWO 2019 – 2020	YEAR THREE 2020 – 2021
TOTAL PROGRAMMED EXPENDITURES:	**$ 10,258,900**	**$ 31,504,900**	**$ 19,598,600**
CURRENT AVAILABLE FUNDING:			
RECOMMENDED ADDITIONAL FUNDING:			
Type A Sales Tax Proceeds	**$ 4,200,000**	**$ 15,500,000**	**$ 12,500,000**
New Certificates of Obligation	**$ 1,061,700**	**$ 8,510,000**	**$ 7,098,600**
Proposed Propositions E & F Bond Election 2018	**$ 4,997,200**	**$ 7,494,900**	**$ 0**
TOTAL PROGRAMMED FUNDS:	**$ 10,258,900**	**$ 31,504,900**	**$ 19,598,600**

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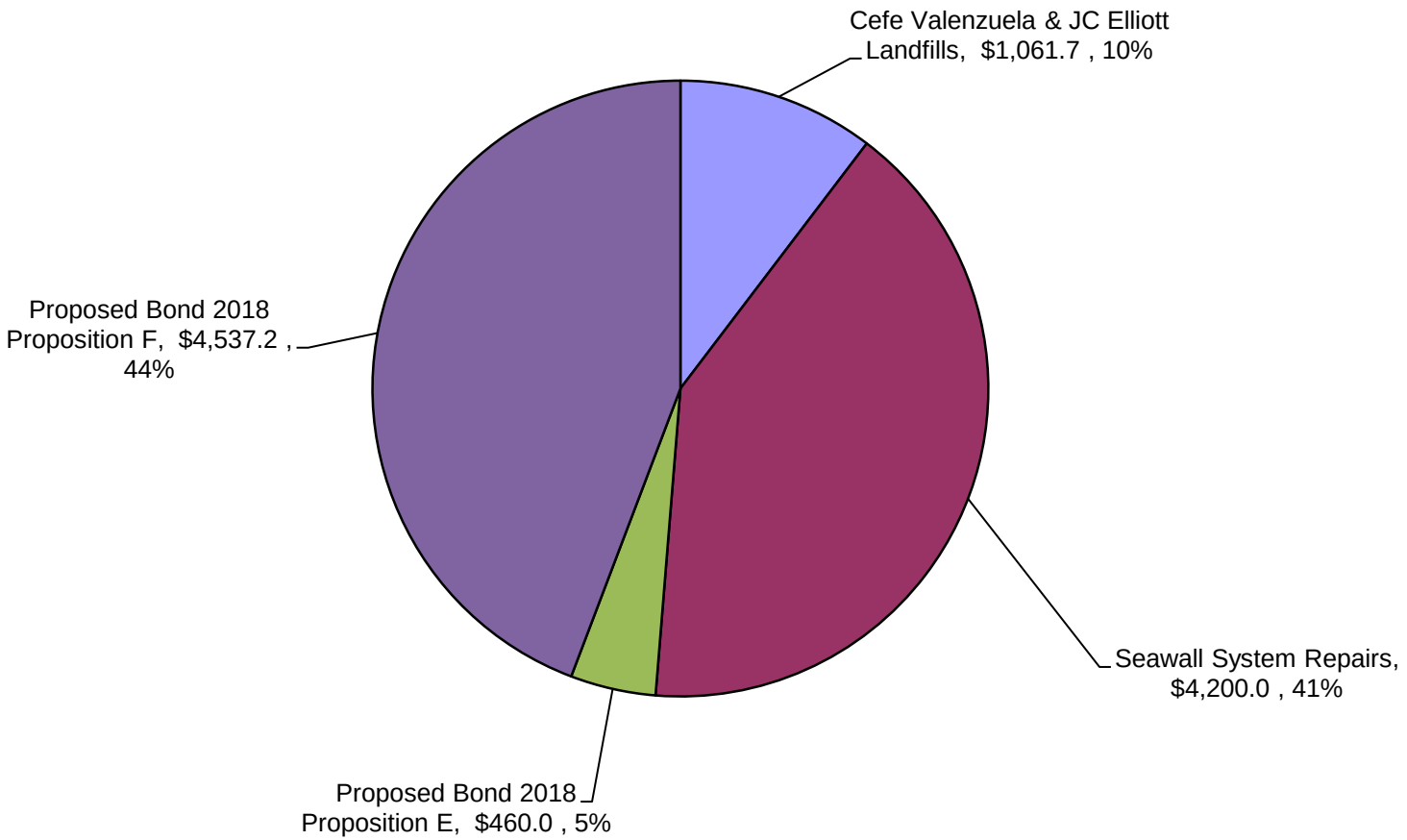
Public Health & Safety
Annual CIP: $10,258.9
(Amounts in 000's)



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PUBLIC HEALTH AND SAFETY
SHORT-RANGE CIP
(Amounts in 000's)

Seq #	Project Name	Project-to-Date Obligations July 2018	Unspent Prior Budget as of July 2018	**CIP Budget Year 1 2018 - 2019**	Year 2 2019 - 2020	Year 3 2020 - 2021	**Three Year Total**
PH 01	***Proposed*** **Bond 2018 Proposition E** Finance and Engineering Number: Various			**4,537.2**	6,805.9		**11,343.1**
PH 02	***Proposed*** **Bond 2018 Proposition F** Finance and Engineering Number: Various			**460.0**	689.0		**1,149.0**
PH 03	**J.C. Elliott Landfill Site Improvements** Finance and Engineering Number: E17060	32.6	788.3				
PH 04	**J.C. Elliott Landfill Collection Center Building** Finance and Engineering Number: E170601	51.8	777.6				
PH 05	**J.C. Elliott Landfill Road Improvements** Finance and Engineering Number: TBD			**100.0**	1,000.0	100.0	**1,200.0**
PH 06	**Cefé Valenzuela Landfill Road Improvements** Finance and Engineering Number: TBD			**200.0**	2,000.0	200.0	**2,400.0**
PH 07	**Cefé Valenzuela Landfill Disposal Cells Interim Cover - Cells 3D, 4A and 4B** Finance and Engineering Number: E11061	574.9		**120.0**	3,500.0		**3,620.0**
PH 08	**Erosion Control Lifecycle Improvements** Finance and Engineering Number: TBD			**75.0**	750.0		**825.0**
PH 09	**Cefé Valenzuela Landfill Liquids (Leachate) Management System** Finance and Engineering Number: E11059	50.3		**50.0**	950.0		**1,000.0**

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PUBLIC HEALTH AND SAFETY
SHORT-RANGE CIP
(Amounts in 000's)

Seq #	Project Name	Project-to-Date Obligations July 2018	Unspent Prior Budget as of July 2018	**CIP Budget Year 1 2018 - 2019**	Year 2 2019 - 2020	Year 3 2020 - 2021	**Three Year Total**
PH 10	**Cefé Valenzuela Landfill Sector 3C Cells Development** Finance and Engineering Number: E17118	6,112.8	2,410.6				**-**
PH 11	**Solid Waste Technical Support** Finance and Engineering Number: TBD			**250.0**	250.0	250.0	**750.0**
PH 12	**Solid Waste Drainage Lifecycle Improvements** Finance and Engineering Number: TBD				60.0		**60.0**
PH 13	**Cefé Valenzuela Landfill Gas Collection and Control System (GCCS)** Lifecycle Improvements Finance and Engineering Number: TBD			**266.7**			**266.7**
PH 14	**Cefé Valenzuela Landfill Sector 2A Cell Development** Finance and Engineering Number: TBD					6,548.6	**6,548.6**
PH 15	**Seawall Capital Repairs** Finance and Engineering Number: E17041			**500.0**	200.0	1,000.0	**1,700.0**
PH 16	**Floodwall Upgrades at Science Museum and United States Army Corps of Engineer's Building** Finance and Engineering Number: E16317 / E16319			**500.0**	6,000.0	6,000.0	**12,500.0**
PH 17	**Salt Flats Levee Improvements** Finance and Engineering Number: E03428 / E12070			**300.0**	2,500.0		**2,800.0**
PH 18	**Phase 1 Breakwater Repairs (Marina Breakwater at McGee Beach)** Finance and Engineering Number: E15152 / E16318			**1,250.0**	2,000.0		**3,250.0**

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PUBLIC HEALTH AND SAFETY
SHORT-RANGE CIP
(Amounts in 000's)

Seq #	Project Name	Project-to-Date Obligations July 2018	Unspent Prior Budget as of July 2018	**CIP Budget Year 1 2018 - 2019**	Year 2 2019 - 2020	Year 3 2020 - 2021	**Three Year Total**
PH 19	**McGee Beach Nourishment/Boat Basin Dredging** Finance and Engineering Number: E16321			**500.0**	1,000.0		**1,500.0**
PH 20	**Kinney & Power Street Pump Station Improvements** Finance and Engineering Number: E16320			**500.0**	1,800.0	3,000.0	**5,300.0**
PH 21	**Restoration of SEA District Water Features** Finance and Engineering Number: TBD			**150.0**	1,250.0		**1,400.0**
PH 22	**Comprehensive Feasibility Study for Seawall** Finance and Engineering Number: TBD			**500.0**	750.0	2,500.0	**3,750.0**
	Program Total:	**6,822.4**	**3,976.5**	**10,258.9**	**31,504.9**	**19,598.6**	**61,362.4**

CURRENTLY AVAILABLE FUNDING:

	Existing Sales Tax Proceeds			**4,200.0**			**4,200.0**
	Existing Certificates of Obligation	**6,822.4**	**3,976.5**				
	Total Currently Available:	**6,822.4**	**3,976.5**	**4,200.0**			**4,200.0**

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PUBLIC HEALTH AND SAFETY
SHORT-RANGE CIP
(Amounts in 000's)

Seq #	Project Name	Project-to-Date Obligations July 2018	Unspent Prior Budget as of July 2018	**CIP Budget Year 1 2018 - 2019**	Year 2 2019 - 2020	Year 3 2020 - 2021	**Three Year Total**
	RECOMMENDED ADDITIONAL FUNDING:						
	Sales Tax Proceeds				**15,500.0**	**12,500.0**	**28,000.0**
	New Certificates of Obligation			**1,061.7**	**8,510.0**	**7,098.6**	**16,670.3**
	Proposed **Prop E & F Bond 2018 Issue**			**4,997.2**	**7,494.9**		**12,492.1**
	Total Recommended Additional Funding:			**6,058.9**	**31,504.9**	**19,598.6**	**57,162.4**
	Total Funding Source:	**6,822.4**	**3,976.5**	**10,258.9**	**31,504.9**	**19,598.6**	**61,362.4**

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PROJECT DESCRIPTION

Proposed **General Obligation Bond 2018 Proposition E: PUBLIC SAFETY IMPROVEMENTS** Sequence #01

PROJECT TITLE: ***Proposed*** General Obligation Public Safety Bond - Proposition E

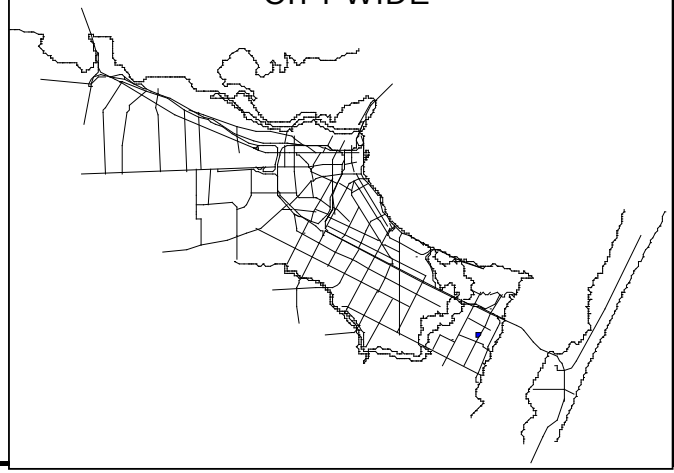
Consistency with Feasibility Studies

DESCRIPTION:

This proposition focuses on public safety facilities throughout City. It provides elevator renovations, mechanical, electrical, and plumbing (MEP), roof, and parking lot improvements and interior and exterior renovations. Proposition includes upgraded communication system for Police Department. Projects are dependent upon voter-approval in November 2018 Bond Election. *Proposed* Public Safety improvements include:

- Radio Communications
- Police Headquarters
- Police Substations
- Fire Headquarters & EOC
- EMS Central Building
- Fire Department Warehouse
- Fire Stations (1, 3, 4, 5, 6, 7, 8, 9 , 10, 11, 12, 13, 16)

CITY WIDE



PROJECT NOTES:

Project No:	Various
A/E Consultant:	Various
Contractor:	Various
Award Design:	On-Going
Award Construction:	On-Going
Anticipated Completion:	On-Going

FUNDING SCHEDULE (Amount in 000's)

Use of Funds	Project-to-Date Obligations July 2018	Unspent Prior Budget as of July 2018	**CIP Budget Year 1 2018 - 2019**	Year 2 2019 - 2020	Year 3 2020 - 2021	**Future Budget Required (Years 4 - 10)**	**Total Project Value (Amounts in $'s)**
Public Safety Improvements			**4,537.2**	6,805.9			**11,343,100**
TOTAL:			**4,537.2**	6,805.9			**$ 11,343,100**
Source of Funds							
Bond Issue 2018 GO's			**4,537.2**	6,805.9			**11,343,100**
TOTAL:			**4,537.2**	6,805.9			**$ 11,343,100**

OPERATIONAL IMPACT:

It is too early to determine operational budget impact. Projects will improve service life of public safety facilities.

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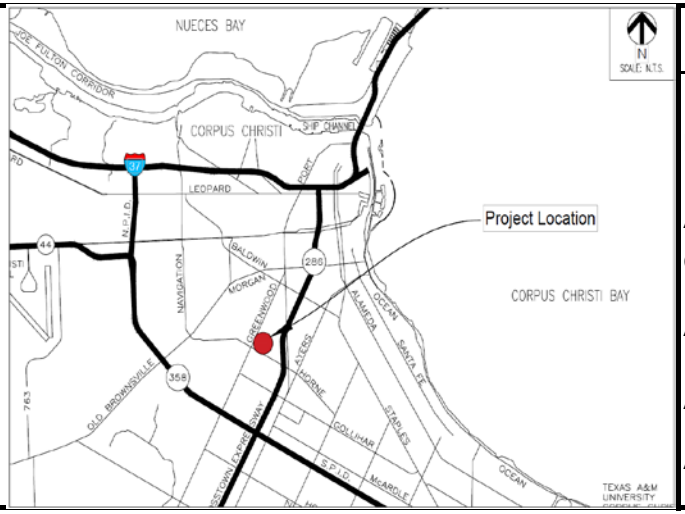
PROJECT DESCRIPTION

Proposed **General Obligation Bond 2018 Proposition F: PUBLIC HEALTH IMPROVEMENTS** Sequence #02

PROJECT TITLE: ***Proposed*** General Obligation Public Safety Bond - Proposition F

Consistency with Feasibility Studies

DESCRIPTION:
This proposition focuses on improvements to the City/County Health Department Building. It provides facility and facility-related improvements including elevator renovations, mechanical, electrical, and plumbing (MEP), and roof improvements. Projects are dependent upon voter-approval in November 2018 Bond Election.



PROJECT NOTES:

Project No:	TBD
A/E Consultant:	TBD
Contractor:	TBD
Award Design:	TBD
Award Construction:	TBD
Anticipated Completion:	TBD

FUNDING SCHEDULE (Amount in 000's)

Use of Funds	Project-to-Date Obligations July 2018	Unspent Prior Budget as of July 2018	**CIP Budget Year 1 2018 - 2019**	Year 2 2019 - 2020	Year 3 2020 - 2021	**Future Budget Required (Years 4 - 10)**	**Total Project Value (Amounts in $'s)**
Public Health Improvements			**460.0**	689.0			**1,149,000**
TOTAL:			**460.0**	689.0			**$ 1,149,000**
Source of Funds							
Bond Issue 2018 GO's			**460.0**	689.0			**1,149,000**
TOTAL:			**460.0**	689.0			**$ 1,149,000**

OPERATIONAL IMPACT:

It is too early to determine operational budget impact. Project will improve service life of public health building.

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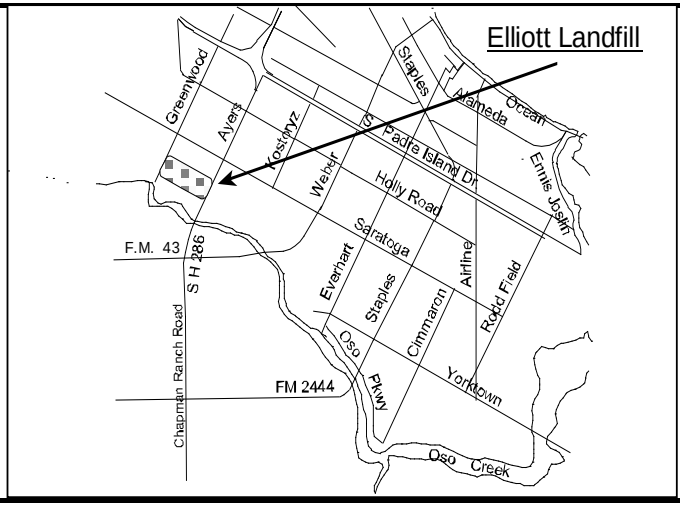
PROJECT DESCRIPTION

DEPARTMENT: **Public Health and Safety** Sequence #03

PROJECT TITLE: J.C. Elliott Landfill Site Improvements

Consistency with Comprehensive Plan: Policy Statements pg. 48: 3 & 6

DESCRIPTION:
Project provides for utility and storm water drainage improvements necessary for future Collection Center Building to support operation of Citizens Collection Center, Transfer Station and Scale House at JC Elliott Landfill. Improvements include water and wastewater utilities, lift station, drainage concrete swale, headwalls and culverts and parking lot to accommodate employee and visitor vehicles.



PROJECT NOTES:

Project No: E17060

A/E Consultant: Munoz Engineering
Contractor: Bridges Specialties

Award Design: Oct 2017

Award Construction: June 2018

Anticipated Completion: Jan 2019

FUNDING SCHEDULE (Amount in 000's)

Use of Funds	Project-to-Date Obligations July 2018	Unspent Prior Budget as of July 2018	**CIP Budget Year 1 2018 - 2019**	Year 2 2019 - 2020	Year 3 2020 - 2021	**Future Budget Required (Years 4 - 10)**	**Total Project Value (Amounts in $'s)**
Design & Engineering	28.0						**28,000**
Construction		500.0					**500,000**
Contingency		100.0					**100,000**
Inspection/Other	4.6	188.3					**192,900**
TOTAL:	32.6	788.3					**$ 820,900**
Source of Funds							
Certificates of Obligation	32.6	788.3					**820,900**
TOTAL:	32.6	788.3					**$ 820,900**

OPERATIONAL IMPACT:

Slight electrical increase for lift station. Project will improve drainage and sanitary conditions for future Collection Center Building.

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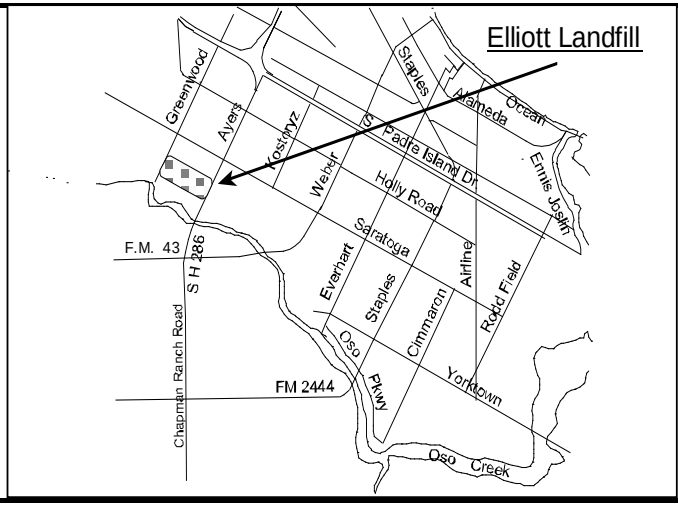
PROJECT DESCRIPTION

DEPARTMENT: **Public Health and Safety** Sequence #04

PROJECT TITLE: J.C. Elliott Landfill Collection Center Building

Consistency with Comprehensive Plan

DESCRIPTION:
Existing Collection Center Building requires constant maintenance and reached end of serviceable life. Project provides new Collection Center Building to support operation of Citizens Collection Center, Transfer Station and Scale House at JC Elliott Landfill. Building will house landfill personnel, serve general public and store compliance records.



PROJECT NOTES:

Project No:	E17061
A/E Consultant:	Munoz Engineering
Contractor:	TBD
Award Design:	Nov 2017
Award Construction:	FY 2018
Anticipated Completion:	FY 2019

FUNDING SCHEDULE (Amount in 000's)

Use of Funds	Project-to-Date Obligations July 2018	Unspent Prior Budget as of July 2018	**CIP Budget Year 1 2018 - 2019**	Year 2 2019 - 2020	Year 3 2020 - 2021	**Future Budget Required (Years 4 - 10)**	**Total Project Value (Amounts in $'s)**
Design & Engineering	48.3						**48,300**
Construction		650.0					**650,000**
Contingency		65.0					**65,000**
Inspection/Other	3.5	62.6					**66,100**
TOTAL:	51.8	777.6					**$ 829,400**
Source of Funds							
Certificates of Obligation	51.8	777.6					**829,400**
TOTAL:	51.8	777.6					**$ 829,400**

OPERATIONAL IMPACT:

New Building will eliminate elevated maintenance costs of existing building, which is inefficient and not compliant with City Code. It will also serve as storage of regulation records and accommodate landfill personnel.

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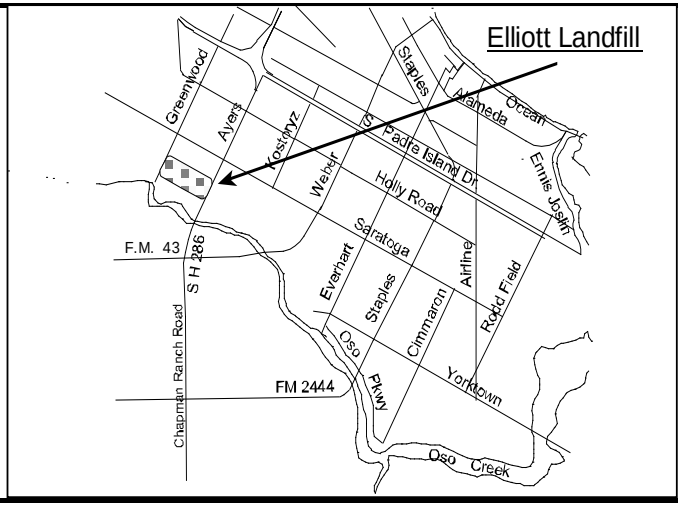
PROJECT DESCRIPTION

DEPARTMENT: **Public Health and Safety** Sequence #05

PROPOSED NEW PROJECT TITLE: J.C. Elliott Landfill Road Improvements

Consistency with Comprehensive Plan

DESCRIPTION:
Internal roadways and pavement located at J. C. Elliott Landfill require periodic replacement due to deterioration caused by heavy truck traffic and life cycle of roadways. Recommended work is necessary for continued access to facility. Post closure monitoring and movement of mulching operations require construction of additional internal roadways. Streets are repaired yearly to extent funding allows.



PROJECT NOTES:

Project No.	TBD
A/E Consultant:	TBD
Award Design:	On-Going
Award Construction:	On-Going
Anticipated Completion:	On-Going

FUNDING SCHEDULE (Amount in 000's)

Use of Funds	Project-to-Date Obligations July 2018	Unspent Prior Budget as of July 2018	**CIP Budget Year 1 2018 - 2019**	Year 2 2019 - 2020	Year 3 2020 - 2021	**Future Budget Required (Years 4 - 10)**	**Total Project Value (Amounts in $'s)**
Design & Engineering			**90.0**		90.0	300.0	**480,000**
Construction				850.0		3,600.0	**4,450,000**
Contingency				85.0		360.0	**445,000**
Inspection/Other			**10.0**	65.0	10.0	340.0	**425,000**
TOTAL:			**100.0**	1,000.0	100.0	4,600.0	**$ 5,800,000**
Source of Funds							
Certificates of Obligation			**100.0**	1,000.0	100.0	4,600.0	**5,800,000**
TOTAL:			**100.0**	1,000.0	100.0	4,600.0	**$ 5,800,000**

OPERATIONAL IMPACT:

No direct operational impact from project, but access and operational efficiency could be greatly reduced and potential liability claims could be generated for damages to private vehicles if work not performed.

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PROJECT DESCRIPTION

DEPARTMENT: **Public Health and Safety** Sequence #06

PROPOSED NEW PROJECT TITLE: Cefe F. Valenzuela Landfill Road Improvements

Consistency with Comprehensive Plan: Policy Statements pg. 48: 3 & 6

DESCRIPTION:

Internal roadways and pavement located at Cefe F. Valenzuela Landfill require periodic replacement due to deterioration caused by heavy truck traffic and life cycle of roadways. Recommended work is necessary for continued access to facility. Streets are repaired yearly to extent funding allows.□

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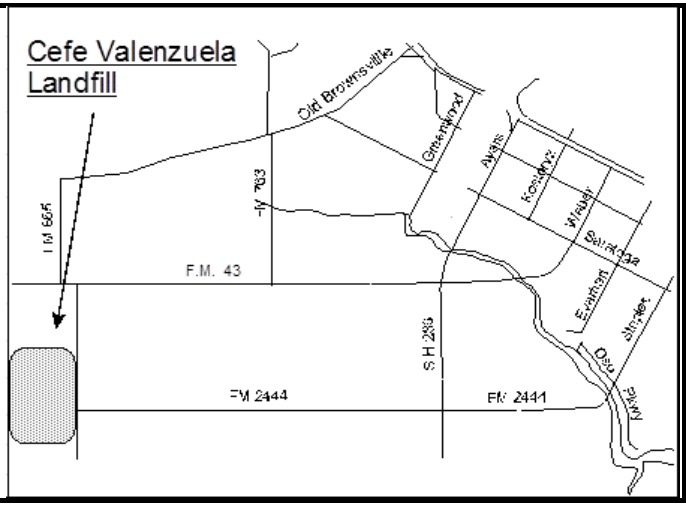

PROJECT NOTES:

Project No.	TBD
A/E Consultant:	TBD
Award Design:	On-Going
Award Construction:	On-Going
Anticipated Completion:	On-Going

FUNDING SCHEDULE (Amount in 000's)

Use of Funds	Project-to-Date Obligations July 2018	Unspent Prior Budget as of July 2018	**CIP Budget Year 1 2018 - 2019**	Year 2 2019 - 2020	Year 3 2020 - 2021	**Future Budget Required (Years 4 - 10)**	**Total Project Value (Amounts in $'s)**
Design & Engineering			**110.0**		110.0	330.0	**550,000**
Construction				1,850.0		7,400.0	**9,250,000**
Contingency				85.0		740.0	**825,000**
Inspection/Other			**90.0**	65.0	90.0	130.0	**375,000**
TOTAL:			**200.0**	2,000.0	200.0	8,600.0	**$ 11,000,000**
Source of Funds							
Certificates of Obligation			**200.0**	2,000.0	200.0	8,600.0	**11,000,000**
TOTAL:			**200.0**	2,000.0	200.0	8,600.0	**$ 11,000,000**

OPERATIONAL IMPACT:

No direct operational impact from project, but access and operational efficiency could be greatly reduced and potential liability claims could be generated for damages to private vehicles if work not performed.

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PROJECT DESCRIPTION

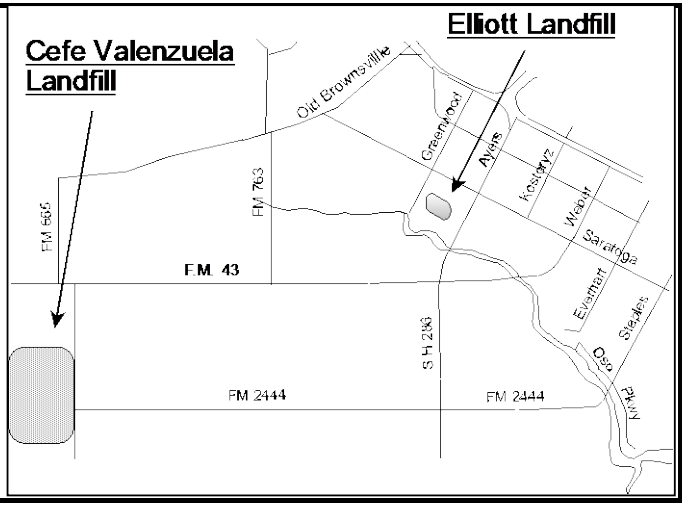
DEPARTMENT: **Public Health and Safety** Sequence #07

PROJECT TITLE: Café Valenzuela Landfill Disposal Cells Interim Cover - Cells 3D, 4A & 4B

Consistency with the Comprehensive Plan: Policy Statements pg. 48: 3 & 6

DESCRIPTION:

A Texas Commission on Environmental Quality (TCEQ) permit requires design and installation of interim final cover for disposal Cells 3D, 4A and 4B must be completed in a timely manner to protect public safety and avoid penalties. TCEQ must review and approve construction plans prior to construction starting. Installation of interim final cover will protect environment by keeping accumulated waste in place. Using an alternate interim cover system which includes solar panels to produce energy, could potentially reduce operational expenses if approval is given to design. Currently, all permitting requirements have been completed and staff is waiting on soil balance cover report and response to alternate interim cover.



PROJECT NOTES:

Project No.	E11061
A/E Consultant:	CP&Y
Award Design:	Jan 2013
Award Construction:	TBD
Anticipated Completion:	TBD

FUNDING SCHEDULE (Amount in 000's)

Use of Funds	Project-to-Date Obligations July 2018	Unspent Prior Budget as of July 2018	**CIP Budget Year 1 2018 - 2019**	Year 2 2019 - 2020	Year 3 2020 - 2021	**Future Budget Required (Years 4 - 10)**	**Total Project Value (Amounts in $'s)**
Design & Engineering	533.9		**100.0**				**633,900**
Construction				3,000.0			**3,000,000**
Contingency				300.0			**300,000**
Inspection/Other	41.0		**20.0**	200.0			**261,000**
TOTAL:	574.9		**120.0**	3,500.0			**$ 4,194,900**
Source of Funds							
Certificates of Obligation	574.9		**120.0**	3,500.0			**4,194,900**
TOTAL:	574.9		**120.0**	3,500.0			**$ 4,194,900**

OPERATIONAL IMPACT:

Project is required by Texas Commission on Environmental Quality (TCEQ) and successful completion of project in timely manner will avoid fines and penalties as well as protect environment. Alternate interim cover, if approved by TCEQ, could provide alternate energy savings and reduce landfill expenses.

PROJECT DESCRIPTION

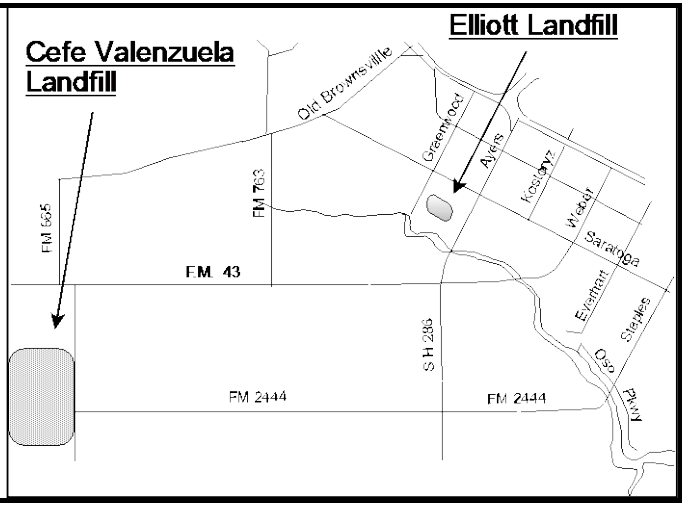
DEPARTMENT: **Public Health and Safety** Sequence #08

PROJECT TITLE: Erosion Control Lifecycle Improvements

Consistency with the Comprehensive Plan: Policy Statements pg. 48: 3 & 6

DESCRIPTION:

Landfill erosion can affect daily, intermediate, and/or final cover by exposing garbage which damages liner set in place, as well as violates permit conditions. Lifecycle Erosion Control program monitors, controls, and repairs erosion in closed and open landfills. Erosion control measures include: vegetation of slopes, vegetation of other key areas, mechanical controls to channel water from slopes, etc. This is an on-going requirement necessary to maintain compliance status with State and Federal Laws. Erosion Control Cover will be designed to last several decades.



PROJECT NOTES:

Project No.	TBD
A/E Consultant:	RFQ
Contractor:	TBD
Award Design:	On-Going
Award Construction:	On-Going
Anticipated Completion:	On-Going

FUNDING SCHEDULE (Amount in 000's)

Use of Funds	Project-to-Date Obligations July 2018	Unspent Prior Budget as of July 2018	**CIP Budget Year 1 2018 - 2019**	Year 2 2019 - 2020	Year 3 2020 - 2021	**Future Budget Required (Years 4 - 10)**	**Total Project Value (Amounts in $'s)**
Design & Engineering			**70.0**				**70,000**
Construction				700.0			**700,000**
Contingency				30.0			**30,000**
Inspection/Other			**5.0**	20.0			**25,000**
TOTAL:			**75.0**	750.0			**$ 825,000**
Source of Funds							
Certificates of Obligation			**75.0**	750.0			**825,000**
TOTAL:			**75.0**	750.0			**$ 825,000**

OPERATIONAL IMPACT:

Project will provide savings to Operational Budget by holding soil cover in place for extended time periods, preventing future expenditures on additional soil cover and soil cover repairs. Project helps maintain compliance of permit requirements and avoid future violations and fines.

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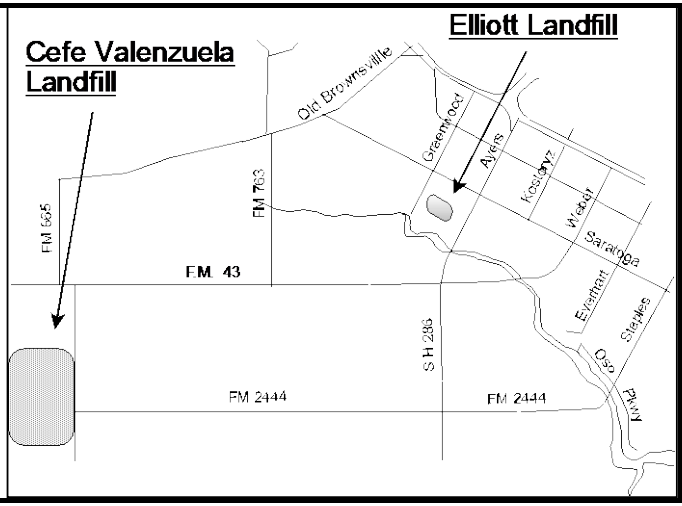
DEPARTMENT: **Public Health and Safety** Sequence #09

PROJECT TITLE: Cefé Valenzuela Landfill Liquids (Leachate) Management System

Consistency with the Comprehensive Plan: Policy Statements pg. 48: 3 & 6

DESCRIPTION:

Project will provide required design and construction of leachate recirculation system. Proposed work is necessary to maintain control of leachate infected ground water and insure regulatory compliance for proper handling of leachate generated from disposal cells. Proposed work will optimize controls, piping, and pumps for recirculation of leachate into proper disposal cells and eliminates need for existing two 5-acre leachate ponds. Permit modification will be required to recirculate groundwater in cells with recirculated leachate.



PROJECT NOTES:

Project No.	E11059
A/E Consultant:	CP&Y
Award Design:	Oct 2013
Award Construction:	TBD
Anticipated Completion:	TBD

FUNDING SCHEDULE (Amount in 000's)

Use of Funds	Project-to-Date Obligations July 2018	Unspent Prior Budget as of July 2018	**CIP Budget Year 1 2018 - 2019**	Year 2 2019 - 2020	Year 3 2020 - 2021	**Future Budget Required (Years 4 - 10)**	**Total Project Value (Amounts in $'s)**
Design & Engineering	41.3		**45.0**				**86,300**
Construction				850.0			**850,000**
Contingency				50.0			**50,000**
Inspection/Other	9.0		**5.0**	50.0			**64,000**
TOTAL:	50.3		**50.0**	950.0			**$ 1,050,300**
Source of Funds							
Certificates of Obligation	50.3		**50.0**	950.0			**1,050,300**
TOTAL:	50.3		**50.0**	950.0			**$ 1,050,300**

OPERATIONAL IMPACT:

Project will result in elimination of future capital improvement projects to construct additional evaporation ponds as size of landfill increases. It will optimize energy usage improving pumping pattern for recirculation and control system which will reduce utility expense and labor costs required to operate existing leachate control system.

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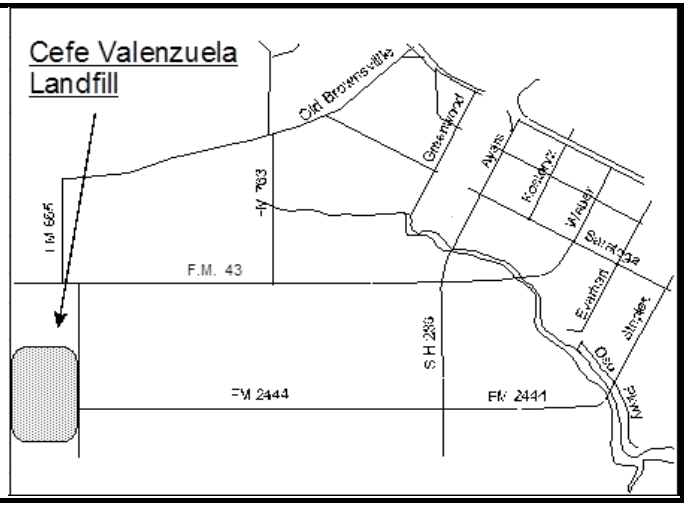
PROJECT DESCRIPTION

DEPARTMENT: **Public Health and Safety** Sequence #10

PROJECT TITLE: Cefe F. Valenzuela Landfill Sector 3C Disposal Cell Development

Consistency with Comprehensive Plan: Policy Statements

DESCRIPTION:
Project provides for construction of 31.2-acre expansion cell of Sector 3C at Cefe F. Valenzuela Landfill. Cell construction is planned in two phases: Phase 1 consists of 15.8 acres and accelerated construction schedule to minimize overfill costs and allow partial cell utilization. Phase 2 is remaining 15.4 acres to complete construction. Partial opening of cell is scheduled for October 2018 with Phase 2 completion by February 2019.



PROJECT NOTES:

Project No.	E17118
A/E Consultant:	Hanson
Contractor:	FCS
Award Design:	Jan 2018
Award Construction:	Apr 2018
Anticipated Completion:	Feb 2019

FUNDING SCHEDULE (Amount in 000's)

Use of Funds	Project-to-Date Obligations July 2018	Unspent Prior Budget as of July 2018	**CIP Budget Year 1 2018 - 2019**	Year 2 2019 - 2020	Year 3 2020 - 2021	**Future Budget Required (Years 4 - 10)**	**Total Project Value (Amounts in $'s)**
Design & Engineering	823.3						**823,300**
Construction	5,273.2						**5,273,200**
Contingency		2,000.0					**2,000,000**
Inspection/Other	16.3	410.6					**426,900**
TOTAL:	6,112.8	2,410.6					**$ 8,523,400**
Source of Funds							
Certificates of Obligation	6,112.8	2,410.6					**8,523,400**
TOTAL:	6,112.8	2,410.6					**$ 8,523,400**

OPERATIONAL IMPACT:

Project is required by Texas Commission on Environmental Quality (TCEQ) and successful completion of project in timely manner will avoid fines and penalties as well as protect environment. Project will provide cover soil from new cell excavation, which will save costs for operational budget.

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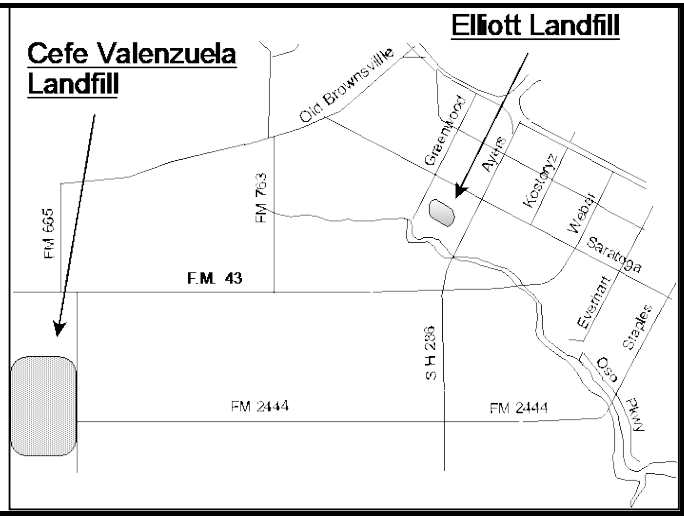
PROJECT DESCRIPTION

DEPARTMENT: **Public Health and Safety** Sequence #11

PROJECT TITLE: Solid Waste Technical Support

Consistency with Comprehensive Plan: Policy Statements pg. 48: 3 & 6

DESCRIPTION:
Project will provide Solid Waste Department with assistance, as need arises, for capital issues, permitting questions or clarifications, records research, small job order construction contract design, or other needs associated with Cefe F. Valenzuela and JC Elliott Landfills



PROJECT NOTES:

Project No.	TBD
A/E Consultant:	TBD
Contractor:	Various
Award Design:	N/A
Award Construction:	N/A
Anticipated Completion:	N/A

FUNDING SCHEDULE (Amount in 000's)

Use of Funds	Project-to-Date Obligations July 2018	Unspent Prior Budget as of July 2018	**CIP Budget Year 1 2018 - 2019**	Year 2 2019 - 2020	Year 3 2020 - 2021	**Future Budget Required (Years 4 - 10)**	**Total Project Value (Amounts in $'s)**
Design & Engineering			**225.0**	225.0	225.0		**675,000**
Construction							
Contingency							
Inspection/Other			**25.0**	25.0	25.0		**75,000**
TOTAL:			**250.0**	250.0	250.0		**$ 750,000**
Source of Funds							
Certificates of Obligation			**250.0**	250.0	250.0		**750,000**
TOTAL:			**250.0**	250.0	250.0		**$ 750,000**

OPERATIONAL IMPACT:
Solid Waste staff have to continually maintain, improve and control facilities. Many issues require timely implementation and all require engineering and permitting assistance. Project provides consultant services for issues requiring timely response through either engineering consulting, permit compliance assistance, or engineering design, bid, and construction phase services for items with multi-decadal utility.

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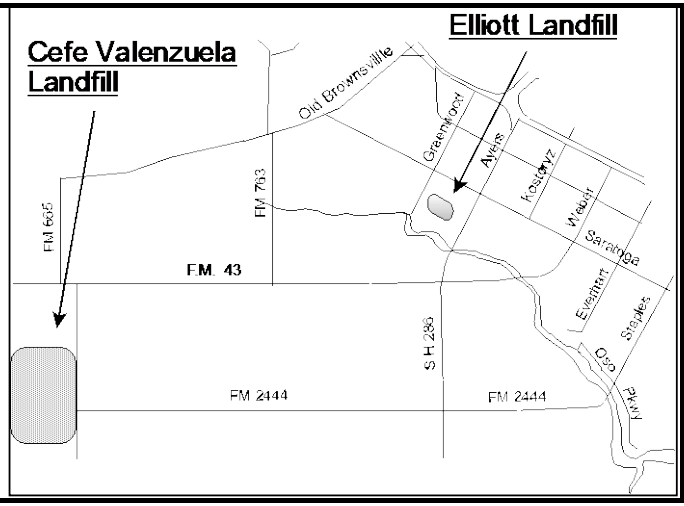
PROJECT DESCRIPTION

DEPARTMENT: **Public Health and Safety** Sequence #12

PROJECT TITLE: Solid Waste Drainage Lifecycle Improvements

Consistency with Comprehensive Plan: Policy Statements

DESCRIPTION:
Project provides for drainage improvements at Cefe F. Valenzuela and JC Elliott Landfills. This will mitigate any weather-related emergencies by providing repairs of damaged drainage ditches caused by heavy rains and/or debris.



PROJECT NOTES:

Project No.	TBD
A/E Consultant:	TBD
Contractor:	TBD
Award Design:	TBD
Award Construction:	TBD
Anticipated Completion:	TBD

FUNDING SCHEDULE (Amount in 000's)

Use of Funds	Project-to-Date Obligations July 2018	Unspent Prior Budget as of July 2018	**CIP Budget Year 1 2018 - 2019**	Year 2 2019 - 2020	Year 3 2020 - 2021	**Future Budget Required (Years 4 - 10)**	**Total Project Value (Amounts in $'s)**
Design & Engineering				50.0			**50,000**
Construction							
Contingency							
Inspection/Other				10.0			**10,000**
TOTAL:				60.0			**$ 60,000**
Source of Funds							
Certificates of Obligation				60.0			**60,000**
TOTAL:				60.0			**$ 60,000**

OPERATIONAL IMPACT:

Landfill operation could be severely impacted due to weather-related emergencies. Accessibility to landfills and use of internal landfill roadways could be impacted by potential flooding/debris.

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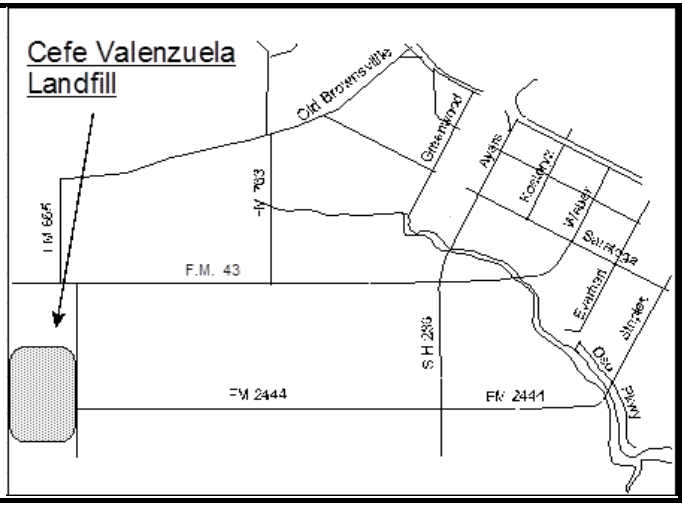
PROJECT DESCRIPTION

DEPARTMENT: **Public Health and Safety** Sequence #13

PROJECT TITLE: Cefe F. Valenzuela Landfill Gas Collection and Control System Lifecycle Improvements

Consistency with Comprehensive Plan: Policy Statements

DESCRIPTION:
Project provides for periodic vertical extension of existing 26 landfill gas wells necessary to maintain wells above level of municipal solid waste and cover. This also includes major gas system expansions for landfill future cells 3C, 2A, 3B, 3A 2B and 2C.



PROJECT NOTES:

Project No.	TBD
A/E Consultant:	TBD
Contractor:	TBD
Award Design:	TBD
Award Construction:	TBD
Anticipated Completion:	TBD

FUNDING SCHEDULE (Amount in 000's)

Use of Funds	Project-to-Date Obligations July 2018	Unspent Prior Budget as of July 2018	**CIP Budget Year 1 2018 - 2019**	Year 2 2019 - 2020	Year 3 2020 - 2021	**Future Budget Required (Years 4 - 10)**	**Total Project Value (Amounts in $'s)**
Design & Engineering			**26.7**				**26,670**
Construction			**200.0**				**200,000**
Contingency			**26.7**				**26,700**
Inspection/Other			**13.3**				**13,335**
TOTAL:			**266.7**				**$ 266,705**
Source of Funds							
Certificates of Obligation			**266.7**				**266,705**
TOTAL:			**266.7**				**$ 266,705**

OPERATIONAL IMPACT:

Project is required by Texas Commission on Environmental Quality (TCEQ) and successful completion of project in a timely manner achieves continuous solid waste disposal to maximum permitted level of cell.

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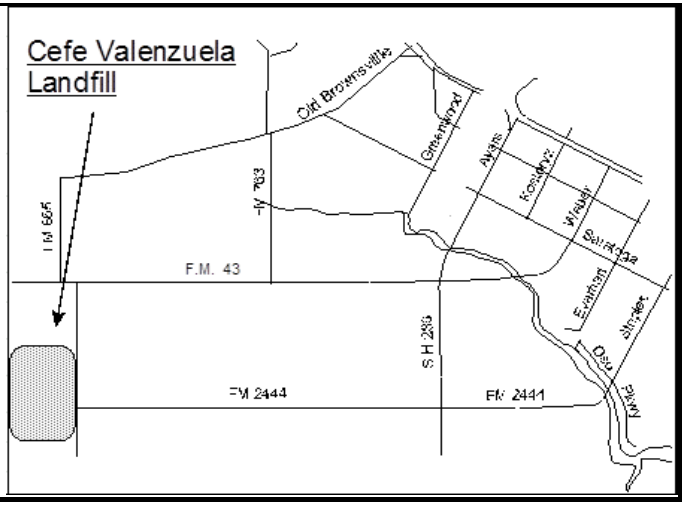
PROJECT DESCRIPTION

DEPARTMENT: **Public Health and Safety** Sequence #14

PROJECT TITLE: Cefe F. Valenzuela Landfill Sector 2A Cell Development

Consistency with Comprehensive Plan: Policy Statements

DESCRIPTION:
Project provides for cell development of sector 2A after exhausting capacity of cell 3C, which has estimated service life of 5 years. Based on current demand, landfill cell configuration and sequence, Sector 2A development will start in 2021.



PROJECT NOTES:

Project No.	TBD
A/E Consultant:	TBD
Contractor:	TBD
Award Design:	TBD
Award Construction:	TBD
Anticipated Completion:	TBD

FUNDING SCHEDULE (Amount in 000's)

Use of Funds	Project-to-Date Obligations July 2018	Unspent Prior Budget as of July 2018	**CIP Budget Year 1 2018 - 2019**	Year 2 2019 - 2020	Year 3 2020 - 2021	**Future Budget Required (Years 4 - 10)**	**Total Project Value (Amounts in $'s)**
Design & Engineering					517.0		**517,000**
Construction					5,170.0		**5,170,000**
Contingency					517.0		**517,000**
Inspection/Other					344.6		**344,600**
TOTAL:					6,548.6		**$ 6,548,600**
Source of Funds							
Certificates of Obligation					6,548.6		**6,548,600**
TOTAL:					6,548.6		**$ 6,548,600**

OPERATIONAL IMPACT:

This project is required by the Texas Commission on Environmental Quality (TCEQ) and successful completion of project in a timely manner will avoid fines and penalties as well as protect the environment. This project will provide cover soil from new cell excavation, which will save operational budget costs.

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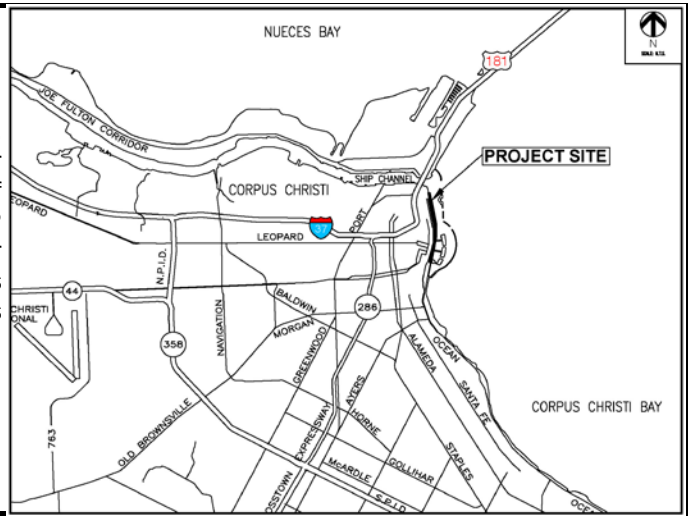
PROJECT DESCRIPTION

DEPARTMENT: **Public Health and Safety** Sequence #15

PROJECT TITLE: Seawall Capital Repairs

Consistency with the Comprehensive Plan: Policy Statements pg. 48: 3 & 6

DESCRIPTION:
The Corpus Christi Seawall was originally constructed from 1939 to 1942. With initiation of the Seawall Maintenance sales and use tax, a major project was completed in 2007 ($43.4 million) to address advanced levels of deterioration of the Seawall system. Funding levels programmed in the CIP are anticipated to address routine maintenance issues. Subsequent major reconstruction is scheduled after expiration of current one-eighth cent sales and use tax. Design and Construction contracts will be issued to address needed repairs this FY.



PROJECT NOTES:	
Project No.	E17041
A/E Consultant:	Munoz Eng
Contractor:	TBD
Award Design:	FY 2017
Award Construction:	TBD
Anticipated Completion:	TBD

FUNDING SCHEDULE (Amount in 000's)

Use of Funds	Project-to-Date Obligations July 2018	Unspent Prior Budget as of July 2018	**CIP Budget Year 1 2018 - 2019**	Year 2 2019 - 2020	Year 3 2020 - 2021	**Future Budget Required (Years 4 - 10)**	**Total Project Value (Amounts in $'s)**
Design & Engineering			**40.0**	150.0	80.0	920.0	**1,190,000**
Construction			**400.0**		800.0	2,300.0	**3,500,000**
Contingency			**40.0**		80.0	460.0	**580,000**
Inspection/Other			**20.0**	50.0	40.0	920.0	**1,030,000**
TOTAL:			**500.0**	200.0	1,000.0	4,600.0	**$ 6,300,000**
Source of Funds							
Sales Tax Proceeds			**500.0**	200.0	1,000.0	4,600.0	**6,300,000**
TOTAL:			**500.0**	200.0	1,000.0	4,600.0	**$ 6,300,000**

OPERATIONAL IMPACT:

Providing minor, routine repairs can defer potentially costly major structural reconstruction efforts.

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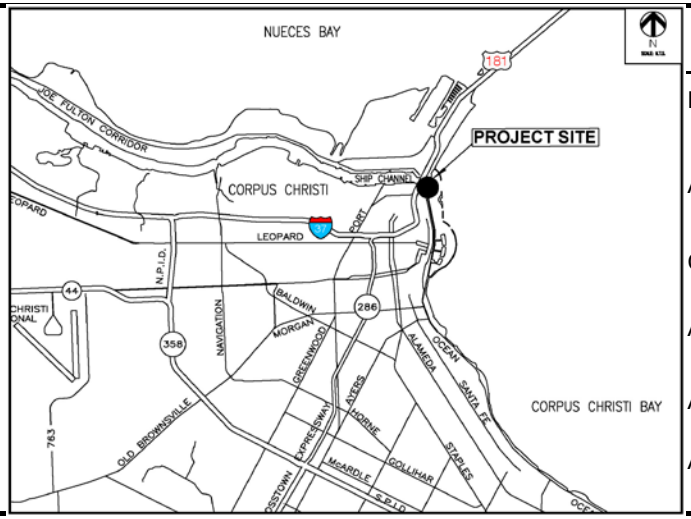
PROJECT DESCRIPTION

DEPARTMENT: **Public Health and Safety** Sequence #16

PROJECT TITLE: Floodwall Upgrades at Science Museum and U.S. Army Corps of Engineers Building

Consistency with the Comprehensive Plan: Policy Statements pg. 48: 3 & 6

DESCRIPTION:
This project includes construction of new floodwall at Corpus Christi Museum of Science & History and bulkhead along south shoreline of the Corpus Christi Ship Channel from northern end of existing floodwall on Port of Corpus Christi Authority (PCCA) property, eastward across United States Army Corps of Engineers (USACE) property and terminating at northwest corner of South Texas Art Museum bulkhead. The project will incorporate features to enable connectivity and circulation between existing waterfront features.



PROJECT NOTES:

Project Nos.	E16317 & E16319
A/E Consultant:	TBD
Contractor:	TBD
Award Design:	TBD
Award Construction:	TBD
Anticipated Completion:	TBD

FUNDING SCHEDULE (Amount in 000's)

Use of Funds	Project-to-Date Obligations July 2018	Unspent Prior Budget as of July 2018	**CIP Budget Year 1 2018 - 2019**	Year 2 2019 - 2020	Year 3 2020 - 2021	**Future Budget Required (Years 4 - 10)**	**Total Project Value (Amounts in $'s)**
Design & Engineering			**500.0**				**500,000**
Construction				5,500.0	5,500.0		**11,000,000**
Contingency				250.0	250.0		**500,000**
Inspection/Other				250.0	250.0		**500,000**
TOTAL:			**500.0**	6,000.0	6,000.0		**$ 12,500,000**
Source of Funds							
Sales Tax Proceeds			**500.0**	6,000.0	6,000.0		**12,500,000**
TOTAL:			**500.0**	6,000.0	6,000.0		**$ 12,500,000**

OPERATIONAL IMPACT:

There is no operational impact with this project.

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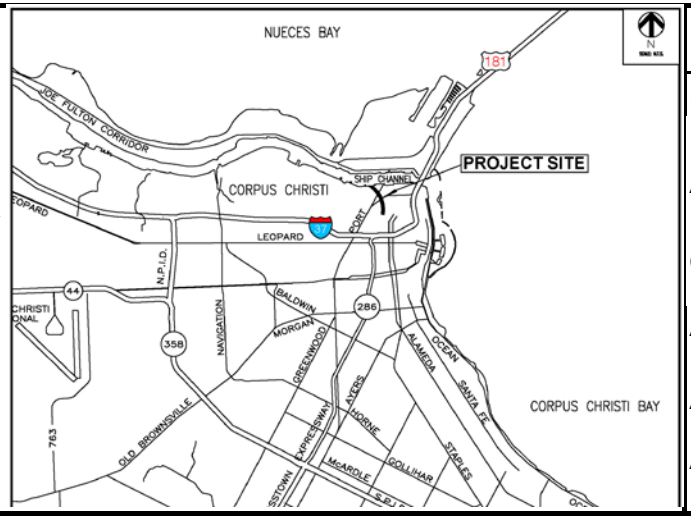
PROJECT DESCRIPTION

DEPARTMENT: **Public Health and Safety** Sequence #17

PROJECT TITLE: Salt Flats Levee Improvements

Consistency with the Comprehensive Plan: Policy Statements pg. 48: 3 & 6

DESCRIPTION:
Salt Flats Levee System (originally referred to as the Backwater Levee) is an integral component of the downtown flood protection system. The levee is susceptible to various modes of failure and requires improvements and maintenance to ensure system will function as originally designed. The City is not currently pursuing FEMA accreditation for Salt Flats Levee, including its accreditation as a freeboard-deficient levee. However, planned improvements will repair functional deficiencies.



PROJECT NOTES:

Project Nos.	E12070
	E03428
A/E Consultant:	RFQ
Contractor:	TBD
Award Design:	FY 2018
Award Construction:	TBD
Anticipated Completion:	TBD

FUNDING SCHEDULE (Amount in 000's)

Use of Funds	Project-to-Date Obligations July 2018	Unspent Prior Budget as of July 2018	**CIP Budget Year 1 2018 - 2019**	Year 2 2019 - 2020	Year 3 2020 - 2021	**Future Budget Required (Years 4 - 10)**	**Total Project Value (Amounts in $'s)**
Design & Engineering				200.0		250.0	**450,000**
Construction			**250.0**	2,000.0		1,400.0	**3,650,000**
Contingency			**25.0**	150.0		150.0	**325,000**
Inspection/Other			**25.0**	150.0		200.0	**375,000**
TOTAL:			**300.0**	2,500.0		2,000.0	**$ 4,800,000**
Source of Funds							
Sales Tax Proceeds			**300.0**	2,500.0		2,000.0	**4,800,000**
TOTAL:			**300.0**	2,500.0		2,000.0	**$ 4,800,000**

OPERATIONAL IMPACT:

There is not a direct operational cost at this time.

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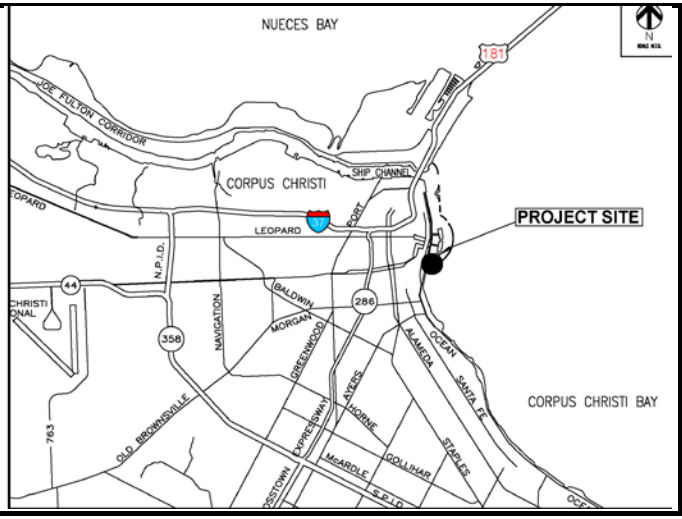
PROJECT DESCRIPTION

DEPARTMENT: **Public Health and Safety** Sequence #18

PROJECT TITLE: Phase 1 Breakwater Repairs (Marina Breakwater at McGee Beach)

Consistency with the Comprehensive Plan: Policy Statements pg. 48: 3 & 6

DESCRIPTION:
Marina breakwater is designed to reduce wave energies to marina facilities and vessels stored and navigating within marina channels. It also dissipates wave energy to the seawall in the area. The breakwater was constructed in the 1920's and is experiencing severe structural degradation due to age and harsh environment. Proposed improvements will repair existing rock breakwater and concrete cap. Repairs consist of demolishing existing, damaged concrete cap, repairing rock breakwater, and installing a new, wider concrete cap.



PROJECT NOTES:	
Project Nos.	E15152
	E16318
A/E Consultant:	LAN
Contractor:	TBD
Award Design:	Mar 2018
Award Construction:	TBD
Anticipated Completion:	TBD

FUNDING SCHEDULE (Amount in 000's)

Use of Funds	Project-to-Date Obligations July 2018	Unspent Prior Budget as of July 2018	**CIP Budget Year 1 2018 - 2019**	Year 2 2019 - 2020	Year 3 2020 - 2021	**Future Budget Required (Years 4 - 10)**	**Total Project Value (Amounts in $'s)**
Design & Engineering						300.0	**300,000**
Construction			**1,000.0**	1,500.0		3,000.0	**5,500,000**
Contingency			**100.0**	150.0		300.0	**550,000**
Inspection/Other			**150.0**	350.0		150.0	**650,000**
TOTAL:			**1,250.0**	2,000.0		3,750.0	**$ 7,000,000**
Source of Funds							
Sales Tax Proceeds			**1,250.0**	2,000.0		3,750.0	**7,000,000**
TOTAL:			**1,250.0**	2,000.0		3,750.0	**$ 7,000,000**

OPERATIONAL IMPACT:

There is no operational impact with this project.

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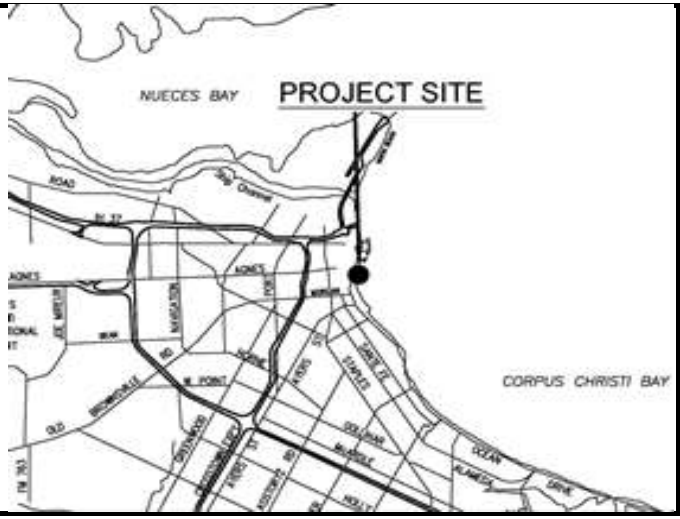
PROJECT DESCRIPTION

DEPARTMENT: **Public Health and Safety** Sequence #19

PROJECT TITLE: McGee Beach Nourishment / Boat Basin Dredging

Consistency with the Comprehensive Plan: Policy Statements pg. 48: 3 & 6

DESCRIPTION:
Proposed improvements consist of dredging shoaled areas within Marina. Dredge material may be used to re-nourish McGee Beach if dredge material quality matches or exceeds existing material at McGee Beach and if beach re-nourishment is needed. A wider beach helps the seawall survive a storm of longer duration or greater intensity and maintains access within Marina.



PROJECT NOTES:	
Project No.	E16321
A/E Consultant:	TBD
Contractor:	TBD
Award Design:	TBD
Award Construction:	TBD
Anticipated Completion:	TBD

FUNDING SCHEDULE (Amount in 000's)

Use of Funds	Project-to-Date Obligations July 2018	Unspent Prior Budget as of July 2018	**CIP Budget Year 1 2018 - 2019**	Year 2 2019 - 2020	Year 3 2020 - 2021	**Future Budget Required (Years 4 - 10)**	**Total Project Value (Amounts in $'s)**
Design & Engineering			**300.0**			100.0	**400,000**
Construction				900.0		1,000.0	**1,900,000**
Contingency				50.0		50.0	**100,000**
Inspection/Other			**200.0**	50.0		50.0	**300,000**
TOTAL:			**500.0**	1,000.0		1,200.0	**$ 2,700,000**
Source of Funds							
Sales Tax Proceeds			**500.0**	1,000.0		1,200.0	**2,700,000**
TOTAL:			**500.0**	1,000.0		1,200.0	**$ 2,700,000**

OPERATIONAL IMPACT:

There is no operational impact with this project.

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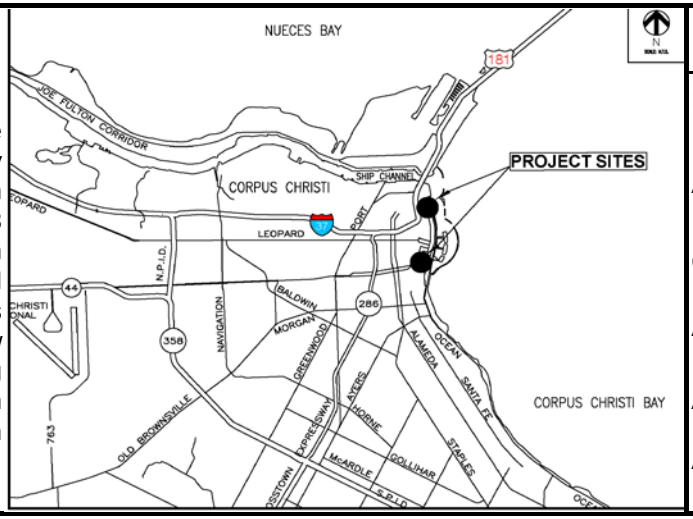
PROJECT DESCRIPTION

DEPARTMENT: **Public Health and Safety** Sequence #20

PROJECT TITLE: Kinney & Power Street Pump Station Improvements

Consistency with the Comprehensive Plan: Policy Statements pg. 48: 3 & 6

DESCRIPTION:
Power Street Pump Station was originally constructed in 1947 as part of the Bayfront Protection. It has 3 pumps with diesel powered motors. Kinney Street Pump Station was also constructed in 1947 and reconstructed in 2009. It has 5 pumps with electric motors that are dependent on 3 generators inside. One redundant pump is located on site. The downtown flood protection system relies on these two pump stations to remove all water from the area during a significant storm event. Preliminary studies have indicated pumping capacity is not adequate to handle rainfall, inflow and wave overtopping during a 100-year storm event. Planned 2D modeling will help better define demands placed on system during significant storm events. This project would enhance reliability and capacity of downtown storm water pumping system.



PROJECT NOTES:

Project No.	E16320
A/E Consultant:	Urban Eng.
Contractor:	TBD
Award Design:	FY 2018
Award Construction:	TBD
Anticipated Completion:	TBD

FUNDING SCHEDULE (Amount in 000's)

Use of Funds	Project-to-Date Obligations July 2018	Unspent Prior Budget as of July 2018	**CIP Budget Year 1 2018 - 2019**	Year 2 2019 - 2020	Year 3 2020 - 2021	**Future Budget Required (Years 4 - 10)**	**Total Project Value (Amounts in $'s)**
Design & Engineering			**300.0**			200.0	**500,000**
Construction			**100.0**	1,500.0	2,500.0	1,500.0	**5,600,000**
Contingency			**10.0**	150.0	250.0	150.0	**560,000**
Inspection/Other			**90.0**	150.0	250.0	150.0	**640,000**
TOTAL:			**500.0**	1,800.0	3,000.0	2,000.0	**$ 7,300,000**
Source of Funds							
Sales Tax Proceeds			**500.0**	1,800.0	3,000.0	2,000.0	**7,300,000**
TOTAL:			**500.0**	1,800.0	3,000.0	2,000.0	**$ 7,300,000**

OPERATIONAL IMPACT:

This project will improve operational efficiencies, save money on electrical costs and reduce flooding in downtown area during heavy rain conditions.

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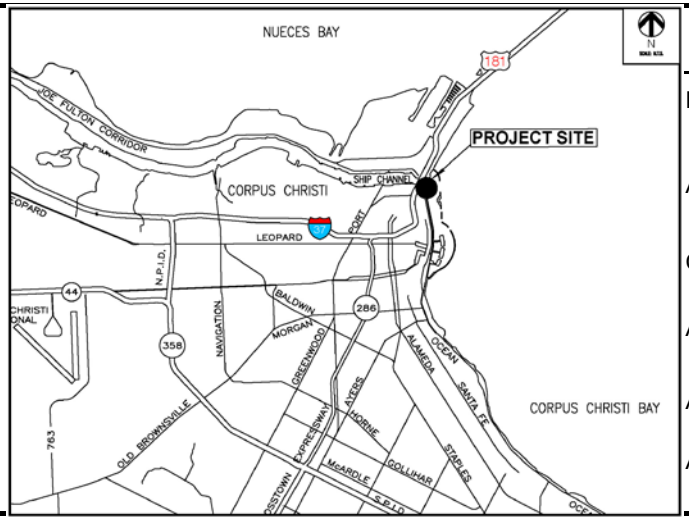
PROJECT DESCRIPTION

DEPARTMENT: **Public Health and Safety** Sequence #21

PROJECT TITLE: Restoration of SEA District Water Features

Consistency with the Comprehensive Plan: Policy Statements pg. 48: 3 & 6

DESCRIPTION:
Project includes civil, electrical and mechanical upgrades for water features in SEA District. Focus will be on attractions that are below grade and electrical and mechanical equipment that has suffered repetitive damage from frequent inundation that may render the features inoperable. Project will replace and relocate equipment to a more suitable above ground structure to enhance efficiency and reliability of these area attractions.



PROJECT NOTES:

Project No.	TBD
A/E Consultant:	TBD
Contractor:	TBD
Award Design:	TBD
Award Construction:	TBD
Anticipated Completion:	TBD

FUNDING SCHEDULE (Amount in 000's)

Use of Funds	Project-to-Date Obligations July 2018	Unspent Prior Budget as of July 2018	**CIP Budget Year 1 2018 - 2019**	Year 2 2019 - 2020	Year 3 2020 - 2021	**Future Budget Required (Years 4 - 10)**	**Total Project Value (Amounts in $'s)**
Design & Engineering			**100.0**				**100,000**
Construction				1,000.0			**1,000,000**
Contingency				100.0			**100,000**
Inspection/Other			**50.0**	150.0			**200,000**
TOTAL:			**150.0**	1,250.0			**$ 1,400,000**
Source of Funds							
Sales Tax Proceeds			**150.0**	1,250.0			**1,400,000**
TOTAL:			**150.0**	1,250.0			**$ 1,400,000**

OPERATIONAL IMPACT:

There is no operational impact with this project.

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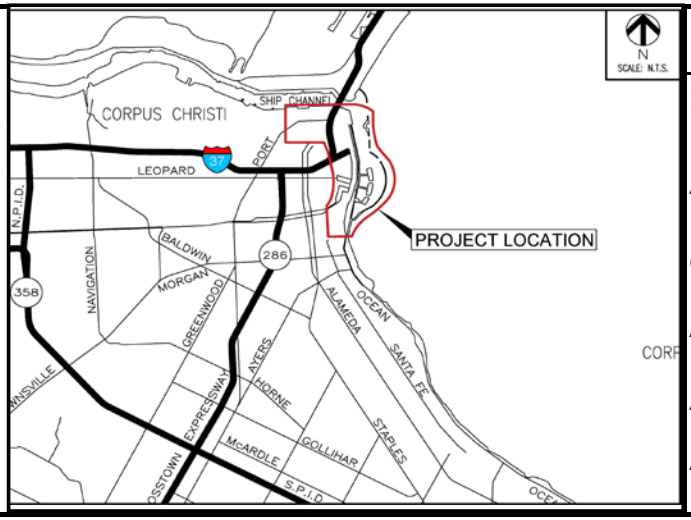
PROJECT DESCRIPTION

DEPARTMENT: **Public Health and Safety** Sequence #22

PROJECT TITLE: Comprehensive Feasibility Study for Seawall

Consistency with the Comprehensive Plan: Policy Statements pg. 48: 3 & 6

DESCRIPTION:
The majority of Seawall CIP projects are based on a feasibility study completed in 2009. Cost estimates are too dated to be useful and project scopes have evolved over time. Additional project needs have been identified since 2009 study and require feasibilty analysis to develop accurate scopes and cost estimates. Project includes workshops with stakeholders to identify project needs. Cash flows are included in years 2 and 3 to expedite potentially urgent projects identified during study phase.



PROJECT NOTES:

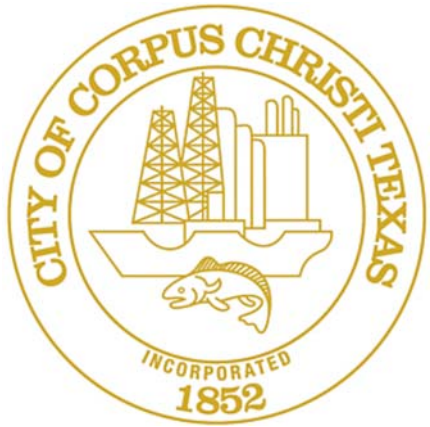
Project No.	TBD
A/E Consultant:	TBD
Contractor:	TBD
Award Design:	TBD
Award Construction:	TBD
Anticipated Completion:	TBD

FUNDING SCHEDULE (Amount in 000's)

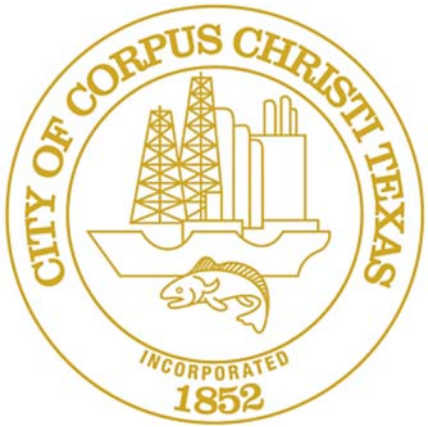
Use of Funds	Project-to-Date Obligations July 2018	Unspent Prior Budget as of July 2018	**CIP Budget Year 1 2018 - 2019**	Year 2 2019 - 2020	Year 3 2020 - 2021	**Future Budget Required (Years 4 - 10)**	**Total Project Value (Amounts in $'s)**
Design & Engineering			**450.0**				**450,000**
Construction				500.0	2,000.0	2,000.0	**4,500,000**
Contingency				50.0	200.0	200.0	**450,000**
Inspection/Other			**50.0**	200.0	300.0	300.0	**850,000**
TOTAL:			**500.0**	750.0	2,500.0	2,500.0	**$ 6,250,000**
Source of Funds							
Sales Tax Proceeds			**500.0**	750.0	2,500.0	2,500.0	**6,250,000**
TOTAL:			**500.0**	750.0	2,500.0	2,500.0	**$ 6,250,000**

OPERATIONAL IMPACT:

There is no operational impact with project.


CITY OF CORPUS CHRISTI TEXAS
INCORPORATED
1852

STREETS


CITY OF CORPUS CHRISTI TEXAS
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CITY OF CORPUS CHRISTI STREETS PROGRAM

Street quality has an impact on every resident, business and visitor to our City. It affects property values, accessibility to businesses, schools, and residential areas and impacts the quality of life of our citizens. The FY 2018 – 2019 Street Capital Improvement Program contains projects that maintain or improve roadway infrastructure, ensure adequate street lighting, comply with the Americans with Disability Act (ADA) requirements and promotes safe and efficient traffic flow.

The Street Improvement Plan (SIP) is a strategy addressing maintenance and repair of the City's entire street system. Residential Street improvements are the final element of the SIP for program development, funding, and execution. Residential Street Rebuild Program (RSRP) was authorized as part of the Bond 2016 General Obligation Bond package. Over 50% of the City's residential streets are in poor condition, and the RSRP is the first step towards addressing the situation. Finalization of street selection criteria, evaluation matrix and process steps ("RSRP Guiding Principles") are complete and the Work Plan was approved by City Council. Test Projects are near completion and data from these projects will be used for better pricing information and construction sequencing.

Certificates of Obligation approved in 2016 will be utilized for the continuation of three Bond 2014 projects. City Council approved funding for Rodd Field Road and Yorktown Intersection, Bond Street Lighting Improvements, and Six Points Intersection Improvements. These improvements include project construction enhancements, providing traffic and pedestrian safety for key locations.

The Fiscal Year 2019 Street Capital Improvement Program focuses heavily on construction of the remaining projects approved in the 2014 and 2012 Bond Elections. Both propositions require utility upgrades to complete the program. These costs are incorporated in the street bid packages and utility costs are included in the street CIP section.

The City of Corpus Christi continues to maximize project funding by actively seeking joint participation with other governmental entities to complete street projects with a maximum benefit for citizens. Significant financial participation

has been secured through the Metropolitan Planning Organization (MPO) from Federal Highway Administration and Texas Department of Transportation (TxDOT) funding.

Included in this year's Street Program are ***proposed*** 2018 General Obligation Street Bond Proposition A and Street Bond Proposition B packages. Proposition A focuses on the reconstruction and improvements of arterials and collectors throughout the City. Proposition B includes the reconstruction and improvements of additional collectors and arterials, as well as projects specific to the Downtown and Padre Island areas. These packages could be submitted to city voters in a November 2018 Bond Election.

The Street Capital Improvement Program includes the specific financial details of the required utility adjustments to reflect the total project cost and capital value of each project. **Funding for many of the projects currently under design and construction was secured in previous years. Current funding shown is for new money and/or obligations required to complete approved projects.**

A recap of the budgeted expenditures includes:

	YEAR ONE 2018 – 2019	YEAR TWO 2019 – 2020	YEAR THREE 2020 - 2021
TOTAL PROGRAMMED EXPENDITURES:	**$ 64,218,500**	**$ 94,986,500**	**$ 53,944,800**
AVAILABLE FUNDING:			
Bond Issue 2008 Proceeds	**$ 5,900,000**	$ 0	$ 0
Bond Issue 2004 Proceeds	**$ 1,158,000**	$ 0	$ 0
Texas Department of Transportation	**$ 960,000**	$ 0	$ 0
RECOMMENDED ADDITIONAL FUNDING:			
Revenue Bonds	**$ 43,005,700**	$ 50,757,600	$ 24,660,200
Type B Sales Tax	**$ 5,315,000**	$ 5,535,000	$ 0
Developer Participation	**$ 800,000**	$ 0	$ 0
*Community Development Block Grant Funds	**$ 1,334,400**	$ 0	$ 0
**Proposed Bond 2018 Street Obligation Bonds	**$ 5,745,400**	$ 38,693,900	$ 29,284,600
TOTAL PROGRAMMED FUNDS:	**$ 64,218,500**	**$ 94,986,500**	**$ 53,944,800**

*Pending receipt of HUD funding
**Pending voter-approval in November 2018 Bond Election

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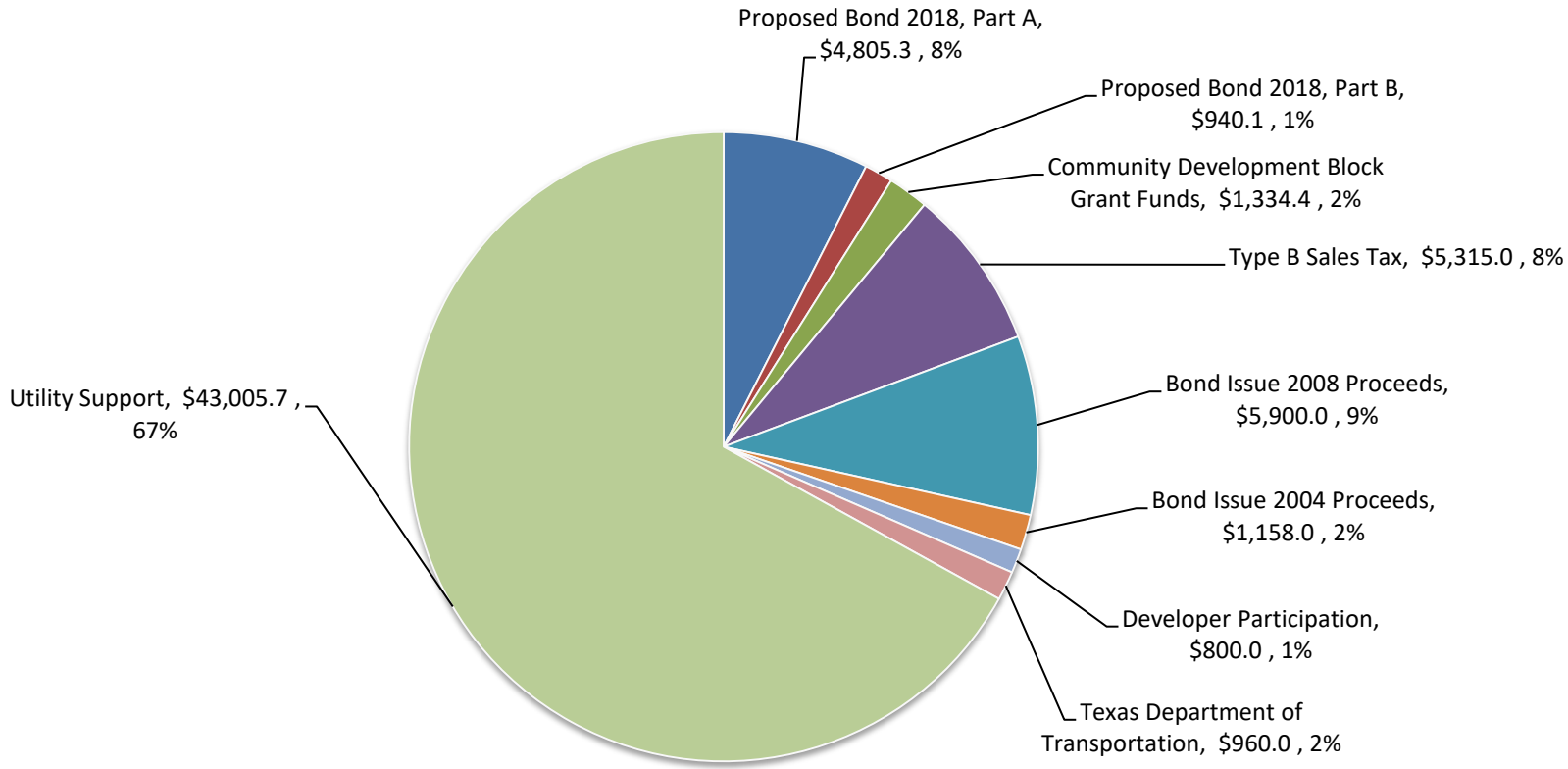
Streets
Annual CIP: $64,218.5
(Amounts in 000's)



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STREETS
SHORT-RANGE CIP
(Amounts in 000's)

Seq #	Project Name	Project-to-Date Obligations July 2018	Unspent Prior Budget as of July 2018	Uncertified Obligation Remaining	**CIP Budget Year 1 2018 - 2019**	Year 2 2019 - 2020	Year 3 2020 - 2021	**Three Year Total**
PROPOSED **STREET BOND 2018 - GENERAL BOND OBLIGATION**								
ST 01	***Proposed*** **General Obligation Street Bond - Proposition A** Finance and Engineering Number: Various		1,931.3		**11,716.4**	60,790.4	37,357.5	**109,864.3**
ST 02	***Proposed*** **General Obligation Street Bond - Proposition B** Finance and Engineering Number: Various				**1,442.3**	16,055.6	15,419.3	**32,917.2**
STREET BOND 2016 - GENERAL OBLIGATION AND CERTIFICATES OF OBLIGATION								
ST 03	**Residential Street Rebuild Program** Finance and Engineering Number: E17019	866.6	10,633.4					
ST 04	**ADA Improvements** Finance and Engineering Number: E17037	38.2	2,461.8					
ST 05	**Texas Department of Transportation Participation Projects (Includes Bonds 2016, 2014 and 2012)** Finance and Engineering Number: E17038	2,870.6	3,129.4					
ST 06	**Developer Participation Projects (Bonds 2016 and 2012)** Finance and Engineering Number: Various	2,514.1	3,013.7					
ST 07	**Six Points Intersection Improvements** Finance and Engineering Number: E17036	58.8	3,691.2		**678.0**			**678.0**
ST 08	**Street Lighting** Finance and Engineering Number: E17027	86.2	1,913.8					

***Total costs shown includes utilities**

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STREETS
SHORT-RANGE CIP
(Amounts in 000's)

Seq #	Project Name	Project-to-Date Obligations July 2018	Unspent Prior Budget as of July 2018	Uncertified Obligation Remaining	**CIP Budget Year 1 2018 - 2019**	Year 2 2019 - 2020	Year 3 2020 - 2021	**Three Year Total**
STREET BOND 2014 - PROPOSITION 1 & 8 PROJECTS								
ST 9	**Gollihar Road - South Staples Street to Weber Road** Finance and Engineering Number: E13087	11,750.7	975.1	382.6				
ST 10	**Gollihar Road - Carroll Lane to Kostoryz** Finance and Engineering Number: E13089	7,856.6	537.9	605.4	**230.0**			**230.0**
ST 11	**Morgan Avenue - Ocean Drive to South Staples Street** Finance and Engineering Number: E13090	755.3	2,244.9		**3,341.5**			**3,341.5**
ST 12	**Corona Drive - Flynn Parkway to Everhart** Finance and Engineering Number: E13091	5,601.1	485.8					
ST 13	**Yorktown Boulevard - Everhart Road to South Staples Street** Finance and Engineering Number: E13096	9,452.8	869.6	780.8	**470.0**			**470.0**
ST 14	**Carroll Lane - Houston to McArdle Road** Finance and Engineering Number: E13097	6,946.8	590.4					
ST 15	**Old Robstown Road, State Highway 44 to Leopard Street** Finance and Engineering Number: E13098	6,323.1	17.7					
ST 16	**Ayers Street - Pedestrian Improvements and Turn Lane Addition** Finance and Engineering Number: E15106	945.1	1,011.4		**3,548.0**			**3,548.0**
ST 17	**Chaparral Street Phase 2 Schatzel to Taylor** Finance and Engineering Number: E15107	5,807.9	447.2					

***Total costs shown includes utilities**

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STREETS
SHORT-RANGE CIP
(Amounts in 000's)

Seq #	Project Name	Project-to-Date Obligations July 2018	Unspent Prior Budget as of July 2018	Uncertified Obligation Remaining	**CIP Budget Year 1 2018 - 2019**	Year 2 2019 - 2020	Year 3 2020 - 2021	**Three Year Total**
ST 18	**Traffic Signal and Lighting Improvements - City Wide** Finance and Engineering Number: E15113	3,326.5	1,673.5					
ST 19	**Rodd Field Road Expansion - Saratoga to Yorktown (Includes Bond 2016 Intersection Improvements)** Finance and Engineering Number: E15112	1,531.3	12,297.7		**2,792.5**	2,792.5		**5,585.0**
ST 20	**Downtown Street Traffic Signal and Area Improvements** Finance and Engineering Number: E15108	559.6	3,327.3					
ST 21	**Flato Road - Agnes to Bates** Finance and Engineering Number: E15110	671.6	2,828.4		**2,207.0**			**2,207.0**
ST 22	**Downtown Road and Streetscape Improvements** Finance and Engineering Number: E15098	257.1	1,242.9					
STREET BOND 2012 PROJECTS								
ST 23	**South Staples Street - Brawner Parkway to Kostoryz Road** Finance and Engineering Number: E12095	11,254.3	751.7	667.5				
ST 24	**Morgan Avenue - South Staples Street to Crosstown Freeway** Finance and Engineering Number: E12101	578.6	2,712.4		**2,956.5**			**2,956.5**
ST 25	**Twigg Street - Shoreline Boulevard to Lower Broadway** Finance and Engineering Number: E12102	433.8	781.2				1,168.0	**1,168.0**
ST 26	**Leopard Street - Crosstown Freeway to Palm Drive** Finance and Engineering Number: E12103	681.8	3,779.7		**3,057.0**			**3,057.0**

***Total costs shown includes utilities**

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STREETS
SHORT-RANGE CIP
(Amounts in 000's)

Seq #	Project Name	Project-to-Date Obligations July 2018	Unspent Prior Budget as of July 2018	Uncertified Obligation Remaining	**CIP Budget Year 1 2018 - 2019**	Year 2 2019 - 2020	Year 3 2020 - 2021	**Three Year Total**
ST 27	**Holly Road - Crosstown Freeway to Greenwood Drive** Finance Number: 170371 Engineering Number: 6470	2,547.8	1,464.0		**3,788.0**			**3,788.0**
ST 28	**SeaTown Pedestrian Improvements** Finance and Engineering Number: E12134	386.7	113.3		**1,048.8**			**1,048.8**
ST 29	**North Beach Area Road Improvements and Area Beautification** Finance and Engineering Number: E12127	372.2	402.2		**27.1**			**27.1**
ST 30	**North Beach Breakwater Plaza, North Shoreline Repair and Enhancement** Finance and Engineering Number: E12129	309.7	886.7		**427.5**			**427.5**
STREET BOND 2004								
ST 31	**Park Road 22 Bridge** Finance Number: 170062 Engineering Number: 6281	1,598.2	79.1		**7,058.0**			**7,058.0**
COMMUNITY DEVELOPMENT BLOCK GRANT FUNDS								
ST 32	**Sunnybrook Road Sidewalk Improvements, Phase 1** Finance and Engineering Number: TBD				**521.0**			**521.0**
ST 33	**Sunnybrook Road Sidewalk Improvements, Phase 2** Finance and Engineering Number: TBD				**521.0**			**521.0**
ST 34	**Poth Lane Sidewalk Improvements, Phase 1** Finance and Engineering Number: TBD				**371.3**			**371.3**
ST 35	**Poth Lane Sidewalk Improvements, Phase 2** Finance and Engineering Number: TBD				**371.3**			**371.3**

***Total costs shown includes utilities**

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STREETS
SHORT-RANGE CIP
(Amounts in 000's)

Seq #	Project Name	Project-to-Date Obligations July 2018	Unspent Prior Budget as of July 2018	Uncertified Obligation Remaining	**CIP Budget Year 1 2018 - 2019**	Year 2 2019 - 2020	Year 3 2020 - 2021	**Three Year Total**
STREET TYPE B SALES TAX								
ST 36	**Everhart Rd - Holly to South Padre Island Dr** Finance and Engineering Number: 18014A	1,123.7			**8,118.8**	4,993.8		**13,112.6**
ST 37	**Slough Rd - Rodd Field to Amethyst Dr** Finance and Engineering Number: 18042A	749.2			**3,955.0**	1,245.0		**5,200.0**
ST 38	**Holly Rd - Rodd Field to Ennis Joslin** Finance and Engineering Number: 18021A	1,092.9			**5,571.5**	9,109.2		**14,680.7**
	Program Total:	**89,348.9**	**66,294.7**	**2,436.3**	**64,218.5**	**94,986.5**	**53,944.8**	**213,149.8**
	CURRENTLY AVAILABLE FUNDING:							
	Bond Issue 2016 General Obligation Bonds	1,008.9	21,241.1					-
	Bond Issue 2016 Certificates of Obligation	145.0	5,605.0					-
	Bond Issue 2014 General Obligation Bonds	37,127.8	24,615.7					-
	Tax Notes	3,801.7						-
	Bond Issue 2012 General Obligation Bonds	5,421.1	3,522.0					-
	Bond Issue 2012 Certificates of Obligation	7,182.0	7,899.9					-
	Bond Issue 2008 Proceeds	2,049.2	500.9		**5,900.0**			**5,900.0**
	Bond Issue 2004 Proceeds	1,514.5	79.1		**1,158.0**			**1,158.0**
	Texas Department of Transportation	546.8			**960.0**			**960.0**
	Donation		50.0					-
	Revenue Bond	30,551.9	1,745.0					-
	Total Currently Available:	**89,348.9**	**65,258.7**		**8,018.0**			**8,018.0**

***Total costs shown includes utilities**

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STREETS
SHORT-RANGE CIP
(Amounts in 000's)

Seq #	Project Name	Project-to-Date Obligations July 2018	Unspent Prior Budget as of July 2018	Uncertified Obligation Remaining	**CIP Budget Year 1 2018 - 2019**	Year 2 2019 - 2020	Year 3 2020 - 2021	**Three Year Total**
	RECOMMENDED ADDITIONAL FUNDING:							
	Revenue Bond			2,436.3	**43,005.7**	**50,757.6**	**24,660.2**	**118,423.5**
	Street CIP Reserves		1,036.0					**-**
	Developer Participation				**800.0**			**800.0**
	Type B Sales Tax				**5,315.0**	**5,535.0**		**10,850.0**
	Proposed Bond 2018 Street General Obligation Bond				**5,745.4**	**38,693.9**	**29,284.6**	**73,723.9**
	Community Development Block Grant Funds				**1,334.4**			**1,334.4**
	Total Funding Source:	**89,348.9**	**66,294.7**	**2,436.3**	**64,218.5**	**94,986.5**	**53,944.8**	**213,149.8**

***Total costs shown includes utilities**

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PROJECT DESCRIPTION

Proposed **General Obligation Bond 2018 Proposition A: STREETS** Sequence #01

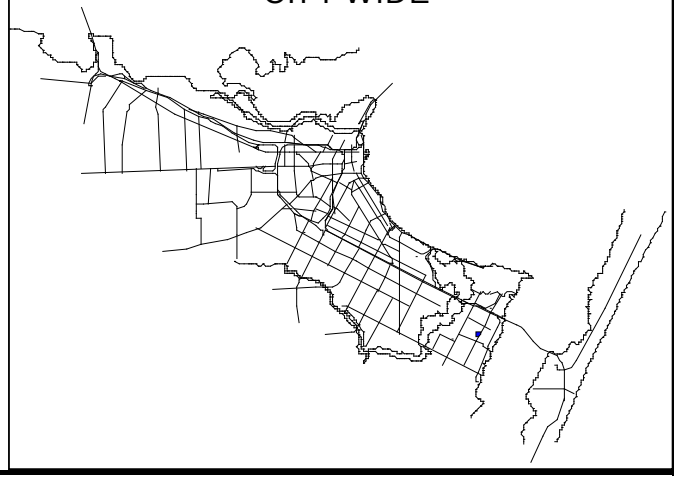
PROJECT TITLE: ***Proposed*** General Obligation Street Bond - Proposition A

Consistency with the Comprehensive Plan; Policy Statements pp. 25-32; Transportation Master Plan

DESCRIPTION:

This proposition focuses on the reconstruction and improvements of arterials and collectors throughout the City. It also provides funding for transportation-related improvements such as traffic signals, street lighting, Texas Department of Transportation participation projects, etc. These projects are dependant upon voter-approval in the November 2018 Bond Election.

CITY WIDE



PROJECT NOTES:

Project No:	Various
A/E Consultant:	Various
Contractor:	Various
Award Design:	On-Going
Award Construction:	On-Going
Anticipated Completion:	On-Going

FUNDING SCHEDULE (Amount in 000's)

Use of Funds	Project-to-Date Obligations July 2018	Unspent Prior Budget as of July 2018	**CIP Budget Year 1 2018 - 2019**	Year 2 2019 - 2020	Year 3 2020 - 2021	**Future Budget Required (Years 4 - 10)**	**Total Project Value (Amounts in $'s)**
STREETS		1,036.0	**4,805.3**	28,228.8	18,689.8	276.1	**53,036,000**
WATER		895.3	**3,710.1**	9,056.0	4,294.3	44.1	**17,999,800**
WASTEWATER			**1,067.0**	7,768.5	4,294.3	44.1	**13,173,900**
STORM WATER			**1,920.6**	14,163.4	9,220.3	79.2	**25,383,500**
GAS			**213.4**	1,573.7	858.8	8.8	**2,654,700**
TOTAL:		1,931.3	**11,716.4**	60,790.4	37,357.5	452.3	**$ 112,247,900**
Source of Funds							
Street CIP Reserves		1,036.0					**1,036,000**
Bond Issue 2018 GO's			**4,805.3**	28,228.8	18,689.8	276.1	**52,000,000**
Revenue Bonds		895.3	**6,911.1**	32,561.6	18,667.7	176.2	**59,211,900**
TOTAL:		1,931.3	**11,716.4**	60,790.4	37,357.5	452.3	**$ 112,247,900**

OPERATIONAL IMPACT:

There is no direct operational budget impact. These projects will improve the road and accommodate heavier traffic flows and provide a safer driving experience.

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PROJECT DESCRIPTION

Proposed **General Obligation Bond 2018 Proposition B: STREETS** Sequence #02

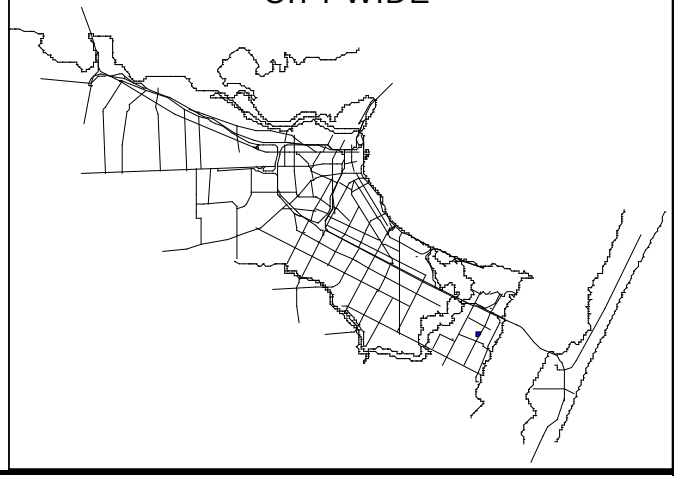
PROJECT TITLE: ***Proposed*** General Obligation Street Bond - Proposition B

Consistency with the Comprehensive Plan; Policy Statements pp. 25-32; Transportation Master Plan

DESCRIPTION:

This proposition provides for the reconstruction or improvement of additional collectors and arterials, as well as projects specific to the Downtown and Padre Island areas. These projects are dependent upon voter-approval in the November 2018 Bond Election.

CITY WIDE



PROJECT NOTES:

Project No:	Various
A/E Consultant:	Various
Contractor:	Various
Award Design:	On-Going
Award Construction:	On-Going
Anticipated Completion:	On-Going

FUNDING SCHEDULE (Amount in 000's)

Use of Funds	Project-to-Date Obligations July 2018	Unspent Prior Budget as of July 2018	**CIP Budget Year 1 2018 - 2019**	Year 2 2019 - 2020	Year 3 2020 - 2021	**Future Budget Required (Years 4 - 10)**	**Total Project Value (Amounts in $'s)**
STREETS			**940.1**	10,465.1	10,594.8		**22,000,000**
WATER			**502.2**	1,659.9	1,206.1		**3,368,200**
WASTEWATER				1,310.2	1,206.1		**2,516,300**
STORM WATER				2,358.3	2,171.1		**4,529,400**
GAS				262.1	241.2		**503,300**
TOTAL:			**1,442.3**	16,055.6	15,419.3		**$ 32,917,200**
Source of Funds							
Bond Issue 2018 GO's			**940.1**	10,465.1	10,594.8		**22,000,000**
Revenue Bonds			**502.2**	5,590.5	4,824.5		**10,917,200**
TOTAL:			**1,442.3**	16,055.6	15,419.3		**$ 32,917,200**

OPERATIONAL IMPACT:

There is no direct operational budget impact. These projects will improve the road and accommodate heavier traffic flows and provide a safer driving experience.

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PROJECT DESCRIPTION

General Obligation Bond 2016: STREETS Sequence #03

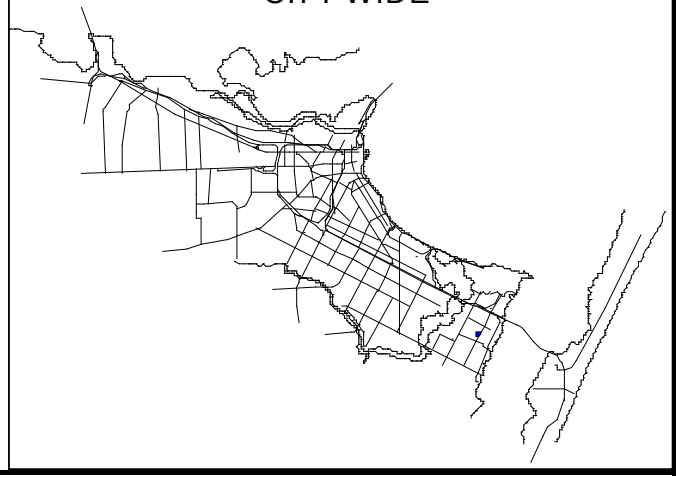
PROJECT TITLE: Residential Street Rebuild Program (RSRP)

Consistency with the Comprehensive Plan; Policy Statements pp. 25-32; Transportation Master Plan

DESCRIPTION:

The Street Improvement Plan (SIP) is a strategy addressing maintenance and repair of the entire street system. Residential Street improvements are the final element of the SIP for program development, funding, and execution. Staff has developed a citywide Residential Street Rebuild Program (RSRP) and Council passed a resolution approving Test Projects for better pricing information and construction sequencing data. The Bond 2016 RSRP was approved on November 8, 2016 for $11 million. Finalization of street selection criteria, evaluation matrix and process steps ("RSRP Guiding Principles") are complete and the Work Plan was approved by City Council on October 31, 2017. Construction should begin Summer of 2018.

CITY WIDE



PROJECT NOTES:

Project No:	E17019
A/E Consultant:	Hanson Prof. Serv., Inc.
Contractor:	TBD
Award Design:	June 2017
Award Construction:	June 2018
Anticipated Completion:	Mar 2019

FUNDING SCHEDULE (Amount in 000's)

Use of Funds	Project-to-Date Obligations July 2018	Unspent Prior Budget as of July 2018	**CIP Budget Year 1 2018 - 2019**	Year 2 2019 - 2020	Year 3 2020 - 2021	**Future Budget Required (Years 4 - 10)**	**Total Project Value (Amounts in $'s)**
STREETS	866.6	10,633.4					11,500,000
TOTAL:	866.6	10,633.4					**$ 11,500,000**
Source of Funds							
Bond Issue 2008 Reserves	-	500.0					500,000
Bond Issue 2016 GO's	866.6	10,133.4					11,000,000
TOTAL:	866.6	10,633.4					**$ 11,500,000**

OPERATIONAL IMPACT:

There is no direct operational budget impact. This project will improve the road and accommodate heavier traffic flows and provide a safer driving experience.

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PROJECT DESCRIPTION

General Obligation Bond 2016: STREETS Sequence #04

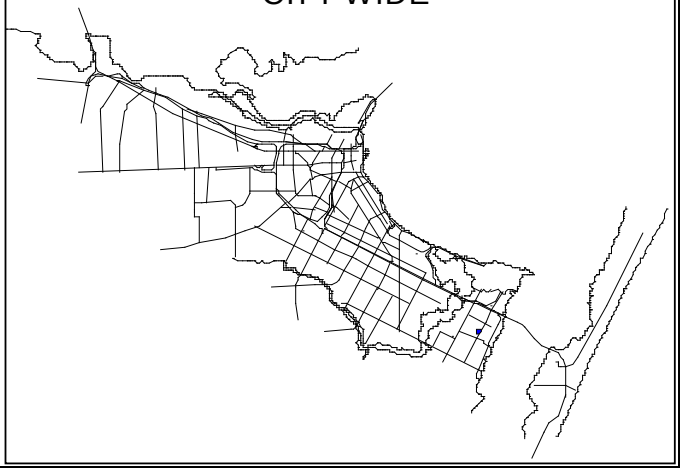
PROJECT TITLE: ADA Improvements

Consistency with the Comprehensive Plan; Policy Statements pp. 25-32; Transportation Master Plan

DESCRIPTION:

This project provides for continuation of City-wide ADA Accessibility improvements. The primary work and funds ($2.3M) are dedicated to the Street Preventative Maintenance Program (SPMP) project to maximize resources and the City's overall Street Improvement Plan (SIP). The remaining funds ($200K) are planned for individual projects that will be prioritized in a workplan and coordinated with Committee for Persons with Disabilities and City Council. Some individual projects are also planned as City match to leverage additional state and federal funds through grant and other agency programs.

CITY WIDE



PROJECT NOTES:

Project No:	E17037
A/E Consultant:	N/A
Contractor:	N/A
Award Design:	N/A
Award Construction:	N/A
Anticipated Completion:	N/A

FUNDING SCHEDULE (Amount in 000's)

Use of Funds	Project-to-Date Obligations July 2018	Unspent Prior Budget as of July 2018	**CIP Budget Year 1 2018 - 2019**	Year 2 2019 - 2020	Year 3 2020 - 2021	**Future Budget Required (Years 4 - 10)**	**Total Project Value (Amounts in $'s)**
STREETS	38.2	2,461.8					2,500,000
TOTAL:	38.2	2,461.8					
Source of Funds							
Bond Issue 2016 GO's	38.2	2,461.8					2,500,000
TOTAL:	38.2	2,461.8					**$ 2,500,000**

OPERATIONAL IMPACT:

There is no direct operational budget impact. ADA improvements are a requirement for all street construction.

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PROJECT DESCRIPTION

General Obligation Bonds: STREETS Sequence #05

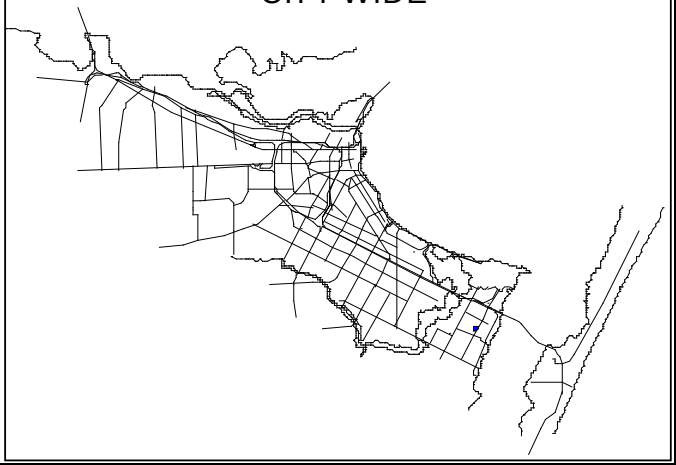
PROJECT TITLE: Texas Department of Transportation Participation Projects

Consistency with the Comprehensive Plan; Policy Statements pp. 25-32; Transportation Master Plan

DESCRIPTION:

These projects provide continuation of program to obtain matching funds and leverage State and Federal funding. Current projects include new signalized intersection at PR 22 and Aquarius, MPO Regional Parkway Study, North Padre Island Access Management Study, Highway Safety Improvement Program (HSIP) and infrastructure transportation related projects including new bicycle and pedestrian improvements. The bicycle and pedestrian infrastructure improvements will be in accordance with Strategic Plan for Active Mobility to create mobility options by strengthening walkable and/or bikeable connections to key destinations. Funding is available from Bond Issues in 2012, 2014 and 2016.

CITY WIDE



PROJECT NOTES:

Project No:	E17038
	Various
A/E Consultant:	N/A
Contractor:	N/A
Award Design:	N/A
Award Construction:	N/A
Anticipated Completion:	N/A

FUNDING SCHEDULE (Amount in 000's)

Use of Funds	Project-to-Date Obligations July 2018	Unspent Prior Budget as of July 2018	**CIP Budget Year 1 2018 - 2019**	Year 2 2019 - 2020	Year 3 2020 - 2021	**Future Budget Required (Years 4 - 10)**	**Total Project Value (Amounts in $'s)**
STREETS	2,870.6	3,129.4					**$ 6,000,000**
TOTAL:	2,870.6	3,129.4					**$ 6,000,000**
Source of Funds							
Bond Issue 2016 GO's	33.5	2,316.5					2,350,000
Bond Issue 2014	1,773.3	726.7					2,500,000
Bond Issue 2012	1,063.8	86.2					1,150,000
TOTAL:	2,870.6	3,129.4					**$ 6,000,000**

OPERATIONAL IMPACT:

There is no direct operational budget impact. Bond issues will leverage city funding to construct larger projects.

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PROJECT DESCRIPTION

General Obligation Bonds: STREETS Sequence #06

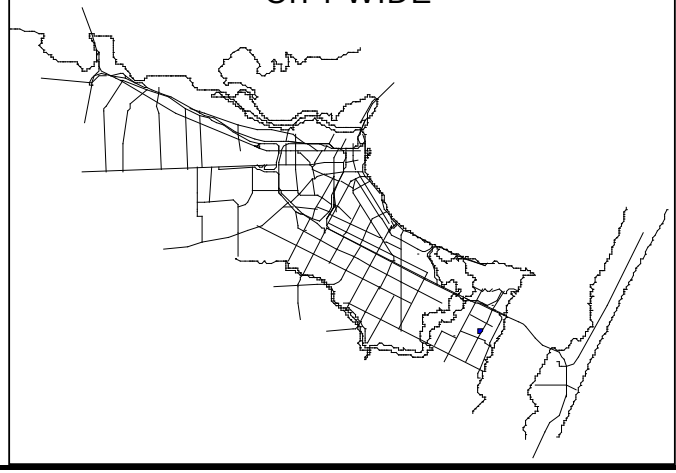
PROJECT TITLE: Developer Participation Projects

Consistency with the Comprehensive Plan; Policy Statements pp. 25-32; Transportation Master Plan

DESCRIPTION:

These projects provide funding for the City's share of street and bridge construction projects associated with new developments when the Unified Development Code (UDC) requires City participation. This helps the City ensure that public interest is served by upgrading collector and arterial street infrastructure within new developments and conform with adopted City Master Plans. Funding is available from Bond Issues 2012 and 2016.

CITY WIDE



PROJECT NOTES:

Project No:	Various
A/E Consultant:	Various
Contractor:	N/A
Award Design:	N/A
Award Construction:	N/A
Anticipated Completion:	N/A

FUNDING SCHEDULE (Amount in 000's)

Use of Funds	Project-to-Date Obligations July 2018	Unspent Prior Budget as of July 2018	**CIP Budget Year 1 2018 - 2019**	Year 2 2019 - 2020	Year 3 2020 - 2021	**Future Budget Required (Years 4 - 10)**	**Total Project Value (Amounts in $'s)**
STREETS	2,514.1	3,013.7					5,527,800
TOTAL:	2,514.1	3,013.7					**$ 5,527,800**
Source of Funds							
Bond Issue 2016 GO's		2,500.0					2,500,000
Bond Issue 2012	2,514.1	513.7					3,027,800
TOTAL:	2,514.1	3,013.7					**$ 5,527,800**

OPERATIONAL IMPACT:

There is no direct operational budget impact. These projects will improve the road and accommodate heavier traffic flows and provide a safer driving experience.

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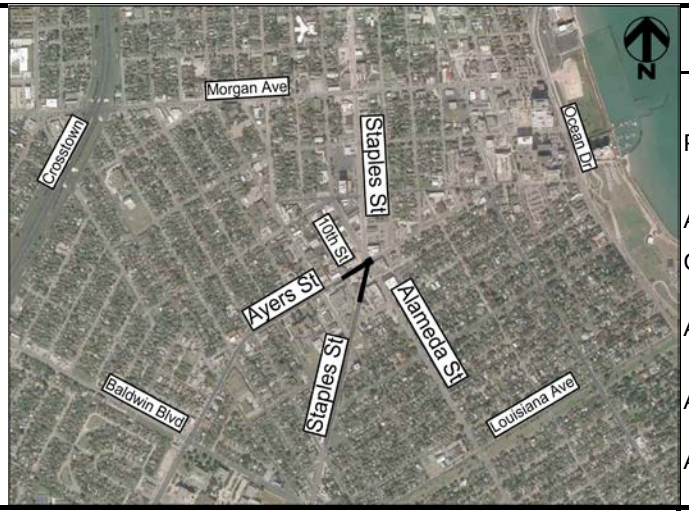
PROJECT DESCRIPTION

Certificate Obligation Bond 2016: STREETS Sequence #07

PROJECT TITLE: Six Points Intersection Improvements

Consistent with the Comprehensive Plan

DESCRIPTION:
This is a continuation of Bond 2012 and 2014 that fully reconstructs the 6-Points Intersection and improves traffic signal sequencing with upgraded traffic signals, ADA ramps, curb and gutter, sidewalks, signage and pavement markings. Utility upgrades for water, storm water, wastewater, and gas are necessary to finalize connections with other bond street repairs. Project will be coordinated with RTA Transfer Station future planning and requirements.



PROJECT NOTES:

Project No:	E17036
A/E Consultant:	FNI
Contractor:	TBD
Award Design:	FY 2018
Award Construction:	TBD
Anticipated Completion:	TBD

FUNDING SCHEDULE (Amount in 000's)

Use of Funds	Project-to-Date Obligations July 2018	Unspent Prior Budget as of July 2018	**CIP Budget Year 1 2018 - 2019**	Year 2 2019 - 2020	Year 3 2020 - 2021	**Future Budget Required (Years 4 - 10)**	**Total Project Value (Amounts in $'s)**
STREETS	58.8	3,691.2					3,750,000
STORM WATER			**350.0**				350,000
WASTEWATER			**186.0**				186,000
WATER			**137.0**				137,000
GAS			**5.0**				5,000
TOTAL:	58.8	3,691.2	**678.0**				**$ 4,428,000**
Source of Funds							
Bond Issue 2016 CO's	58.8	3,691.2					3,750,000
Revenue Bonds			**678.0**				678,000
TOTAL:	58.8	3,691.2	**678.0**				**$ 4,428,000**

OPERATIONAL IMPACT:

There is no direct operational budget impact. This project will improve the road and accommodate heavier traffic flows and provide a safer driving experience.

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PROJECT DESCRIPTION

Certificate Obligation Bond 2016: STREETS Sequence #08

PROJECT TITLE: Street Lighting Improvements

Consistent with the Comprehensive Plan

DESCRIPTION:

This is an on-going Bond 2014 approved package to provide street lighting upgrades to selected citywide Bond streets currently in design and construction. Street projects include Rodd Field Road Expansion (Saratoga - Yorktown); Ennis Joslin Extension (Holly - Williams); Old Robstown Road (HWY 44 - Leopard) and other projects as funding allows. All work is coordinated with AEP and includes design and construction elements for new concrete poles, lighting fixtures, conduit and ground boxes to provide lighting to back of the sidewalks.

PROJECT NOTES:

Project No:	E17027
A/E Consultant:	MBITS
Contractor:	Various
Award Design:	May 2017
Award Construction:	On-Going
Anticipated Completion:	On-Going

FUNDING SCHEDULE (Amount in 000's)

Use of Funds	Project-to-Date Obligations July 2018	Unspent Prior Budget as of July 2018	**CIP Budget Year 1 2018 - 2019**	Year 2 2019 - 2020	Year 3 2020 - 2021	**Future Budget Required (Years 4 - 10)**	**Total Project Value (Amounts in $'s)**
STREETS	86.2	1,913.8					2,000,000
TOTAL:	86.2	1,913.8					**$ 2,000,000**
Source of Funds							
Bond Issue 2016 CO's	86.2	1,913.8					2,000,000
TOTAL:	86.2	1,913.8					**$ 2,000,000**

OPERATIONAL IMPACT:

This project will improve safety conditions and provide a safer driving experience.

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PROJECT DESCRIPTION

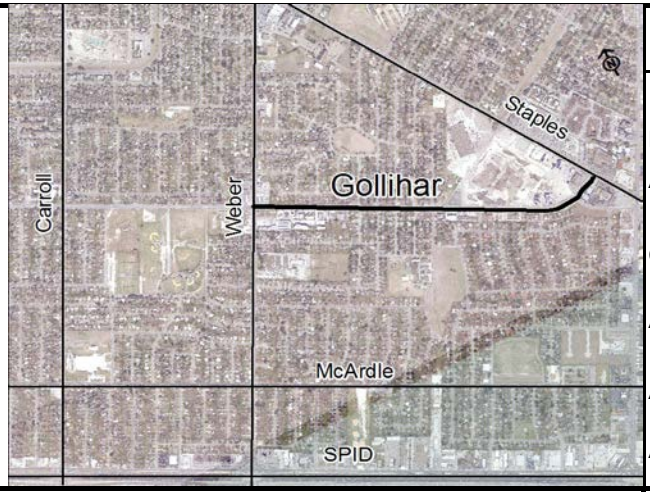
Bond 2014 Proposition One: STREETS Sequence #09

PROJECT TITLE: Gollihar Road - South Staples Street to Weber Road

Consistency with the Comprehensive Plan; Policy Statements pp. 25-32; Transportation Master Plan

DESCRIPTION:

This project includes full depth reconstruction of existing 5-lane roadway and continuous center turn-lane with new curb and gutter, sidewalks, ADA ramps and pavement markings. Utility improvements include water, wastewater, storm water and gas. Gas improvements will be installed by City Gas Department. This project includes off-street cycle tracks on both sides in accordance with the Metropolitan Planning Organization. New or upgraded traffic signal and pedestrian push-button will improve Weber Road intersection.



PROJECT NOTES:

Project No: E13087
A/E Consultant: Hanson Prof. Services
Contractor: Bay Ltd.
Award Design: Jan 2014
Award Construction: Mar 2017
Anticipated Completion: May 2019

FUNDING SCHEDULE (Amount in 000's)

Use of Funds	Project-to-Date Obligations July 2018	Unspent Prior Budget as of July 2018	Uncertified Obligation Remaining	**CIP Budget Year 1 2018 - 2019**	Year 2 2019 - 2020	Year 3 2020 - 2021	**Future Budget Required (Years 4 - 10)**	**Total Project Value (Amounts in $'s)**
STREETS	6,166.2	966.4						7,132,600
STORM WATER	3,631.3	8.7						3,640,000
WASTEWATER	399.3							399,300
WATER	1,475.2		382.6					1,857,800
GAS	78.7							78,700
TOTAL:	11,750.7	975.1	382.6					**$ 13,108,400**
Source of Funds								
Bond Issue 2014	5,448.8	966.4						6,415,200
Tax Notes	717.4							717,400
Revenue Bonds	5,584.5	8.7	382.6					5,975,800
TOTAL:	11,750.7	975.1	382.6					**$ 13,108,400**

OPERATIONAL IMPACT:

There is no direct operational budget impact. This project will replace aging utilities where applicable, improve the road to accommodate heavier traffic flows and provide a safer driving experience.

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PROJECT DESCRIPTION

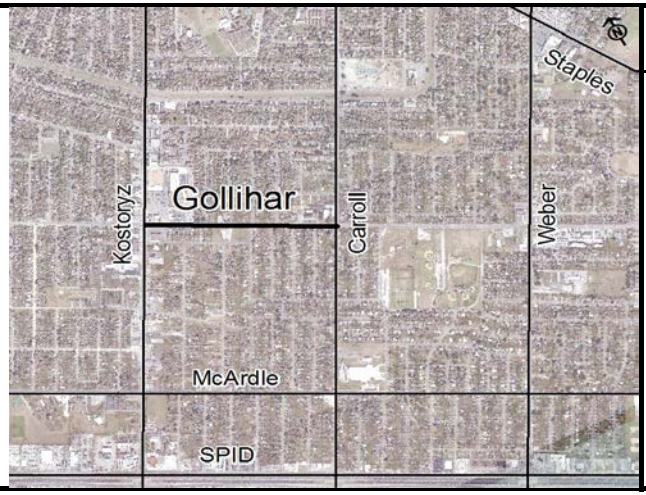
Bond 2014 Proposition One: STREETS Sequence #10

PROJECT TITLE: Gollihar Road - Carroll Lane to Kostoryz

Consistency with the Comprehensive Plan; Policy Statements pp. 25-32; Transportation Master Plan

DESCRIPTION:

This project includes full depth reconstruction of existing 5-lane roadway and continuous center turn-lane with new curb and gutter, sidewalks, ADA ramps and pavement markings. Utility improvements include water, wastewater, storm water and gas. Gas improvements will be installed by City Gas Department. This project includes off-street cycle tracks on both sides in accordance with the Metropolitan Planning Organization. Traffic signal, illumination and pedestrian push-button will improve Carroll Lane intersection.



PROJECT NOTES:

Project No: E13089
A/E Consultant: LJA Engineering, Inc.
Contractor: Haas-Anderson Con, Ltd.
Award Design: Feb 2014
Award Construction: Feb 2017
Anticipated Completion: May 2019

FUNDING SCHEDULE (Amount in 000's)

Use of Funds	Project-to-Date Obligations July 2018	Unspent Prior Budget as of July 2018	Uncertified Obligation Remaining	**CIP Budget Year 1 2018 - 2019**	Year 2 2019 - 2020	Year 3 2020 - 2021	**Future Budget Required (Years 4 - 10)**	**Total Project Value (Amounts in $'s)**
STREETS	3,063.0	537.9						3,600,900
STORM WATER	2,800.1							2,800,100
WASTEWATER	644.6			**150.0**				794,600
WATER	1,288.2		605.4					1,893,600
GAS	60.7			**80.0**				140,700
TOTAL:	7,856.6	537.9	605.4	**230.0**				**$ 9,229,900**
Source of Funds								
Bond Issue 2014	2,577.6	537.9						3,115,500
Tax Notes	485.4							485,400
Revenue Bonds	4,793.6		605.4	**230.0**				5,629,000
TOTAL:	7,856.6	537.9	605.4	**230.0**				**$ 9,229,900**

OPERATIONAL IMPACT:

There is no direct operational budget impact. This project will replace aging utilities where applicable, improve the road to accommodate heavier traffic flows and provide a safer driving experience.

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PROJECT DESCRIPTION

Bond 2014 Proposition One: STREETS Sequence #11

PROJECT TITLE: Morgan Avenue - Ocean Drive to South Staples Street

Consistency with the Comprehensive Plan; Policy Statements pp. 25-32; Transportation Master Plan

DESCRIPTION:

This project includes full depth reconstruction of existing 4-lane roadway with new curb and gutter, sidewalks, ADA ramps and pavement markings. Utility improvements include water, wastewater, storm water and gas. Street lighting upgrades will be included and installed by AEP. To minimize impacts and overall cost, this project is being coordinated with Spohn Hospital construction, Bond 2012 Morgan (Staples to South Padre Island Drive) and Bond 2014 Ayers (Ocean Drive to Alameda) projects.

PROJECT NOTES:

Project No:	E13090
A/E Consultant:	LJA Engineering, Inc.
Contractor:	TBD
Award Design:	Jan 2014
Award Construction:	Oct 2018
Anticipated Completion:	Aug 2020

FUNDING SCHEDULE (Amount in 000's)

Use of Funds	Project-to-Date Obligations July 2018	Unspent Prior Budget as of July 2018	**CIP Budget Year 1 2018 - 2019**	Year 2 2019 - 2020	Year 3 2020 - 2021	**Future Budget Required (Years 4 - 10)**	**Total Project Value (Amounts in $'s)**
STREETS	468.8	2,244.9					2,713,700
STORM WATER	141.5		**2,685.0**				2,826,500
WASTEWATER	73.5		**193.0**				266,500
WATER	71.5		**447.0**				518,500
GAS			**16.5**				16,500
TOTAL:	755.3	2,244.9	**3,341.5**				**$ 6,341,700**
Source of Funds							
Bond Issue 2014	43.3	2,244.9					2,288,200
Tax Notes	425.5						425,500
Revenue Bonds	286.5		**3,341.5**				3,628,000
TOTAL:	755.3	2,244.9	**3,341.5**				**$ 6,341,700**

OPERATIONAL IMPACT:

There is no direct operational budget impact. This project will replace aging utilities where applicable, improve the road, accommodate heavier traffic flows and provide a safer driving experience.

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PROJECT DESCRIPTION

2014 Proposition One: STREETS Sequence #12

PROJECT TITLE: Corona Drive - Flynn Parkway to Everhart Road

Consistency with the Comprehensive Plan; Policy Statements pp. 25-32; Transportation Master Plan

DESCRIPTION:

This project includes full depth reconstruction of existing roadway providing two traffic lanes with new curb and gutter, sidewalks, ADA ramps and pavement markings. The existing roadway begins at Flynn Parkway as a 2-lane roadway and widens to 5-lanes at the approach to Everhart/Corona intersection. The project includes off-street cycle tracks on both sides in accordance with the Metropolitan Planning Organization. The project includes a new access road (Island Gateway) for improved emergency vehicle and public access to relieve traffic congestion on SPID and Everhart Road. The project also reconfigures the Flynn Parkway, Corona, and Tiger Lane Intersection to improve traffic flow and safety with traffic signal upgrades at the Everhart intersection. Utility improvements include water, wastewater and storm water.

PROJECT NOTES:

Project No:	E13091
A/E Consultant:	Govind Dev., LLC
Contractor:	Bay Ltd.
Award Design:	Jan 2014
Award Construction:	July 2017
Anticipated Completion:	Dec 2018

FUNDING SCHEDULE (Amount in 000's)

Use of Funds	Project-to-Date Obligations July 2018	Unspent Prior Budget as of July 2018	**CIP Budget Year 1 2018 - 2019**	Year 2 2019 - 2020	Year 3 2020 - 2021	**Future Budget Required (Years 4 - 10)**	**Total Project Value (Amounts in $'s)**
STREETS	3,487.4	485.8					3,973,200
STORM WATER	1,155.7						1,155,700
WASTEWATER	81.1						81,100
WATER	867.0						867,000
GAS	9.9						9,900
TOTAL:	5,601.1	485.8					**$ 6,086,900**
Source of Funds							
Bond Issue 2008	200.0						200,000
Bond Issue 2014	2,679.1	485.8					3,164,900
Tax Notes	608.3						608,300
Revenue Bonds	2,113.7						2,113,700
TOTAL:	5,601.1	485.8					**$ 6,086,900**

OPERATIONAL IMPACT:

There is no direct operational budget impact. This project will replace aging utilities where applicable, improve the road to accommodate heavier traffic flows and provide a safer driving experience.

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PROJECT DESCRIPTION

Bond 2014 Proposition One: STREETS Sequence #13

PROJECT TITLE: Yorktown Boulevard - Everhart Road to South Staples Street

Consistency with the Comprehensive Plan; Policy Statements pp. 25-32; Transportation Master Plan

DESCRIPTION:

This project includes full depth reconstruction of existing 4-lane roadway with raised median. Project includes improvements to curb and gutter, widened sidewalks, ADA ramps and pavement markings. This project also includes new traffic signals at Yorktown/Everhart intersection with new poles, mast arms, controller, etc. to replace existing 4-way stop. Additional improvements include street lighting along roadway. Utility improvements include water, wastewater, storm water and gas.

PROJECT NOTES:

Project No:	E13096
A/E Consultant:	Freese & Nichols, Inc.
Contractor:	Bay Ltd.
Award Design:	Feb. 2014
Award Construction:	Apr. 2017
Anticipated Completion:	Dec. 2018

FUNDING SCHEDULE (Amount in 000's)

Use of Funds	Project-to-Date Obligations July 2018	Unspent Prior Budget as of July 2018	Uncertified Obligation Remaining	CIP Budget Year 1 2018 - 2019	Year 2 2019 - 2020	Year 3 2020 - 2021	Future Budget Required (Years 4 - 10)	Total Project Value (Amounts in $'s)
STREETS	6,593.8	769.6						7,363,400
STORM WATER	2,157.9	100.0		**450.0**				2,707,900
WASTEWATER	212.8							212,800
WATER	460.0		780.8					1,240,800
GAS	28.3			**20.0**				48,300
TOTAL:	9,452.8	869.6	780.8	**470.0**				**$ 11,573,200**
Source of Funds								
Bond Issue 2014	5,766.3	769.6						6,535,900
Tax Notes	827.5							827,500
Revenue Bonds	2,859.0	100.0	780.8	**470.0**				4,209,800
TOTAL:	9,452.8	869.6	780.8	**470.0**				**$ 11,573,200**

OPERATIONAL IMPACT:

There is no direct operational budget impact. This project will replace aging utilities where applicable, improve road to accommodate heavier traffic flows and provide a safer driving experience.

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PROJECT DESCRIPTION

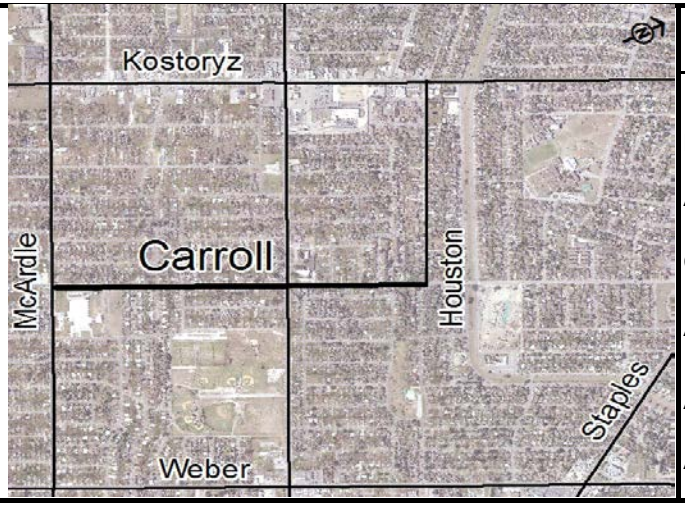
Bond 2014 Proposition One: STREETS Sequence #14

PROJECT TITLE: Carroll Lane - McArdle Road to Houston Street

Consistency with the Comprehensive Plan; Policy Statements pp. 25-32; Transportation Master Plan

DESCRIPTION:

This project includes full depth reconstruction of existing 2-lane roadway and turn-lanes with new curb and gutter, sidewalks, ADA ramps and pavement markings. The project includes off-street cycle tracks in accordance with the Metropolitan Planning Organization, reducing on-street parallel parking to one side only. Utility improvements include water, wastewater, storm water and gas.



PROJECT NOTES:

Project No:	E13097
A/E Consultant:	Martinez, Guy & Maybik, Inc.
Contractor:	Haas-Anderson Con., Ltd.
Award Design:	Feb. 2014
Award Construction:	Jun. 2017
Anticipated Completion:	Nov. 2018

FUNDING SCHEDULE (Amount in 000's)

Use of Funds	Project-to-Date Obligations July 2018	Unspent Prior Budget as of July 2018	**CIP Budget Year 1 2018 - 2019**	Year 2 2019 - 2020	Year 3 2020 - 2021	**Future Budget Required (Years 4 - 10)**	**Total Project Value (Amounts in $'s)**
STREETS	2,956.2	254.6					3,210,800
STORM WATER	2,240.0						2,240,000
WASTEWATER	703.6	300.0					1,003,600
WATER	1,010.4	35.8					1,046,200
GAS	36.6						36,600
TOTAL:	6,946.8	590.4					**$ 7,537,200**
Source of Funds							
Bond Issue 2014	2,604.9	254.6					2,859,500
Tax Notes	351.3						351,300
Revenue Bonds	3,990.6	335.8					4,326,400
TOTAL:	6,946.8	590.4					**$ 7,537,200**

OPERATIONAL IMPACT:

There is no direct operational budget impact. This project will replace aging utilities where applicable, improve road to accommodate heavier traffic flows and provide a safer driving experience.

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PROJECT DESCRIPTION

Bond 2014 Proposition One: STREETS Sequence #15

PROJECT TITLE: Old Robstown Road - State Highway 44 to Leopard Street

Consistency with the Comprehensive Plan; Policy Statements pp. 25-32; Transportation Master Plan

DESCRIPTION:

This project includes full depth reconstruction of existing 2-lane roadway to a 3-lane roadway with continuous center turn-lane and two travel lanes. Improvements include new curb and gutter, sidewalks, ADA ramps and pavement markings. This project includes sidewalks on both sides with a bi-directional cycle track on one-side of the road. Additional street lighting improvements are included and coordinated with AEP. Utility improvements include water, wastewater, storm water and gas.

PROJECT NOTES:

Project No:	E13098
A/E Consultant:	CH2M HILL, Inc.
Contractor:	Haas-Anderson Con., Ltd.
Award Design:	Apr 2014
Award Construction:	Jul 2017
Anticipated Completion:	Mar 2019

FUNDING SCHEDULE (Amount in 000's)

Use of Funds	Project-to-Date Obligations July 2018	Unspent Prior Budget as of July 2018	**CIP Budget Year 1 2018 - 2019**	Year 2 2019 - 2020	Year 3 2020 - 2021	**Future Budget Required (Years 4 - 10)**	**Total Project Value (Amounts in $'s)**
STREETS	3,138.7	17.7					3,156,400
STORM WATER	2,507.2						2,507,200
WASTEWATER	115.2						115,200
WATER	561.5						561,500
GAS	0.5						500
TOTAL:	6,323.1	17.7					**$ 6,340,800**
Source of Funds							
Bond Issue 2014	2,754.2	17.7					2,771,900
Tax Notes	384.5						384,500
Revenue Bonds	3,184.4						3,184,400
TOTAL:	6,323.1	17.7					**$ 6,340,800**

OPERATIONAL IMPACT:

There is no direct operational budget impact. This project will replace aging utilities where applicable, improve the road to accommodate heavier traffic flows and provide a safer driving experience.

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PROJECT DESCRIPTION

Bond 2014 Proposition Two: STREETS Sequence #16

PROJECT TITLE: Ayers Street - Pedestrian Improvements and Turn Lane Addition

Consistency with the Comprehensive Plan; Policy Statements pp. 25-32; Transportation Master Plan

DESCRIPTION:

This project addresses pedestrian and vehicular safety along Ayers Corridor from SPID to Gollihar Road. Roadway improvements include new center turn lane with designated turn lanes at intersections of Ayers Street & Mansheim Blvd. and Ayers Street & Sunnybrook Road. Pedestrian improvements include crosswalks, new sidewalks, curb & gutter, ADA ramps, and storm water lines. Through an Interlocal Agreement with RTA, pedestrian improvements will be extended from Gollihar Road to bus transfer station at intersection of Ayers Street & Port Avenue. Traffic signal upgrades are planned under a separate joint City/TxDOT Highway Safety Improvement Program. (HSIP)

PROJECT NOTES:

Project No:	E15106
A/E Consultant:	Lockwood, Andrews & Newman, Inc.
Contractor:	TBD
Award Design:	June 2015
Award Construction:	Sept 2018
Anticipated Completion:	Sept 2019

FUNDING SCHEDULE (Amount in 000's)

Use of Funds	Project-to-Date Obligations July 2018	Unspent Prior Budget as of July 2018	**CIP Budget Year 1 2018 - 2019**	Year 2 2019 - 2020	Year 3 2020 - 2021	**Future Budget Required (Years 4 - 10)**	**Total Project Value (Amounts in $'s)**
STREETS	915.2	1,011.4					1,926,600
STORM WATER			**1,940.0**				1,940,000
WASTEWATER			**8.0**				8,000
WATER	29.9		**1,600.0**				1,629,900
GAS							
TOTAL:	945.1	1,011.4	**3,548.0**				**$ 5,504,500**
Source of Funds							
Bond Issue 2014	915.2	1,011.4					1,926,600
Revenue Bonds	29.9		**3,548.0**				3,577,900
TOTAL:	945.1	1,011.4	**3,548.0**				**$ 5,504,500**

OPERATIONAL IMPACT:

There is no direct operational budget impact. This project will replace aging utilities where applicable, improve the road to accommodate heavier traffic flows and provide a safer driving experience.

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PROJECT DESCRIPTION

Bond 2014 Proposition Two: STREETS Sequence #17

PROJECT TITLE: Chaparral Street Phase 2 - Schatzel to Taylor

Consistency with the Comprehensive Plan; Policy Statements pp. 25-32; Transportation Master Plan

DESCRIPTION:

This continues the Bond 2008 Chaparral street project to convert Chaparral to two-way traffic. Project provides full reconstruction for 3 additional blocks (Schatzel to Taylor) and HMAC overlays from Taylor to IH-37 on the north end and William to Cooper's Alley on the south end. Street improvements include new curb & gutter, widened sidewalks, ADA ramps, landscaping, traffic signal upgrades at the Taylor Street intersection and illumination upgrades. Utility improvements include water, wastewater, storm water and gas. Additional improvements include pavement and markings to adjacent side streets for displaced parking that converted head-in parking to parallel parking and is required for two-way conversion. Traffic synchronization is planned and will be adjusted over a 60-90 day period to optimize traffic flow and patterns.

PROJECT NOTES:

Project No:	E15107
A/E Consultant:	HDR Engineering, Inc.
Contractor:	Reytec
Award Design:	Jun 2015
Award Construction:	Aug 2017
Anticipated Completion:	Nov 2018

FUNDING SCHEDULE (Amount in 000's)

Use of Funds	Project-to-Date Obligations July 2018	Unspent Prior Budget as of July 2018	**CIP Budget Year 1 2018 - 2019**	Year 2 2019 - 2020	Year 3 2020 - 2021	**Future Budget Required (Years 4 - 10)**	**Total Project Value (Amounts in $'s)**
STREETS	4,552.8	447.2					5,000,000
STORM WATER	258.7						258,700
WASTEWATER	453.9						453,900
WATER	478.7						478,700
GAS	63.8						63,800
TOTAL:	5,807.9	447.2					**$ 6,255,100**
Source of Funds							
Bond Issue 2014	4,552.8	447.2					5,000,000
Revenue Bonds	1,255.1						1,255,100
TOTAL:	5,807.9	447.2					**$ 6,255,100**

OPERATIONAL IMPACT:

There is no direct operational budget impact. This project will replace aging utilities where applicable, improve the road to accommodate heavier traffic flows and provide a safer driving experience.

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PROJECT DESCRIPTION

Bond 2014 Proposition Two: STREETS Sequence #18

PROJECT TITLE: Traffic Signals and Lighting Improvements - City Wide

Consistency with the Comprehensive Plan; Policy Statements pp. 25-32; Transportation Master Plan

DESCRIPTION:

This project includes new traffic signals and traffic signal replacements/upgrades at prioritized intersections to improve safety for pedestrians, bicyclists, and vehicular traffic. New signals are provided where required by increased traffic demands and approved warrants. The work varies by signal and includes poles, foundations, mast arms, signal heads, controllers, pedestrian buttons, signage, markings and other miscellaneous improvements. A portion of these funds are planned as matching funds to leverage additional dollars through a City/TxDOT joint project. New signals include Flour Bluff/Purdue and two on Ennis Joslin at McArdle & Islander Way. Upgraded signals include Commodore/Park Road 22 intersection and multiple intersections along Ocean Drive.

PROJECT NOTES:

Project No:	E15113
A/E Consultant:	Maldonado-Burkett Intelligent Trans. Systems., LLP
Contractor:	Seimens
Award Design:	In-House
Award Construction:	On-Going
Anticipated Completion:	On-Going

FUNDING SCHEDULE (Amount in 000's)

Use of Funds	Project-to-Date Obligations July 2018	Unspent Prior Budget as of July 2018	**CIP Budget Year 1 2018 - 2019**	Year 2 2019 - 2020	Year 3 2020 - 2021	**Future Budget Required (Years 4 - 10)**	**Total Project Value (Amounts in $'s)**
STREETS	3,326.5	1,673.5					5,000,000
TOTAL:	3,326.5	1,673.5					**$ 5,000,000**
Source of Funds							
Bond Issue 2014	3,326.5	1,673.5					5,000,000
TOTAL:	3,326.5	1,673.5					**$ 5,000,000**

OPERATIONAL IMPACT:

There is no direct operational budget impact. These projects will improve safety conditions and provide a safer driving experience.

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PROJECT DESCRIPTION

Bond 2016 CO's & Bond 2014 Proposition Two: STREETS Sequence #19

PROJECT TITLE: Rodd Field Road Expansion - Saratoga to Yorktown

Consistency with the Comprehensive Plan; Policy Statements pp. 25-32; Transportation Master Plan

DESCRIPTION:

This project includes full depth reconstruction and widening of existing 2-lane roadway to a 4-lane roadway with raised grass medians. Improvements include new curb and gutter, sidewalks, ADA ramps, signage and pavement markings. Project includes buffered off-street cycle tracks on both sides in accordance with the Metropolitan Planning Organization. Project includes reconfiguration of Rodd Field/Yorktown Intersection as a "T" to replace the "Y' configuration with new traffic signals and new turn-lanes. Additional improvements include street lighting along roadway. Utility improvements include water, wastewater, storm water and gas.

PROJECT NOTES:

Project No:	E15112
	E17035
A/E Consultant:	LJA Engineering, Inc.
Contractor:	TBD
Award Design:	May 2015
Award Construction:	Sept 2018
Anticipated Completion:	Dec 2020

FUNDING SCHEDULE (Amount in 000's)

Use of Funds	Project-to-Date Obligations July 2018	Unspent Prior Budget as of July 2018	**CIP Budget Year 1 2018 - 2019**	Year 2 2019 - 2020	Year 3 2020 - 2021	**Future Budget Required (Years 4 - 10)**	**Total Project Value (Amounts in $'s)**
STREETS	1,202.3	12,297.7					13,500,000
STORM WATER	227.6		**2,112.5**	2,112.5			4,452,600
WASTEWATER	22.5		**30.0**	30.0			82,500
WATER	56.4		**650.0**	650.0			1,356,400
GAS	22.5						22,500
TOTAL:	1,531.3	12,297.7	**2,792.5**	2,792.5			**$ 19,414,000**
Source of Funds							
Bond Issue 2016	70.6	3,829.4					3,900,000
Bond Issue 2014	1,131.7	8,468.3					9,600,000
Revenue Bonds	329.0		**2,792.5**	2,792.5			5,914,000
TOTAL:	1,531.3	12,297.7	**2,792.5**	2,792.5			**$ 19,414,000**

OPERATIONAL IMPACT:

There is no direct operational budget impact. This project will replace aging utilities where applicable, improve the road to accommodate heavier traffic flows and provide a safer driving experience.

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PROJECT DESCRIPTION

Bond 2014 Proposition Two: STREETS Sequence #20

PROJECT TITLE: Downtown Street Traffic Signal and Area Improvements

Consistency with the Comprehensive Plan; Policy Statements pp. 25-32; Transportation Master Plan

DESCRIPTION:

This project replaces existing outdated pedestal, pole mounted traffic signals on Water Street from approximately IH-37 to Coopers Alley with new poles and mast arm signals. Improvements include new poles, foundations, mast arms, signal heads, controllers, conduit, and other miscellaneous elements. Project also includes sidewalk and ADA ramp improvements. The new mast arms and poles will comply with architectural design standards in the Central Business District Area Development Plan. This project also completes traffic analysis and warrant studies for existing intersections and signals for additional optimization improvements. The traffic signage upgrades allow for better synchronization to improve traffic flows, patterns and safety for pedestrians, bicycles and vehicular traffic.

PROJECT NOTES:

Project No:	E15108
A/E Consultant:	Freese and Nichols, Inc.
Contractor:	Seimens
Award Design:	Jun. 2015
Award Construction:	Apr 2018
Anticipated Completion:	Nov 2018

FUNDING SCHEDULE (Amount in 000's)

Use of Funds	Project-to-Date Obligations July 2018	Unspent Prior Budget as of July 2018	**CIP Budget Year 1 2018 - 2019**	Year 2 2019 - 2020	Year 3 2020 - 2021	**Future Budget Required (Years 4 - 10)**	**Total Project Value (Amounts in $'s)**
STREETS	559.6	2,940.4					3,500,000
STORM WATER	-	386.9					386,900
TOTAL:	559.6	3,327.3					**$ 3,886,900**
Source of Funds							
Bond Issue 2014	559.6	2,940.4					3,500,000
Revenue Bonds	-	386.9					386,900
TOTAL:	559.6	3,327.3					**$ 3,886,900**

OPERATIONAL IMPACT:

There is no direct operational budget impact. This project will improve safety conditions and provide a safer driving experience.

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PROJECT DESCRIPTION

Bond 2014 Proposition Two: STREETS Sequence #21

PROJECT TITLE: Flato Road - Agnes to Bates

Consistency with the Comprehensive Plan; Policy Statements pp. 25-32; Transportation Master Plan

DESCRIPTION:

This project includes full depth reconstruction of existing 2-lane rural collector roadway with paved shoulders and roadside ditches. Improvements include new pavement surface, curb and gutter, pavement markings and ditch grading. Utility improvements include water, wastewater, and storm water. Storm water will be conveyed to outfall at Bates Road and into a new underground storm pipe to Enterprize Ditch.

PROJECT NOTES:

Project No:	E15110
A/E Consultant:	CH2M HILL, Inc.
Contractor:	TBD
Award Design:	Jun 2015
Award Construction:	May 2018
Anticipated Completion:	Sept 2019

FUNDING SCHEDULE (Amount in 000's)

Use of Funds	Project-to-Date Obligations July 2018	Unspent Prior Budget as of July 2018	**CIP Budget Year 1 2018 - 2019**	Year 2 2019 - 2020	Year 3 2020 - 2021	**Future Budget Required (Years 4 - 10)**	**Total Project Value (Amounts in $'s)**
STREETS	671.6	2,828.4					3,500,000
STORM WATER			**550.0**				550,000
WASTEWATER			**792.0**				792,000
WATER			**865.0**				865,000
TOTAL:	671.6	2,828.4	**2,207.0**				**$ 5,707,000**
Source of Funds							
Bond Issue 2014	671.6	2,828.4					3,500,000
Revenue Bonds			**2,207.0**				2,207,000
TOTAL:	671.6	2,828.4	**2,207.0**				**$ 5,707,000**

OPERATIONAL IMPACT:

There is no direct operational budget impact. This project will replace aging utilities where applicable, improve the road to accommodate heavier traffic flows and provide a safer driving experience.

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PROJECT DESCRIPTION

Proposed Bond 2014 Proposition Two: STREETS Sequence #22

PROJECT TITLE: Downtown Road and Streetscape Improvements

Consistency with the Comprehensive Plan; Policy Statements pp. 25-32; Transportation Master Plan

DESCRIPTION:

This project provides for improvements in the Greater Downtown area that include streetscape, landscaping/planters, signage, trash cans, pole medallions, and other miscellaneous elements. The improvements are planned to help create a sense of arrival "Gateways" into key areas and destinations between IH-37/Cooper's Alley and Lower Broadway/Shoreline. This includes destinations such as the Marina and Arts District and gateways at Laredo/Agnes and Mesquite/IH-37.

PROJECT NOTES:

Project No: E15098

A/E Consultant: Freese and Nichols, Inc.

Contractor: TBD

Award Design: Jun 2015

Award Construction: Jun 2018

Anticipated Completion: Nov 2018

FUNDING SCHEDULE (Amount in 000's)

Use of Funds	Project-to-Date Obligations July 2018	Unspent Prior Budget as of July 2018	**CIP Budget Year 1 2018 - 2019**	Year 2 2019 - 2020	Year 3 2020 - 2021	**Future Budget Required (Years 4 - 10)**	**Total Project Value (Amounts in $'s)**
STREETS	257.1	1,242.9					1,500,000
TOTAL:	257.1	1,242.9					**$ 1,500,000**
Source of Funds							
Bond Issue 2014	257.1	1,242.9					1,500,000
Tax Notes							
Revenue Bonds							
TOTAL:	257.1	1,242.9					**$ 1,500,000**

OPERATIONAL IMPACT:

There is no direct operational budget impact. This project will improve the road to accommodate heavier traffic flows and provide a safer driving experience

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PROJECT DESCRIPTION

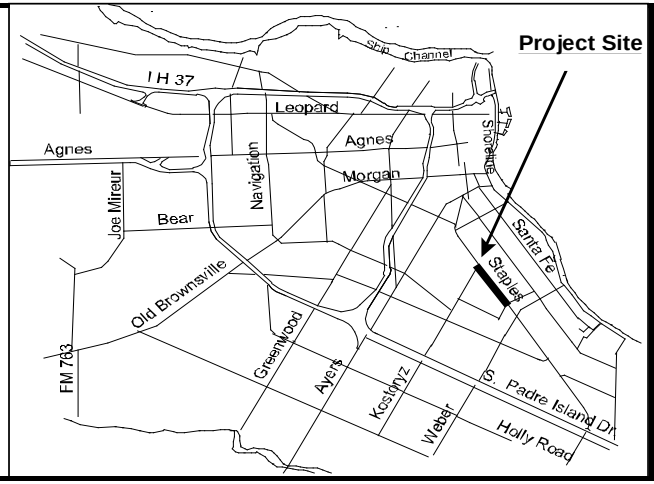
Bond 2012 Proposition One: STREETS Sequence #23

PROJECT TITLE: South Staples Street - Brawner Parkway to Kostoryz Road

Consistency with the Comprehensive Plan; Policy Statements pp. 25-32; Transportation Master Plan

DESCRIPTION:

This project provides for full-depth reconstruction of the existing 5-lane roadway with continuous center turn lane. Improvements include new Portland Cement Concrete (PCC) pavement, curb and gutter, wider sidewalks, ADA ramps, traffic signal upgrades, lighting, signage, markings, and landscaping. Additional improvements include traffic signal upgrades at the Kostoryz, Texan Trail and Carroll Lane intersections. Utility improvements include water, wastewater, storm water and gas.



PROJECT NOTES:

Project No:	E12095
A/E Consultant:	Freese and Nichols, Inc.
Contractor:	TBD
Award Design:	Jan. 2013
Award Construction:	Jan 2018
Anticipated Completion:	Nov 2019

FUNDING SCHEDULE (Amount in 000's)

Use of Funds	Project-to-Date Obligations July 2018	Unspent Prior Budget as of July 2018	Uncertified Obligation Remaining	**CIP Budget Year 1 2018 - 2019**	Year 2 2019 - 2020	Year 3 2020 - 2021	**Future Budget Required (Years 4 - 10)**	**Total Project Value (Amounts in $'s)**
STREETS	6,390.0	733.4						7,123,400
STORM WATER	3,114.3							3,114,300
WASTEWATER	868.2	18.3						886,500
WATER	471.1		667.5					1,138,600
GAS	410.7							410,700
TOTAL:	11,254.3	751.7	667.5					**$ 12,673,500**
Source of Funds								
Bond Issue 2012 GO	48.9	74.6						123,500
Bond Issue 2012 CO	6,341.1	658.8						6,999,900
Revenue Bonds	4,864.3	18.3	667.5					5,550,100
TOTAL:	11,254.3	751.7	667.5					**$ 12,673,500**

OPERATIONAL IMPACT:

There is no direct operational budget impact. This project will replace aging utilities where applicable, improve the road to accommodate heavier traffic flows and provide a safer driving experience.

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PROJECT DESCRIPTION

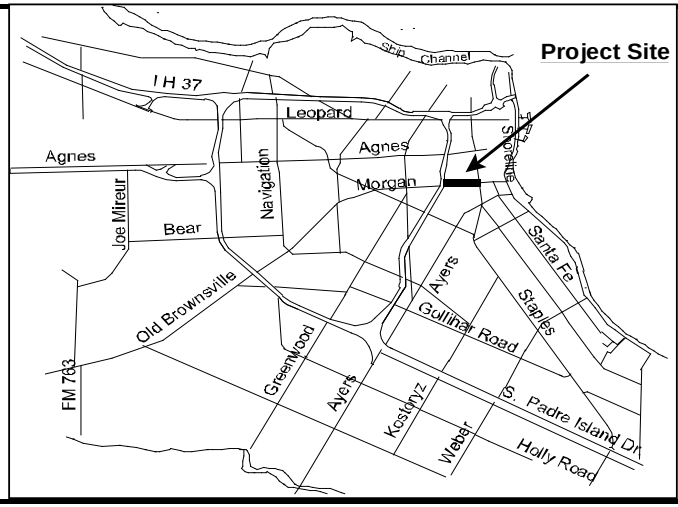
Bond 2012 Proposition One: STREETS Sequence #24

PROJECT TITLE: Morgan Avenue - South Staples Street to Crosstown Freeway

Consistency with the Comprehensive Plan; Policy Statements pp. 25-32; Transportation Master Plan

DESCRIPTION:

Project includes full depth reconstruction of existing 4 lane roadway with new curb and gutter, sidewalks, ADA ramps, and bus stops. To minimize impacts and overall cost, this project is being coordinated with Spohn Hospital construction, Bond 2014 Morgan (Ocean Drive to Staples Street) and Bond 2014 Ayers (Ocean Drive to Alameda) projects. Utility improvements include water, wastewater, storm water and gas.



PROJECT NOTES:

Project No:	E12101
A/E Consultant:	LJA Engineering, Inc.
Contractor:	TBD
Award Design:	Jan 2013
Award Construction:	Oct 2018
Anticipated Completion:	May 2019

FUNDING SCHEDULE (Amount in 000's)

Use of Funds	Project-to-Date Obligations July 2018	Unspent Prior Budget as of July 2018	**CIP Budget Year 1 2018 - 2019**	Year 2 2019 - 2020	Year 3 2020 - 2021	**Future Budget Required (Years 4 - 10)**	**Total Project Value (Amounts in $'s)**
STREETS	205.9	2,712.4					2,918,300
STORM WATER	262.2		**2,054.0**				2,316,200
WASTEWATER	50.5		**320.0**				370,500
WATER	59.5		**566.0**				625,500
GAS	0.5		**16.5**				17,000
TOTAL:	578.6	2,712.4	**2,956.5**				**$ 6,247,500**
Source of Funds							
Bond Issue 2012 GO	10.4	23.9					34,300
Bond Issue 2012 CO	195.5	2,688.5					2,884,000
Revenue Bonds	372.7		**2,956.5**				3,329,200
TOTAL:	578.6	2,712.4	**2,956.5**				**$ 6,247,500**

OPERATIONAL IMPACT:

There is no direct operational budget impact. This project will replace aging utilities where applicable, improve the road to accommodate heavier traffic flows and provide a safer driving experience.

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PROJECT DESCRIPTION

Bond 2012 Proposition One: STREETS Sequence #25

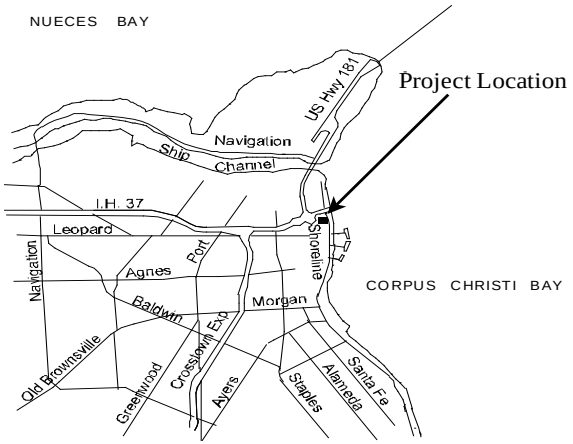
PROJECT TITLE: Twigg Street - Shoreline Boulevard to Lower Broadway

Consistency with the Comprehensive Plan; Policy Statements pp. 25-32; Transportation Master Plan

DESCRIPTION:

Project includes full-depth reconstruction of existing 2-lane road with new sidewalks, curb and gutter, ADA ramps and pavement markings. Project also includes landscaping and area beautification. Utility improvements include water, storm water, wastewater and gas.

Note: This project is deferred until demolition of the existing Harbor Bridge.



PROJECT NOTES:

Project No:	E12102
A/E Consultant:	HDR Engineering, Inc.
Contractor:	TBD
Award Design:	Jan. 2013
Award Construction:	TBD
Anticipated Completion:	TBD

FUNDING SCHEDULE (Amount in 000's)

Use of Funds	Project-to-Date Obligations July 2018	Unspent Prior Budget as of July 2018	CIP Budget Year 1 2018 - 2019	Year 2 2019 - 2020	Year 3 2020 - 2021	Future Budget Required (Years 4 - 10)	Total Project Value (Amounts in $'s)
STREETS	257.1	781.2					1,038,300
STORM WATER	106.8				505.0		611,800
WASTEWATER	36.6				430.0		466,600
WATER	28.1				207.0		235,100
GAS	5.2				26.0		31,200
TOTAL:	433.8	781.2			1,168.0		**$ 2,383,000**
Source of Funds							
Bond Issue 2012 GO	-	8.3					8,300
Bond Issue 2012 CO	257.1	772.9					1,030,000
Revenue Bonds	176.7				1,168.0		1,344,700
TOTAL:	433.8	781.2			1,168.0		**$ 2,383,000**

OPERATIONAL IMPACT:

There is no direct operational budget impact. This project will replace aging utilities where applicable, improve the road to accommodate heavier traffic flows and provide a safer driving experience.

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PROJECT DESCRIPTION

Bond 2012 Proposition One: STREETS Sequence #26

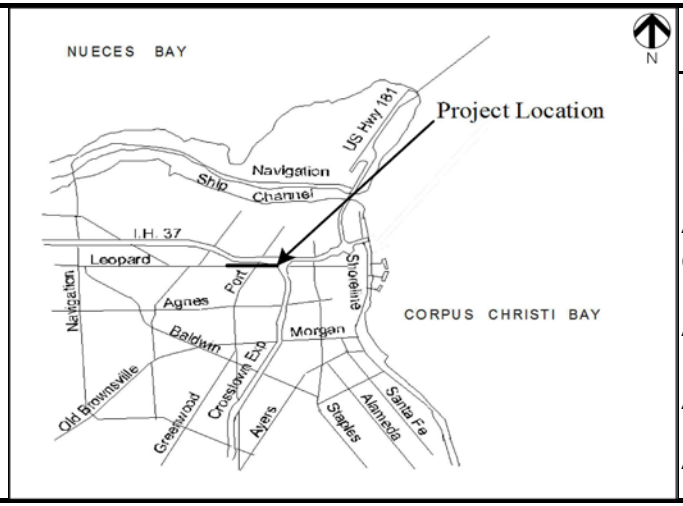
PROJECT TITLE: Leopard Street - Crosstown Freeway to Palm Drive

Consistency with the Comprehensive Plan; Policy Statements pp. 25-32; Transportation Master Plan

DESCRIPTION:

Project includes full depth reconstruction and widening of existing 4-lane roadway with medians. Median will be replaced with a 5-lane section to match the adjacent roadway sections. Improvements include new sidewalks, curb and gutter, ADA ramps, pavement markings, signage and landscaping. Utility improvements include water, wastewater, storm water and gas.

Note: Project was deferred until finalization of Harbor Bridge design. Design of the bridge is complete, but this project is still waiting for further information from the Harbor Bridge design team before moving forward.



PROJECT NOTES:

Project No:	E12103
A/E Consultant:	HDR Engineering, Inc.
Contractor:	TBD
Award Design:	Jan 2013
Award Construction:	TBD
Anticipated Completion:	TBD

FUNDING SCHEDULE (Amount in 000's)

Use of Funds	Project-to-Date Obligations July 2018	Unspent Prior Budget as of July 2018	**CIP Budget Year 1 2018 - 2019**	Year 2 2019 - 2020	Year 3 2020 - 2021	**Future Budget Required (Years 4 - 10)**	**Total Project Value (Amounts in $'s)**
STREETS	388.8	3,779.7					4,168,500
STORM WATER	199.0		**1,443.0**				1,642,000
WASTEWATER	44.6		**705.0**				749,600
WATER	44.8		**786.0**				830,800
GAS	4.6		**123.0**				127,600
TOTAL:	681.8	3,779.7	**3,057.0**				**$ 7,518,500**
Source of Funds							
Bond Issue 2012 GO	0.5						500
Bond Issue 2012 CO	388.3	3,779.7					4,168,000
Revenue Bonds	293.0		**3,057.0**				3,350,000
TOTAL:	681.8	3,779.7	**3,057.0**				**$ 7,518,500**

OPERATIONAL IMPACT:

There is no direct operational budget impact. This project will replace aging utilities where applicable, improve the road to accommodate heavier traffic flows and provide a safer driving experience.

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PROJECT DESCRIPTION

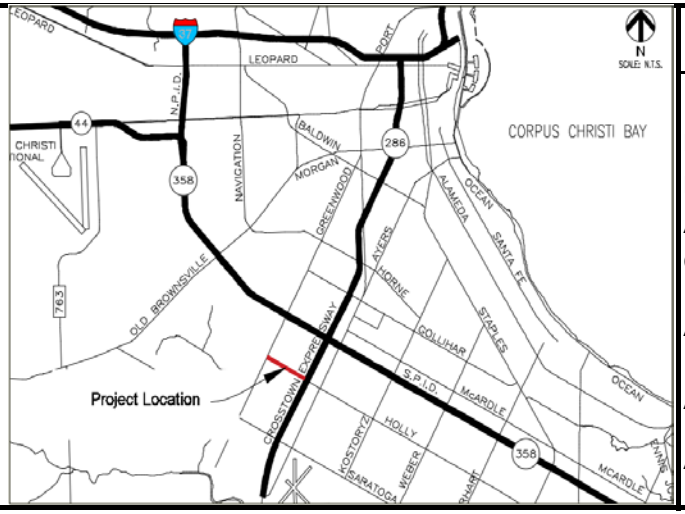
Bond 2012 Proposition One: STREETS Sequence #27

PROJECT TITLE: Holly Road - Crosstown Freeway to Greenwood Drive

Consistency with the Comprehensive Plan; Policy Statements pp. 25-32; Transportation Master Plan

DESCRIPTION:

This was originally a joint City/TxDOT funded project providing for full-depth reconstruction and widening of the existing 2-lane roadway to a 4-lane roadway. Based on state funding limitations, this project has been revised and now has two phases. Phase 1 will be fully funding by the City and has been re-designed with full reconstruction and widening as a 3-lane roadway with planning for Phase 2 to expand to a 4-lane roadway. Phase 2 is planned for 2023. Utility improvements include water, wastewater, storm water and gas.



PROJECT NOTES:

Finance Project No:	170371
Engineering Project No:	6470
A/E Consultant:	LNV, Inc.
Contractor:	TBD
Award Design:	Aug. 2011
Award Construction:	TBD
Anticipated Completion:	TBD

FUNDING SCHEDULE (Amount in 000's)

Use of Funds	Project-to-Date Obligations July 2018	Unspent Prior Budget as of July 2018	**CIP Budget Year 1 2018 - 2019**	Year 2 2019 - 2020	Year 3 2020 - 2021	**Future Budget Required (Years 4 - 10)**	**Total Project Value (Amounts in $'s)**
STREETS	2,532.7	1,464.0					3,996,700
STORM WATER			**2,778.0**				2,778,000
WASTEWATER			**293.0**				293,000
WATER	15.1		**692.0**				707,100
GAS			**25.0**				25,000
TOTAL:	2,547.8	1,464.0	**3,788.0**				**$ 7,799,800**
Source of Funds							
Bond Issue 2008	949.0	0.9					949,900
Bond Issue 2012	1,036.9	1,463.1					2,500,000
Revenue Bonds	15.1		**3,788.0**				3,803,100
Texas Department Transportation	546.8						546,800
TOTAL:	2,547.8	1,464.0	**3,788.0**				**$ 7,799,800**

OPERATIONAL IMPACT:

There is no direct operational budget impact. This project will replace aging utilities where applicable, improve the road to accommodate heavier traffic flows and provide a safer driving experience.

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PROJECT DESCRIPTION

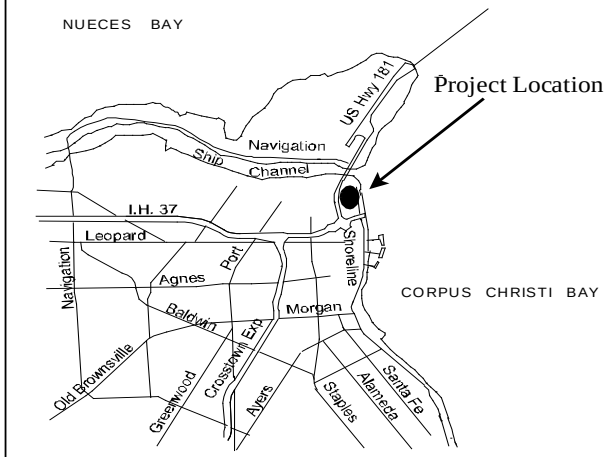
Bond 2012 Proposition Eight: ECONOMIC DEVELOPMENT Sequence #28

PROJECT TITLE: SeaTown Pedestrian Improvements

Consistency with the Comprehensive Plan; Policy Statements pp. 25-32.

DESCRIPTION:

This project is the first phase in implementing recommendations of the Sustainable Communities Building Blocks Walkability Audit conducted in May 2012, which includes recommendations to improve walkability and connectivity of local destinations to include American Bank Center, Whataburger Field, Ortiz Center, Art Museum, Science & History Museum, Heritage Park and other area attractions. This is a joint City/TxDOT project with 20/80 percent cost sharing. Project includes curb and gutter, sidewalks, ADA ramps, lighting and landscaping.



PROJECT NOTES:

Project No:	E12134
A/E Consultant:	LJA, Inc.
Contractor:	TBD
Award Design:	June 2014
Award Construction:	Aug 2018
Anticipated Completion:	Nov 2018

FUNDING SCHEDULE (Amount in 000's)

Use of Funds	Project-to-Date Obligations July 2018	Unspent Prior Budget as of July 2018	**CIP Budget Year 1 2018 - 2019**	Year 2 2019 - 2020	Year 3 2020 - 2021	**Future Budget Required (Years 4 - 10)**	**Total Project Value (Amounts in $'s)**
STREETS	386.7	113.3	**960.0**				1,460,000
STORM WATER			**70.2**				70,200
WASTEWATER			**-**				-
WATER			**10.8**				10,800
GAS			**7.8**				7,800
TOTAL:	386.7	113.3	**1,048.8**				**$ 1,548,800**
Source of Funds							
Bond Issue 2012	386.7	113.3					500,000
Revenue Bonds			**88.8**				88,800
Texas Dept of Transportation			**960.0**				960,000
TOTAL:	386.7	113.3	**1,048.8**				**$ 1,548,800**

OPERATIONAL IMPACT:

Operational Impact for project could include increased lighting and electrical consumption which will be developed during design stage. Project will greatly improve area and make it safer and friendlier for residents and visitors.

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PROJECT DESCRIPTION

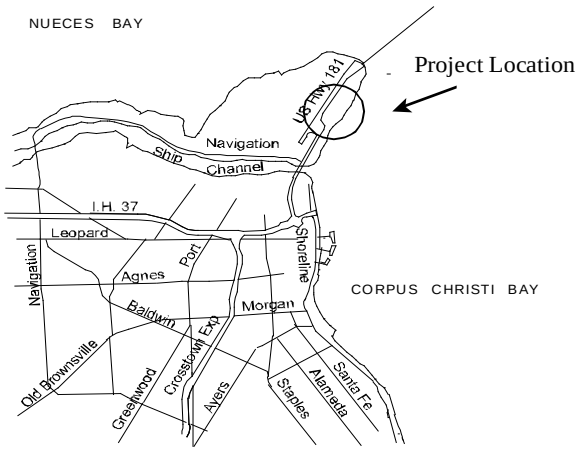
Bond 2012 Proposition Eight: ECONOMIC DEVELOPMENT Sequence #29

PROJECT TITLE: North Beach Area Road Improvements & Area Beautification

Consistency with the Comprehensive Plan; Policy Statements pp. 25-32.

DESCRIPTION:

This project is being coordinated and combined into one design and construction project with North Beach Breakwater project (Sequence #30) to minimize impacts and maximize resources. The combined project provides for rehab of the pavement with required improvements for sidewalk, curb and gutter, ADA ramps, pavement markings, signage and landscaping. The project was also coordinated with the Texas State Aquarium, USS Lexington, and other North Beach businesses for private donations to further enhance improvements.



PROJECT NOTES:

Project No:	E12127
A/E Consultant:	LJA, Inc.
Contractor:	TBD
Award Design:	Mar 2013
Award Construction:	Sep 2018
Anticipated Completion:	Feb 2019

FUNDING SCHEDULE (Amount in 000's)

Use of Funds	Project-to-Date Obligations July 2018	Unspent Prior Budget as of July 2018	**CIP Budget Year 1 2018 - 2019**	Year 2 2019 - 2020	Year 3 2020 - 2021	**Future Budget Required (Years 4 - 10)**	**Total Project Value (Amounts in $'s)**
STREETS	197.2	402.2					599,400
STORM WATER	58.2		**18.0**				76,200
WASTEWATER	60.9		**7.2**				68,100
WATER	55.9		**1.9**				57,800
TOTAL:	372.2	402.2	**27.1**				**$ 801,500**
Source of Funds							
Bond Issue 2012	197.2	402.2					599,400
Revenue Bonds	175.0		**27.1**				202,100
TOTAL:	372.2	402.2	**27.1**				**$ 801,500**

OPERATIONAL IMPACT:

Operational Impact for this project could include increased electrical consumption and water usage which will be identified during the design stage. This project will greatly improve the area and make it safer and friendlier for residents and visitors.

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PROJECT DESCRIPTION

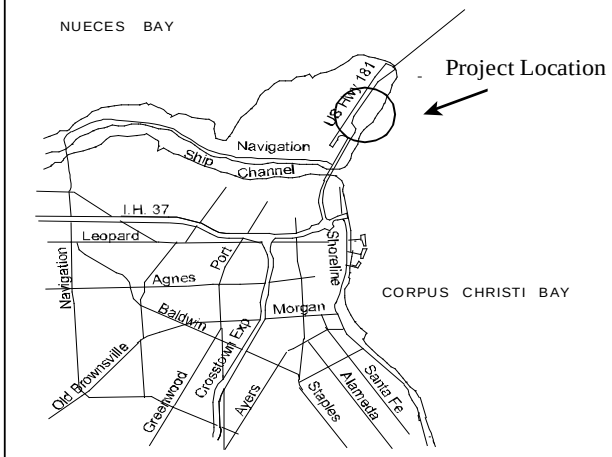
Bond 2012 Proposition Eight: ECONOMIC DEVELOPMENT Sequence #30

PROJECT TITLE: North Beach Breakwater Plaza, North Shoreline Repair and Enhancement

Consistency with the Comprehensive Plan; Policy Statements pp. 25-32.

DESCRIPTION:

This project is being designed and constructed with North Beach Area Road Improvements and Beautification Project (Sequence #29) to reduce costs and accomplish project objectives. The combined project provides for rehab of the pavement with required improvements for sidewalk, curb and gutter, ADA ramps, pavement markings, signage and landscaping. The project was also coordinated with the Texas State Aquarium, USS Lexington, and other North Beach businesses for private donations to further enhance improvements.



PROJECT NOTES:

Project No:	E12129
A/E Consultant:	LJA, Inc.
Contractor:	TBD
Award Design:	Mar 2013
Award Construction:	Sep 2018
Anticipated Completion:	Feb 2019

FUNDING SCHEDULE (Amount in 000's)

Use of Funds	Project-to-Date Obligations July 2018	Unspent Prior Budget as of July 2018	**CIP Budget Year 1 2018 - 2019**	Year 2 2019 - 2020	Year 3 2020 - 2021	**Future Budget Required (Years 4 - 10)**	**Total Project Value (Amounts in $'s)**
STREETS	162.6	886.7					1,049,300
STORM WATER	41.9		**413.0**				454,900
WASTEWATER	59.7		**5.1**				64,800
WATER	45.5		**9.4**				54,900
TOTAL:	309.7	886.7	**427.5**				**$ 1,623,900**
Source of Funds							
Bond Issue 2012	162.6	836.7					999,300
Revenue Bonds	147.1	-	**427.5**				574,600
Donation		50.0					50,000
TOTAL:	309.7	886.7	**427.5**				**$ 1,623,900**

OPERATIONAL IMPACT:

Unable to quantify operational impact at this time, but the work will make the area safer and friendlier for residents and visitors.

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PROJECT DESCRIPTION

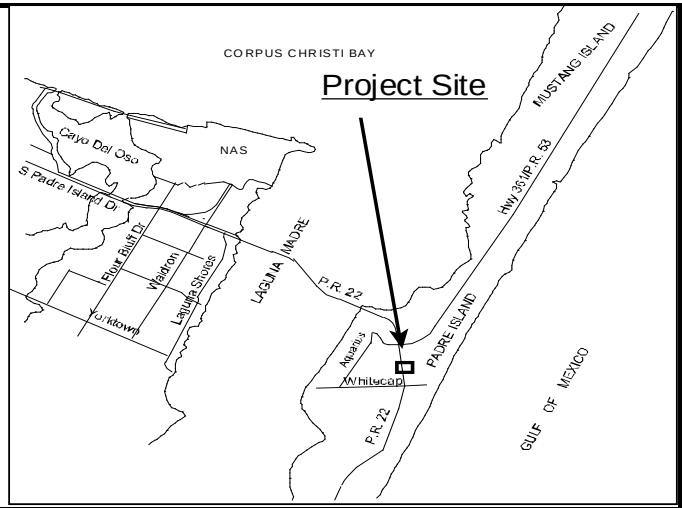
Bond 2004 General Obligation Street Project Sequence #31

PROJECT TITLE: Park Road 22 Bridge

Consistency with the Comprehensive Plan; Policy Statements pp. 25-32.

DESCRIPTION:

This Bond 2004 project provides for a new bridge over a new water exchange between canal systems located on east and west side of Park Road 22. New bridge allows for pedestrians, golf carts and small boats to travel beneath the new bridge. Water exchange is required by Developer under a United States Army Corps of Engineers permit and construction is being coordinated with the Developer. This project requires Texas Department of Transportation coordination and approval. This is a City Council priority project and construction will use remaining savings from Bond 2008 Street Bond Funds.



PROJECT NOTES:

Finance Project No:	170062
Engineering Project No:	6281
A/E Consultant:	Urban Engineering
Contractor:	TBD
Award Design:	Oct 2011
Award Construction:	TBD
Anticipated Completion:	TBD

FUNDING SCHEDULE (Amount in 000's)

Use of Funds	Project-to-Date Obligations July 2018	Unspent Prior Budget as of July 2018	**CIP Budget Year 1 2018 - 2019**	Year 2 2019 - 2020	Year 3 2020 - 2021	**Future Budget Required (Years 4 - 10)**	**Total Project Value (Amounts in $'s)**
STREETS	1,516.5	79.1	**7,058.0**				8,653,600
STORM WATER	6.6						6,600
WASTEWATER	3.6						3,600
WATER	68.1						68,100
GAS	3.4						3,400
TOTAL:	1,598.2	79.1	**7,058.0**				**$ 8,735,300**
Source of Funds							
G.O. Street Bond 2004	1,514.5	79.1	**1,158.0**				2,751,600
G.O. Street Bond 2008	0.2		**5,900.0**				5,900,200
Tax Notes	1.8						1,800
Revenue Bonds	81.7						81,700
TOTAL:	1,598.2	79.1	**7,058.0**				**$ 8,735,300**

OPERATIONAL IMPACT:

An operational budget impact cannot be determined until a final project scope has been developed. This project will impact the area with benefits to economic development and tourism.

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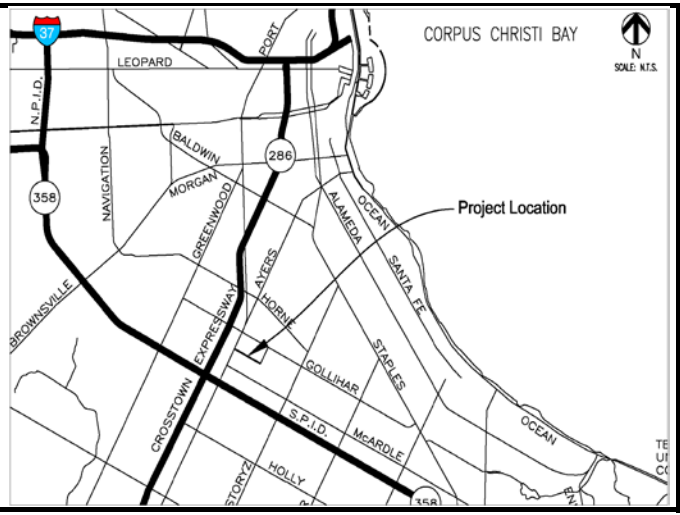
PROJECT DESCRIPTION

Community Development Block Grant Sequence #32

PROJECT TITLE: Sunnybrook Road Sidewalk Improvements - Ayers to Evelyn, Phase 1

Consistency with the Comprehensive Plan; Policy Statements pp. 25-32.

DESCRIPTION:
This project will provide approximately 2,150 LF of new sidewalk and drainage to improve access and safety for pedestrians and bicyclists with construction of new ADA compliant sidewalk and curb ramps and underground drainage on one side of the street. The existing roadway has grassy roadside ditches typically used by pedestrians and bicyclists leading onto the unprotected roadway. This project is contingent upon receipt of Community Development Block Grant Funding.



PROJECT NOTES:

Finance Project No:	TBD
Engineering Project No:	TBD
A/E Consultant:	TBD
Contractor:	TBD
Award Design:	TBD
Award Construction:	TBD
Anticipated Completion:	TBD

FUNDING SCHEDULE (Amount in 000's)

Use of Funds	Project-to-Date Obligations July 2018	Unspent Prior Budget as of July 2018	**CIP Budget Year 1 2018 - 2019**	Year 2 2019 - 2020	Year 3 2020 - 2021	**Future Budget Required (Years 4 - 10)**	**Total Project Value (Amounts in $'s)**
STREETS			**398.5**				398,500
STORM WATER			**122.5**				122,500
WASTEWATER							-
WATER							-
GAS							-
TOTAL:			**521.0**				**$ 521,000**
Source of Funds							
Community Dev Block Grant			**398.5**				398,500
Revenue Bonds			**122.5**				122,500
TOTAL:			**521.0**				**$ 521,000**

OPERATIONAL IMPACT:

There is no direct operational budget impact. This project will provide ADA compliant sidewalks and improved drainage and provide a safer environment.

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PROJECT DESCRIPTION

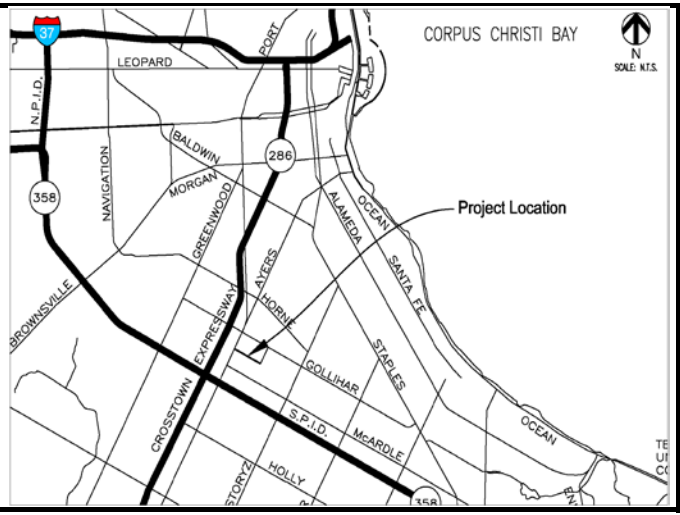
Community Development Block Grant Sequence #33

PROJECT TITLE: Sunnybrook Road Sidewalk Improvements - Ayers to Evelyn, Phase 2

Consistency with the Comprehensive Plan; Policy Statements pp. 25-32.

DESCRIPTION:

This project will provide approximately 2,150 LF of new sidewalk and drainage to improve access and safety for pedestrians and bicyclists with construction of new ADA compliant sidewalk and curb ramps and underground drainage on one side of the street. The existing roadway has grassy roadside ditches typically used by pedestrians and bicyclists leading onto the unprotected roadway. This project is contingent upon receipt of Community Development Block Grant Funding.



PROJECT NOTES:

Finance Project No:	TBD
Engineering Project No:	TBD
A/E Consultant:	TBD
Contractor:	TBD
Award Design:	TBD
Award Construction:	TBD
Anticipated Completion:	TBD

FUNDING SCHEDULE (Amount in 000's)

Use of Funds	Project-to-Date Obligations July 2018	Unspent Prior Budget as of July 2018	**CIP Budget Year 1 2018 - 2019**	Year 2 2019 - 2020	Year 3 2020 - 2021	**Future Budget Required (Years 4 - 10)**	**Total Project Value (Amounts in $'s)**
STREETS			**398.5**				398,500
STORM WATER			**122.5**				122,500
WASTEWATER							-
WATER							-
GAS							-
TOTAL:			**521.0**				**$ 521,000**
Source of Funds							
Community Dev Block Grant			**398.5**				398,500
Revenue Bonds			**122.5**				122,500
TOTAL:			**521.0**				**$ 521,000**

OPERATIONAL IMPACT:

There is no direct operational budget impact. This project will provide ADA compliant sidewalks and improved drainage and provide a safer environment.

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PROJECT DESCRIPTION

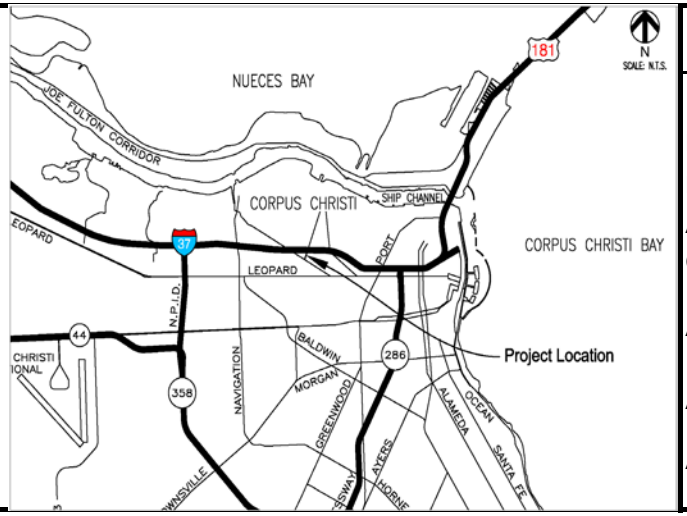
Community Development Block Grant Sequence #34

PROJECT TITLE: Poth Lane Sidewalk improvements - Up River Road to IH 37, Phase 1

Consistency with the Comprehensive Plan; Policy Statements pp. 25-32.

DESCRIPTION:

This project will provide approximately 750 LF of new sidewalk and drainage to improve access and safety for pedestrians and bicyclists with construction of new ADA compliant sidewalk and curb ramps and underground drainage on one side of the street. The existing roadway has grassy roadside ditches typically used by pedestrians and bicyclists leading onto the unprotected roadway. This project is contingent upon receipt of Community Development Block Grant Funding.



PROJECT NOTES:

Finance Project No:	TBD
Engineering Project No:	TBD
A/E Consultant:	TBD
Contractor:	TBD
Award Design:	TBD
Award Construction:	TBD
Anticipated Completion:	TBD

FUNDING SCHEDULE (Amount in 000's)

Use of Funds	Project-to-Date Obligations July 2018	Unspent Prior Budget as of July 2018	**CIP Budget Year 1 2018 - 2019**	Year 2 2019 - 2020	Year 3 2020 - 2021	**Future Budget Required (Years 4 - 10)**	**Total Project Value (Amounts in $'s)**
STREETS			**268.7**				268,700
STORM WATER			**102.6**				102,600
WASTEWATER							-
WATER							-
GAS							-
TOTAL:			**371.3**				**$ 371,300**
Source of Funds							
Community Dev Block Grant			**268.7**				268,700
Revenue Bonds			**102.6**				102,600
TOTAL:			**371.3**				**$ 371,300**

OPERATIONAL IMPACT:

There is no direct operational budget impact. This project will provide ADA compliant sidewalks and improved drainage and provide a safer environment.

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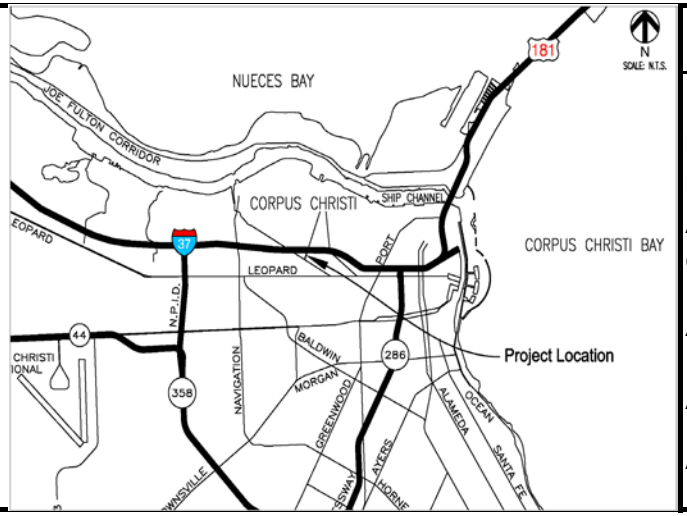
PROJECT DESCRIPTION

Community Development Block Grant Sequence #35

PROJECT TITLE: Poth Lane Sidewalk improvements - Up River Road to IH 37, Phase 2

Consistency with the Comprehensive Plan; Policy Statements pp. 25-32.

DESCRIPTION:
This project will provide approximately 750 LF of new sidewalk and drainage to improve access and safety for pedestrians and bicyclists with construction of new ADA compliant sidewalk and curb ramps and underground drainage on one side of the street. The existing roadway has grassy roadside ditches typically used by pedestrians and bicyclists leading onto the unprotected roadway. This project is contingent upon receipt of Community Development Block Grant Funding.



PROJECT NOTES:

Finance Project No:	TBD
Engineering Project No:	TBD
A/E Consultant:	TBD
Contractor:	TBD
Award Design:	TBD
Award Construction:	TBD
Anticipated Completion:	TBD

FUNDING SCHEDULE (Amount in 000's)

Use of Funds	Project-to-Date Obligations July 2018	Unspent Prior Budget as of July 2018	**CIP Budget Year 1 2018 - 2019**	Year 2 2019 - 2020	Year 3 2020 - 2021	**Future Budget Required (Years 4 - 10)**	**Total Project Value (Amounts in $'s)**
STREETS			**268.7**				268,700
STORM WATER			**102.6**				102,600
WASTEWATER							-
WATER							-
GAS							-
TOTAL:			**371.3**				**$ 371,300**
Source of Funds							
Community Dev Block Grant			**268.7**				268,700
Revenue Bonds			**102.6**				102,600
TOTAL:			**371.3**				**$ 371,300**

OPERATIONAL IMPACT:

There is no direct operational budget impact. This project will provide ADA compliant sidewalks and improved drainage and provide a safer environment.

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PROJECT DESCRIPTION

TYPE B Board Sales Tax: STREETS Sequence #36

PROJECT TITLE: Everhart Road - Holly Road to South Padre Island Drive

Consistency with the Comprehensive Plan; Policy Statements pp. 25-32; Transportation Master Plan

DESCRIPTION:
This project consists of reconstruction of existing 5-lane roadway with new pavement, curb & gutter, sidewalk, ADA compliant curb ramps, signage, pavement markings, traffic signalization improvements, and concrete bus pads.

PROJECT NOTES:

Project No:	18014A
A/E Consultant:	Freese & Nichols, Inc.
Contractor:	TBD
Award Design:	Jun 2018
Award Construction:	Apr 2019
Anticipated Completion:	Oct 2020

FUNDING SCHEDULE (Amount in 000's)

Use of Funds	Project-to-Date Obligations July 2018	Unspent Prior Budget as of July 2018	**CIP Budget Year 1 2018 - 2019**	Year 2 2019 - 2020	Year 3 2020 - 2021	**Future Budget Required (Years 4 - 10)**	**Total Project Value (Amounts in $'s)**
STREETS	1,123.7		**2,650.0**	2,650.0			**6,423,700**
STORM WATER			**962.5**	412.5			**1,375,000**
WASTEWATER			**2,791.3**	1,196.3			**3,987,500**
WATER			**1,540.0**	660.0			**2,200,000**
GAS			**175.0**	75.0			**250,000**
TOTAL:	1,123.7		**8,118.8**	4,993.8			**$ 14,236,200**
Source of Funds							
Bond Issue 2008 Reserves	300.0						**300,000**
Bond Issue 2014 Reserves	823.7						**823,700**
Type B Board Sales Tax			**2,650.0**	2,650.0			**5,300,000**
Revenue Bond			**5,468.8**	2,343.8			**7,812,500**
TOTAL:	1,123.7		**8,118.8**	4,993.8			**$ 14,236,200**

OPERATIONAL IMPACT:

There is no direct operational budget impact. This project will improve the road and transportation safety.

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PROJECT DESCRIPTION

TYPE B Board Sales Tax: STREETS Sequence #37

PROJECT TITLE: Slough Road - Rodd Field Road to Amethyst Drive

Consistency with the Comprehensive Plan; Policy Statements pp. 25-32; Transportation Master Plan

DESCRIPTION:

Reconstruction and widening of existing 2-lane roadway with roadside ditches to a 3-lane roadway with new HMAC, curb & gutter, sidewalk, ADA compliant curb ramps, signage, pavement markings, and illumination improvements. Consideration will be given for improvements to bike mobility per the adopted MPO bicycle mobility plan. Project will include extension of County Road 7B with Developer Participation funds to improve temporary access (detour) during construction of Slough Road.

PROJECT NOTES:

Project No:	18042A
A/E Consultant:	Munoz Engineering
Contractor:	TBD
Award Design:	Jun 2018
Award Construction:	May 2019
Anticipated Completion:	Feb 2020

FUNDING SCHEDULE (Amount in 000's)

Use of Funds	Project-to-Date Obligations July 2018	Unspent Prior Budget as of July 2018	**CIP Budget Year 1 2018 - 2019**	Year 2 2019 - 2020	Year 3 2020 - 2021	**Future Budget Required (Years 4 - 10)**	**Total Project Value (Amounts in $'s)**
STREETS	749.2		**2,550.0**	750.0			**4,049,200**
STORM WATER			**1,155.0**	495.0			**1,650,000**
WASTEWATER			**50.0**				**50,000**
WATER			**150.0**				**150,000**
GAS			**50.0**				**50,000**
TOTAL:	749.2		**3,955.0**	1,245.0			**$ 5,949,200**
Source of Funds							
Bond Issue 2008 Reserves	300.0						**300,000**
Bond Issue 2014 Reserves	449.2						**449,200**
Type B Board Sales Tax			**1,750.0**	750.0			**2,500,000**
Developer Participation			**800.0**				**800,000**
Revenue Bond			**1,405.0**	495.0			**1,900,000**
TOTAL:	749.2		**3,955.0**	1,245.0			**$ 5,949,200**

OPERATIONAL IMPACT:

There is no direct operational budget impact. This project will improve the road and increase vehicular capacity and transporation safety.

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PROJECT DESCRIPTION

TYPE B Board Sales Tax: STREETS Sequence #38

PROJECT TITLE: Holly Road - Rodd Field to Ennis Joslin

Consistency with the Comprehensive Plan; Policy Statements pp. 25-32; Transportation Master Plan

DESCRIPTION:

Reconstruction and widening of existing 2-lane roadway with roadside ditches to a 3-lane roadway with new pavement, curb & gutter, sidewalk, ADA compliant curb ramps, signage, and pavement markings. Consideration will be given for improvements to bike mobility per the adopted MPO bicycle mobility plan.

PROJECT NOTES:

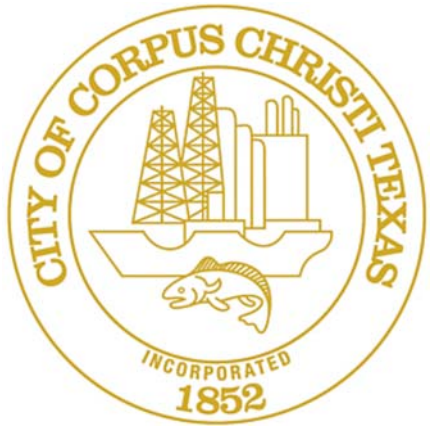
Project No:	18021A
A/E Consultant:	LNV, Inc.
Contractor:	TBD
Award Design:	June 2018
Award Construction:	June 2019
Anticipated Completion:	June 2020

FUNDING SCHEDULE (Amount in 000's)

Use of Funds	Project-to-Date Obligations July 2018	Unspent Prior Budget as of July 2018	**CIP Budget Year 1 2018 - 2019**	Year 2 2019 - 2020	Year 3 2020 - 2021	**Future Budget Required (Years 4 - 10)**	**Total Project Value (Amounts in $'s)**
STREETS	1,092.9		**915.0**	2,135.0			**4,142,900**
STORM WATER			**3,134.4**	4,701.6			**7,836,000**
WASTEWATER			**27.5**	41.3			**68,750**
WATER			**1,473.5**	2,210.2			**3,683,630**
GAS			**21.2**	21.2			**42,360**
TOTAL:	1,092.9		**5,571.5**	9,109.2			**$ 15,773,640**
Source of Funds							
Bond Issue 2008 Reserves	300.0						**300,000**
Bond Issue 2014 Reserves	792.9						**792,900**
Type B Board Sales Tax			**915.0**	2,135.0			**3,050,000**
Revenue Bond			**4,656.5**	6,974.2			**11,630,740**
TOTAL:	1,092.9		**5,571.5**	9,109.2			**$ 15,773,640**

OPERATIONAL IMPACT:

There is no direct operational budget impact. This project will improve the road and accommodate heavier traffic flows and provide a safer driving experience.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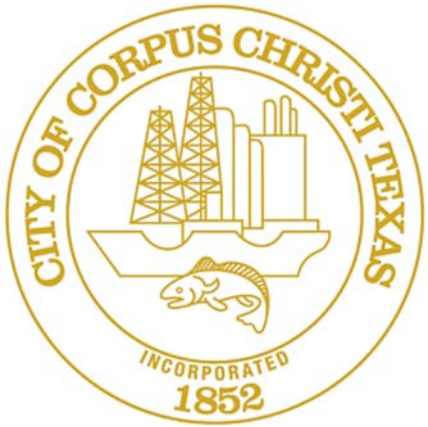
GAS

Obligation to the Future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CITY OF CORPUS CHRISTI GAS PROGRAM

This year's Gas Department Capital Improvement Program represents a large investment for the City's natural gas system to address increased growth in the area, expand market development and invest in the infrastructure needs of the system. Previous pipeline replacement and expansion projects have come together to improve service, reliability, cut costs, and adequately plan for the future of our distribution system.

Currently, the Gas Department is responsible for over 1,300 miles of distribution gas mains with more than 54,000 active residential and commercial customers. This amounts to the purchase and delivery of approximately 3,600,000 MCF (Thousand Cubic Feet) of natural gas per year.

Included in this year's Capital Improvement Program are several projects which include a new CNG station, Pipe replacement, and pipe expansion projects. The new CNG station will complement the Ayers Station that was completed in 2017 and will be located on the North West side of town to serve customers traveling the HWY 37 and Hwy 77 Corridor. Pipe replacement project funds will be used for the replacement of aging infrastructure through-out the City in support of the Gas Departments Distribution Integrity Management Program. Expansion project funds will be utilized for expansion of the system in new neighborhoods and commercial districts. These funds will also be used to connect the last of the 5 original districts to the City's main high-pressure district. In addition to the projects listed, the Gas Capital Improvement Program Budget includes funds to support City street projects that require upgrading or moving gas transmission lines.

The Gas Department is committed to providing quality service and competitive pricing for their natural gas customers. The program addresses future growth with potential market development and improved citywide service and reliability.

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A recap of the budgeted expenditures includes:

EXPENDITURES:	**YEAR ONE 2018 – 2019**	YEAR TWO 2019– 2020	YEAR THREE 2021 – 2022
TOTAL PROGRAMMED EXPENDITURES:	**$ 9,808,400**	$ 5,487,000	$ 4,431,000
FUNDING:			
New Debt (Revenue Bonds)	**$ 9,808,400**	$ 5,487,000	$ 4,431,000
TOTAL PROGRAMMED FUNDS:	**$ 9,808,400**	$ 5,487,000	$ 4,431,000

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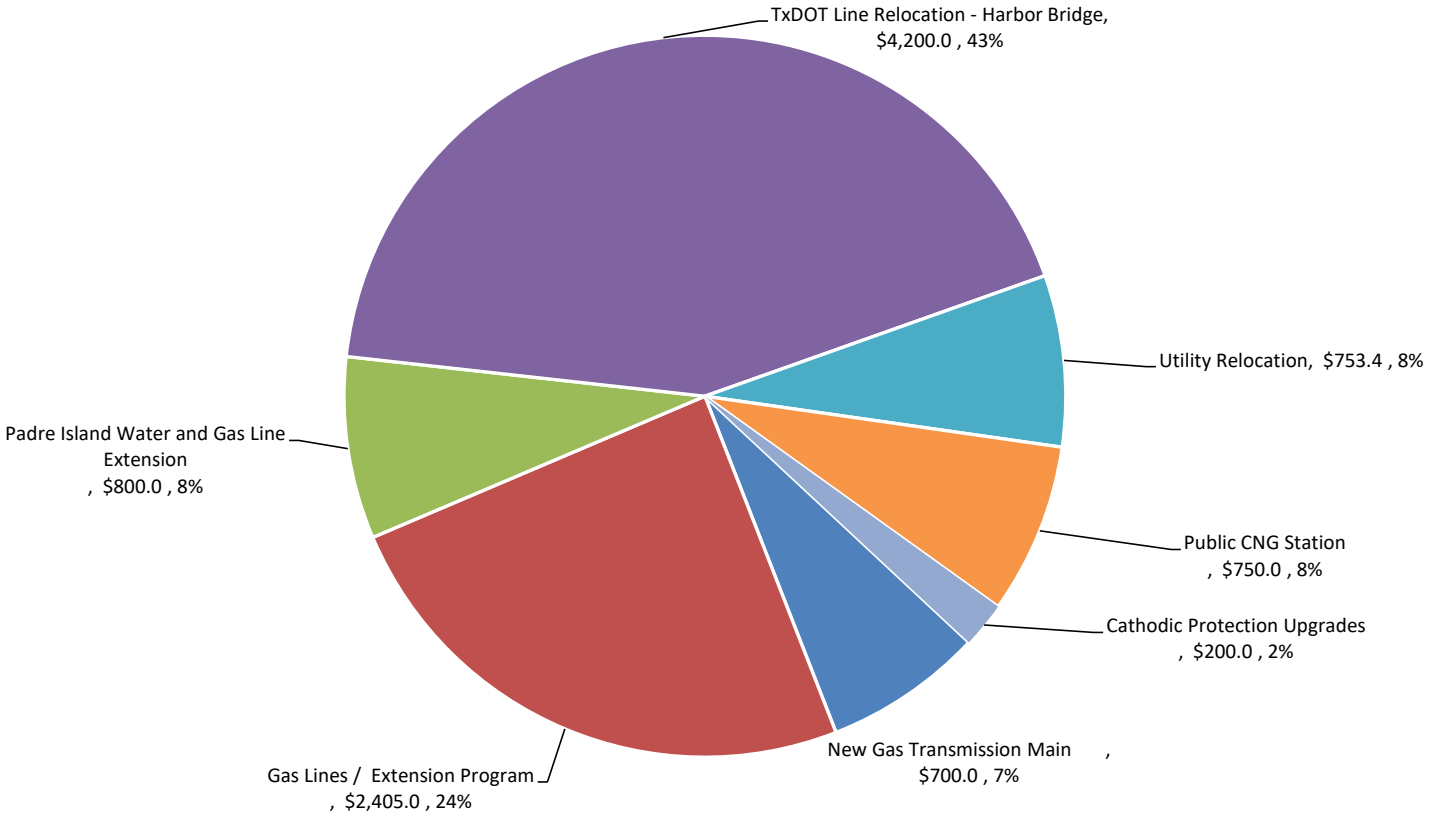
GAS
Annual CIP: $9,808.4
(Amounts in 000's)



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GAS
SHORT-RANGE CIP
(Amounts in 000's)

Seq #	Project Name	Project-to-Date Obligations July 2018	Unspent Prior Budget as of July 2018	**CIP Budget Year 1 2018 - 2019**	Year 2 2019 - 2020	Year 3 2021 - 2022	**Three Year Total**
GA 01	**New Gas Transmission Main** Finance and Engineering Number: E12131	343.0		**700.0**	700.0	700.0	**2,100.0**
GA 02	**Gas Lines / Regulator Stations Replacement / Extension Program** Finance and Engineering Number: E12132	2,010.7		**2,405.0**	2,405.0	2,405.0	**7,215.0**
GA 03	**Padre Island Water and Gas Line Extension** Finance and Engineering Number: E16325	86.3		**800.0**			**800.0**
GA 04	**Public CNG Station** Finance and Engineering Number: TBD			**750.0**	250.0		**1,000.0**
GA 05	**Cathodic Protection Upgrades** Finance and Engineering Number: E13022	129.1		**200.0**	200.0	200.0	**600.0**
GA 06	**TxDOT Gas Line Relocation (Harbor Bridge)** Finance and Engineering Number: E15162			**4,200.0**			**4,200.0**
	Gas Program Sub-Total:	2,569.1	-	**9,055.0**	**3,555.0**	**3,305.0**	**15,915.0**

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GAS
SHORT-RANGE CIP
(Amounts in 000's)

Seq #	Project Name	Project-to-Date Obligations July 2018	Unspent Prior Budget as of July 2018	**CIP Budget Year 1 2018 - 2019**	Year 2 2019 - 2020	Year 3 2021 - 2022	**Three Year Total**
	***Utility Relocation Costs for Bond 2008**	3.4					
	***Utility Relocation Costs for Bond 2012**	421.0		**172.3**		26.0	**198.3**
	***Utility Relocation Costs for Bond 2014**	301.0		**116.5**			**116.5**
	***Utility Relocation Costs for Bond 2016**			**5.0**			**5.0**
	***Utlity Relocation Costs for Type B Sales Tax Projects**			**246.2**	96.2		**342.4**
	***Utility Relocation Costs for Bond 2018 Prop A & B**			**213.4**	1,835.8	1,100.0	**3,149.2**
	TOTAL PROGRAMMED EXPENDITURES:	**3,294.5**	**-**	**9,808.4**	**5,487.0**	**4,431.0**	**19,726.4**

** relocation costs and funding reflected within each specific Streets Program*

PROGRAM FUNDING SCHEDULE:

CURRENTLY AVAILABLE FUNDING:

	Revenue Bond	**3,294.5**					
	Total Currently Available:	**3,294.5**					

RECOMMENDED ADDITIONAL FUNDING:

	Revenue Bond			**9,808.4**	**5,487.0**	**4,431.0**	**19,726.4**
	TOTAL PROGRAMMED FUNDS:	**3,294.5**	**-**	**9,808.4**	**5,487.0**	**4,431.0**	**19,726.4**

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PROJECT DESCRIPTION

Department: GAS

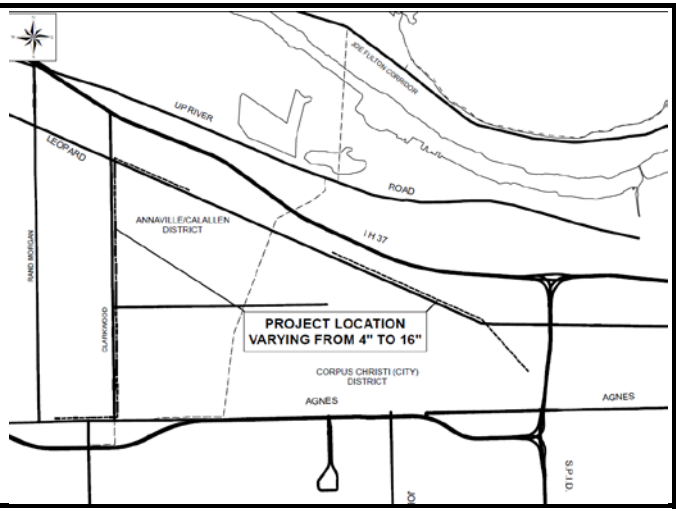
Sequence #01

PROJECT TITLE: New Gas Transmission Main

Consistency with the Comprehensive Plan: Policy Statements pg. 48: 1,3 & 6; pp. 55, 56, 60 & 61

DESCRIPTION:

This project consists of installing approximately 35,000 feet of high pressure mains varying in size from 4 to 16 inches. This will connect existing City distribution system to the Annaville/Calallen distribution system. Connecting the two system will increase reliability and capacity to Annaville/Calallen area. This project will be completed by City crews.



PROJECT NOTES:

Parent Project No:	E12131
A/E Consultant:	In House
Contractor:	City
Award Design:	N/A
Award Construction:	On-Going
Anticipated Completion:	On-Going

FUNDING SCHEDULE (Amounts in 000's)

Use of Funds	Project-to-Date Obligations July 2018	Unspent Prior Budget as of July 2018	**CIP Budget Year 1 2018 - 2019**	Year 2 2019 - 2020	Year 3 2020 - 2021	**Future Budget Required (Years 4 - 10)**	**Total Project Value (Amounts in $'s)**
Design & Engineering	48.5		**150.0**	150.0	150.0		498,500.00
Construction	288.4		**460.0**	460.0	460.0		1,668,400.00
Contingency			**40.0**	40.0	40.0		120,000.00
Inspection/Other	6.1		**50.0**	50.0	50.0		156,100.00
TOTAL:	343.0	-	**700.0**	700.0	700.0		**$ 2,443,000**
Source of Funds							
Revenue Bonds	343.0		**700.0**	700.0	700.0		2,443,000
TOTAL:	343.0	-	**700.0**	700.0	700.0		**$ 2,443,000**

OPERATIONAL IMPACT:

The impact is negligible to the annual operating budget. Work will increase capacity to market additional gas volume to Annaville and Calallen areas and potentially increase revenues.

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PROJECT DESCRIPTION

Department: GAS

Sequence #02

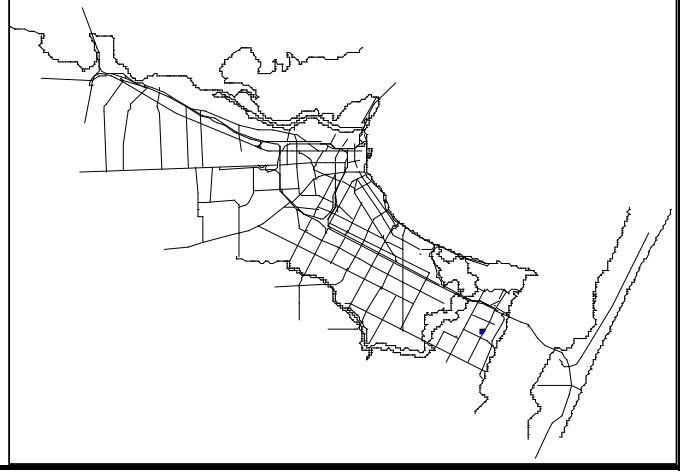
PROJECT TITLE: Gas Lines / Regulator Stations Replacement / Line Extension Program

Consistency with the Comprehensive Plan: Policy Statements pg. 48: 1,3 & 6; pp. 55, 56, 60 & 61

DESCRIPTION:

This project involves assessment and replacement of existing City gas pipelines at or beyond, their useful service life. Lines and regulator stations in the most deteriorated condition, and those creating the most severe maintenance issues, will be prioritized for replacement. This project will also extend existing lines, opening up new service opportunities and support gas line improvements to programmed street and utilities projects that arise during the year.

CITY WIDE



PROJECT NOTES:

Parent Project No:	E12132
A/E Consultant:	In House
Contractor:	City
Award Design:	N/A
Award Construction:	On-Going
Anticipated Completion:	On-Going

FUNDING SCHEDULE (Amounts in 000's)

Use of Funds	Project-to-Date Obligations July 2018	Unspent Prior Budget as of July 2018	**CIP Budget Year 1 2018 - 2019**	Year 2 2019 - 2020	Year 3 2020 - 2021	**Future Budget Required (Years 4 - 10)**	**Total Project Value (Amounts in $'s)**
Design & Engineering	70.9		**180.0**	180.0	180.0	1,153.0	1,763,900
Construction	920.9		**1,850.0**	1,850.0	1,850.0	11,530.0	18,000,900
Contingency			**185.0**	185.0	185.0	1,153.0	1,708,000
Inspection/Other	1,018.9		**190.0**	190.0	190.0	584.0	2,172,900
TOTAL:	2,010.7	-	**2,405.0**	2,405.0	2,405.0	14,420.0	**23,645,700**
Source of Funds							
Revenue Bonds	2,010.7		**2,405.0**	2,405.0	2,405.0	14,420.0	23,645,700
TOTAL:	2,010.7	-	**2,405.0**	2,405.0	2,405.0	14,420.0	**$ 23,645,700**

OPERATIONAL IMPACT:

This program allows strategic system recapitalization to prevent future line breakages and interruption of service due to aging infrastructure and also avoids major rate fluxuations.

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PROJECT DESCRIPTION

Department: GAS

Sequence #03

PROJECT TITLE: Padre Island Water and Gas Line Extension

Consistency with the Comprehensive Plan: Policy Statements pp. 48: 1,3 & 6; pp. 55-57; Gas Master Plan

DESCRIPTION:

This project constructs a new 8-inch diameter natural gas line parallel to water main on the island from approximately Aquarius Street to Sand Dollar pumping station. This improvement will meet requirements of Texas Railroad Commission (TRRC) to interconnect with Corpus Christi distribution system as stated in Gas Department Business Plan.

PROJECT NOTES:

Parent Project No: E16325

A/E Consultant: Urban Engineering

Contractor: IDIQ Program

Award Design: Nov 2016

Award Construction: FY 2019

Anticipated Completion: FY 2019

FUNDING SCHEDULE (Amounts in 000's)

Use of Funds	Project-to-Date Obligations July 2018	Unspent Prior Budget as of July 2018	**CIP Budget Year 1 2018 - 2019**	Year 2 2019 - 2020	Year 3 2020 - 2021	**Future Budget Required (Years 4 - 10)**	**Total Project Value (Amounts in $'s)**
Design & Engineering	80.6						80,600
Construction			**650.0**				650,000
Contingency			**65.0**				65,000
Inspection/Other	5.7		**85.0**				90,700
TOTAL:	86.3	-	**800.0**				**$ 886,300**
Source of Funds							
Revenue Bonds	86.3		**800.0**				886,300
TOTAL:	86.3	-	**800.0**				**$ 886,300**

OPERATIONAL IMPACT:

This project will decrease operational cost and end-user rate.

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PROJECT DESCRIPTION

Department: GAS

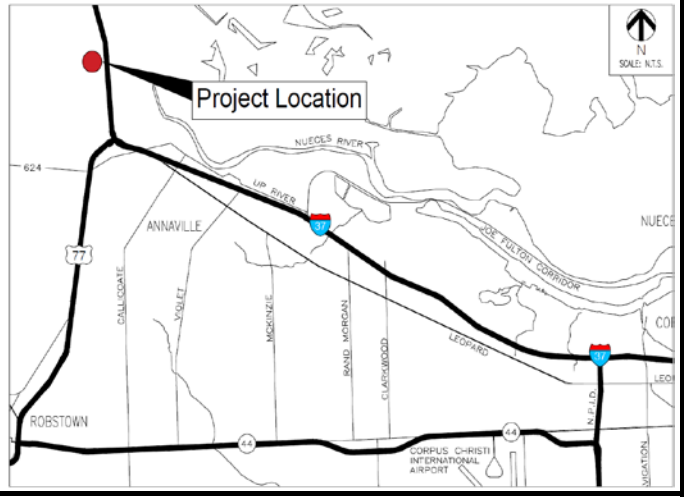
Sequence #04

PROJECT TITLE: Public CNG Station

Consistency with the Comprehensive Plan: Policy Statements pp. 48: 1,3 & 6; pp. 55-57; Gas Master Plan

DESCRIPTION:

City Council discussed fuel and maintenance cost savings and emission reduction for a cleaner environment afforded through use of Compressed Natural Gas (CNG). The City has committed to providing CNG not only for City fleets but also for commercial fleets and private customers. Public and private fleets include US Post Office, AT&T, Nueces County, Texas Railroad Commission, Republic Services, CC Disposal, and private customers. Demand of CNG has almost doubled from 17,000 GGE (Gasoline Gallon Equivalence) to 33,000 GGE since November 2013. A new CNG station has been constructed at Ayers street. This CIP project will re-furbish equipment from old Hygeia station and use it for another medium size station on West side of town.



PROJECT NOTES:

Parent Project No:	TBD
A/E Consultant:	In House
Contractor:	In House
Award Design/Build:	N.A
Anticipated Completion:	N.A

FUNDING SCHEDULE (Amounts in 000's)

Use of Funds	Project-to-Date Obligations July 2018	Unspent Prior Budget as of July 2018	**CIP Budget Year 1 2018 - 2019**	Year 2 2019 - 2020	Year 3 2020 - 2021	**Future Budget Required (Years 4 - 10)**	**Total Project Value (Amounts in $'s)**
Design & Engineering							
Design/Build Construction							
Contingency							
Inspection/Other			**750.0**	250.0			1,000,000
TOTAL:			**750.0**	250.0			**$ 1,000,000**
Source of Funds							
Revenue Bonds			**750.0**	250.0			1,000,000
TOTAL:			**750.0**	250.0			**$ 1,000,000**

OPERATIONAL IMPACT:

This project will better serve the customers on East and West side of town.

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PROJECT DESCRIPTION

Department: GAS

Sequence #05

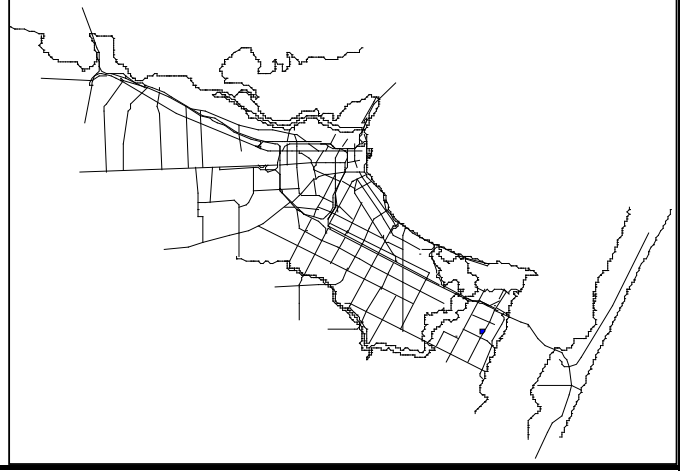
PROJECT TITLE: Cathodic Protection Upgrades

Consistency with the Comprehensive Plan: Policy Statements pp. 48: 1,3 & 6; pp. 55-57;

DESCRIPTION:

This project proposes design and construction to upgrade current city-wide high pressure distribution system from Sacrificial Anode Cathodic Protection System to Impressed Current Cathodic Protection System. The Impressed Current system is more effective at protecting larger mains from external corrosion. This system also uses anodes that have longer effective lifespan and will reduce anode replacement costs.

CITY WIDE



PROJECT NOTES:

Parent Project No:	E13022
A/E Consultant:	In-House
Contractor:	TBD
Award Design:	TBD
Award Construction:	On-Going
Anticipated Completion:	On-Going

FUNDING SCHEDULE (Amounts in 000's)

Use of Funds	Project-to-Date Obligations July 2018	Unspent Prior Budget as of July 2018	**CIP Budget Year 1 2018 - 2019**	Year 2 2019 - 2020	Year 3 2020 - 2021	**Future Budget Required (Years 4 - 10)**	**Total Project Value (Amounts in $'s)**
Design & Engineering	51.1						51,100
Equipment Purchases	59.5		**180.0**	180.0	180.0	340.0	939,500
Contingency							
Inspection/Other	18.5		**20.0**	20.0	20.0	60.0	138,500
TOTAL:	129.1		**200.0**	200.0	200.0	400.0	**$ 1,129,100**
Source of Funds							
Revenue Bonds	129.1		**200.0**	200.0	200.0	400.0	1,129,100
TOTAL:	129.1	-	**200.0**	200.0	200.0	400.0	**$ 1,129,100**

OPERATIONAL IMPACT:

This project will decrease long term operational and maintenance cost.

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Department: GAS

Sequence #06

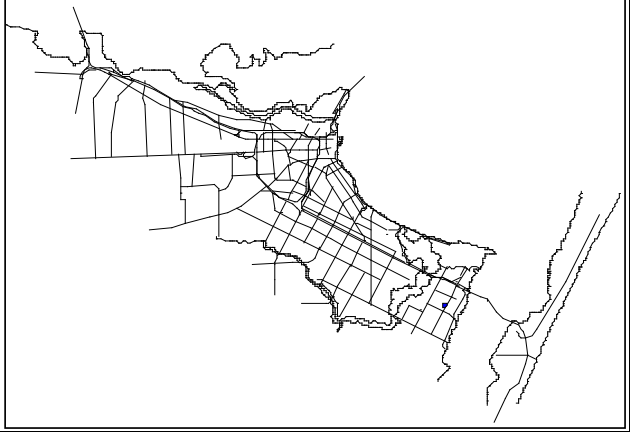
PROJECT TITLE: Texas Department of Transportation Gas Line Relocation (Harbor Bridge)

Consistency with the Comprehensive Plan: Policy Statements pg. 48: 1,3 & 6; pp. 55, 56, 60 & 61

DESCRIPTION:

This project involves the relocation of gas mains as required by the Texas Department of Transportation (TxDOT). These funds are dedicated to the proposed relocation of existing mains to meet the construction schedule of the Harbor Bridge project. TxDOT will be responsible for the design and construction of any utility relocations and the city will participate through funding assistance.

CITY WIDE



PROJECT NOTES:

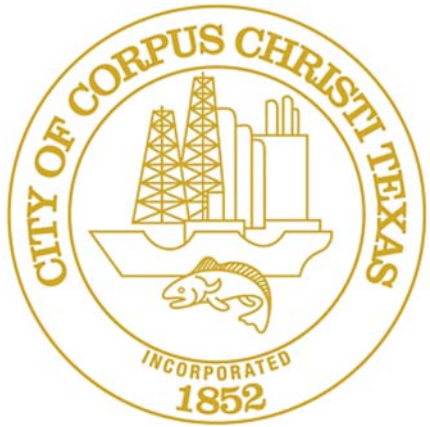
Parent Project No:	E15162
A/E Consultant:	Lyle & Perossa
Contractor:	Tracker Energy
Award Design:	3/1/2018
Award Construction:	FY 2018
Anticipated Completion:	FY 2019

FUNDING SCHEDULE (Amounts in 000's)

Use of Funds	Project-to-Date Obligations July 2018	Unspent Prior Budget as of July 2018	**CIP Budget Year 1 2018 - 2019**	Year 2 2019 - 2020	Year 3 2020 - 2021	**Future Budget Required (Years 4 - 10)**	**Total Project Value (Amounts in $'s)**
Design & Engineering							-
Construction			**4,200.0**				4,200,000
Contingency							-
Inspection/Other							-
TOTAL:	-	-	**4,200.0**	-	-	-	**4,200,000**
Source of Funds							
Revenue Bonds	-		**4,200.0**	-	-	-	4,200,000
TOTAL:	-	-	**4,200.0**	-	-	-	**$ 4,200,000**

OPERATIONAL IMPACT:

This program allows strategic system replacement of impacted infrastructure due to the new Harbor Bridge.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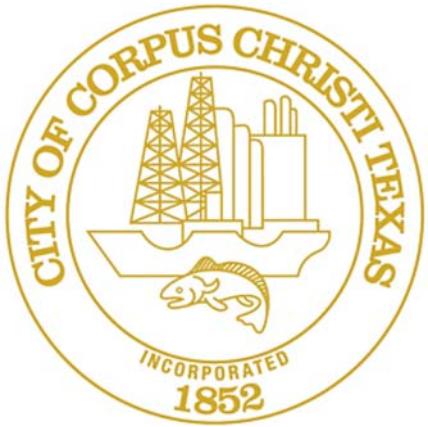
City of Corpus Christi, Texas

Storm Water

Obligation to the Future


CITY OF CORPUS CHRISTI TEXAS
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CITY OF CORPUS CHRISTI
STORM WATER PROGRAM

This year's Storm Water Capital Improvement Program represents a significant investment in the City's storm water system to address increased development and critical storm water infrastructure throughout the City. Planned improvements will allocate resources for improving major and minor channels, underground main trunk lines, box culverts, collection systems, curb & gutter, inlets and outfall structures. Significant initiatives included in the Capital Improvement Program focus on ensuring compliance with state and federal regulatory requirements and planning to address the capacity limitations of existing systems. The City of Corpus Christi's Storm Water Department is currently responsible for two major drainage pump stations, over 100 miles of major ditches, 370 miles of collector ditches, 110 bridges, over 600 miles of underground storm drain pipes with 6,500 manholes, and 1800 miles of curb & gutter with 19,000 inlets and various smaller ditches, driveway culverts and natural drainage systems.

Projects are included to address drainage within the La Volla Creek and Oso Creek areas and support of Bond 2016, Bond 2014 and Bond 2012 projects, and the Storm Water Drainage Master Plan.

Over the next several years, the integrity of the City's Storm Water facilities will be improved through projects planned to provide additional capacity and infrastructure lifecycle management. In a proactive, rather than reactive approach, an evaluation of major and minor systems, outfall structures, and bridges, will result in a replacement schedule for the most severe problems needed to reduce overall maintenance challenges, reduce flooding, and improve public safety. Additional work includes implementation of City-wide improvements to the existing major and minor ditches (concrete-lined and earthen), curb & gutter, and underground systems to increase water quality and pollution prevention as required by the City's Texas Pollutant Discharge Elimination System (TPDES) Permit.

In addition to the projects listed, the Storm Water Capital Improvement Program Budget includes over $19.4 M in work to support city street projects that require upgrading or moving storm water mains. These projects include streets listed in the 2016, 2014 and 2012 General Obligation Bond Elections.

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A recap of the budgeted expenditures includes:

	YEAR ONE 2018– 2019	YEAR TWO 2019 – 2020	YEAR THREE 2020 – 2021
TOTAL PROGRAMMED EXPENDITURES:	**$ 28,486,400**	**$ 29,853,300**	**$ 16,496,400**
FUNDING:			
Existing Storm Water Reserves	$ 9,060,900	-0-	-0-
New Debt (Revenue Bonds)	$ 19,425,500	$ 29,853,300	$ 16,496,400
TOTAL PROGRAMMED FUNDS:	**$ 28,486,400**	**$ 29,853,300**	**$ 16,496,400**

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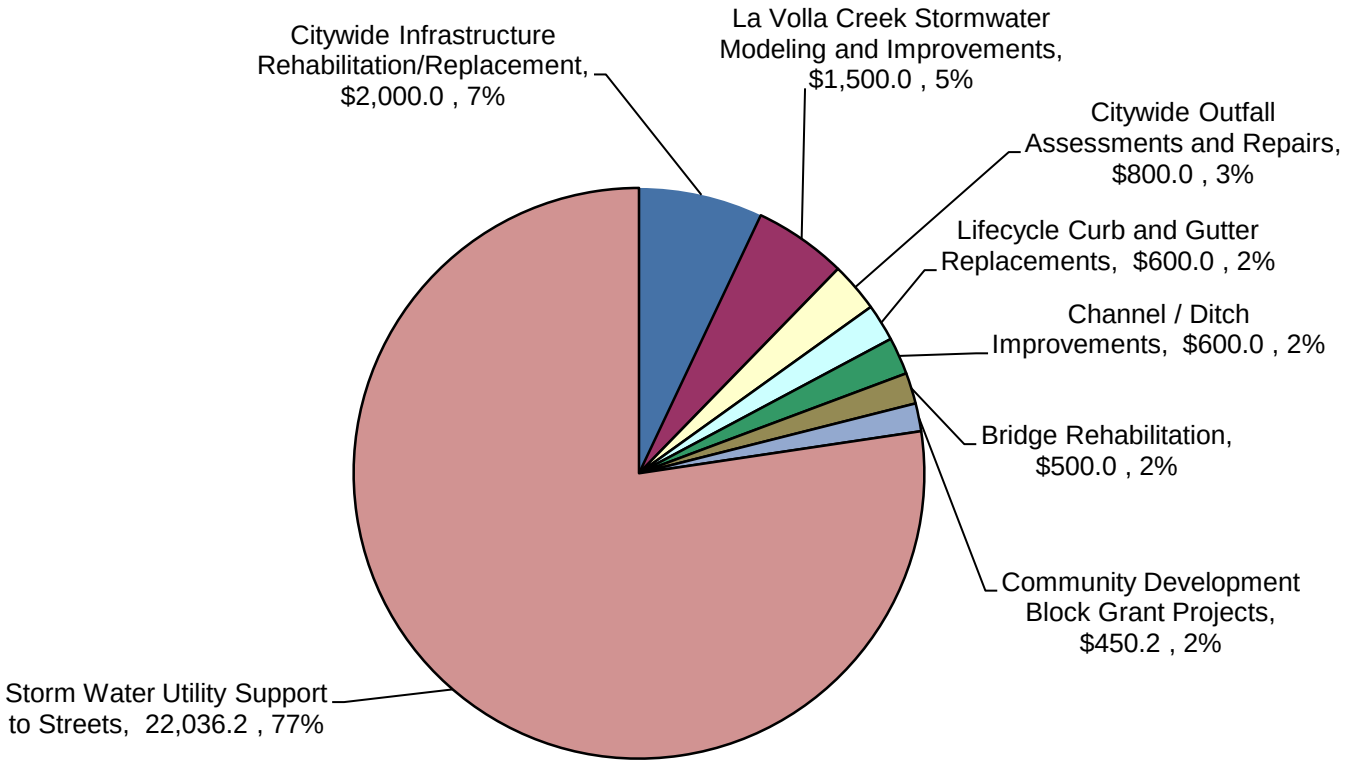
Storm Water
Annual CIP: $28,486.4
(Amounts in 000's)



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STORM WATER
SHORT-RANGE CIP
(Amounts in 000's)

Seq #	Project Name	Project-to-Date Obligations July 2018	Unspent Prior Budget as of July 2018	**CIP Budget Year 1 2018 - 2019**	Year 2 2019 - 2020	Year 3 2020 - 2021	**Three Year Total**
SW 01	**Citywide Storm Water Infrastructure Rehabilitation/Replacement** Finance and Engineering Number: TBD	334.7		**2,000.0**	2,000.0	2,000.0	**6,000.0**
SW 02	**La Volla Creek Storm Water Modeling and Improvements** Finance and Engineering Number: E12191	2,148.7		**1,500.0**	1,000.0	1,000.0	**3,500.0**
SW 03	**Citywide Outfall Assessment and Repairs** Finance and Engineering Number: TBD			**800.0**	800.0	800.0	**2,400.0**
SW 04	**Lifecycle Curb and Gutter Replacement** Finance and Engineering Number: TBD	701.8		**600.0**	600.0	600.0	**1,800.0**
SW 05	**Channel / Ditch Improvements** Finance and Engineering Number: TBD			**600.0**	600.0	600.0	**1,800.0**
SW 06	**Bridge Rehabilitation** Finance and Engineering Number: E12199	413.7		**500.0**	600.0	600.0	**1,700.0**
	Storm Water Program Sub-Total:	3,598.9	-	**6,000.0**	5,600.0	5,600.0	**17,200.0**

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STORM WATER
SHORT-RANGE CIP
(Amounts in 000's)

Seq #	Project Name	Project-to-Date Obligations July 2018	Unspent Prior Budget as of July 2018	**CIP Budget Year 1 2018 - 2019**	Year 2 2019 - 2020	Year 3 2020 - 2021	**Three Year Total**
	***Utility Relocation Costs for Bond 2008**	6.2					
	***Utility Relocation Costs for Bond 2012**	3,782.4		**6,776.2**		**505.0**	**7,281.2**
	***Utility Relocation Costs for Bond 2014**	15,120.0	495.6	**7,737.5**	**2,122.5**		**9,860.0**
	***Utility Relocation Costs for Bond 2016**			**350.0**			**350.0**
	***Utility Relocation Cost for Type B Sales Tax Projects**			**5,251.9**	**5,609.1**		**10,861.0**
	***Community Development Block Grant Projects**			**450.2**			**450.2**
	***Utility Relocation Costs for Bond 2018 Prop A & B**			**1,920.6**	**16,521.7**	**10,391.4**	**28,833.7**
	** relocation costs and funding reflected within each specific Streets Program*						
	TOTAL PROGRAMMED EXPENDITURES:	**18,908.6**	**495.6**	**28,486.4**	**29,853.3**	**16,496.4**	**74,836.1**

PROGRAM FUNDING SCHEDULE:

CURRENTLY AVAILABLE FUNDING:

	Revenue Bond	18,908.6	495.6				
	Storm Water Capital Reserves			**9,060.9**			**9,060.9**
	Total Currently Available:	18,908.6	495.6	**9,060.9**			**9,060.9**

RECOMMENDED ADDITIONAL FUNDING:

	Revenue Bond			**19,425.5**	**29,853.3**	**16,496.4**	**65,775.2**

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STORM WATER
SHORT-RANGE CIP
(Amounts in 000's)

Seq #	Project Name	Project-to-Date Obligations July 2018	Unspent Prior Budget as of July 2018	**CIP Budget Year 1 2018 - 2019**	Year 2 2019 - 2020	Year 3 2020 - 2021	**Three Year Total**
	TOTAL PROGRAMMED FUNDS:	**18,908.6**	**495.6**	**28,486.4**	**29,853.3**	**16,496.4**	**74,836.1**

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PROJECT DESCRIPTION

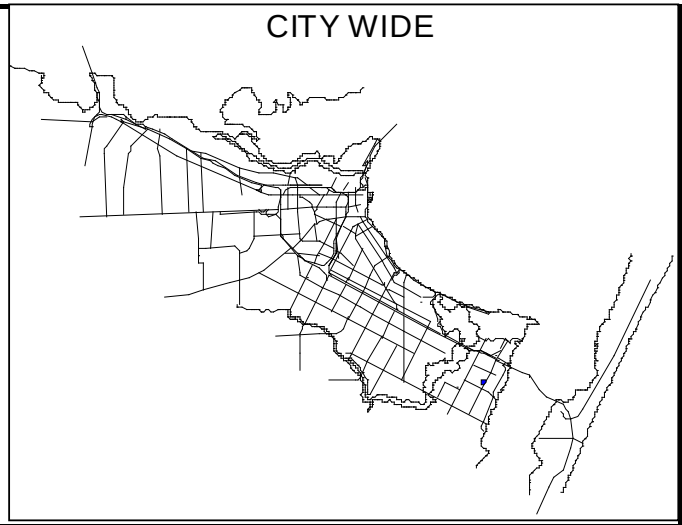
Department: **STORM WATER** Sequence #01

PROJECT TITLE: Citywide Storm Water Infrastructure Rehabilitation/ Replacement

Consistency with the Comprehensive Plan: Policy Statements pg. 48: 1,3 & 6; pp. 55, 56 & 58-60; 2009 Storm Water Master Plan (draft); Sustainability Initiative

DESCRIPTION:

This project will systematically rehabilitate and/or replace aging storm water infrastructure city-wide. Project will assess existing conditions of storm water pipe, ditches, channels, and other aging systems that have reached the end of their useful service life and correct as warranted.



PROJECT NOTES:

Project No:	TBD
A/E Consultant:	LJA
Contractor:	TBD
Award Design:	Mar 2017
Award Construction:	On-Going
Anticipated Completion:	On-Going

FUNDING SCHEDULE (Amount in 000's)

Use of Funds	Project-to-Date Obligations July 2018	Unspent Prior Budget as of July 2018	**CIP Budget Year 1 2018 - 2019**	Year 2 2019 - 2020	Year 3 2020 - 2021	**Future Budget Required (Years 4 - 10)**	**Total Project Value (Amounts in $'s)**
Design & Engineering	294.4		**150.0**	150.0	150.0	750.0	**1,494,400**
Construction			**1,500.0**	1,500.0	1,500.0	7,500.0	**12,000,000**
Contingency			**150.0**	150.0	150.0	750.0	**1,200,000**
Inspection/Other	40.3		**200.0**	200.0	200.0	1,500.0	**2,140,300**
TOTAL:	334.7	-	**2,000.0**	2,000.0	2,000.0	10,500.0	**$ 16,834,700**
Source of Funds							
Revenue Bond			**2,000.0**	2,000.0	2,000.0	10,500.0	**16,500,000**
Pay As You Go	334.7						**334,700**
TOTAL:	334.7	-	**2,000.0**	2,000.0	2,000.0	10,500.0	**$ 16,834,700**

OPERATIONAL IMPACT:

Restoration of underground storm water systems, channels, and ditches is critical to avoid potential failures that may result in encroachment, flooding and undermining of adjacent public/private structures including streets, bridges, utility lines, buildings, and homes. Fully funding rehab/construction of storm water infrastructure can reduce operational cost by reducing “emergency” responses and more costly maintenance actions during lifecycle of infrastructure.

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PROJECT DESCRIPTION

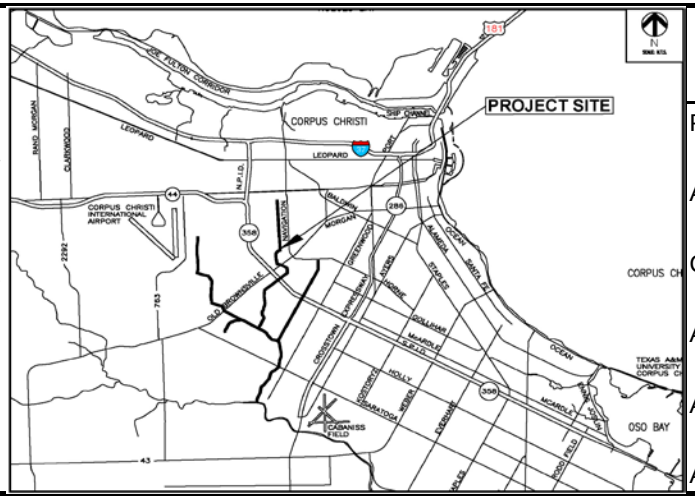
Department: **STORM WATER** Sequence #02

PROJECT TITLE: La Volla Creek Storm Water Modeling and Improvements

Consistency with the Comprehensive Plan: Policy Statements pg. 48: 1,3 & 6; pp. 55, 56 & 58-60; 2009 Storm Water Master Plan (draft); Sustainability Initiative

DESCRIPTION:

The City has approximately 100 miles of major ditches. As part of a programmatic approach to implement lifecycle improvements, focused on the La Volla Creek Basin, this project will identify and prioritize ditch improvements to include re-grading, slope-re-contouring and stabilization, pilot channels and concrete lining upgrades, and other best management practices. Improvements will address critical upgrades to reduce flooding to public and private property, improve public safety, improve water quality and reduce long term maintenance costs. This is a yearly program which will address problems as funding allows.



PROJECT NOTES:

Project Nos:	E10200
	E12191
A/E Consultant:	LAN
Contractor:	Various
Award Design:	Oct 2017
Award Construction:	On-Going
Anticipated Completion:	On-Going

FUNDING SCHEDULE (Amount in 000's)

Use of Funds	Project-to-Date Obligations July 2018	Unspent Prior Budget as of July 2018	**CIP Budget Year 1 2018 - 2019**	Year 2 2019 - 2020	Year 3 2020 - 2021	**Future Budget Required (Years 4 - 10)**	**Total Project Value (Amounts in $'s)**
Design & Engineering	651.9			150.0	150.0		**951,900**
Construction	1,256.4		**1,200.0**	700.0	700.0		**3,856,400**
Contingency			**150.0**	75.0	75.0		**300,000**
Inspection/Other	240.4		**150.0**	75.0	75.0		**540,400**
TOTAL:	2,148.7	-	**1,500.0**	1,000.0	1,000.0		**$ 5,648,700**
Source of Funds							
Revenue Bond	2,148.7		**1,500.0**	1,000.0	1,000.0		**5,648,700**
TOTAL:	2,148.7	-	**1,500.0**	1,000.0	1,000.0		**$ 5,648,700**

OPERATIONAL IMPACT:

Restoration of channels and ditches is critical to avoid potential “washouts" that may result in encroachment, flooding and undermining of adjacent public/private structures including streets, bridges, utility lines, buildings, and homes. Fully funding rehab/construction of major channels can ultimately reduce operational cost by reducing “emergency” responses and more costly maintenance actions during channel lifecycle.

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PROJECT DESCRIPTION

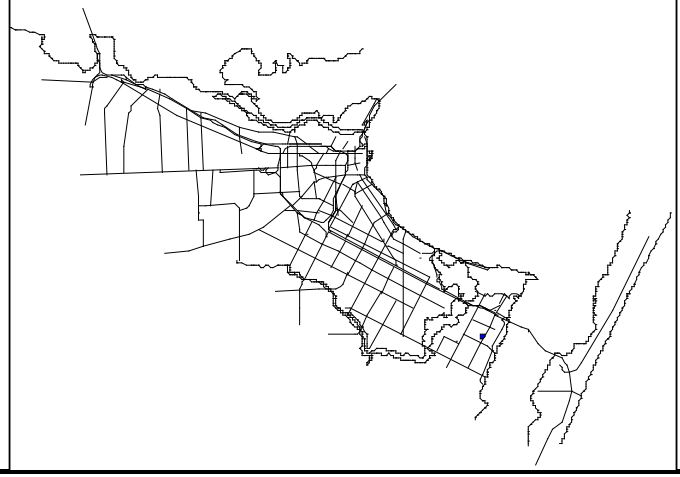
Department: **STORM WATER** Sequence #03

PROJECT TITLE: Citywide Outfall Assessments and Repairs

Consistency with the Comprehensive Plan: Policy Statements pg. 48: 1,3 & 6; pp. 55, 56 & 58-60; 2009 Storm Water Master Plan (draft); Sustainability Initiative

DESCRIPTION:
There are eight major storm water outfalls and more than 100 other outfalls that allow runoff to drain into Corpus Christi Bay. In 2003, 13.5 miles of these outfall structures were inspected and improvements and repairs were made to four outfalls. (Alta Vista, Kinney Street, Power Street, and Louisiana). The purpose of this project is to provide an updated assessment, which may include Brawner/Proctor and Morgan outfalls, and provide recommendations for repairs, improvements and rehabilitation, as necessary. Improvements will be implemented as funding allows.

CITY WIDE



PROJECT NOTES:

Project No:	TBD
A/E Consultant:	RFQ
Contractor:	Various
Award Design:	Yearly
Award Construction:	Yearly
Anticipated Completion:	Yearly

FUNDING SCHEDULE (Amount in 000's)

Use of Funds	Project-to-Date Obligations July 2018	Unspent Prior Budget as of July 2018	**CIP Budget Year 1 2018 - 2019**	Year 2 2019 - 2020	Year 3 2020 - 2021	**Future Budget Required (Years 4 - 10)**	**Total Project Value (Amounts in $'s)**
Design & Engineering			**60.0**	60.0	60.0		**180,000**
Construction			**650.0**	650.0	650.0		**1,950,000**
Contingency			**60.0**	60.0	60.0		**180,000**
Inspection/Other			**30.0**	30.0	30.0		**90,000**
TOTAL:			**800.0**	800.0	800.0		**$ 2,400,000**
Source of Funds							
Revenue Bond			**800.0**	800.0	800.0		**2,400,000**
TOTAL:			**800.0**	800.0	800.0		**$ 2,400,000**

OPERATIONAL IMPACT:
Restoration of underground storm water systems, channels, and ditches is critical to avoid potential failures that may result in encroachment, flooding and undermining of adjacent public/private structures including streets, bridges, utility lines, buildings, and homes. Additionally, fully funding rehab/construction of storm water infrastructure can reduce operational cost by reducing “emergency” responses and more costly maintenance actions during lifecycle of infrastructure.

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PROJECT DESCRIPTION

Department: **STORM WATER** Sequence #04

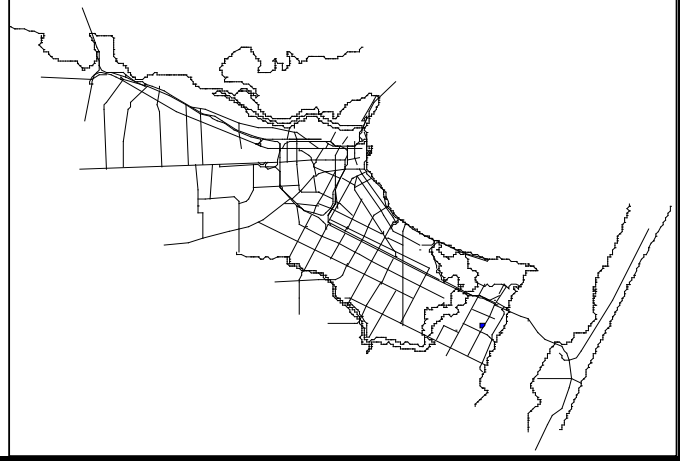
PROJECT TITLE: Lifecycle Curb and Gutter Replacement

Consistency with the Comprehensive Plan: Policy Statements pg. 48: 1,3 & 6; pp. 55, 56 & 58-60; 2009 Storm Water Master Plan (draft); Sustainability Initiative

DESCRIPTION:

This is an ongoing project where damaged, rolled and failed curb and gutter is removed and replaced along with associated pavement repair throughout the City. In addition to improving drainage, areas considered hazardous to vehicular or pedestrian traffic will receive priority. This project will address problematic areas on a yearly basis as funding allows. Curb replacements shall be designed to exceed a 20-year service life.

CITY WIDE



PROJECT NOTES:

Project No:	TBD
A/E Consultant:	ECMS
Contractor:	Various
Award Design:	July 2017
Award Construction:	On-Going
Anticipated Completion:	On-Going

FUNDING SCHEDULE (Amount in 000's)

Use of Funds	Project-to-Date Obligations July 2018	Unspent Prior Budget as of July 2018	**CIP Budget Year 1 2018 - 2019**	Year 2 2019 - 2020	Year 3 2020 - 2021	**Future Budget Required (Years 4 - 10)**	**Total Project Value (Amounts in $'s)**
Design & Engineering			**60.0**	60.0	60.0	600.0	**780,000**
Construction	701.8		**460.0**	460.0	460.0	3,040.0	**5,121,800**
Contingency			**40.0**	40.0	40.0	280.0	**400,000**
Inspection/Other			**40.0**	40.0	40.0	280.0	**400,000**
TOTAL:	701.8		**600.0**	600.0	600.0	4,200.0	**$ 6,701,800**
Source of Funds							
Revenue Bond	701.8		**600.0**	600.0	600.0	4,200.0	**6,701,800**
TOTAL:	701.8		**600.0**	600.0	600.0	4,200.0	**$ 6,701,800**

OPERATIONAL IMPACT:

Replacing rolled, damaged and failed curb and gutters improves area drainage by re-establishing overland drainage flow paths. Identifying isolated sections of failed curb and gutter for replacement before more extensive repairs are required extends service life and is key to minimizing future improvement costs.

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PROJECT DESCRIPTION

Department: **STORM WATER** Sequence #05

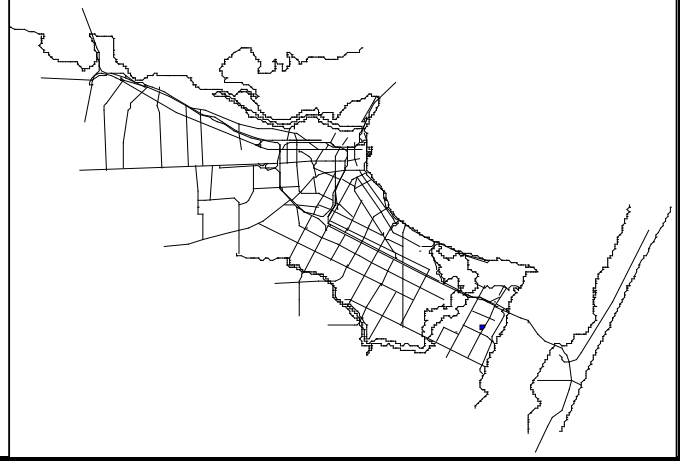
PROJECT TITLE: Channel/Ditch Improvements

Consistency with the Comprehensive Plan: Policy Statements pg. 48: 1,3 & 6; pp. 55, 56 & 58-60; 2009 Storm Water Master Plan (draft); Sustainability Initiative

DESCRIPTION:

This yearly project will involve minor storm water conveyance improvements, rehab to critical concrete sections, re-contouring, excavation, clearing, upgrading culverts, scour protection and other miscellaneous best management practices throughout the City to create more positive drainage flow during low water conditions and rain events. Improvements will address critical upgrades to reduce flooding on public and private property, improve public safety, improve water quality, improve vector (pest) control, and reduce long-term maintenance costs. Improvements will take place on a routine basis to extent funding allows.

CITY WIDE



PROJECT NOTES:

Project No:	TBD
A/E Consultant:	Various
Contractor:	Various
Award Design:	On-Going
Award Construction:	On-Going
Anticipated Completion:	On-Going

FUNDING SCHEDULE (Amount in 000's)

Use of Funds	Project-to-Date Obligations July 2018	Unspent Prior Budget as of July 2018	**CIP Budget Year 1 2018 - 2019**	Year 2 2019 - 2020	Year 3 2020 - 2021	**Future Budget Required (Years 4 - 10)**	**Total Project Value (Amounts in $'s)**
Design & Engineering			**40.0**	40.0	40.0	400.0	520,000
Construction			**500.0**	500.0	500.0	2,030.0	3,530,000
Contingency			**40.0**	40.0	40.0	185.0	305,000
Inspection/Other			**20.0**	20.0	20.0	185.0	245,000
TOTAL:			**600.0**	600.0	600.0	2,800.0	**$ 4,600,000**
Source of Funds							
Revenue Bond			**600.0**	600.0	600.0	2,800.0	4,600,000
TOTAL:			**600.0**	600.0	600.0	2,800.0	**$ 4,600,000**

OPERATIONAL IMPACT:

Restoration of channels and ditches is critical to avoid potential “washouts” that may result in encroachment, flooding and undermining of adjacent public/private structures including streets, bridges, utility lines, buildings, and homes. Additionally, fully funding rehab/construction of major channels can ultimately reduce operational cost by reducing “emergency” responses and more costly maintenance actions during lifecycle of channel. The City complies with regulatory permits by using the following measures: pollution prevention, treatment of pollution removal, storm water monitoring, and minimizing introduction of pollutants into the municipal separate storm sewer system (MS4).

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PROJECT DESCRIPTION

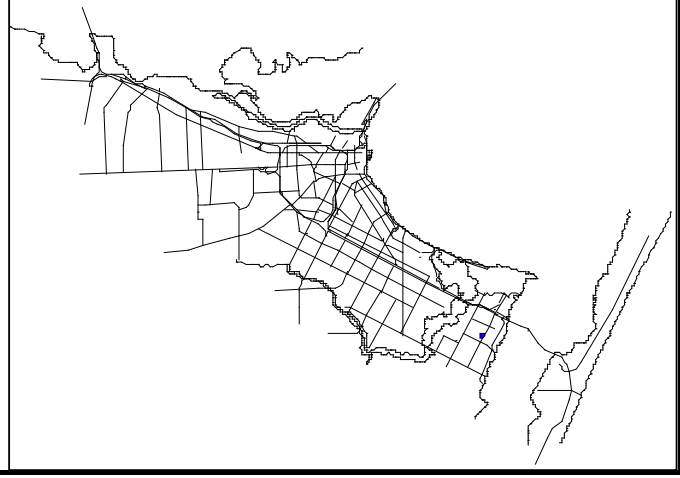
Department: **STORM WATER** Sequence #06

PROJECT TITLE: Bridge Rehabilitation

Consistency with the Comprehensive Plan: Policy Statements pg. 48: 1,3 & 6; pp. 55, 56 & 58-60; 2009 Storm Water Master Plan (draft); Sustainability Initiative

DESCRIPTION:
This project is to develop a bridge assessment and repair program. Existing City of Corpus Christi Bridges will be inspected to develop a bridge CIP program for maintenance and repairs, and recommendations for regular inspection cycles.

CITY WIDE



PROJECT NOTES:

Project No:	E12199
	E13116
A/E Consultant:	LJA Engineering, Inc.
Contractor:	Various
Award Design:	Oct 2017
Award Construction:	On-Going
Anticipated Completion:	On-Going

FUNDING SCHEDULE (Amount in 000's)

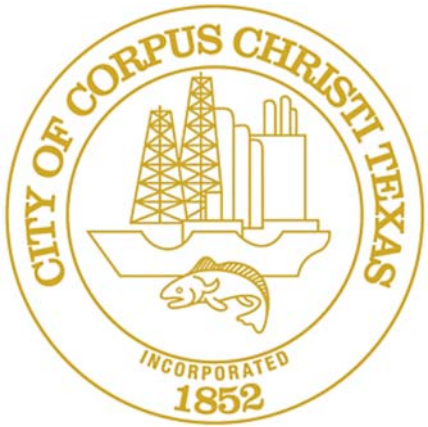
Use of Funds	Project-to-Date Obligations July 2018	Unspent Prior Budget as of July 2018	**CIP Budget Year 1 2018 - 2019**	Year 2 2019 - 2020	Year 3 2020 - 2021	**Future Budget Required (Years 4 - 10)**	**Total Project Value (Amounts in $'s)**
Design & Engineering	198.8						**198,800**
Construction	97.9		**450.0**	500.0	500.0		**1,547,900**
Contingency			**30.0**	50.0	50.0		**130,000**
Inspection/Other	117.0		**20.0**	50.0	50.0		**237,000**
TOTAL:	413.7	-	**500.0**	600.0	600.0		**$ 2,113,700**
Source of Funds							
Revenue Bond	413.7		**500.0**	600.0	600.0		**2,113,700**
TOTAL:	413.7	-	**500.0**	600.0	600.0		**$ 2,113,700**

OPERATIONAL IMPACT:
Funding rehab/construction of bridges will decrease operational costs by reducing "emergency" responses and more costly maintenance actions during lifecycle of bridges.

City of Corpus Christi, Texas

Water Supply

Obligation to the Future


CITY OF CORPUS CHRISTI TEXAS
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CITY OF CORPUS CHRISTI
WATER SUPPLY PROGRAM

Water Supply projects are designed to maintain the City's existing water supply facilities and to provide additional delivery facilities and secure new water supply sources. Corpus Christi's primary water supply source is the Choke Canyon / Lake Corpus Christi Reservoir System within the Nueces River Basin. These reservoirs are fed by the Nueces, Frio and Atascosa Rivers. The upper reaches of these rivers flow through the Edwards Aquifer Recharge Zone. Additional water is supplied by Lake Texana and the Colorado River via the Mary Rhodes Pipeline. The first phase of the Mary Rhodes Pipeline was completed in September 1998 and extends 101 miles from Lake Texana, near Edna, Texas and the second phase extends an additional 42 miles from Bay City and connects at the intake at Edna, Texas. The pipeline delivers water to the O.N. Stevens Water Treatment Plant (ONSWTP) in Corpus Christi.

In 1992, the City entered into an option agreement for the purchase of 35,000 acre-feet per year of water rights in the Colorado River from the Garwood Irrigation Company. Use of the water requires transmission from the Colorado River through the Mary Rhodes Pipeline to Lake Texana. In February 2014, two construction contracts were awarded to complete the second phase of the Mary Rhodes Pipeline. This project was successfully completed in 2017.

A second project to ensure the City's future water supply is a Seawater Desalination project. The recent drought-of-record conditions experienced in Texas prompted a collaborative effort in Corpus Christi to evaluate the feasibility of developing a non-curtailable seawater desalination supply. The current Capital Improvement Program budget represents developing the preliminary study of the Seawater Desalination in joint efforts with industrial stakeholders.

A third project started in late FY 2016 is the Aquifer Storage and Recovery (ASR) Feasibility Study. ASR is a proven technology for storing excess water underground which provides a long-term water resource that can be effectively integrated into the City's regional water supply system to achieve long-range water planning goals. ASR would promote diversification of regional water supplies, help provide cost-effective regional water supplies to meet competing demands and improve system operations.

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A recap of the budgeted expenditures includes:

EXPENDITURES:	**YEAR ONE 2018 – 2019**	**YEAR TWO 2019 – 2020**	**YEAR THREE 2020 – 2021**
TOTAL PROGRAMMED EXPENDITURES:	**$ 6,700,000**	**$ 4,100,000**	**$ 2,300,000**
EXISTING FUNDING:			
Raw Water Supply Fund	$ 400,000	$ 0	$ 0
RECOMMENDED ADDITIONAL FUNDING:			
Choke Canyon Trust Fund	$ 1,500,000	$ 1,500,000	$ 500,000
New Debt (Revenue Bonds)	$ 4,800,000	$ 2,600,000	$ 1,800,000
TOTAL PROGRAMMED FUNDS:	**$ 6,700,000**	**$ 4,100,000**	**$ 2,300,000**

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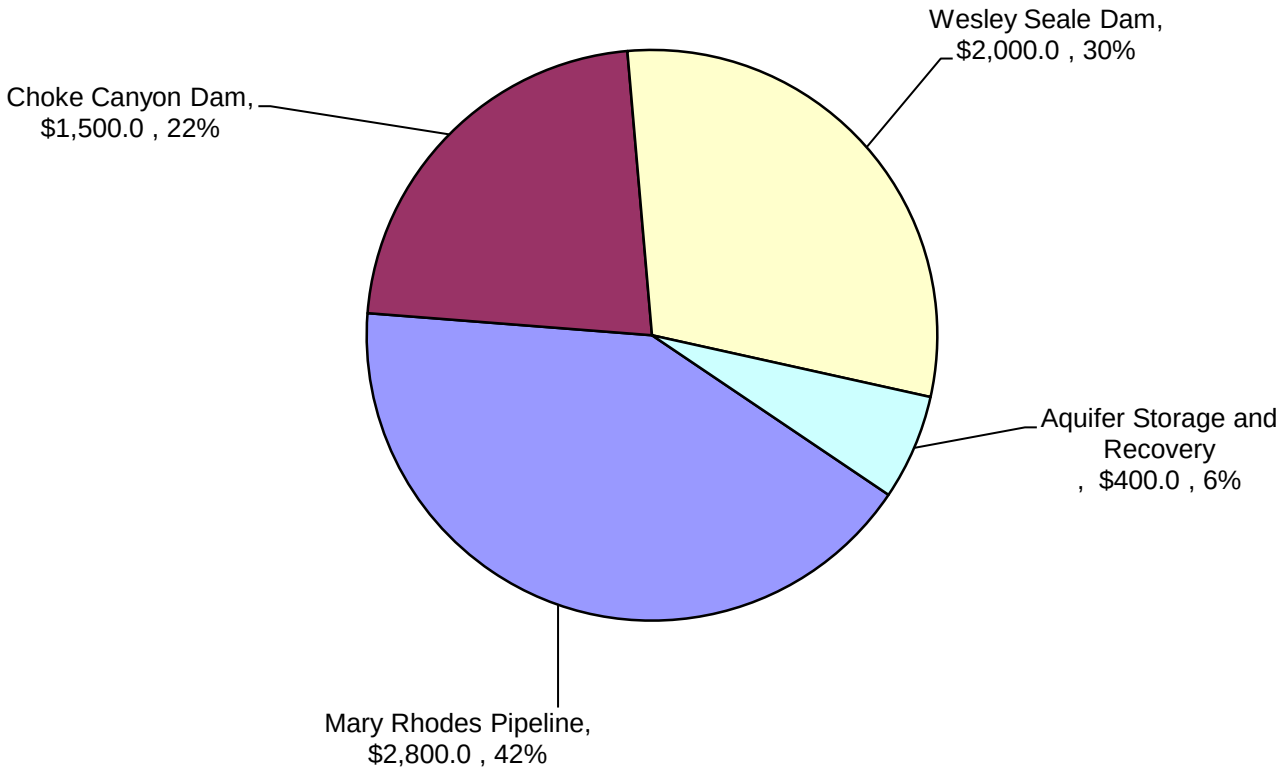
Water Supply
Annual CIP: $6,700.0
(Amounts in 000's)



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WATER SUPPLY
SHORT-RANGE CIP
(Amounts in 000's)

Seq #	Project Name	Project-to-Date Obligations July 2018	Unspent Prior Budget as of July 2018	**CIP Budget Year 1 2018 - 2019**	Year 2 2019 - 2020	Year 3 2020 - 2021	**Three Year Total**
WS 01	**Mary Rhodes Pipeline Phase 1 Pump Station Improvements** Finance and Engineering Number: E13037	35.4		**2,000.0**			**2,000.0**
WS 02	**Mary Rhodes Pipeline Phase 2 Pump System Improvements** Finance and Engineering Number: TBD			**200.0**	600.0		**800.0**
WS 03	**Mary Rhodes Pipeline Cathodic Protection Upgrade** Finance and Engineering Number: E13068	674.4		**300.0**			**300.0**
WS 04	**Mary Rhodes Pipeline Office Building** Finance Number: 8663 Engineering Number: E14055	20.4		**300.0**			**300.0**
WS 05	**Choke Canyon Dam Infrastructure Improvements** Finance and Engineering Number: E13050	55.6		**1,500.0**	1,500.0	500.0	**3,500.0**
WS 06	**Wesley Seale Dam Infrastructure Improvements** Finance and Engineering Number: 180548	573.7		**2,000.0**	1,000.0		**3,000.0**
WS 07	**Wesley Seale Dam Spillway Gates Rehabilitation** Finance and Engineering Number: TBD				1,000.0	1,800.0	**2,800.0**
WS 08	**Seawater Desalination** Finance and Engineering Number: E15117	110.4	2,795.0	**-**			**-**

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WATER SUPPLY
SHORT-RANGE CIP
(Amounts in 000's)

Seq #	Project Name	Project-to-Date Obligations July 2018	Unspent Prior Budget as of July 2018	**CIP Budget Year 1 2018 - 2019**	Year 2 2019 - 2020	Year 3 2020 - 2021	**Three Year Total**
WS 09	**Corpus Christi Aquifer Storage and Recovery (ASR) Feasibility Study** Finance and Engineering Number: E16265	1,493.9	47.7	**400.0**			**400.0**
	TOTAL PROGRAMMED EXPENDITURES:	**2,963.8**	**2,842.7**	**6,700.0**	**4,100.0**	**2,300.0**	**13,100.0**
	CURRENTLY AVAILABLE FUNDING:						
	Revenue Bond	**1,303.9**					
	Texas Water Development Board Loan		**2,750.0**				**-**
	Water Operating	**415.1**					
	Raw Water Supply Fund	**1,189.2**	**92.7**	**400.0**			**400.0**
	Choke Canyon Trust Fund	**55.6**					
	Total Currently Available:	**2,963.8**	**2,842.7**	**400.0**	**-**	**-**	**400.0**
	RECOMMENDED ADDITIONAL FUNDING:						
	Revenue Bond			**4,800.0**	**2,600.0**	**1,800.0**	**9,200.0**
	Choke Canyon Trust Fund			**1,500.0**	**1,500.0**	**500.0**	**3,500.0**
	Total Recommended Funding:			**6,300.0**	**4,100.0**	**2,300.0**	**12,700.0**
	TOTAL PROGRAMMED FUNDS:	**2,963.8**	**2,842.7**	**6,700.0**	**4,100.0**	**2,300.0**	**13,100.0**

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PROJECT DESCRIPTION

Department: **WATER SUPPLY**

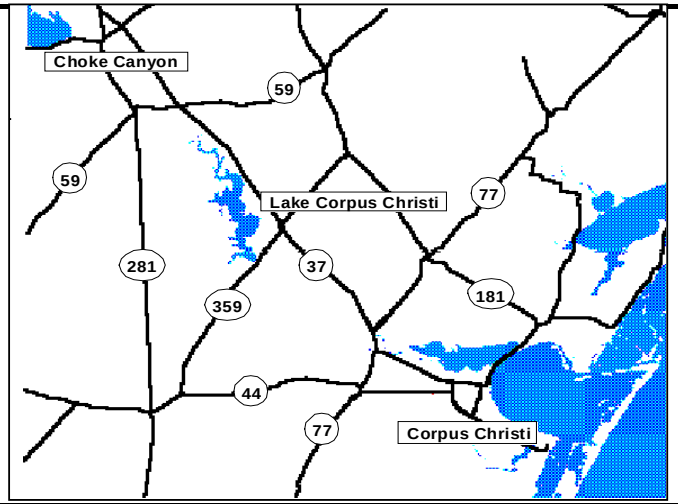
Sequence #01

PROJECT TITLE: Mary Rhodes Pipeline Phase 1 System Improvements

Consistency with the Comprehensive Plan: Policy Statements pp. 48: 1,3 & 6; pp. 55-57; Water Master Plan

DESCRIPTION:

Improvements to Mary Rhodes pipeline system are required to ensure continued reliable water from the existing Phase 1 pipeline. This project addresses replacement and upgrade of various outdated system components, including, but not limited to electrical, instrumentation, mechanical, structural, and HVAC at Woodsboro and Bloomington Pump Stations. This will assure an uninterrupted, reliable on-demand operation of pipeline system.



PROJECT NOTES:

RAW WATER SUPPLY

Project No:	E13037
A/E Consultant:	HDR
Award Design:	TBD
Contractor:	TBD
Award Construction:	TBD
Anticipated Completion:	TBD

FUNDING SCHEDULE (Amount in 000's)

Use of Funds	Project-to-Date Obligations July 2018	Unspent Prior Budget as of July 2018	**CIP Budget Year 1 2018 - 2019**	Year 2 2019 - 2020	Year 3 2020 - 2021	**Future Budget Required (Years 4 - 10)**	**Total Project Value (Amounts in $'s)**
Design & Engineering			**200.0**				**200,000**
Construction			**1,400.0**				**1,400,000**
Contingency			**200.0**				**200,000**
Inspection/Other	35.4		**200.0**				**235,400**
TOTAL:	35.4		**2,000.0**				**$ 2,035,400**
Source of Funds							
Revenue Bond	35.4		**2,000.0**				**2,035,400**
TOTAL:	35.4		**2,000.0**				**$ 2,035,400**

OPERATIONAL IMPACT:

This project will improve pipeline efficiencies, reliability, and reduce costs.

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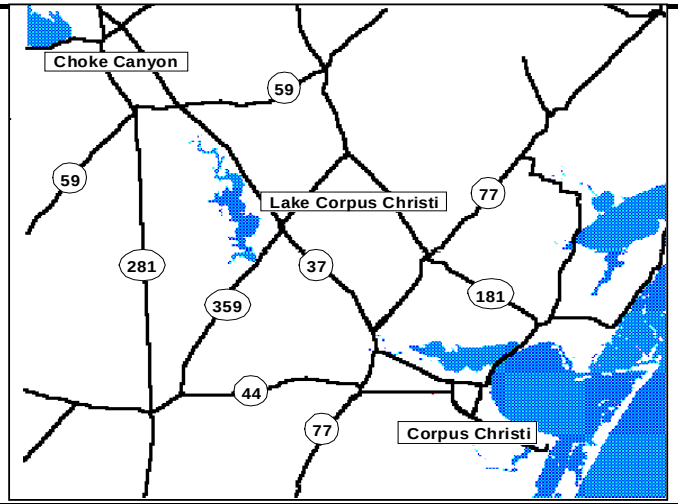
PROJECT DESCRIPTION

Department: **WATER SUPPLY** Sequence #02

PROJECT TITLE: Mary Rhodes Pipeline Phase 2 System Improvements

Consistency with the Comprehensive Plan: Policy Statements pp. 48: 1,3 & 6; pp. 55-57; Water Master Plan

DESCRIPTION:
This project includes various required improvements to Mary Rhodes Phase 2 pumping system. Improvements include, but are not limited to river bank stabilization due to natural erosion and other improvements as identified in condition assessment report.



PROJECT NOTES:

RAW WATER SUPPLY

Project No:	TBD
A/E Consultant:	TBD
Award Design:	TBD
Contractor:	TBD
Award Construction:	TBD
Anticipated Completion:	TBD

FUNDING SCHEDULE (Amount in 000's)

Use of Funds	Project-to-Date Obligations July 2018	Unspent Prior Budget as of July 2018	**CIP Budget Year 1 2018 - 2019**	Year 2 2019 - 2020	Year 3 2020 - 2021	**Future Budget Required (Years 4 - 10)**	**Total Project Value (Amounts in $'s)**
Design & Engineering			**160.0**	30.0			**190,000**
Construction				510.0			**510,000**
Contingency			**20.0**	30.0			**50,000**
Inspection/Other			**20.0**	30.0			**50,000**
TOTAL:			**200.0**	600.0			**$ 800,000**
Source of Funds							
Revenue Bond			**200.0**	600.0			**800,000**
TOTAL:			**200.0**	600.0			**$ 800,000**

OPERATIONAL IMPACT:

This project will improve pipeline efficiencies, reliability, and reduce costs.

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PROJECT DESCRIPTION

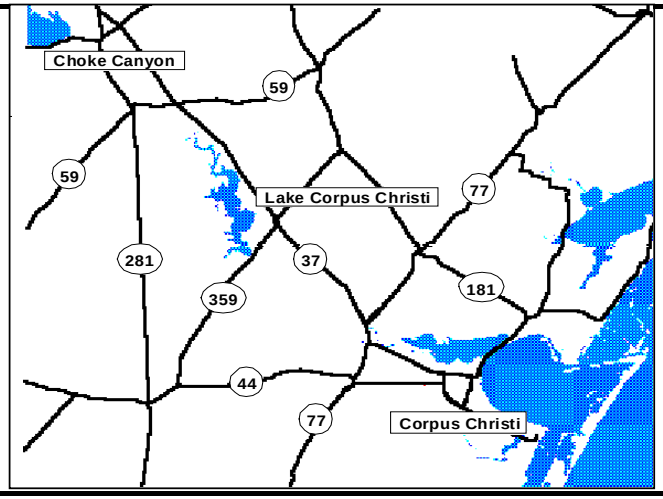
Department: **WATER SUPPLY** Sequence #03

PROJECT TITLE: Mary Rhodes Pipeline Cathodic Protection Upgrade

Consistency with the Comprehensive Plan: Policy Statements pp. 48: 1,3 & 6; pp. 55-57; Water Master Plan

DESCRIPTION:

Cathodic protection is necessary to protect buried pipeline from corrosion. The cathodic protection system for Mary Rhpdes Pipeline Phase 1 was installed in 1990s, and is close to end of its service life. This project includes installation of 6 new test stations with zinc anode ground beds, installation of zinc anodes at 15 existing test stations, and removal and replacement of portions of test station components at 126 existing test stations.



PROJECT NOTES:

RAW WATER SUPPLY

Project No: E13068

A/E Consultant: Russell Corrosion

Award Design: Sept. 2015

Contractor: Integrated Corrosion Co.

Award Construction: Apr 2018

Anticipated Completion: Dec 2018

FUNDING SCHEDULE (Amount in 000's)

Use of Funds	Project-to-Date Obligations July 2018	Unspent Prior Budget as of July 2018	**CIP Budget Year 1 2018 - 2019**	Year 2 2019 - 2020	Year 3 2020 - 2021	**Future Budget Required (Years 4 - 10)**	**Total Project Value (Amounts in $'s)**
Design & Engineering	142.0						**142,000**
Construction	525.7		**200.0**				**725,700**
Contingency			**50.0**				**50,000**
Inspection/Other	6.7		**50.0**				**56,700**
TOTAL:	674.4		**300.0**				**$ 974,400**
Source of Funds							
Revenue Bond	674.4		**300.0**				**974,400**
TOTAL:	674.4		**300.0**				**$ 974,400**

OPERATIONAL IMPACT:

This project will improve service life of Mary Rhodes Pipeline Phase 1 and accordingly reduce future operational and maintenance costs.

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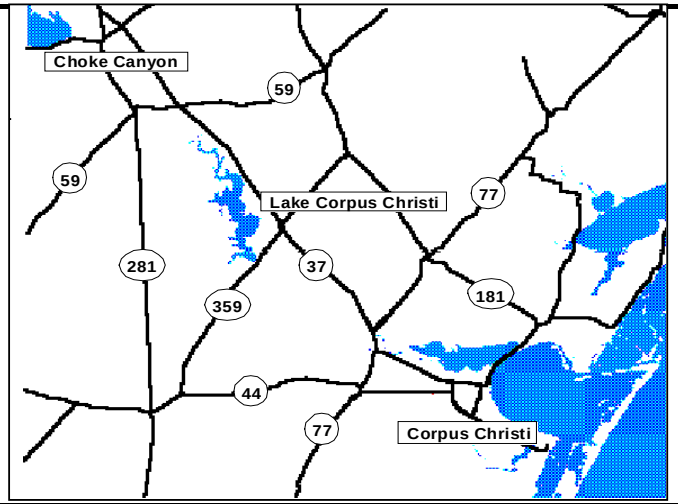
PROJECT DESCRIPTION

Department: **WATER SUPPLY** Sequence #04

PROJECT TITLE: Mary Rhodes Pipeline Office Building

Consistency with the Comprehensive Plan: Policy Statements pp. 48: 1,3 & 6; pp. 55-57; Water Master Plan

DESCRIPTION:
Mary Rhodes Pipeline Phase 1 project was complete in 1998 and provides about 40% of the City's water supply. Maintech staff uses Woodsboro Booster Pump Station as an office and maintenance facility. The project will provide funding to purchase and install an office building Mary Rhodes Pipeline maintenance staff.



PROJECT NOTES:

RAW WATER SUPPLY

Project No:	E14055
A/E Consultant:	TBD
Award Design:	TBD
Contractor:	TBD
Award Construction:	N.A
Anticipated Completion:	N.A

FUNDING SCHEDULE (Amount in 000's)

Use of Funds	Project-to-Date Obligations July 2018	Unspent Prior Budget as of July 2018	**CIP Budget Year 1 2018 - 2019**	Year 2 2019 - 2020	Year 3 2020 - 2021	**Future Budget Required (Years 4 - 10)**	**Total Project Value (Amounts in $'s)**
Design & Engineering			**30.0**				**30,000**
Construction			**210.0**				**210,000**
Contingency			**30.0**				**30,000**
Inspection/Other	20.4		**30.0**				**50,400**
TOTAL:	20.4		**300.0**				**$ 320,400**
Source of Funds							
Revenue Bond	20.4		**300.0**				**320,400**
TOTAL:	20.4		**300.0**				**$ 320,400**

OPERATIONAL IMPACT:

This project will have nominal operational budget impact and will support city's primary pipeline.

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PROJECT DESCRIPTION

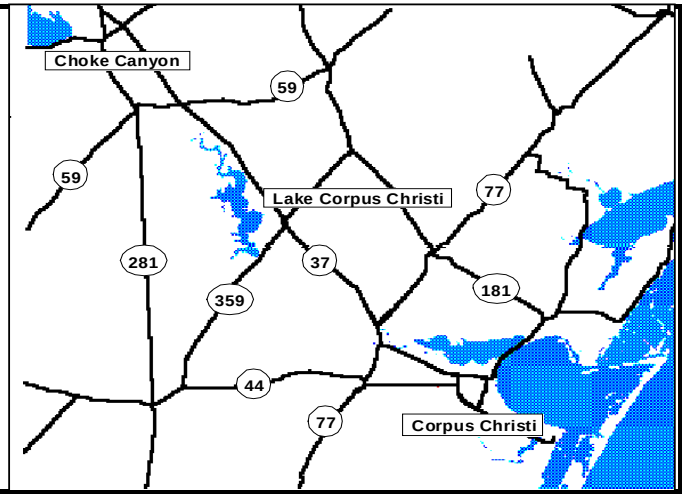
Department: **WATER SUPPLY** Sequence #05

PROJECT TITLE: Choke Canyon Dam Infrastructure Improvements

Consistency with the Comprehensive Plan: Policy Statements pp. 48: 1,3 & 6; pp. 55-57; Water Master Plan

DESCRIPTION:

Choke Canyon Dam is located in South Texas on the Frio River, four miles west of Three Rivers, Texas, and approximately 90 miles northwest of Corpus Christi. The reservoir supplies water for municipal and industrial needs and provides recreational and environmental benefits. This project provides for various repairs and improvements identified by City and Bureau of Reclamation including, but not limited to crane repairs, soil erosion control, electrical system repairs, spillway operator motor brake realign, instrumentation repairs and other miscellaneous improvements.



PROJECT NOTES:

RAW WATER SUPPLY

Project No: E13050

A/E Consultant: Freese Nichols, Inc.

Award Design: Nov. 2017

Contractor: TBD

Award Construction: Nov. 2018

Anticipated Completion: Feb. 20

FUNDING SCHEDULE (Amount in 000's)

Use of Funds	Project-to-Date Obligations July 2018	Unspent Prior Budget as of July 2018	**CIP Budget Year 1 2018 - 2019**	Year 2 2019 - 2020	Year 3 2020 - 2021	**Future Budget Required (Years 4 - 10)**	**Total Project Value (Amounts in $'s)**
Design & Engineering	24.2		**175.0**	105.0	70.0		**374,200**
Construction			**1,025.0**	1,095.0	330.0		**2,450,000**
Contingency			**150.0**	150.0	50.0		**350,000**
Inspection/Other	31.4		**150.0**	150.0	50.0		**381,400**
TOTAL:	55.6		**1,500.0**	1,500.0	500.0		**$ 3,555,600**
Source of Funds							
Choke Canyon Trust Fund	55.6		**1,500.0**	1,500.0	500.0		**3,555,600**
TOTAL:	55.6		**1,500.0**	1,500.0	500.0		**$ 3,555,600**

OPERATIONAL IMPACT:

This project will ensure the normal operation and increase service life of structure.

PROJECT DESCRIPTION

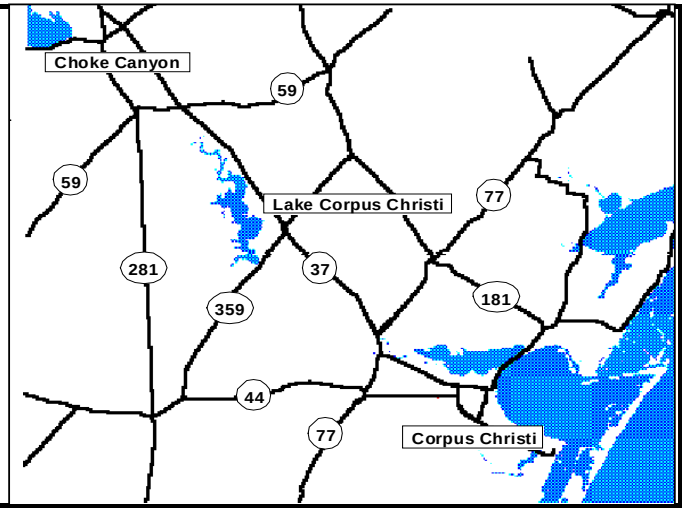
Department: **WATER SUPPLY** Sequence #06

PROJECT TITLE: Wesley Seale Dam Infrastructure Improvements

Consistency with the Comprehensive Plan: Policy Statements pp. 48: 1,3 & 6; pp. 55-57; Water Master Plan

DESCRIPTION:

This project provides for improvements to original instrumentation system including annual safety inspection, integration with O.N. Stevens WTP process controls, Howell-Bunger Valve, downstream sluice gates, and dewatering system, in response to previous inspection and priority investment recommendations into the system. This project will protect integrity of Wesley Seale Dam system (1957), to provide for proper inspection and updated regulatory reports per TCEQ. Study on dewatering devices for spillway rehabilitation is included in project.



PROJECT NOTES:

RAW WATER SUPPLY

Finance Project No:	180548
Engineering Project No:	180548
A/E Consultant:	Freese Nichols, Inc.
Award Design:	Aug. 2016
Contractor:	TBD
Award Construction:	FY 2019
Anticipated Completion:	FY 2020

FUNDING SCHEDULE (Amount in 000's)

Use of Funds	Project-to-Date Obligations July 2018	Unspent Prior Budget as of July 2018	**CIP Budget Year 1 2018 - 2019**	Year 2 2019 - 2020	Year 3 2020 - 2021	**Future Budget Required (Years 4 - 10)**	**Total Project Value (Amounts in $'s)**
Design & Engineering	543.7		**200.0**	100.0			**843,700**
Construction			**1,400.0**	700.0			**2,100,000**
Contingency			**200.0**	100.0			**300,000**
Inspection/Other	30.0		**200.0**	100.0			**330,000**
TOTAL:	573.7		**2,000.0**	1,000.0			**$ 3,573,700**
Source of Funds							
Revenue Bond	573.7		**2,000.0**	1,000.0			**3,573,700**
TOTAL:	573.7		**2,000.0**	1,000.0			**$ 3,573,700**

OPERATIONAL IMPACT:

This project will ensure City can provide reservoir supplies to its customers and other downstream rights-holders and secure structural integrity of dam through established dam safety protocols.

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PROJECT DESCRIPTION

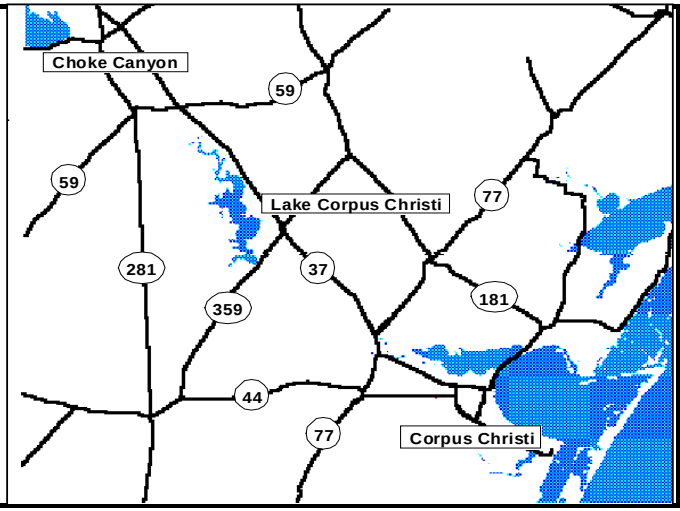
Department: **WATER SUPPLY** Sequence #07

PROJECT TITLE: Wesley Seale Dam Spillway Rehabilitation

Consistency with the Comprehensive Plan: Policy Statements pp. 48: 1,3 & 6; pp. 55-57; Water Master Plan

DESCRIPTION:

Wesley Seale Dam has 60 crest gates located in two separate spillways: south spillway includes 27 gates and north spillway includes 33 gates. Over the years, leakage from side seals has increased and become significant at several gates. Water flow from excessive leakage damages concrete and encourages algae and other vegetative growth. This leads to corrosion issues on gates, metal appurtenances and reinforcing steel. Project provides for necessary improvements including seal replacement, miscellaneous structural repairs and application of a protective coating system for Dam.



PROJECT NOTES:

RAW WATER SUPPLY

Project No:	TBD
A/E Consultant:	Freese Nichols, Inc.
Award Design:	TBD
Contractor:	TBD
Award Construction:	TBD
Anticipated Completion:	TBD

FUNDING SCHEDULE (Amount in 000's)

Use of Funds	Project-to-Date Obligations July 2018	Unspent Prior Budget as of July 2018	**CIP Budget Year 1 2018 - 2019**	Year 2 2019 - 2020	Year 3 2020 - 2021	**Future Budget Required (Years 4 - 10)**	**Total Project Value (Amounts in $'s)**
Design & Engineering				800.0	200.0	200.0	**1,200,000**
Construction					1,240.0	15,800.0	**17,040,000**
Contingency				100.0	180.0	2,000.0	**2,280,000**
Inspection/Other				100.0	180.0	2,000.0	**2,280,000**
TOTAL:				1,000.0	1,800.0	20,000.0	**$ 22,800,000**
Source of Funds							
Revenue Bond				1,000.0	1,800.0	20,000.0	**22,800,000**
TOTAL:				1,000.0	1,800.0	20,000.0	**$ 22,800,000**

OPERATIONAL IMPACT:

This project will increase the service life of structure and prevent future corrosion and subsequent section loss and connection deterioration.

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PROJECT DESCRIPTION

Department: **WATER SUPPLY** Sequence #08

PROJECT TITLE: Seawater Desalination

Consistency with the Comprehensive Plan: Policy Statements pp. 48: 1,3 & 6; pp. 55-57; Water Master Plan

DESCRIPTION:

Project provides City with reliability, security, sustainability and availability of seawater as possible future water sources. Project provide preliminary design of seawater desalination plant. Scope of project includes governmental funds application, plant site selection, desalination technology design, water infrastructure integration plan, source water characterization, and project cost analysis.

PROJECT NOTES:

RAW WATER SUPPLY

Project No: E15117

A/E Consultant: Freese Nichols, Inc.

Award Design: Oct 2017

Contractor: TBD

Award Construction: TBD

Anticipated Completion: TBD

FUNDING SCHEDULE (Amount in 000's)

Use of Funds	Project-to-Date Obligations July 2018	Unspent Prior Budget as of July 2018	**CIP Budget Year 1 2018 - 2019**	Year 2 2019 - 2020	Year 3 2020 - 2021	**Future Budget Required (Years 4 - 10)**	**Total Project Value (Amounts in $'s)**
Design & Engineering	100.3	2,445.0					**2,545,300**
Construction							
Contingency		300.0					**300,000**
Inspection/Other	10.1	50.0					**60,100**
TOTAL:	110.4	2,795.0	**-**	-	-		**$ 2,905,400**
Source of Funds							
							-
Water Operational Funds	60.5						**60,500**
Raw Water Supply Fund	49.9	45.0					**94,900**
Texas Water Development Board		2,750.0					**2,750,000**
TOTAL:	110.4	2,795.0	**-**	-	-		**2,905,400.0**

OPERATIONAL IMPACT:

Program will provide sufficient increased water production capacity to support additional industries, growth, and demand. Corpus Christi will be Gulf Coast leader in desalination. Maintenance and operational costs will increase, but corresponding revenues will increase with additional water consumption.

PROJECT DESCRIPTION

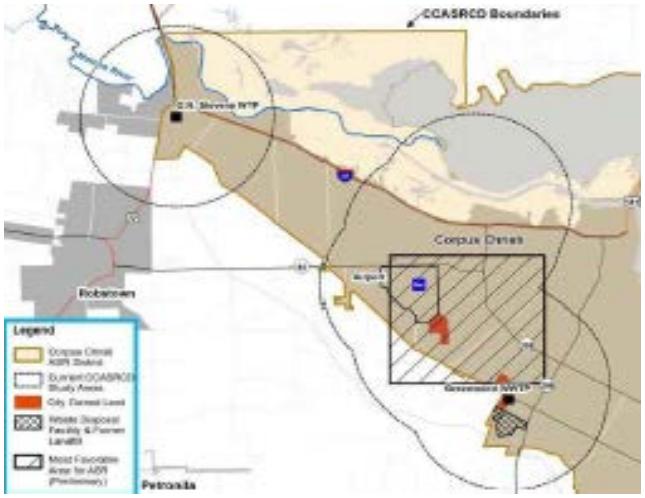
Department: **WATER SUPPLY** Sequence #09

PROJECT TITLE: Corpus Christi Aquifer Storage and Recovery (ASR) Feasibility Study

Consistency with the Comprehensive Plan: Policy Statements pp. 48: 1,3 & 6; pp. 55-57; Water Master Plan

DESCRIPTION:

Aquifer storage and recovery (ASR) is a long-term water supply strategy to effectively integrate the City's regional water supply system to achieve long-range water planning goals. The scope of investigation and analysis for this ASR feasibility study includes the following work elements: Conduct an exploratory test drilling program (up to 3 exploratory boreholes) to collect hydrogeological and geochemical parameters that can be used to characterize a potential ASR system at the selected sites; Perform geochemical analysis to determine the compatibility of treated, source water for storing within the native aquifer setting; Develop a field scale groundwater model to simulate storage and recovery operations; Evaluate ASR operating policy considerations; and Prepare and submit a technical report and electronic presentation to the Texas Water Development Board summarizing the findings of District feasibility study.



PROJECT NOTES:

RAW WATER SUPPLY

Project No:	E16265
A/E Consultant:	HDR

TEST WELL:

Award Design:	Jul. 2016
Contractor:	Felder Water
Award Construction:	FY 2017
Anticipated Completion:	Aug. 2019

FUNDING SCHEDULE (Amount in 000's)

Use of Funds	Project-to-Date Obligations July 2018	Unspent Prior Budget as of July 2018	**CIP Budget Year 1 2018 - 2019**	Year 2 2019 - 2020	Year 3 2020 - 2021	**Future Budget Required (Years 4 - 10)**	**Total Project Value (Amounts in $'s)**
Design & Engineering	437.4		**250.0**				**687,400**
Construction	1,010.1						**1,010,100**
Contingency							**-**
Inspection/Other	46.4	47.7	**150.0**				**244,100**
TOTAL:	1,493.9	47.7	**400.0**				**$ 1,941,600**
Source of Funds							
Raw Water Trust Fund	1,139.3	47.7	**400.0**				**1,587,000**
Operational Funds	354.6						**354,600**
TOTAL:	1,493.9	47.7	**400.0**				**$ 1,941,600**

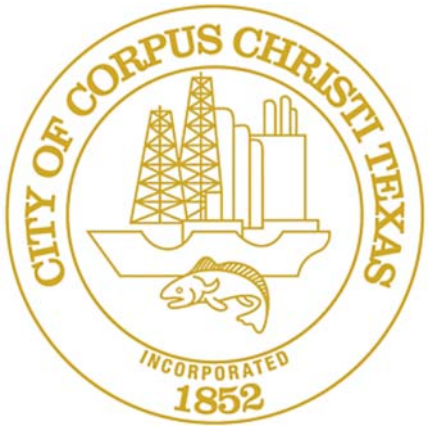
OPERATIONAL IMPACT:

This project will ensure the City follows recommendations of United States Bureau of Reclamation.

City of Corpus Christi, Texas

WATER

Obligation to the Future


CITY OF CORPUS CHRISTI TEXAS
INCORPORATED
1852

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CITY OF CORPUS CHRISTI WATER PROGRAM

The City's Fiscal Year 2018 – 2019 Water Capital Improvement Program (CIP) contains twenty-five (25) projects with a total value of $43.2 million which represents a significant investment of resources to enable delivery of a reliable source of potable water to customers, while balancing long-term needs of the City and regional area. Through periodic updates of the City-Wide Water Distribution Master Plan, local and area needs are modeled, and information is used in development of a capital program that is responsive to population growth, rehabilitation/replacement of aging infrastructure, and regulatory requirements while remaining attentive to funding limitations. This year's Water CIP includes projects relating to Water Treatment, Transmission and Distribution, Infrastructure Improvements, and Water Supply.

An important aspect of operating a public water system is protecting the integrity of the City's Water Treatment Plant. O.N. Stevens Water Treatment Plant (ONSWTP) was originally constructed in 1954 and has a rated capacity to produce up to 167 million gallons per day (MGD). On average, the plant produces approximately 80 million gallons of water per day. This year's program addresses essential improvements to the plant's chemical feed processes, infrastructure, storage, high service buildings, and treatment and distribution systems. The City's goal of exceeding Texas Commission on Environmental Quality (TCEQ) requirements is a priority for the Water CIP program and will be achieved through both short and long-range projects.

In addition to planned water projects, the Water Capital Improvement Program Budget includes over $13.1 M in work to support city street projects that require upgrading or moving water transmission lines. These projects include streets listed in 2016, 2014 and 2012 General Obligation Bond Elections.

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A recap of the budgeted expenditures includes:

	YEAR ONE 2018– 2019	YEAR TWO 2019 – 2020	YEAR THREE 2020 – 2021
TOTAL PROGRAMMED EXPENDITURES:	**$ 56,430,900**	**$ 78,236,100**	**$ 63,657,400**
FUNDING:			
New Debt (Revenue Bonds)	**$ 56,430,900**	**$ 78,236,100**	**$ 63,657,400**
TOTAL PROGRAMMED FUNDS:	**$ 56,430,900**	**$ 78,236,100**	**$ 63,657,400**

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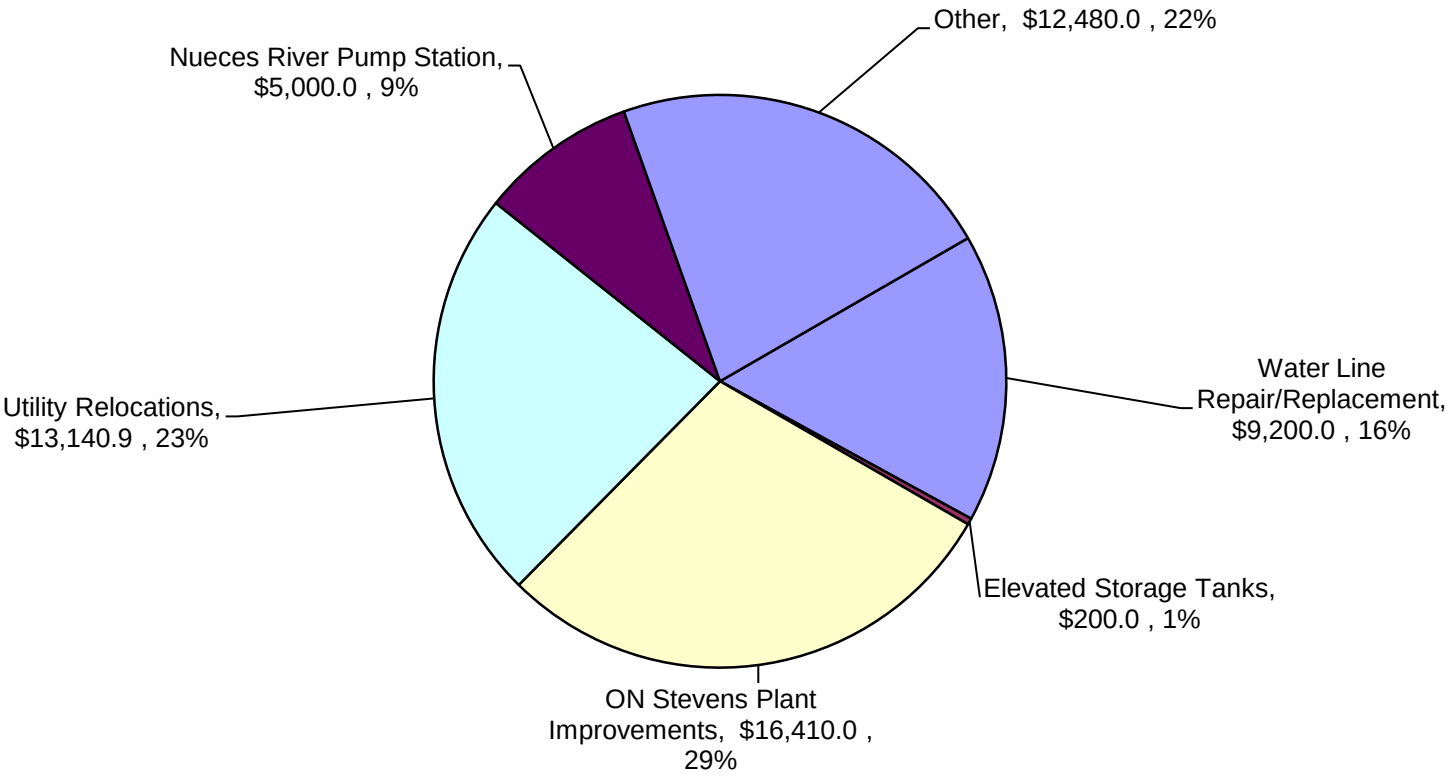
Water
Annual CIP: $56,430.9
(Amounts in 000's)



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WATER
SHORT-RANGE CIP
(Amounts in 000's)

Seq #	Project Name	Project-to-Date Obligations July 2018	Unspent Prior Budget as of July 2018	Uncertified Obligation Remaining	**CIP Budget Year 1 2018 - 2019**	Year 2 2019 - 2020	Year 3 2020 - 2021	**Three Year Total**
WA 01	**Nueces River Raw Water Pump Station** Finance and Engineering Number: E11068	3,167.5			**5,000.0**	6,600.0		**11,600.0**
WA 02	**Nueces River Raw Water Pump Station Transmission Main** Finance and Engineering Number: TBD					2,500.0	2,500.0	**5,000.0**
WA 03	**ONSWTP High Service Building No. 3** Finance and Engineering Number: E11066	20,301.5		5,114.5	**2,000.0**			**2,000.0**
WA 04	**ONSWTP Raw Water Influent and Chemical Facilities Improvements** Finance and Engineering Number: 180415/E12211/E17047	2,984.7			**7,500.0**	12,000.0	6,500.0	**26,000.0**
WA 05	**ONSWTP On-Site Hypochlorite Generation** Finance and Engineering Number: E10144	106.3			**2,500.0**	10,000.0	10,000.0	**22,500.0**
WA 06	**ONSWTP Solids Handling and Disposal Facilities** Finance and Engineering Number: 180195	15.4			**480.0**	5,500.0	6,500.0	**12,480.0**
WA 07	**ONSWTP Site Infrastructure Improvements** Finance and Engineering Number: E13051	275.7		150.0	**1,200.0**	500.0	500.0	**2,200.0**
WA 08	**ONSWTP Sedimentation Basin Improvements, Lagoon 5 & 6 and Pressed Dredging** Finance and Engineering Number: TBD				**600.0**	2,500.0	1,900.0	**5,000.0**

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WATER
SHORT-RANGE CIP
(Amounts in 000's)

Seq #	Project Name	Project-to-Date Obligations July 2018	Unspent Prior Budget as of July 2018	Uncertified Obligation Remaining	**CIP Budget Year 1 2018 - 2019**	Year 2 2019 - 2020	Year 3 2020 - 2021	**Three Year Total**
WA 09	**ONSWTP Clearwell No. 3** Finance and Engineering Number: TBD				**1,500.0**	1,500.0	6,000.0	**9,000.0**
WA 10	**ONSWTP Filtration System Hydraulic Improvements** Finance and Engineering Number: TBD				**65.0**	500.0	1,500.0	**2,065.0**
WA 11	**ONSWTP Potable Water Line Rehabilitation** Finance and Engineering Number: TBD				**65.0**	150.0	600.0	**815.0**
WA 12	**ONSWTP Filtration Building Rehabilitation - Phase 2** Finance and Engineering Number: TBD					500.0	2,000.0	**2,500.0**
WA 13	**ONSWTP Electrical Distribution Improvements** Finance and Engineering Number: TBD				**500.0**	250.0	250.0	**1,000.0**
WA 14	**Citywide Water Distribution System Indefinite Delivery/Indefinite Quantity (IDIQ) Program** Finance and Engineering Number: 18094A	2,924.3		2,199.5	**6,000.0**	6,000.0	6,000.0	**18,000.0**
WA 15	**San Patricio Municipal Water District Transmission Main Connection** Finance and Engineering Number: TBD				**4,780.0**			**4,780.0**

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WATER
SHORT-RANGE CIP
(Amounts in 000's)

Seq #	Project Name	Project-to-Date Obligations July 2018	Unspent Prior Budget as of July 2018	Uncertified Obligation Remaining	**CIP Budget Year 1 2018 - 2019**	Year 2 2019 - 2020	Year 3 2020 - 2021	**Three Year Total**
WA 16	**Yorktown Boulevard Water Line Extension** Finance and Engineering Number: TBD				**200.0**	2,000.0		**2,200.0**
WA 17	**Water Line Replacement Program** Finance and Engineering Number: TBD				**1,500.0**	2,200.0	2,200.0	**5,900.0**
WA 18	**Elevated Water Storage Tanks - Citywide (ACR Implementation Plan, Phase 3)** Finance and Engineering Number: E16290	702.3			**200.0**	3,000.0	7,000.0	**10,200.0**
WA 19	**Permanent Enclosure for Water Disinfection System at Navigation Pump Station** Finance and Engineering Number: TBD				**500.0**			**500.0**
WA 20	**Water System Process Control Reliability Improvements** Finance and Engineering Number: E13031	151.7			**1,000.0**			**1,000.0**
WA 21	**Water Line Replacement In-House** Finance and Engineering Number: N/A				**1,000.0**	1,000.0	1,000.0	**3,000.0**
WA 22	**Water Transmission Infrastructure Cathodic Protection Improvements** Finance and Engineering Number: E15093	129.8			**700.0**			**700.0**

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WATER
SHORT-RANGE CIP
(Amounts in 000's)

Seq #	Project Name	Project-to-Date Obligations July 2018	Unspent Prior Budget as of July 2018	Uncertified Obligation Remaining	**CIP Budget Year 1 2018 - 2019**	Year 2 2019 - 2020	Year 3 2020 - 2021	**Three Year Total**
WA 23	**City Large-Size Water Line Assessment and Repairs** Finance and Engineering Number: TBD				**500.0**		1,000.0	**1,500.0**
WA 24	**Utility Building Expansion** Finance and Engineering Number: E15157	62.9			**2,500.0**	2,300.0		**4,800.0**
WA 25	**TxDOT Water Line Relocation - Harbor Bridge** Finance and Engineering Number: E15158	496.8			**3,000.0**	5,000.0	2,500.0	**10,500.0**
	Water Program Sub-Total:	31,318.9		7,464.0	**43,290.0**	**64,000.0**	**57,950.0**	**165,240.0**
	***Utility Relocation Costs for Bond 2008**	68.1						
	***Utility Relocation Costs for Bond 2012**	720.0		667.5	**2,066.1**		**207.0**	**2,273.1**
	***Utility Relocation Costs for Bond 2014**	6,298.8	35.8	1,768.8	**3,562.0**	**650.0**		**4,212.0**
	***Utility Relocation Costs for Bond 2016**				**137.0**			**137.0**
	***** Utility Relocation Cost for Type B Sales Tax Projects**				**3,163.5**	**2,870.2**		
	Utility Support Proposed Bond 2018 Prop A & B		895.3		**4,212.3**	**10,715.9**	**5,500.4**	**20,428.6**
	TOTAL PROGRAMMED EXPENDITURES:	**38,405.8**	**931.1**	**9,900.3**	**56,430.9**	**78,236.1**	**63,657.4**	**192,290.7**

** relocation costs and funding reflected within Streets Program*

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WATER
SHORT-RANGE CIP
(Amounts in 000's)

Seq #	Project Name	Project-to-Date Obligations July 2018	Unspent Prior Budget as of July 2018	Uncertified Obligation Remaining	**CIP Budget Year 1 2018 - 2019**	Year 2 2019 - 2020	Year 3 2020 - 2021	**Three Year Total**
	CURRENTLY AVAILABLE FUNDING:							
	Existing Revenue Bond	**38,405.8**	**931.1**					**-**
	Total Currently Available:	**38,405.8**	**931.1**					**-**
	RECOMMENDED ADDITIONAL FUNDING:							
	Revenue Bond			**9,900.3**	**56,430.9**	**78,236.1**	**63,657.4**	**192,290.7**
	TOTAL PROGRAMMED FUNDS:	**38,405.8**	**931.1**	**9,900.3**	**56,430.9**	**78,236.1**	**63,657.4**	**192,290.7**

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PROJECT DESCRIPTION

Department: **WATER** Sequence #01

PROJECT TITLE: Nueces River Raw Water Pump Station

Consistency with the Comprehensive Plan: Policy Statements pp. 48: 1,3 & 6; pp. 55-57; Water Master Plan

DESCRIPTION:

This project will improve pumping capacity and reliability of Nueces River Raw Water Pump Station (NRRWPS). The pump station transfers raw water from Nueces River to O.N. Stevens Water Treatment Plant (ONSWTP). The existing station consists of two pump buildings. Pump Building No. 1 was constructed in 1954 with four vertical turbine pumps, only two of these pumps are in service now. Pump Building No. 2 was constructed in 1981 and contains four dry pit centrifugal pumps. Current pumping capacity is 140.5 MGD with all operable pumps working and firm yield is 103.0 MGD. Maximum water demand treated at ONSWTP has been 111.7 MGD and the pump station has been unable to meet peak demands. Major elements of project include refurbish Pump Building No.1 and No. 2, construct new electrical control room and new backup generator, and provide a new pump in Pump Building No.1.

PROJECT NOTES:

TREATMENT

Project No: E11068

A/E Consultant: Urban Engineering, Inc.

Contractor: TBD

Award Design: Sept. 2014

Award Construction: FY 2019

Anticipated Completion: FY 2020

FUNDING SCHEDULE (Amount in 000's)

Use of Funds	Project-to-Date Obligations July 2018	Unspent Prior Budget as of July 2018	**CIP Budget Year 1 2018 - 2019**	Year 2 2019 - 2020	Year 3 2020 - 2021	**Future Budget Required (Years 4 - 10)**	**Total Project Value (Amounts in $'s)**
Design & Engineering	2,995.8		**150.0**	150.0			**3,295,800**
Construction			**3,850.0**	5,130.0			**8,980,000**
Contingency			**500.0**	660.0			**1,160,000**
Inspection/Other	171.7		**500.0**	660.0			**1,331,700**
TOTAL:	3,167.5		**5,000.0**	6,600.0			**$ 14,767,500**
Source of Funds							
Revenue Bond	3,167.5		**5,000.0**	6,600.0			**14,767,500**
TOTAL:	3,167.5		**5,000.0**	6,600.0			**$ 14,767,500**

OPERATIONAL IMPACT:

This project provides uninterrupted water supply from Nueces River. The need for reliable, redundant sources of raw water will be met and the City can confidently welcome new businesses. Should this project not be realized, and ONSWTP is faced with peak water demands, the City could face water shortages and a less than favorable public image. Operational budget impact should be improved through more efficient equipment.

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PROJECT DESCRIPTION

Department: **WATER**

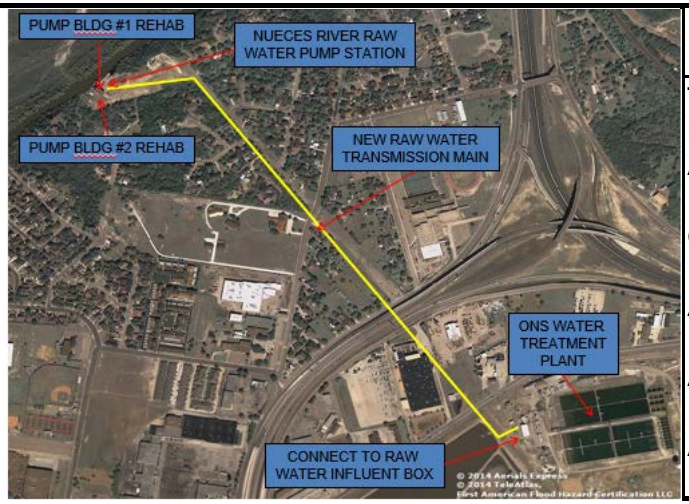
Sequence #02

PROJECT TITLE: Nueces River Raw Water Pump Station Transmission Main

Consistency with the Comprehensive Plan: Policy Statements pp. 48: 1,3 & 6; pp. 55-57; Water Master Plan

DESCRIPTION:

This project is a continuation of a previous capital project for the Nueces River Raw Water Pump Station. This project provides redundancy with a new 54-inch water transmission main from Nueces River Pump Building to O.N. Stevens Water Treatment Plant.



PROJECT NOTES:

TREATMENT

Project No: TBD

A/E Consultant: Urban Engineering, Inc.

Contractor: TBD

Award Design: TBD

Award Construction: TBD

Anticipated Completion: TBD

FUNDING SCHEDULE (Amount in 000's)

Use of Funds	Project-to-Date Obligations July 2018	Unspent Prior Budget as of July 2018	**CIP Budget Year 1 2018 - 2019**	Year 2 2019 - 2020	Year 3 2020 - 2021	**Future Budget Required (Years 4 - 10)**	**Total Project Value (Amounts in $'s)**
Design & Engineering				250.0	**250.0**		500,000
Construction				1,750.0	**1,750.0**		3,500,000
Contingency				250.0	**250.0**		500,000
Inspection/Other				250.0	**250.0**		500,000
TOTAL:				2,500.0	2,500.0		**$ 5,000,000**
Source of Funds							
Revenue Bond				2,500.0	2,500.0		5,000,000
TOTAL:				2,500.0	2,500.0		**$ 5,000,000**

OPERATIONAL IMPACT:

This project will provide water transmission redundancy and assure City water supply up to 160 MGD.

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PROJECT DESCRIPTION

Department: **WATER** Sequence #03

PROJECT TITLE: ONSWTP High Service Building No. 3

Consistency with the Comprehensive Plan: Policy Statements pp. 48: 1,3 & 6; pp. 55-57; Water Master Plan

DESCRIPTION:

This project provides for construction of a new High Service Building as the repair/replacement of existing High Service Building No. 1, including equipment, is not feasible nor cost effective. This project will replace four (4) existing tilting disc check valves (TDCVs) and all existing Multiline Motor protection relays (MRP) at High Service Building #2 to provide consistency and facilitate maintenance between both High Service No. 2 and High Service No. 3 Pump Stations. New High Service Building No. 3 will have capability to deliver treated water to distribution system from existing Clear-well No. 1, Clear-well No. 2 and future programmed Clearwell No.3. Completion of this project will enable the City to decommission and take High Service Building No. 1 out of service. Construction is anticipated to be complete by December 2019.

PROJECT NOTES:

TREATMENT

Project No:	E11066
A/E Consultant:	LNV
Contractor:	PLW
Award Design:	Feb 2013
Award Construction:	Aug 2016
Anticipated Completion:	Dec 2019

FUNDING SCHEDULE (Amount in 000's)

Use of Funds	Project-to-Date Obligations July 2018	Unspent Prior Budget as of July 2018	Uncertified Obligation Remaining	**CIP Budget Year 1 2018 - 2019**	Year 2 2019 - 2020	Year 3 2020 - 2021	**Future Budget Required (Years 4 - 10)**	**Total Project Value (Amounts in $'s)**
Design & Engineering	2,910.3		5,114.5	**100.0**				8,124,800
Construction	16,986.8			**1,000.0**				17,986,800
Contingency				**500.0**				500,000
Inspection/Other	404.4			**400.0**				804,400
TOTAL:	20,301.5		5,114.5	**2,000.0**				**$ 27,416,000**
Source of Funds								
Revenue Bond	20,301.5		5,114.5	**2,000.0**				27,416,000
TOTAL:	20,301.5		5,114.5	**2,000.0**				**$ 27,416,000**

OPERATIONAL IMPACT:

Constructing a new High Service Building No. 3 will allow the plant to continue uninterrupted treated water delivery and have the ability to operate with new elevated storage tanks that are planned in compliance with Texas Commission on Environmental Qualities Alternative Capacity Requirement (ACR).

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PROJECT DESCRIPTION

Department: **WATER** Sequence #04

PROJECT TITLE: ONSWTP Raw Water Influent and Chemical Facilities Improvements

Consistency with the Comprehensive Plan: Policy Statements pp. 48: 1,3 & 6; pp. 55-57; Water Master Plan

DESCRIPTION:

The City initiated two separate capital projects for ONSWTP Raw Water Influent Improvements and ONSWTP Chemical Feed Facilities Improvements to solve hydraulic constraints and optimize chemical feed systems at the plant. To minimize impacts to operations and achieve cost efficiencies, construction of these two projects will be combined into one construction contract. Objectives of this combined project are to:

• Eliminate all hydraulic constrictions in front end piping;

• Modernize chemical storage and chemical feed systems at ONSWTP that optimizes dosage, reliability, monitoring and control of water treatment chemicals.

These improvements are necessary to meet requirements of TCEQ Rules and Regulations 30 TAC 290.42., and support future plans to increase water treatment capacity at ONSWTP. Combined construction is anticipated to be competed by early 2021.

PROJECT NOTES:

TREATMENT

Project Nos: 180415 E12211 E17047

A/E Consultants: Freese Nichols / LNV

Contractor: TBD

Award Design: May 2008

Award Construction: Feb 2019

Anticipated Completion: FY 2021

FUNDING SCHEDULE (Amount in 000's)

Use of Funds	Project-to-Date Obligations July 2018	Unspent Prior Budget as of July 2018	**CIP Budget Year 1 2018 - 2019**	Year 2 2019 - 2020	Year 3 2020 - 2021	**Future Budget Required (Years 4 - 10)**	**Total Project Value (Amounts in $'s)**
Design & Engineering	2,789.3		**750.0**				3,539,300
Construction			**5,250.0**	9,600.0	5,200.0		20,050,000
Contingency			**750.0**	1,200.0	650.0		2,600,000
Inspection/Other	195.4		**750.0**	1,200.0	650.0		2,795,400
TOTAL:	2,984.7		**7,500.0**	12,000.0	6,500.0		**$ 28,984,700**
Source of Funds							
Revenue Bond	2,984.7		**7,500.0**	12,000.0	6,500.0		28,984,700
TOTAL:	2,984.7		**7,500.0**	12,000.0	6,500.0		**$ 28,984,700**

OPERATIONAL IMPACT:

This project will allow the Plant to meet upcoming demand as projected by the Texas Water Development Board, increase treatment capacity and improve treatment efficiency. The cost to treat water should be reduced due to increased plant efficiencies.

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PROJECT DESCRIPTION

Department: **WATER** Sequence #05

PROJECT TITLE: ONSWTP On-Site Hypochlorite Generation

Consistency with the Comprehensive Plan: Policy Statements pp. 48: 1,3 & 6; pp. 55-57; Water Master Plan

DESCRIPTION:

The ON Stevens Water Treatment Plant currently uses chlorine gas to form monochloramines, the primary disinfectant in water treatment. Up to 185 tons of liquid chlorine can be stored and handled on site, in a combination of rail cars and one-ton cylinders. This project will replace existing, aging chlorine gas system with safer and more reliable on-site hypochlorite generation system. This will eliminate the health and life risk of exposure to chlorine gas to ONSWTP staff and surrounding communities. Will also include modifications to the existing chlorine dioxide system.

PROJECT NOTES:

TREATMENT

Project No:	E10144
A/E Consultant:	Hazen & Sawyer
Contractor:	TBD
Award Design:	TBD
Award Construction:	TBD
Anticipated Completion:	TBD

FUNDING SCHEDULE (Amount in 000's)

Use of Funds	Project-to-Date Obligations July 2018	Unspent Prior Budget as of July 2018	**CIP Budget Year 1 2018 - 2019**	Year 2 2019 - 2020	Year 3 2020 - 2021	**Future Budget Required (Years 4 - 10)**	**Total Project Value (Amounts in $'s)**
Design & Engineering	84.7		**2,000.0**	1,250.0	325.0	325.0	**3,984,700**
Construction			**-**	6,750.0	7,675.0	7,675.0	**22,100,000**
Contingency			**250.0**	1,000.0	1,000.0	1,000.0	**3,250,000**
Inspection/Other	21.6		**250.0**	1,000.0	1,000.0	1,000.0	**3,271,600**
TOTAL:	106.3	-	**2,500.0**	10,000.0	10,000.0	10,000.0	**$ 32,606,300**
Source of Funds							
Revenue Bond	106.3		**2,500.0**	10,000.0	10,000.0	10,000.0	**32,606,300**
TOTAL:	106.3	-	**2,500.0**	10,000.0	10,000.0	10,000.0	**$ 32,606,300**

OPERATIONAL IMPACT:

Proposed improvements will completely eliminate ONSWTP's dependence on hazardous liquid chlorine for water disinfection thereby reducing health and life risk of ONSWTP staff and surrounding communities.

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PROJECT DESCRIPTION

Department: **WATER** Sequence #06

PROJECT TITLE: ONSWTP Solids Handling and Disposal Facilities

Consistency with the Comprehensive Plan: Policy Statements pp. 48: 1,3 & 6; pp. 55-57; Water Master Plan

DESCRIPTION:

This project will consist of long term planning, design and construction activities associated with collection, handling and disposal of water treatment plant residuals (solids) generated at O.N. Stevens Water Treatment Plant. Currently, solids are temporarily stored in lagoon 7, and the north and south lagoons; when they are full, these solids are pumped to Pollywog Ponds. Pollywog Ponds are nearing capacity and new methods of solids handling and disposal need to be identified and implemented. This project will evaluate options for long term solids disposal, and allow for design and construction activities related to new sludge handling facilities.

PROJECT NOTES:

TREATMENT

Project No:	180195
A/E Consultant:	LNV, Inc.
Contractor:	TBD
Award Design:	TBD
Award Construction:	TBD
Anticipated Completion:	TBD

FUNDING SCHEDULE (Amount in 000's)

Use of Funds	Project-to-Date Obligations July 2018	Unspent Prior Budget as of July 2018	**CIP Budget Year 1 2018 - 2019**	Year 2 2019 - 2020	Year 3 2020 - 2021	**Future Budget Required (Years 4 - 10)**	**Total Project Value (Amounts in $'s)**
Design & Engineering			**460.0**	500.0	200.0		**1,160,000**
Construction				4,000.0	5,000.0		**9,000,000**
Contingency			**10.0**	600.0	650.0		**1,260,000**
Inspection/Other	15.4		**10.0**	400.0	650.0		**1,075,400**
TOTAL:	15.4	-	**480.0**	5,500.0	6,500.0		**$ 12,495,400**
Source of Funds							
Revenue Bond	15.4		**480.0**	5,500.0	6,500.0		**12,495,400**
TOTAL:	15.4	-	**480.0**	5,500.0	6,500.0		**$ 12,495,400**

OPERATIONAL IMPACT:

This project will allow the Plant to meet upcoming demand as projected by the Texas Water Development Board, increase treatment capacity and improve treatment efficiency. The cost to treat the water should be reduced due to plant efficiencies.

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PROJECT DESCRIPTION

Department: **WATER**

Sequence #07

PROJECT TITLE: ONSWTP Site Infrastructure Improvements

Consistency with the Comprehensive Plan: Policy Statements
pp. 48: 1,3 & 6; pp. 55-57; Water Master Plan

DESCRIPTION:

This project will serve as a mechanism to execute major facility and site improvements, end-of-life equipment replacement, and unanticipated capital upgrades for ONSWTP. Improvements will include, but not limited to, filter-to-drain sluice gate replacement; filter-to-drain butterfly valves replacement; filter-to-waste butterfly valves replacement; facilitates structural repairs; cable tray foundation repairs, FBI building relocation, and storm water drainage repair and improvements. This project also include demolition of the old Atlee Cunningham Water Treatment Plant.

PROJECT NOTES:

TREATMENT

Project No: E13051

A/E Consultant: Freese Nichols, Inc.

Contractor: TBD

Award Design: Oct. 2017

Award Construction: Sept. 2018

Anticipated Completion: Aug. 2021

FUNDING SCHEDULE (Amount in 000's)

Use of Funds	Project-to-Date Obligations July 2018	Unspent Prior Budget as of July 2018	Uncertified Obligation Remaining	**CIP Budget Year 1 2018 - 2019**	Year 2 2019 - 2020	Year 3 2020 - 2021	**Future Budget Required (Years 4 - 10)**	**Total Project Value (Amounts in $'s)**
Design & Engineering	225.3		150.0	**400.0**	300.0	300.0		**1,375,300**
Construction								**-**
Contingency				**120.0**	50.0	50.0		**220,000**
Inspection/Other	50.4			**680.0**	150.0	150.0		**1,030,400**
TOTAL:	275.7		150.0	**1,200.0**	500.0	500.0		**$ 2,625,700**
Source of Funds								
Revenue Bond	275.7		150.0	**1,200.0**	500.0	500.0		**2,625,700**
TOTAL:	275.7	-	150.0	**1,200.0**	500.0	500.0		**$ 2,625,700**

OPERATIONAL IMPACT:

Project will reduce risk of unexpected equipment or facilities failure. Responsible, proactive replacement and upgrade instead of reactive emergency repair can reduce cost of operation and better predictable system performance.

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PROJECT DESCRIPTION

Department: **WATER** Sequence #08

PROJECT TITLE: ONSWTP Sedimentation Basin Improvements, Lagoon 5 & 6 and Dredging

Consistency with the Comprehensive Plan: Policy Statements pp. 48: 1,3 & 6; pp. 55-57; Water Master Plan

DESCRIPTION:

The existing Trac-Vac solids collector system at ONSWTP Plant 1 primary sedimentation basin is obsolete and has exceeded its useful design life. The existing system has a constant maintenance problem for plant operations and often fails due to lost suction or hanging up in the solids blanket. As a result, it is inefficient and ineffective at removing solids from the basins. Accumulation of solids impacts the plant's ability to reliably treat water. This project will conduct a preliminary design to determine alternatives and best option for replacing the existing system, develop detailed design and construction documents, and provide construction phase services. This project will also address one-time removal and disposal of accumulated sludge and existing vegetation in ONSWTP process lagoons.

PROJECT NOTES:

TREATMENT

Project No:	TBD
A/E Consultant:	Hazen & Sawyer
Contractor:	TBD
Award Design:	TBD
Award Construction:	TBD
Anticipated Completion:	TBD

FUNDING SCHEDULE (Amount in 000's)

Use of Funds	Project-to-Date Obligations July 2018	Unspent Prior Budget as of July 2018	**CIP Budget Year 1 2018 - 2019**	Year 2 2019 - 2020	Year 3 2020 - 2021	**Future Budget Required (Years 4 - 10)**	**Total Project Value (Amounts in $'s)**
Design & Engineering			**480.0**	10.0	10.0		**500,000**
Construction				1,990.0	1,510.0		**3,500,000**
Contingency			**60.0**	250.0	190.0		**500,000**
Inspection/Other			**60.0**	250.0	190.0		**500,000**
TOTAL:			**600.0**	2,500.0	1,900.0		**$ 5,000,000**
Source of Funds							
Revenue Bond			**600.0**	2,500.0	1,900.0		**5,000,000**
TOTAL:			**600.0**	2,500.0	1,900.0		**$ 5,000,000**

OPERATIONAL IMPACT:

This project reduces risk of unexpected equipment or facilities failure. Responsible, proactive replacement and upgrades will save money over reactive emergency repair. Reduced cost of operation due to predictable system performance.

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PROJECT DESCRIPTION

Department: **WATER** Sequence #09

PROJECT TITLE: ONSWTP Clearwell No. 3

Consistency with the Comprehensive Plan: Policy Statements pp. 48: 1,3 & 6; pp. 55-57; Water Master Plan

DESCRIPTION:

Clearwell 1 at ONSWTP has a 4 MG capacity and was originally constructed in 1954. It has exceeded its design lifespan with severe deterioration. In addition, with increased treatment capacity of ONSWTP, Clearwell 1 cannot meet TCEQ requirements of providing a minimum clear well storage capacity. This project will build a new Clearwell 3 at ONSWTP to meet the requirements of treatment capacity and operations. The 10 MG Clearwell 2 at ONSWTP remains in good condition and is able to function as intended.

PROJECT NOTES:

TREATMENT

Project No:	TBD
A/E Consultant:	LNV, Inc.
Contractor:	TBD
Award Design:	TBD
Award Construction:	TBD
Anticipated Completion:	TBD

FUNDING SCHEDULE (Amount in 000's)

Use of Funds	Project-to-Date Obligations July 2018	Unspent Prior Budget as of July 2018	**CIP Budget Year 1 2018 - 2019**	Year 2 2019 - 2020	Year 3 2020 - 2021	**Future Budget Required (Years 4 - 10)**	**Total Project Value (Amounts in $'s)**
Design & Engineering			**1,200.0**	1,200.0	200.0	200.0	**2,800,000**
Construction			**-**		4,600.0	15,000.0	**19,600,000**
Contingency			**150.0**	150.0	600.0	1,900.0	**2,800,000**
Inspection/Other			**150.0**	150.0	600.0	1,900.0	**2,800,000**
TOTAL:			**1,500.0**	1,500.0	6,000.0	19,000.0	**$ 28,000,000**
Source of Funds							
Revenue Bond			**1,500.0**	1,500.0	6,000.0	19,000.0	**28,000,000**
TOTAL:			**1,500.0**	1,500.0	6,000.0	19,000.0	**$ 28,000,000**

OPERATIONAL IMPACT:

This project ensures compliance with TCEQ requirements.

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PROJECT DESCRIPTION

Department: **WATER** Sequence #10

PROJECT TITLE: ONSWTP Filtration System Hydraulic Improvements

Consistency with the Comprehensive Plan: Policy Statements pp. 48: 1,3 & 6; pp. 55-57; Water Master Plan

DESCRIPTION:

This project upgrades filtration system components and equipment which have reached the end of service life. Project addresses post-filtration hydraulic bottlenecks which will assist ONSWTP in meeting future capacity requirement of 200 MGD. Improvements will include, but not be limited to: upgrades to filtration system piping; replacement of filter gates, valves, and actuators; and filtration system effluent piping and channel hydraulic improvements.

PROJECT NOTES:

TREATMENT

Project No:	TBD
A/E Consultant:	TBD
Contractor:	TBD
Award Design:	TBD
Award Construction:	TBD
Anticipated Completion:	TBD

FUNDING SCHEDULE (Amount in 000's)

Use of Funds	Project-to-Date Obligations July 2018	Unspent Prior Budget as of July 2018	**CIP Budget Year 1 2018 - 2019**	Year 2 2019 - 2020	Year 3 2020 - 2021	**Future Budget Required (Years 4 - 10)**	**Total Project Value (Amounts in $'s)**
Design & Engineering			**50.0**	150.0	50.0		**250,000**
Construction				250.0	1,150.0		**1,400,000**
Contingency			**10.0**	50.0	150.0		**210,000**
Inspection/Other			**5.0**	50.0	150.0		**205,000**
TOTAL:			**65.0**	500.0	1,500.0		**$ 2,065,000**
Source of Funds							
Revenue Bond			**65.0**	500.0	1,500.0		**2,065,000**
TOTAL:			**65.0**	500.0	1,500.0		**$ 2,065,000**

OPERATIONAL IMPACT:

This project will ensure ONSWTP is better able to meet regulatory capacity requirement of 200 MGD by optimizing treatment and production of potable water.

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PROJECT DESCRIPTION

Department: **WATER** Sequence #11

PROJECT TITLE: ONSWTP Potable Water Line Rehabilitation

Consistency with the Comprehensive Plan: Policy Statements pp. 48: 1,3 & 6; pp. 55-57; Water Master Plan

DESCRIPTION:

This project will establish a reliable potable water distribution system within ONSWTP to provide stable water pressure and flow necessary to optimize internal operations and maintenance processes. Improvements will include, but are not limited to: replacement of water distribution piping throughout plant; replacement of valves, connections, and various appurtenances.

PROJECT NOTES:

TREATMENT

Project No:	TBD
A/E Consultant:	TBD
Contractor:	TBD
Award Design:	TBD
Award Construction:	TBD
Anticipated Completion:	TBD

FUNDING SCHEDULE (Amount in 000's)

Use of Funds	Project-to-Date Obligations July 2018	Unspent Prior Budget as of July 2018	**CIP Budget Year 1 2018 - 2019**	Year 2 2019 - 2020	Year 3 2020 - 2021	**Future Budget Required (Years 4 - 10)**	**Total Project Value (Amounts in $'s)**
Design & Engineering			**50.0**	60.0	15.0		**125,000**
Construction				60.0	465.0		**525,000**
Contingency			**10.0**	15.0	60.0		**85,000**
Inspection/Other			**5.0**	15.0	60.0		**80,000**
TOTAL:			**65.0**	150.0	600.0		**$ 815,000**
Source of Funds							
Revenue Bond			**65.0**	150.0	600.0		**815,000**
TOTAL:			**65.0**	150.0	600.0		**$ 815,000**

OPERATIONAL IMPACT:

This project will ensure ONSWTP is operating treatment equipment in the most reliable, effective, and efficient manner thereby improving longevity and service life.

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PROJECT DESCRIPTION

Department: **WATER** Sequence #12

PROJECT TITLE: ONSWTP Filter Building Rehabilitation - Phase 2

Consistency with the Comprehensive Plan: Policy Statements pp. 48: 1,3 & 6; pp. 55-57; Water Master Plan

DESCRIPTION:

This project will complete rehabilitation of the Filter Building at ONSWTP originally constructed in 1954. Phase 1 addressed the North wing and was completed in 2013. Under Phase 2, the South wing will be rehabilitated to house Water Quality (WQ) and Environmental Quality (EQ) staff currently located in the Chemical Building at ONSWTP. Work will consist of removing hazardous asbestos, performing structural repairs as needed, and reconfiguring available space to accommodate multiple offices, breakroom and restrooms. Currently, WQ and EQ staff are housed in a former sub-standard industrial building in close proximity to hazardous chemicals.

PROJECT NOTES:

ADMINISTRATION

Project No:	TBD
A/E Consultant:	TBD
Contractor:	TBD
Award Design:	TBD
Award Construction:	TBD
Anticipated Completion:	TBD

FUNDING SCHEDULE (Amount in 000's)

Use of Funds	Project-to-Date Obligations July 2018	Unspent Prior Budget as of July 2018	**CIP Budget Year 1 2018 - 2019**	Year 2 2019 - 2020	Year 3 2020 - 2021	**Future Budget Required (Years 4 - 10)**	**Total Project Value (Amounts in $'s)**
Design & Engineering				200.0	50.0		**250,000**
Construction				200.0	1,550.0		**1,750,000**
Contingency				50.0	200.0		**250,000**
Inspection/Other				50.0	200.0		**250,000**
TOTAL:				500.0	2,000.0		**$ 2,500,000**
Source of Funds							
Revenue Bond				500.0	2,000.0		**2,500,000**
TOTAL:				500.0	2,000.0		**$ 2,500,000**

OPERATIONAL IMPACT:

This project will provide safe and functional work space for Water Quality team and laboratory staff and equipment.

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PROJECT DESCRIPTION

Department: **WATER** Sequence #13

PROJECT TITLE: ONSWTP Electrical Distribution Improvements

Consistency with the Comprehensive Plan: Policy Statements pp. 48: 1,3 & 6; pp. 55-57; Water Master Plan

DESCRIPTION:

This project is the second phase of plant-wide electrical upgrades at ONSWTP with focus on improving reliability and resilience of Plant's electrical infrastructure, including preliminary design for a detailed condition assessment with development of construction documents, and construction phase services. Improvements include redundant power feed for the pumping complex, replacement of protection equipment that has reached end of service life, integration of power protection equipment into real-time monitoring and diagnostic network. Scope of services also includes technical assistance with troubleshooting electrical and instrumentation issues, configuration, modeling, condition assessment, and electrical system documentation management.

PROJECT NOTES:

TREATMENT

Project No:	TBD
A/E Consultant:	Bath Engineering
Contractor:	TBD
Award Design:	TBD
Award Construction:	TBD
Anticipated Completion:	TBD

FUNDING SCHEDULE (Amount in 000's)

Use of Funds	Project-to-Date Obligations July 2018	Unspent Prior Budget as of July 2018	**CIP Budget Year 1 2018 - 2019**	Year 2 2019 - 2020	Year 3 2020 - 2021	**Future Budget Required (Years 4 - 10)**	**Total Project Value (Amounts in $'s)**
Design & Engineering			**400.0**	200.0	200.0	200.0	**1,000,000**
Construction						2,600.0	**2,600,000**
Contingency			**50.0**	25.0	25.0	350.0	**450,000**
Inspection/Other			**50.0**	25.0	25.0	350.0	**450,000**
TOTAL:			**500.0**	250.0	250.0	3,500.0	**$ 4,500,000**
Source of Funds							
Revenue Bond			**500.0**	250.0	250.0	3,500.0	**4,500,000**
TOTAL:			**500.0**	250.0	250.0	3,500.0	**$ 4,500,000**

OPERATIONAL IMPACT:

This project will prevent plant shutdowns due to aged electrical equipment. Managed electrical system performance with early detection of potential causes of failure will be achieved. Power consumption monitoring for optimization will reduce operational cost.

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PROJECT DESCRIPTION

Department: **WATER** Sequence #14

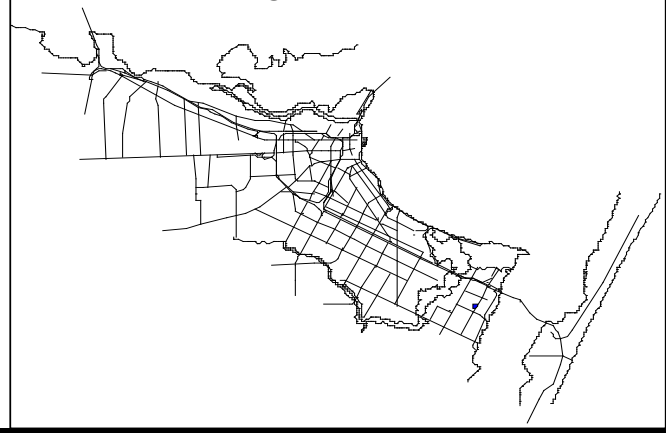
PROJECT TITLE: Citywide Water Distribution System Indefinite Delivery/Indefinite Quantity (IDIQ) Program

Consistency with the Comprehensive Plan: Policy Statements
pp. 48: 1,3 & 6; pp. 55-57; Water Master Plan

DESCRIPTION:

This project provides a strategic lifecycle program for replacement and extension of the City's water distribution system (1,368 miles). The program is flexible and provides a systemic approach to extend service life of the system while enhancing monitoring capability and water quality. Additional benefits will include increased distribution reliability with reduced service outages, and reduced operational costs. A major priority of lifecycle improvements will maximize CIP investments increasing capacity of the system and deferring unnecessary major upgrades to pump stations and plants. This program is in response to the City's Street Preventative Maintenance Program (SPMP) and construction will be completed by Indefinite Delivery/Indefinite Quantity (IDIQ) delivery orders. Some work will be completed using in-house forces to save on costs where applicable.

CITY WIDE



PROJECT NOTES:

DISTRIBUTION

Project No: 18094A
A/E Consultant: Urban Engineering
Contractor: Clark Pipeline
Award Design: On-Going
Award Construction: On-Going
Anticipated Completion: On-Going

FUNDING SCHEDULE (Amount in 000's)

Use of Funds	Project-to-Date Obligations July 2018	Unspent Prior Budget as of July 2018	Uncertified Obligation Remaining	**CIP Budget Year 1 2018 - 2019**	Year 2 2019 - 2020	Year 3 2020 - 2021	**Future Budget Required (Years 4 - 10)**	**Total Project Value (Amounts in $'s)**
Design & Engineering				**600.0**	600.0	600.0	2,800.0	**4,600,000**
Construction	2,908.0		2,199.5	**4,200.0**	4,200.0	4,200.0	19,600.0	**37,307,500**
Contingency				**600.0**	600.0	600.0	2,800.0	**4,600,000**
Inspection/Other	16.3			**600.0**	600.0	600.0	2,800.0	**4,616,300**
TOTAL:	2,924.3	-	2,199.5	**6,000.0**	6,000.0	6,000.0	28,000.0	**$ 51,123,800**
Source of Funds								
Revenue Bond	2,924.3		2,199.5	**6,000.0**	6,000.0	6,000.0	28,000.0	**51,123,800**
TOTAL:	2,924.3	-	2,199.5	**6,000.0**	6,000.0	6,000.0	28,000.0	**$ 51,123,800**

OPERATIONAL IMPACT:

Extension of service life of water mains is critical to ensuring integrity of the system. This project itself does not increase revenue or decrease expenses, but it prevents cost of maintenance from rising.

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PROJECT DESCRIPTION

Department: **WATER**

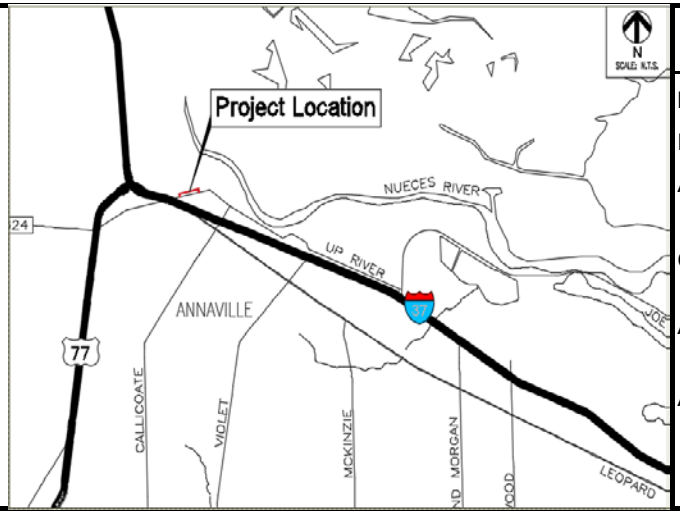
Sequence #15

PROJECT TITLE: San Patricio Municipal Water District Transmission Main Connection

Consistency with the Comprehensive Plan: Policy Statements pp. 48: 1,3 & 6; pp. 55-57; Water Master Plan

DESCRIPTION:

The project will remove and replace existing 20" cast iron waterline that currently runs along Up River Road with 24-in PVC pipe beginning at intersection of Sharpsburg Road and Up River Road, continuing east along Up River Road to Interstate 37 at Sessions Road. The proposed waterline will loop the new 54" and 48" waterline to San Patricio Municipal Water District (SPMWD) to the existing City of Corpus Christi 24" Waterline located on McKinzie. This project also includes decommissioning of approximately 32,000 linear feet of existing 30" cast iron waterline beginning on the east side of IH 37 directly east of Cunningham Plant and continuing south and east along IH 37 and Leopard Road to intersection of Leopard Road and Rand Morgan Road.



PROJECT NOTES:

DISTRIBUTION

Project No:	TBD
A/E Consultant:	TBD
Contractor:	TBD
Award Design/Build:	TBD
Anticipated Completion:	TBD

FUNDING SCHEDULE (Amount in 000's)

Use of Funds	Project-to-Date Obligations July 2018	Unspent Prior Budget as of July 2018	**CIP Budget Year 1 2018 - 2019**	Year 2 2019 - 2020	Year 3 2020 - 2021	**Future Budget Required (Years 4 - 10)**	**Total Project Value (Amounts in $'s)**
Design / Build			**4,000.0**				**4,000,000**
Contingency			**400.0**				**400,000**
Inspection/Other			**380.0**				**380,000**
TOTAL:			**4,780.0**				**$ 4,780,000**
Source of Funds							
Revenue Bond			**4,780.0**				**4,780,000**
TOTAL:			**4,780.0**				**$ 4,780,000**

OPERATIONAL IMPACT:

This project will improve the integrity of the existing line.

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PROJECT DESCRIPTION

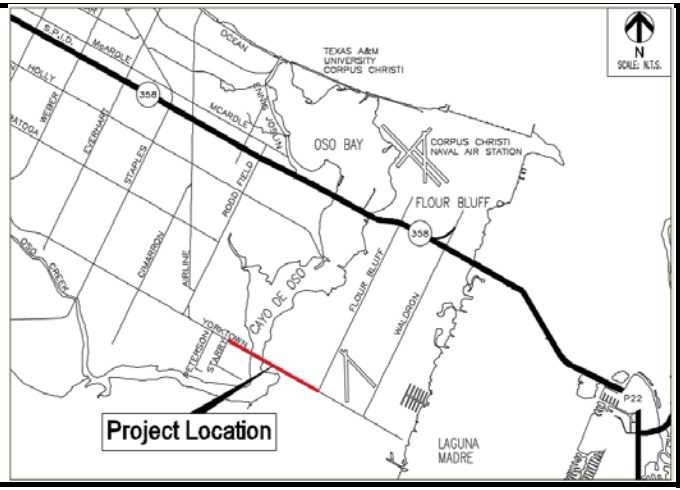
Department: **WATER** Sequence #16

PROJECT TITLE: Yorktown Boulevard Water Line Extension

Consistency with the Comprehensive Plan: Policy Statements pp. 48: 1,3 & 6; pp. 55-57; Water Master Plan

DESCRIPTION:

The project will consist of slip-lining an existing 42" water line from Starry Lane to Flour Bluff Drive. This project provides increased distribution reliability to Flour Bluff and Padre Island and will result in reduced service outages.



PROJECT NOTES:

DISTRIBUTION

Project No:	TBD
A/E Consultant:	TBD
Contractor:	TBD
Award Design:	TBD
Award Construction:	TBD
Anticipated Completion:	TBD

FUNDING SCHEDULE (Amount in 000's)

Use of Funds	Project-to-Date Obligations July 2018	Unspent Prior Budget as of July 2018	**CIP Budget Year 1 2018 - 2019**	Year 2 2019 - 2020	Year 3 2020 - 2021	**Future Budget Required (Years 4 - 10)**	**Total Project Value (Amounts in $'s)**
Design & Engineering			**180.0**	20.0			**200,000**
Construction				1,580.0			**1,580,000**
Contingency			**10.0**	200.0			**210,000**
Inspection/Other			**10.0**	200.0			**210,000**
TOTAL:			**200.0**	2,000.0			**$ 2,200,000**
Source of Funds							
Revenue Bond			**200.0**	2,000.0			**2,200,000**
TOTAL:			**200.0**	2,000.0			**$ 2,200,000**

OPERATIONAL IMPACT:

This project will provide utility redundancy to Flour Bluff and should be a nominal impact to operational budget.

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PROJECT DESCRIPTION

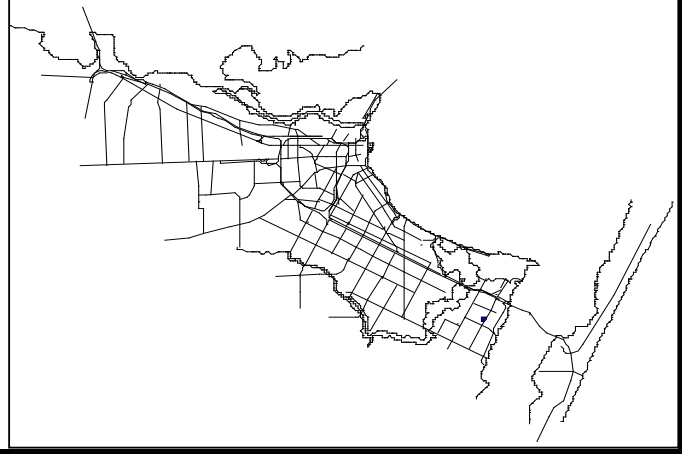
Department: **WATER** Sequence #17

PROJECT TITLE: Water Line Replacement Program

Consistency with the Comprehensive Plan: Policy Statements pp. 48: 1,3 & 6; pp. 55-57; Water Master Plan

DESCRIPTION:
This project provides for a strategic lifecycle program replacement of Galvanized Water Lines within the City's water distribution system. The program is flexible and provides a systematic approach to replacing aging water lines while enhancing water quality. Additional benefits will include increased distribution reliability with reduced service outages and reduced operational costs.

CITY WIDE



PROJECT NOTES:

DISTRIBUTION

Project No:	TBD
A/E Consultant:	TBD
Contractor:	TBD
Award Design:	TBD
Award Construction:	TBD
Anticipated Completion:	TBD

FUNDING SCHEDULE (Amount in 000's)

Use of Funds	Project-to-Date Obligations July 2018	Unspent Prior Budget as of July 2018	**CIP Budget Year 1 2018 - 2019**	Year 2 2019 - 2020	Year 3 2020 - 2021	**Future Budget Required (Years 4 - 10)**	**Total Project Value (Amounts in $'s)**
Design & Engineering			**200.0**	220.0	220.0		**640,000**
Construction			**1,400.0**	1,540.0	1,540.0		**4,480,000**
Contingency			**200.0**	220.0	220.0		**640,000**
Inspection/Other			**200.0**	220.0	220.0		**640,000**
TOTAL:			**2,000.0**	2,200.0	2,200.0		**$ 6,400,000**
Source of Funds							
Revenue Bond			**2,000.0**	2,200.0	2,200.0		**6,400,000**
TOTAL:			**2,000.0**	2,200.0	2,200.0		**$ 6,400,000**

OPERATIONAL IMPACT:

The extension of service life for water mains is critical to ensuring integrity of the system. This project itself does not increase revenue or decrease expenses, but prevents cost of maintenance from rising.

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PROJECT DESCRIPTION

Department: **WATER** Sequence #19

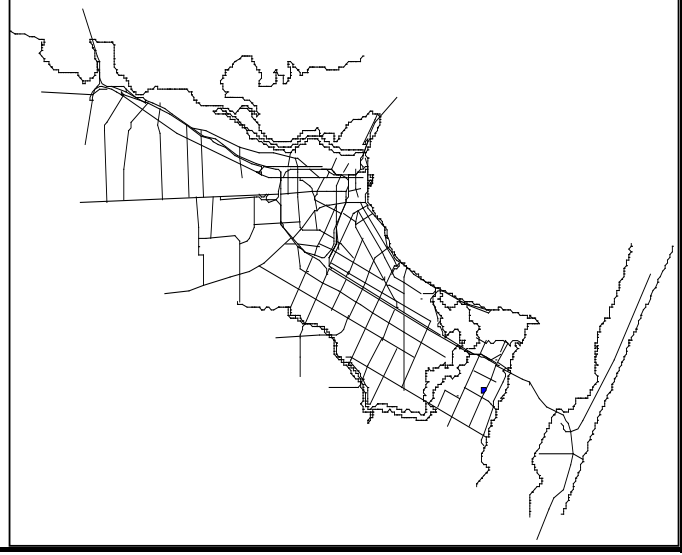
PROJECT TITLE: Elevated Water Storage Tanks - Citywide (ACR Implementation Plan, Phase 3)

Consistency with the Comprehensive Plan: Policy Statements pp. 48: 1,3 & 6; pp. 55-57; Water Master Plan

DESCRIPTION:

The existing Elevated Storage Tanks (EST) have inadequate volume and elevation to meet minimum storage requirement as defined by Texas Commission on Environmental Quality (TCEQ). In June 2012, the TCEQ approved the City's Alternate Capacity Requirement (ACR) Implementation Plan to replace four existing elevated storage tanks (ESTs) at Pressure Zone 1 (including the O.N. Stevens Water Treatment Plant and three pump stations) with four new ESTs in four phases over a nine-year period. This Plan increases combined capacity of elevated storage for Pressure Zone 1 from current 3.5 Million Gallon (MG) to 7.5 MG. In 2016, TCEQ approved combining Phase 3 & 4 into a single project to reduce cost and accelerate ACR Implementation plan. This third phase of ACR Implementation Plan will construct 2 new EST's: a 2.5 MG EST at Division Road and a 1.25 MG EST at Nueces Bay Blvd at undetermined site. This project will demolish existing four ESTs. City is working on land acquisition and determination for these two ESTs. Construction is scheduled to be complete by 2021.

CITY WIDE



PROJECT NOTES:

DISTRIBUTION

Project No:	E16290
A/E Consultant:	LNV, Inc.
Contractor:	TBD
Award Design:	Apr 2017
Award Construction:	TBD
Anticipated Completion:	FY 2021

FUNDING SCHEDULE (Amount in 000's)

Use of Funds	Project-to-Date Obligations July 2018	Unspent Prior Budget as of July 2018	**CIP Budget Year 1 2018 - 2019**	Year 2 2019 - 2020	Year 3 2020 - 2021	**Future Budget Required (Years 4 - 10)**	**Total Project Value (Amounts in $'s)**
Design & Engineering	690.5		**160.0**	100.0	100.0	100.0	**1,150,500**
Construction				2,300.0	5,500.0	5,500.0	**13,300,000**
Contingency			**20.0**	300.0	700.0	700.0	**1,720,000**
Inspection/Other	11.8		**20.0**	300.0	700.0	700.0	**1,731,800**
TOTAL:	702.3	-	**200.0**	3,000.0	7,000.0	7,000.0	**$ 17,902,300**
Source of Funds							
Revenue Bond	702.3		**200.0**	3,000.0	7,000.0	7,000.0	**17,902,300**
TOTAL:	702.3	-	**200.0**	3,000.0	7,000.0	7,000.0	**$ 17,902,300**

OPERATIONAL IMPACT:

This project will allow the city to meet its commitment to TCEQ as defined in the 9-year Alternative Capacity Requirement (ACR) implementation plan approved in 2012. Higher tanks will additionally provide higher pressure and better pressure stabilization in the distribution system as required. No additional costs will be incurred.

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PROJECT DESCRIPTION

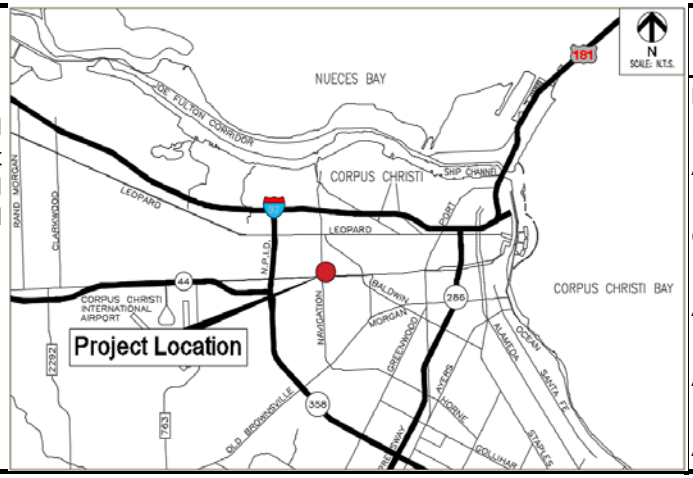
Department: **WATER** Sequence #20

PROJECT TITLE: Permanent Enclosure for Water Disinfection System at Navigation Pump Station

Consistency with the Comprehensive Plan: Policy Statements pp. 48: 1,3 & 6; pp. 55-57; Water Master Plan

DESCRIPTION:

This project will provide permanent, windstorm-certified enclosure for critical water disinfection system purchased for Navigation Pump Station as a part of recent City-wide water system quality assessment. The enclosure will provide protection from the elements to hypochlorite generation and injection system protecting City's investment.



PROJECT NOTES:

DISTRIBUTION

Project No:	TBD
A/E Consultant:	TBD
Contractor:	TBD
Award Design:	TBD
Award Construction:	TBD
Anticipated Completion:	TBD

FUNDING SCHEDULE (Amount in 000's)

Use of Funds	Project-to-Date Obligations July 2018	Unspent Prior Budget as of July 2018	**CIP Budget Year 1 2018 - 2019**	Year 2 2019 - 2020	Year 3 2020 - 2021	**Future Budget Required (Years 4 - 10)**	**Total Project Value (Amounts in $'s)**
Design & Engineering			**50.0**				**50,000**
Construction			**350.0**				**350,000**
Contingency			**50.0**				**50,000**
Inspection/Other			**50.0**				**50,000**
TOTAL:			**500.0**				**$ 500,000**
Source of Funds							
Revenue Bond			**500.0**				**500,000**
TOTAL:			**500.0**				**$ 500,000**

OPERATIONAL IMPACT:

Proper housing and protection of critical water disinfection system.

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PROJECT DESCRIPTION

Department: **WATER** Sequence #21

PROJECT TITLE: Water System Process Control Reliability Improvements

Consistency with the Comprehensive Plan: Policy Statements pp. 48: 1,3 & 6; pp. 55-57; Water Master Plan

DESCRIPTION:

Process automation systems, also known as Supervisory Control and Data Acquisition (SCADA) systems, allows a small team of operators to effectively run a large, complex Water system. It makes operation of the Plant, or distribution system, more uniform and predictable. This project will address all aspects of system-wide process automation as outlined in the System Study performed in 2012. Elements include communication with remote sites, standardization of local automatic control hardware and software, improved diagnostic data gathering and remote troubleshooting, periodic reporting and instantly presenting meaningful process information to decision-makers at the right time.

PROJECT NOTES:

TREATMENT

Project No:	E13031
A/E Consultant:	LNV, Inc.
Contractor:	TBD
Award Design:	Aug. 2016
Award Construction:	TBD
Anticipated Completion:	TBD

FUNDING SCHEDULE (Amount in 000's)

Use of Funds	Project-to-Date Obligations July 2018	Unspent Prior Budget as of July 2018	**CIP Budget Year 1 2018 - 2019**	Year 2 2019 - 2020	Year 3 2020 - 2021	**Future Budget Required (Years 4 - 10)**	**Total Project Value (Amounts in $'s)**
Design & Engineering	124.2		**100.0**				**224,200**
Construction			**700.0**				**700,000**
Contingency			**100.0**				**100,000**
Inspection/Other	27.5		**100.0**				**127,500**
TOTAL:	151.7	-	**1,000.0**				**$ 1,151,700**
Source of Funds							
Revenue Bond	151.7		**1,000.0**				**1,151,700**
TOTAL:	151.7	-	**1,000.0**				**$ 1,151,700**

OPERATIONAL IMPACT:

This project Improves reliability of communication between ONSWTP Control Room and remote sites. Increased degree of automation in process control will take advantage of industry practice of business intelligence available to support operations and management decision-making.

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PROJECT DESCRIPTION

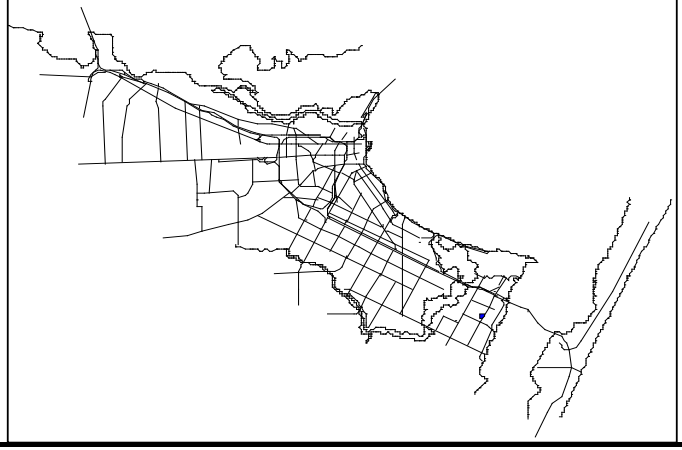
Department: **WATER** Sequence #22

PROJECT TITLE: Water Line Replacement (In-House)

Consistency with the Comprehensive Plan: Policy Statements pp. 48: 1,3 & 6; pp. 55-57; Water Master Plan

DESCRIPTION:
This project provides funds for reimbursement to City Utilities for in-house efforts related to capital improvement, replacement and rehabilitation of water distribution lines.

CITY WIDE



PROJECT NOTES:

DISTRIBUTION

Project No:	N/A
A/E Consultant:	N/A
Contractor:	In-House
Award Design:	N/A
Award Construction:	N/A
Anticipated Completion:	N/A

FUNDING SCHEDULE (Amount in 000's)

Use of Funds	Project-to-Date Obligations July 2018	Unspent Prior Budget as of July 2018	**CIP Budget Year 1 2018 - 2019**	Year 2 2019 - 2020	Year 3 2020 - 2021	**Future Budget Required (Years 4 - 10)**	**Total Project Value (Amounts in $'s)**
Design & Engineering Construction Contingency Inspection/Other			**1,000.0**	1,000.0	1,000.0		**3,000,000**
TOTAL:			**1,000.0**	1,000.0	1,000.0		**$ 3,000,000**
Source of Funds							
Revenue Bond			**1,000.0**	1,000.0	1,000.0		**3,000,000**
TOTAL:			**1,000.0**	1,000.0	1,000.0		**$ 3,000,000**

OPERATIONAL IMPACT:

The extension of water main service life is critical to ensuring integrity of the system. This project itself does not increase revenue or decrease expenses, but it prevents cost of maintenance from rising.

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PROJECT DESCRIPTION

Department: **WATER** Sequence #23

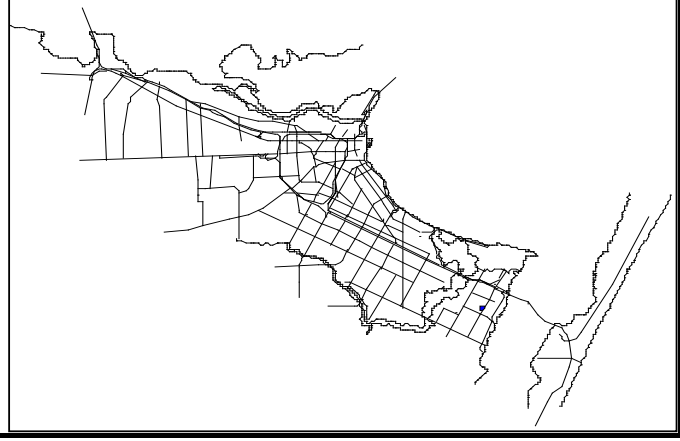
PROJECT TITLE: Water Transmission Infrastructure Cathodic Protection Improvements

Consistency with the Comprehensive Plan: Policy Statements pp. 48: 1,3 & 6; pp. 55-57; Water Master Plan

DESCRIPTION:

Cathodic protection (CP) is an effective method to protect unground steel infrastructures from corrosion. CP systems require periodical inspection and evaluation to ensure their effectiveness. This project provides for design and construction of Water Distribution Transmission Infrastructure cathodic protection to protect and extend useful service life of major investment of transmission lines on Leopard Street and South Side Water Transmission from ON Stevens to Padre Island.

CITY WIDE



PROJECT NOTES:

DISTRIBUTION

Project No: E15093

A/E Consultant: Russell Corrosion

Contractor: TBD

Award Design: May 2015

Award Construction: TBD

Anticipated Completion: TBD

FUNDING SCHEDULE (Amount in 000's)

Use of Funds	Project-to-Date Obligations July 2018	Unspent Prior Budget as of July 2018	**CIP Budget Year 1 2018 - 2019**	Year 2 2019 - 2020	Year 3 2020 - 2021	**Future Budget Required (Years 4 - 10)**	**Total Project Value (Amounts in $'s)**
Design & Engineering	95.4		**70.0**				**165,400**
Construction			**490.0**				**490,000**
Contingency			**70.0**				**70,000**
Inspection/Other	34.4		**70.0**				**104,400**
TOTAL:	129.8	-	**700.0**				**$ 829,800**
Source of Funds							
Revenue Bond	129.8		**700.0**				**829,800**
TOTAL:	129.8	-	**700.0**				**$ 829,800**

OPERATIONAL IMPACT:

Cathodic protection design of water transmission infrastructure will extend useful service life of infrastructure asset.

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PROJECT DESCRIPTION

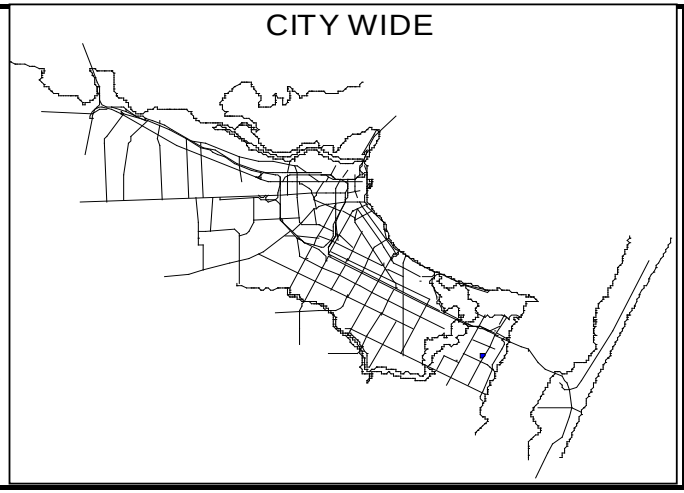
Department: **WATER** Sequence #24

PROJECT TITLE: Citywide Large-Size Water Line Assessment and Repairs

Consistency with the Comprehensive Plan: Policy Statements pp. 48: 1,3 & 6; pp. 55-57; Water Master Plan

DESCRIPTION:

A majority of the City's large diameter transmission lines have been in service many years and are made of non-plastic corrosive materials such as CIP, DIP, CSCP and steel. In some cases, these lines were installed with cathodic protection systems to help minimize corrosion and in some cases, they weren't. This project will ensure reliable delivery of drinking water for years to come by assessing the physical condition, both external and internal, of transmission mains and associated cathodic protection systems and determining the remaining useful life of each asset. In addition, the project will also repair the most critical lines that have significant maintenance/repair history or where failure may be reasonably expected in the near future.



PROJECT NOTES:

TREATMENT

Project No:	TBD
A/E Consultant:	TBD
Contractor:	TBD
Award Design:	TBD
Award Construction:	TBD
Anticipated Completion:	TBD

FUNDING SCHEDULE (Amount in 000's)

Use of Funds	Project-to-Date Obligations July 2018	Unspent Prior Budget as of July 2018	**CIP Budget Year 1 2018 - 2019**	Year 2 2019 - 2020	Year 3 2020 - 2021	**Future Budget Required (Years 4 - 10)**	**Total Project Value (Amounts in $'s)**
Design & Engineering			**300.0**		50.0	50.0	**400,000**
Construction					750.0	1,950.0	**2,700,000**
Contingency			**50.0**		100.0	250.0	**400,000**
Inspection/Other			**150.0**		100.0	250.0	**500,000**
TOTAL:			**500.0**	-	1,000.0	2,500.0	**$ 4,000,000**
Source of Funds							
Revenue Bond			**500.0**		1,000.0	2,500.0	**4,000,000**
TOTAL:			**500.0**	-	1,000.0	2,500.0	**$ 4,000,000**

OPERATIONAL IMPACT:

This project will improve the service life and water quality of City's large water lines.

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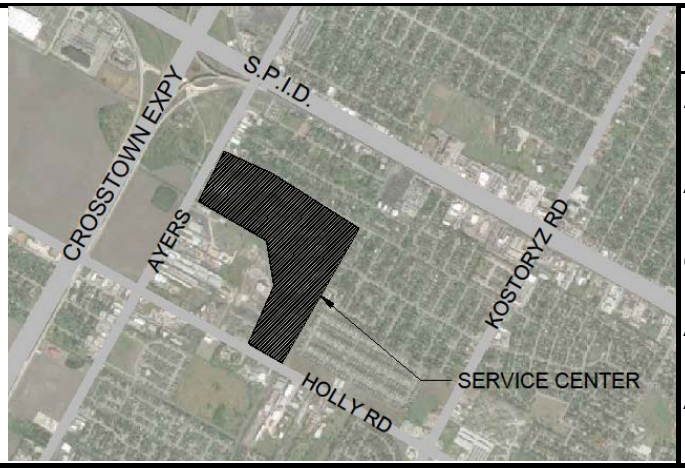
PROJECT DESCRIPTION

Department: **WATER** Sequence #25

PROJECT TITLE: Utility Building Expansion

Consistency with the Comprehensive Plan: Policy Statements pp. 48: 1,3 & 6; pp. 55-57; Water Master Plan

DESCRIPTION:
The existing Utility Building at Holly Road cannot meet the the City's progressive office and work area needs. Expansion and improvements of the existing Utility Building will provide more office and working areas for Utilities Department. This project includes architectural renovation and structural improvements to meet requirements of the latest building codes. A Design/Build Contractor will be solicited for delivery of this project.



PROJECT NOTES:

ADMINISTRATION

Project No:	E15157
A/E Consultant:	TBD
Contractor:	TBD
Award Design/Build:	TBD
Anticipated Completion:	TBD

FUNDING SCHEDULE (Amount in 000's)

Use of Funds	Project-to-Date Obligations July 2018	Unspent Prior Budget as of July 2018	**CIP Budget Year 1 2018 - 2019**	Year 2 2019 - 2020	Year 3 2020 - 2021	**Future Budget Required (Years 4 - 10)**	**Total Project Value (Amounts in $'s)**
Design & Engineering	49.9		**250.0**	230.0			**529,900**
Construction			**1,750.0**	1,610.0			**3,360,000**
Contingency			**250.0**	230.0			**480,000**
Inspection/Other	13.0		**250.0**	230.0			**493,000**
TOTAL:	62.9		**2,500.0**	2,300.0			**$ 4,862,900**
Source of Funds							
Revenue Bond	62.9		**2,500.0**	2,300.0			**4,862,900**
TOTAL:	62.9	-	**2,500.0**	2,300.0			**$ 4,862,900**

OPERATIONAL IMPACT:

The proposed expansion will improve the operational capacity of the Utilities Department.

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Department: **WATER**

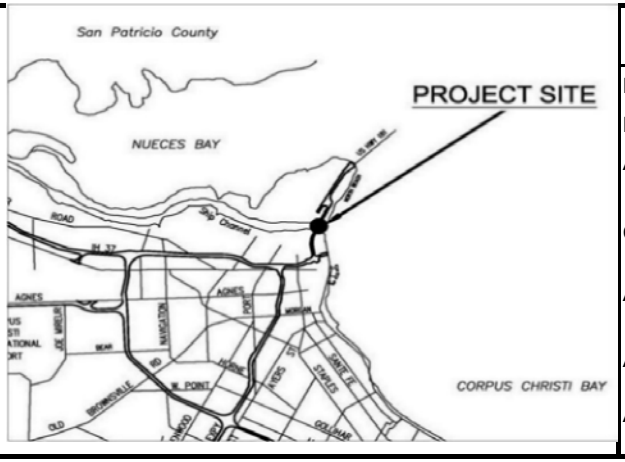
Sequence #25

PROJECT TITLE: TxDOT Water Line Relocation HARBOR BRIDGE

Consistency with the Comprehensive Plan: Policy Statements pp. 48: 1,3 & 6; pp. 55-57; Water Master Plan

DESCRIPTION:

This project is required to relocate the water line within Harbor Bridge easement to meet the construction needs of the Texas Department of Transportation's (TxDOT) new Harbor Bridge project. The City will be responsible for contributing towards the cost of the project and TxDOT will be responsible for construction.



PROJECT NOTES:

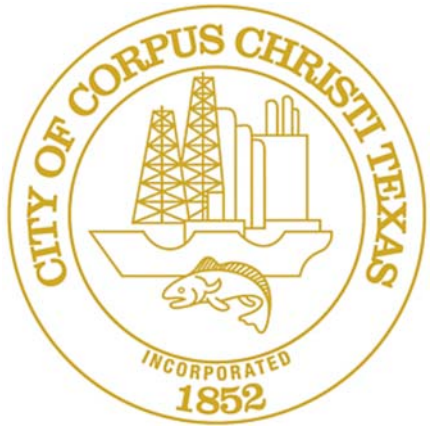
DISTRIBUTION	
Project No:	E15158
A/E Consultant:	N/A
Contractor:	N/A
Award Design:	N/A
Award Construction:	N/A
Anticipated Completion:	N/A

FUNDING SCHEDULE (Amount in 000's)

Use of Funds	Project-to-Date Obligations July 2018	Unspent Prior Budget as of July 2018	**CIP Budget Year 1 2018 - 2019**	Year 2 2019 - 2020	Year 3 2020 - 2021	**Future Budget Required (Years 4 - 10)**	**Total Project Value (Amounts in $'s)**
Design & Engineering			**200.0**				200,000
Construction	496.8		**2,600.0**	4,700.0	2,400.0		10,196,800
Contingency							-
Inspection/Other			**200.0**	300.0	100.0		600,000
TOTAL:	496.8	-	**3,000.0**	5,000.0	2,500.0	-	**$ 10,996,800**
Source of Funds							
Revenue Bond	496.8	-	**3,000.0**	5,000.0	2,500.0		10,996,800
TOTAL:	496.8	-	**3,000.0**	5,000.0	2,500.0	-	**$ 10,996,800**

OPERATIONAL IMPACT:

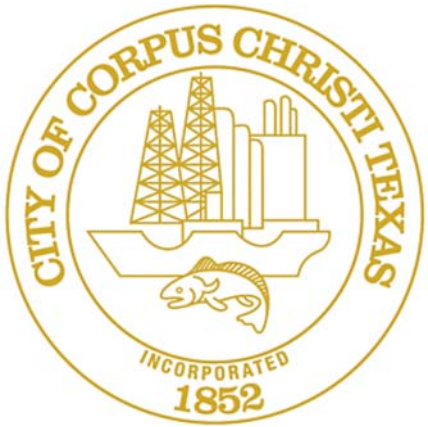
The operational impact of this project is negligible, but it is required to facilitate construction of the new Harbor Bridge.


CITY OF CORPUS CHRISTI TEXAS
INCORPORATED
1852

City of Corpus Christi, Texas

WASTEWATER

Obligation to the Future


CITY OF CORPUS CHRISTI TEXAS
INCORPORATED
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CITY OF CORPUS CHRISTI
WASTEWATER PROGRAM

This year's Wastewater Capital Improvement Program represents a significant investment in the City's aging wastewater system. Planned improvements will allocate resources between the upgrading of treatment facilities, improved capacity of wastewater mains, the reduction of wastewater odors, and securing alternate power at critical facilities. Significant initiatives included in the Capital Improvement Program are focused on insuring compliance with state and federal regulatory requirements. The City of Corpus Christi's Wastewater Department is currently responsible for six wastewater treatment plants, ninety-nine lift stations, approximately 1,243 miles of wastewater mains, and approximately 54 miles of force mains.

Over the next several years, the integrity of the City's Wastewater facilities will be secured through projects planned to provide additional capacity, emergency power, regulatory compliance and replacement of aging infrastructure. In a proactive approach, an evaluation of the wastewater lines in the existing collection systems has resulted in a replacement schedule of lines in the poorest condition and those creating the most severe maintenance issues. This program will replace lines on a yearly basis to the extent that funding allows increasing the effectiveness and efficiency of the wastewater collection system with the ultimate goal of minimizing system life-cycle operations and maintenance costs.

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The Proposed CIP projects will address the critical needs and upgrade/improvements at six City treatment plants and collection system. A recap of the budgeted includes:

EXPENDITURES:	**YEAR ONE 2018 – 2019**	**YEAR TWO 2019 – 2020**	**YEAR THREE 2020 – 2021**
TOTAL PROGRAMMED EXPENDITURES:	**$ 42,175,100**	$ 74,396,300	$ 54,530,400
FUNDING:			
New Debt (Revenue Bonds):	**$ 42,175,100**	$ 74,396,300	$ 54,530,400
TOTAL PROGRAMMED FUNDS:	**$ 42,175,100**	$ 77,396,300	$ 54,530,400

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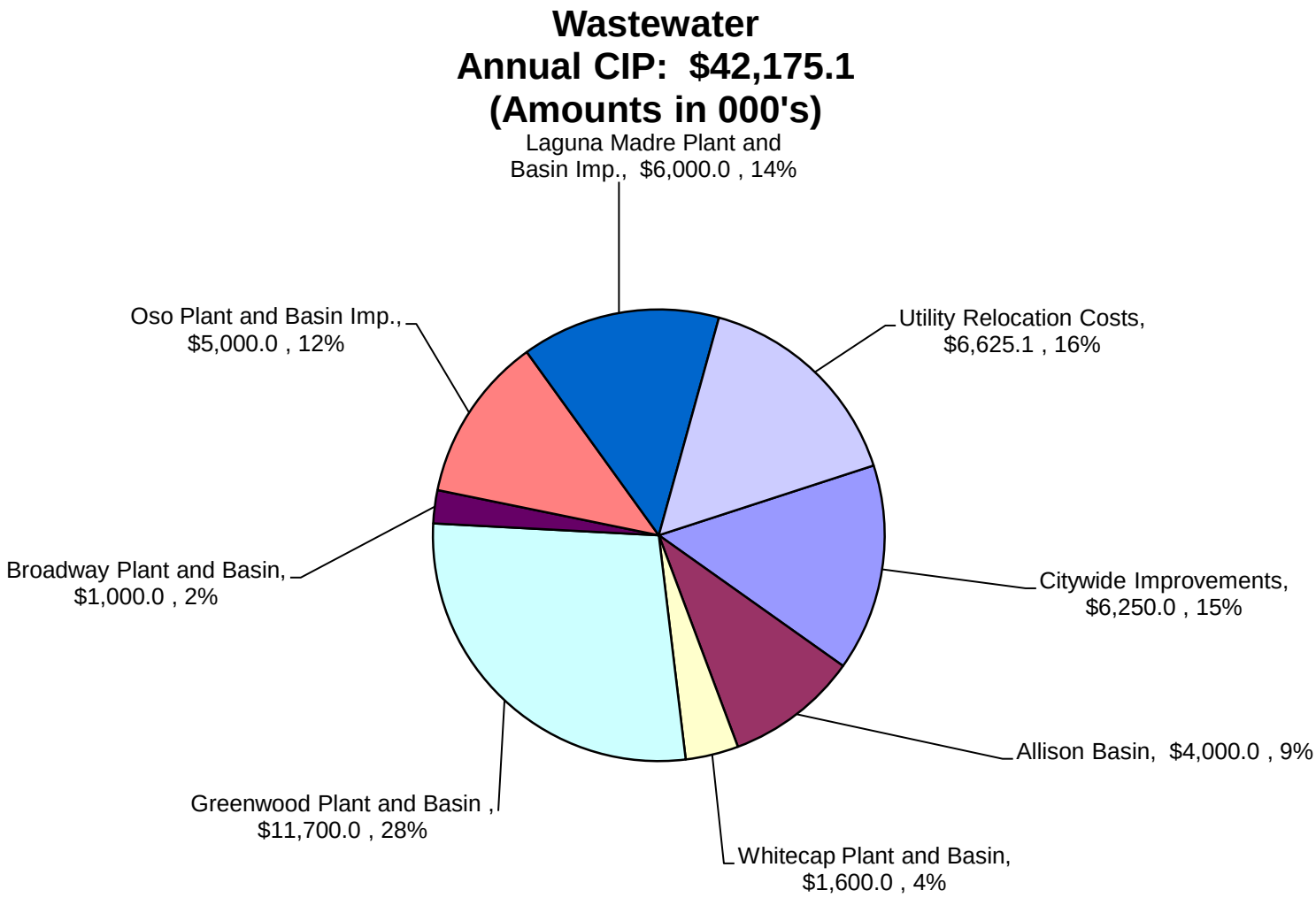

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WASTEWATER
SHORT-RANGE CIP
(Amounts in 000's)

Seq #	Project Name	Project-to-Date Obligations July 2018	Unspent Prior Budget as of July 2018	Uncertified Obligation Remaining	**CIP Budget Year 1 2018 - 2019**	Year 2 2019 - 2020	Year 3 2020 - 2021	**Three Year Total**
WW 01	**Citywide Collection System Indefinite Delivery/Indefinite Quantity Program** Finance and Engineering Number: TBD				**3,200.0**			**3,200.0**
WW 02	**Citywide Lift Station Repair** Finance and Engineering Number: E16304 / E16426 / E17086	1,652.5	450.0	748.0	**2,000.0**	3,000.0	3,000.0	**8,000.0**
WW 03	**Citywide Wastewater Lift Station Alternate Power Supply** Finance Number: 150785 Engineering Number: 7427	9.3			**300.0**	300.0	300.0	**900.0**
WW 04	**Wastewater Treatment Plants & Lift Station SCADA Improvements** Finance and Engineering Number: 18082A				**750.0**	1,500.0	3,000.0	**5,250.0**
WW 05	**Allison WWTP Lift Station Upgrade and Process Improvements** Finance and Engineering Number: E10043	912.5			**4,000.0**	7,000.0	1,000.0	**12,000.0**
WW 06	**Greenwood WWTP Flood Mitigation** Finance and Engineering Number: 18070A				**1,500.0**	4,400.0	3,500.0	**9,400.0**
WW 07	**Greenwood WWTP Electrical Improvements to UV System** Finance and Engineering Number: E10180	617.5	362.5		**2,200.0**	2,500.0		**4,700.0**
WW 08	**Greenwood Headworks & Grit Removal Rehabilitation** Finance and Engineering Number: E10180		45.2		**1,500.0**	3,000.0		**4,500.0**
WW 09	**Greenwood WWTP Process Upgrades** Finance and Engineering Number: 18069A	49.3			**1,000.0**	3,500.0	10,000.0	**14,500.0**

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WASTEWATER
SHORT-RANGE CIP
(Amounts in 000's)

Seq #	Project Name	Project-to-Date Obligations July 2018	Unspent Prior Budget as of July 2018	Uncertified Obligation Remaining	**CIP Budget Year 1 2018 - 2019**	Year 2 2019 - 2020	Year 3 2020 - 2021	**Three Year Total**
WW 10	**Greenwood Flow Diversion to New Broadway WWTP** Finance and Engineering Number: 18083A				**1,000.0**	4,500.0	3,000.0	**8,500.0**
WW 11	**McBride Force Main and Lift Station** Finance and Engineering Number: E14054	466.3			**4,500.0**	300.0		**4,800.0**
WW 12	**Broadway WWTP Rehabilitation** Finance and Engineering Number: TBD				**1,000.0**			**1,000.0**
WW 13	**Old Broadway WWTP Decommissioning** Finance and Engineering Number: E12159	1,869.0	290.4			5,000.0		**5,000.0**
WW 14	**Oso WRP Headworks and Lift Station** Finance and Engineering Number: E12206	16,105.5		17,065.5	**-**	8,000.0		**8,000.0**
WW 15	**Oso WRP Process Upgrade and BPC Facility Decommission** Finance and Engineering Number: TBD					5,000.0	13,000.0	**18,000.0**
WW 16	**Williams Lift Station Force Main (Line A)** Finance and Engineering Number: TBD					650.0	3,600.0	**4,250.0**
WW 17	**TxDOT Wastewater Line Relocation - HARBOR BRIDGE** Finance and Engineering Number: E15158	595.9			**5,000.0**	6,000.0	2,500.0	**13,500.0**
WW 18	**Laguna Madre Plant Rehabilitation** Finance and Engineering Number: TBD				**1,000.0**	2,100.0	2,500.0	**5,600.0**

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WASTEWATER
SHORT-RANGE CIP
(Amounts in 000's)

Seq #	Project Name	Project-to-Date Obligations July 2018	Unspent Prior Budget as of July 2018	Uncertified Obligation Remaining	**CIP Budget Year 1 2018 - 2019**	Year 2 2019 - 2020	Year 3 2020 - 2021	**Three Year Total**
WW 19	**Laguna Shores Road Force Main Replacement** Finance and Engineering Number: E10054	755.8			**5,000.0**	500.0		**5,500.0**
WW 20	**Whitecap Odor Control, Process & Bulkhead Improvements** Finance and Engineering Number: E10053	49.4			**600.0**	4,000.0	1,000.0	**5,600.0**
WW 21	**Whitecap Wastewater Treatment Plant (WWTP) Improvements** Finance and Engineering Number: TBD				**1,000.0**	2,800.0	2,200.0	**6,000.0**
	Wastewater Program Sub-Total:	23,083.0	1,148.1	17,813.5	**35,550.0**	64,050.0	48,600.0	**148,200.0**
	***Utility Relocation Costs for Bond 2008**	**3.6**						
	***Utility Relocation Costs for Bond 2012**	**1,120.5**	**18.3**		**1,330.3**		**430.0**	**1,760.3**
	***Utility Relocation Costs for Bond 2014**	**2,706.5**	**300.0**		**1,173.0**	**30.0**		**1,203.0**
	***Utility Relocation Costs for Bond 2016**				**186.0**			**186.0**
	***Utility Relocation Costs for Type Sales Tax Projects**				**2,868.8**	**1,237.6**		**4,106.4**
	***Utility Relocation Costs for Bond 2018 Prop A & B**				**1,067.0**	**9,078.7**	**5,500.4**	**15,646.1**
	TOTAL PROGRAMMED EXPENDITURES:	**26,913.6**	**1,466.4**	**17,813.5**	**42,175.1**	**74,396.3**	**54,530.4**	**171,101.8**

** relocation costs and funding reflected within each specific Streets Program*

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WASTEWATER
SHORT-RANGE CIP
(Amounts in 000's)

Seq #	Project Name	Project-to-Date Obligations July 2018	Unspent Prior Budget as of July 2018	Uncertified Obligation Remaining	**CIP Budget Year 1 2018 - 2019**	Year 2 2019 - 2020	Year 3 2020 - 2021	**Three Year Total**
PROGRAM FUNDING SCHEDULE:								
	CURRENTLY AVAILABLE FUNDING:							
	Revenue Bond	**26,913.6**	**1,466.4**					**-**
	Total Currently Available:	**26,913.6**	**1,466.4**					**-**
	RECOMMENDED ADDITIONAL FUNDING:							
	Revenue Bond			**17,813.5**	**42,175.1**	**74,396.3**	**54,530.4**	**171,101.8**
	TOTAL PROGRAMMED FUNDS:	**26,913.6**	**1,466.4**	**17,813.5**	**42,175.1**	**74,396.3**	**54,530.4**	**171,101.8**

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PROJECT DESCRIPTION

Department: **WASTEWATER** Sequence #01

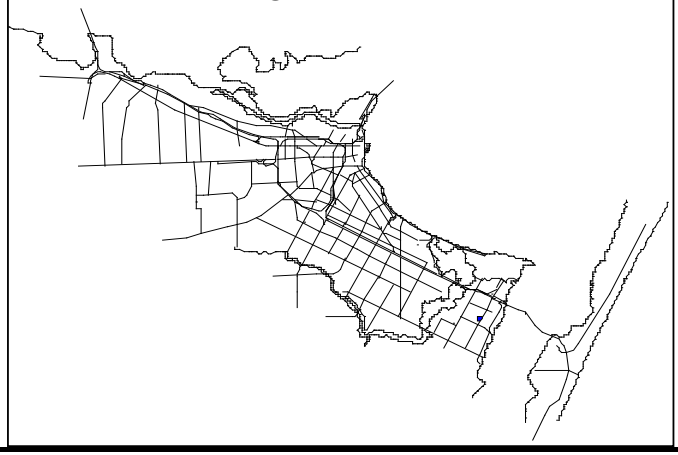
PROJECT TITLE: Citywide Collection System Indefinite Delivery/Indefinite Quantity Program

Consistency with the Comprehensive Plan: Policy Statements pg. 48: 1,3 & 6; pp. 55-58; Wastewater Master Plan

DESCRIPTION:

The city-wide Indefinite Delivery / Indefinite Quantity program is a long-term initiative designed to reduce the number and volume of sanitary sewer overflows within the City. It is a key component of the life cycle program component to address collection system conveyance and manhole infrastructure requirements within the City. The program will identify, prioritize and implement specific capital improvement projects in a phased design and construction approach to extend the service life, improve flows, improve water quality, reduce overflows and cave-ins and reduce long-term maintenance costs.

CITY WIDE



PROJECT NOTES:

Project No:	TBD
A/E Consultant:	In-House
Contractor:	Various
Award Design:	N/A
Award Construction:	On-Going
Anticipated Completion:	On-Going

FUNDING SCHEDULE (Amount in 000's)

Use of Funds	Project-to-Date Obligations July 2018	Unspent Prior Budget as of July 2018	**CIP Budget Year 1 2018 - 2019**	Year 2 2019 - 2020	Year 3 2020 - 2021	**Future Budget Required (Years 4 - 10)**	**Total Project Value (Amounts in $'s)**
Design & Engineering							
Construction			**2,900.0**				**2,900,000**
Contingency			**300.0**				**300,000**
Inspection/Other							
TOTAL:			**3,200.0**				**$ 3,200,000**
Source of Funds							
Revenue Bond			**3,200.0**				**3,200,000**
TOTAL:			**3,200.0**				**$ 3,200,000**

OPERATIONAL IMPACT:

Normal flow to the City's wastewater treatment plants is about 30 million gallons of daily (MGD). When it rains, damaged pipe allow the infiltration of rainwater to flow into the treatment plants and be treated along normal wastewater flows. At a treatment cost of $2.21 per thousand gallons, a normal rain event could cost the City an additional $150,000.00 in treatment costs for electrical, chemical and personnel requirements. In addition, damaged lines are prone to overflows of the system and subject to cave-ins. Reducing overflows saves chemical and electrical costs, results in fewer service calls, reduces peak flow and protects the environment.

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PROJECT DESCRIPTION

Department: **WASTEWATER** Sequence #02

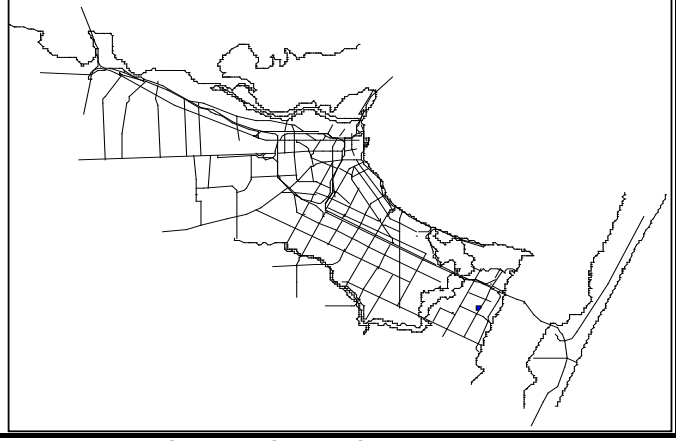
PROJECT TITLE: Citywide Lift Station Repair

Consistency with the Comprehensive Plan: Policy Statements pg. 48: 1,3 & 6; pp. 55-58; Wastewater Master

DESCRIPTION:

This project provides for implementation of a strategic lifecycle program for future lift station projects with funding requirements and cost benefit analysis for the City's 103 Lift Stations. The project identifies, prioritizes and implements specific capital improvement in a phased design and construction approach to extend lift station service life, reduce long-term maintenance costs, improve flows, and meet Texas Commission on Environmental Quality guidelines including reducing overflows and redundant systems.

CITY WIDE



PROJECT NOTES:

Project No: E16304 / E16426 / E17086

A/E Consultant: Urban Engineering

Contractor: Various

Award Design: April 2018

Award Construction: On-Going

Anticipated Completion: On-Going

FUNDING SCHEDULE (Amount in 000's)

Use of Funds	Project-to-Date Obligations July 2018	Unspent Prior Budget as of July 2018	Uncertified Obligation Remaining	**CIP Budget Year 1 2018 - 2019**	Year 2 2019 - 2020	Year 3 2020 - 2021	**Future Budget Required (Years 4 - 10)**	**Total Project Value (Amounts in $'s)**
Design & Engineering	145.5	35.0			270.0	270.0	1,400.0	**2,120,500**
Construction	1,495.3	337.5	748.0	**1,700.0**	2,300.0	2,300.0	7,000.0	**15,880,800**
Contingency		33.0		**170.0**	230.0	230.0	700.0	**1,363,000**
Inspection/Other	11.7	44.5		**130.0**	200.0	200.0	1,400.0	**1,986,200**
TOTAL:	1,652.5	450.0	748.0	**2,000.0**	3,000.0	3,000.0	10,500.0	**$ 21,350,500**
Source of Funds								
Revenue Bond	1,652.5	450.0	748.0	**2,000.0**	3,000.0	3,000.0	10,500.0	**21,350,500**
TOTAL:	1,652.5	450.0	748.0	**2,000.0**	3,000.0	3,000.0	10,500.0	**$ 21,350,500**

OPERATIONAL IMPACT:

This project will address various lift stations that have piping and pumps in poor condition throughout the City. Failing equipment will be replaced with more reliable and energy efficient equipment. This project reduces the probability of failure, emergencies, and will also cut down on operational costs by the use of more energy efficient equipment.

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PROJECT DESCRIPTION

Department: **WASTEWATER** Sequence #03

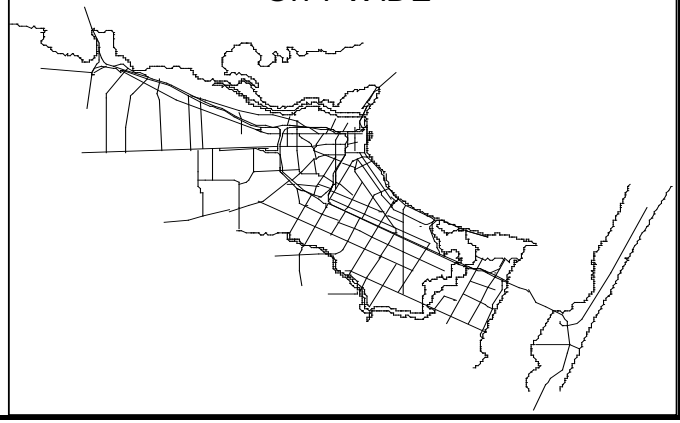
PROJECT TITLE: Citywide Wastewater Lift Station Alternate Power Supply

Consistency with the Comprehensive Plan: Policy Statements pg. 48: 1,3 & 6; pp. 55-58; Wastewater Master Plan

DESCRIPTION:

Electrical power supply is critical for operation of the City's Wastewater Lift Stations. The Texas Commission on Environmental Quality guidelines require redundant power sources to avoid overflows during power outages. Currently the City's lift stations rely on single feed power supplied by local utilities. This project provides design and construction for emergency back-up generators at critical lift stations. Lift Stations will be improved in priority of system conveyance criteria from the analysis of the city-wide hydraulic model. Additional design and construction packages are anticipated through Fiscal Year 2022.

CITY WIDE



PROJECT NOTES:

Engineering Project No:	7427
Finance Project No:	150785
A/E Consultant:	TBD
Contractor:	TBD
Award Design:	TBD
Award Construction:	TBD
Anticipated Completion:	TBD

FUNDING SCHEDULE (Amount in 000's)

Use of Funds	Project-to-Date Obligations July 2018	Unspent Prior Budget as of July 2018	**CIP Budget Year 1 2018 - 2019**	Year 2 2019 - 2020	Year 3 2020 - 2021	**Future Budget Required (Years 4 - 10)**	**Total Project Value (Amounts in $'s)**
Design & Engineering Construction Contingency Inspection/Other	9.3		**300.0**	300.0	300.0	2,100.0	**3,009,300**
TOTAL:	9.3	-	**300.0**	300.0	300.0	2,100.0	**$ 3,009,300**
Source of Funds							
Revenue Bond	9.3		**300.0**	300.0	300.0	2,100.0	**3,009,300**
TOTAL:	9.3	-	**300.0**	300.0	300.0	2,100.0	**$ 3,009,300**

OPERATIONAL IMPACT:

This project provides redundancy for the wastewater system. This system will kick in during any power loss to prevent overflows and enforcement actions when regular power supply has been interrupted.

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PROJECT DESCRIPTION

Department: **WASTEWATER** Sequence #04

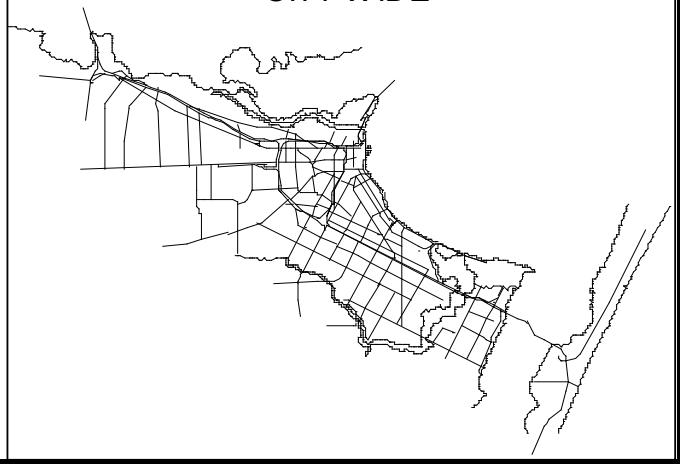
PROJECT TITLE: Wastewater Treatment Plants & Lift Station SCADA Improvements

Consistency with the Comprehensive Plan: Policy Statements pg. 48: 1,3 & 6; pp. 55-58; Wastewater Master Plan

DESCRIPTION:

The implementation of the SCADA system has been proven to be successful in monitoring municipal sewage and sludge collection/distribution systems, wet-weather facilities, and wastewater treatment plants. It enables the department to comply with regulatory requirements on discharge and effectively reduce operations and maintenance costs. This project proposes development of a SCADA Master Plan and implementation of a SCADA system to automate processes that occur at WWTPs and lift stations throughout the City. This will assist the City in efficient monitoring of the system, early detection of process failures, data recording, assisting with regulatory compliance and improved CIP development.

CITY WIDE



PROJECT NOTES:

Project No:	18082A
A/E Consultant:	Signature Automation
Contractor:	TBD
Award Design:	TBD
Award Construction:	TBD
Anticipated Completion:	TBD

FUNDING SCHEDULE (Amount in 000's)

Use of Funds	Project-to-Date Obligations July 2018	Unspent Prior Budget as of July 2018	**CIP Budget Year 1 2018 - 2019**	Year 2 2019 - 2020	Year 3 2020 - 2021	**Future Budget Required (Years 4 - 10)**	**Total Project Value (Amounts in $'s)**
Design & Engineering			**600.0**				**600,000**
Construction				1,250.0	2,500.0	1,000.0	**4,750,000**
Contingency				125.0	250.0	100.0	**475,000**
Inspection/Other			**150.0**	125.0	250.0	100.0	**625,000**
TOTAL:			**750.0**	1,500.0	3,000.0	1,200.0	**$ 6,450,000**
Source of Funds							
Revenue Bond			**750.0**	1,500.0	3,000.0	1,200.0	**6,450,000**
TOTAL:			**750.0**	1,500.0	3,000.0	1,200.0	**$ 6,450,000**

OPERATIONAL IMPACT:

The implementation of this project will improve performance of operation and maintenance while enhancing regulatory compliance. This should reduce overall costs of the wastewater program.

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PROJECT DESCRIPTION

Department: **WASTEWATER** Sequence #05

PROJECT TITLE: Allison WWTP Lift Station Upgrade and Process Improvements

Consistency with the Comprehensive Plan: Policy Statements pg. 48: 1,3 & 6; pp. 55-58; Wastewater Master Plan

DESCRIPTION:

This project combines the Allison WWTP Lift Station Upgrade project and the Allison Process Improvements project into one single project. This project provides critical upgrades and replacement of deteriorated equipment to avoid impending failures. Improvements include dry pit / wet pit lift station, east and west aeration basins, two final clarifiers, automatic backwash filter, chlorine contact chamber, disinfection system, effluent reuse transfer pump station, aerobic digester, belt press building, blower building and other miscellaneous items.

PROJECT NOTES:

Project No:	E10043
A/E Consultant:	Urban Engineering
Contractor:	TBD
Award Design:	Jan. 2015
Award Construction:	TBD
Anticipated Completion:	TBD

FUNDING SCHEDULE (Amount in 000's)

Use of Funds	Project-to-Date Obligations July 2018	Unspent Prior Budget as of July 2018	**CIP Budget Year 1 2018 - 2019**	Year 2 2019 - 2020	Year 3 2020 - 2021	**Future Budget Required (Years 4 - 10)**	**Total Project Value (Amounts in $'s)**
Design & Engineering	912.5		**500.0**				**1,412,500**
Construction			**3,000.0**	6,000.0	800.0		**9,800,000**
Contingency			**300.0**	600.0	80.0		**980,000**
Inspection/Other			**200.0**	400.0	120.0		**720,000**
TOTAL:	912.5	-	**4,000.0**	7,000.0	1,000.0	-	**$ 12,912,500**
Source of Funds							
Revenue Bond	912.5		**4,000.0**	7,000.0	1,000.0		**12,912,500**
TOTAL:	912.5	-	**4,000.0**	7,000.0	1,000.0	-	**$ 12,912,500**

OPERATIONAL IMPACT:

The implementation of this project will ensure normal operations of Allison WWTP and potentially reduce operational costs.

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PROJECT DESCRIPTION

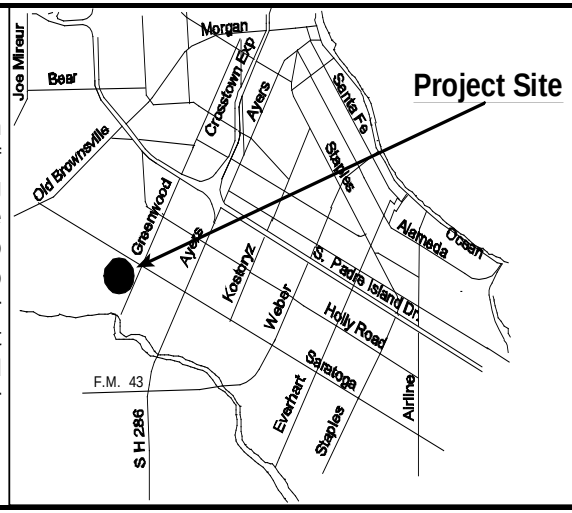
Department: **WASTEWATER** Sequence #06

PROJECT TITLE: Greenwood WWTP Flood Mitigation

Consistency with the Comprehensive Plan: Policy Statements pg. 48: 1,3 & 6; pp. 55-58; Wastewater Master Plan

DESCRIPTION:

The Greenwood Wastewater Treatment Plant was originally constructed in 1957 and is located adjacent to La Volla Creek at the intersection of Greenwood Drive and Saratoga Boulevard. Problems concerning wastewater overflows and flooding in neighboring areas have led to the need for flood mitigation improvements. The objective of this project is to construct cost-efficient flood proofing improvements to eliminate Oso Creek / La Volla Creek flooding impacts on Greenwood Wastewater Treatment Plant with consideration of Federal Emergency Management Agency (FEMA) Flood Insurance Rate Maps (FIRMs). The anticipated project scope for the consultant engineer includes preliminary design for determining appropriate flood proofing improvements, detailed design, development of construction documents, and construction phase services.



PROJECT NOTES:

Project No:	18070A
A/E Consultant:	APAI
Contractor:	TBD
Award Design:	Pending
Award Construction:	TBD
Anticipated Completion:	TBD

FUNDING SCHEDULE (Amount in 000's)

Use of Funds	Project-to-Date Obligations July 2018	Unspent Prior Budget as of July 2018	**CIP Budget Year 1 2018 - 2019**	Year 2 2019 - 2020	Year 3 2020 - 2021	**Future Budget Required (Years 4 - 10)**	**Total Project Value (Amounts in $'s)**
Design & Engineering			**300.0**				**300,000**
Construction			**1,000.0**	4,000.0	3,000.0		**8,000,000**
Contingency			**100.0**	400.0	300.0		**800,000**
Inspection/Other			**100.0**		200.0		**300,000**
TOTAL:			**1,500.0**	4,400.0	3,500.0		**$ 9,400,000**
Source of Funds							
Revenue Bond			**1,500.0**	4,400.0	3,500.0		**9,400,000**
TOTAL:			**1,500.0**	4,400.0	3,500.0		**$ 9,400,000**

OPERATIONAL IMPACT:

Larger pumps for increased capacity will be installed and will run more efficiently than existing equipment. Also, increased usage due to development in the area should offset costs and alleviate pressure on other systems. Work will reduce potential overflows in the area and minimize enforcement actions by Texas Commission on Environmental Quality.

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PROJECT DESCRIPTION

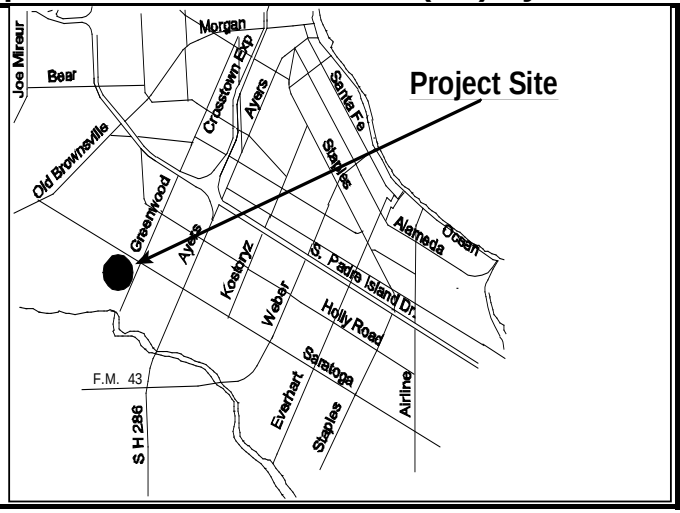
Department: **WASTEWATER** Sequence #07

PROJECT TITLE: Greenwood WWTP Electrical Improvements to Ultraviolet (UV) System

Consistency with the Comprehensive Plan: Policy Statements pg. 48: 1,3 & 6; pp. 55-58; Wastewater Master Plan

DESCRIPTION:

This project provides electrical infrastructure improvements to ensure power to the UV disinfection system. Improvements will include two new transformers, control pane and associated conduit and wiring. Transformers and controls will be set at an elevation above the FEMA 100-year storm event flood elevation. Work includes design and construction of proposed electrical infrastructure to ensure power remains available for continued disinfection capability as required by Texas Commission on Environmental Quality (TCEQ) so Enterococcus Bacterial permit levels can be maintained during severe weather events.



PROJECT NOTES:

Project No:	E10180
A/E Consultant:	LAN, Inc.
Contractor:	TBD
Award Design:	Nov 2015
Award Construction:	FY 2019
Anticipated Completion:	FY 2020

FUNDING SCHEDULE (Amount in 000's)

Use of Funds	Project-to-Date Obligations July 2018	Unspent Prior Budget as of July 2018	**CIP Budget Year 1 2018 - 2019**	Year 2 2019 - 2020	Year 3 2020 - 2021	**Future Budget Required (Years 4 - 10)**	**Total Project Value (Amounts in $'s)**
Design & Engineering	580.6						**580,600**
Construction			**1,900.0**	2,100.0			**4,000,000**
Contingency			**190.0**	200.0			**390,000**
Inspection/Other	36.9	362.5	**110.0**	200.0			**709,400**
TOTAL:	617.5	362.5	**2,200.0**	2,500.0			**$ 5,680,000**
Source of Funds							
Revenue Bond	617.5	362.5	**2,200.0**	2,500.0			**5,680,000**
TOTAL:	617.5	362.5	**2,200.0**	2,500.0			**$ 5,680,000**

OPERATIONAL IMPACT:

Operational impact on the electrical usage will increase with additional higher intensity bulbs but the effect should be nominal. Failure to complete project could result in TCEQ administrative sanctions.

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PROJECT DESCRIPTION

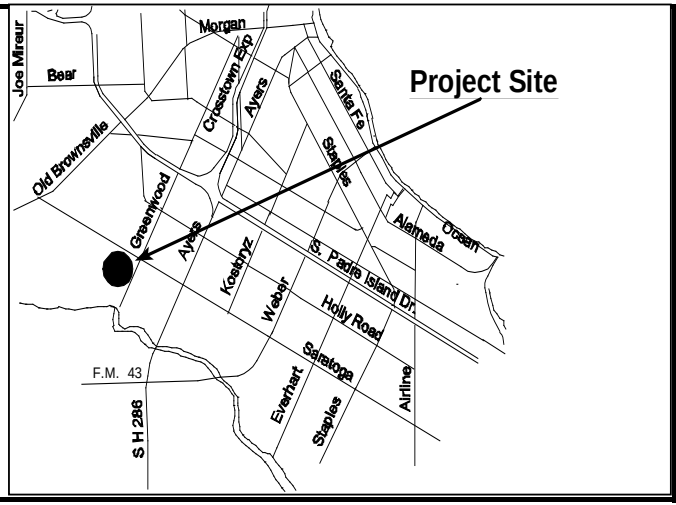
Department: **WASTEWATER** Sequence #08

PROJECT TITLE: Greenwood Headworks & Grit Removal Rehabilitation

Consistency with the Comprehensive Plan: Policy Statements pg. 48: 1,3 & 6; pp. 55-58; Wastewater Master Plan

DESCRIPTION:

The Headworks which includes grit removal facilities at the Greenwood WWTP, was constructed in 1990. Due to age of equipment, structure, harsh environment of sewer gases and constant coastal winds, the headworks is in critical need of improvements. It is recommended concrete walls and beams be restored and provided with a new protective coating, existing slide gates be restored to operation, existing mechanical bar screens be replaced and miscellaneous valves, equipment and piping be replaced as necessary to extend the life of this structure.



PROJECT NOTES:

Project No:	18067A
A/E Consultant:	Urban
Contractor:	TBD
Award Design:	TBD
Award Construction:	TBD
Anticipated Completion:	TBD

FUNDING SCHEDULE (Amount in 000's)

Use of Funds	Project-to-Date Obligations July 2018	Unspent Prior Budget as of July 2018	**CIP Budget Year 1 2018 - 2019**	Year 2 2019 - 2020	Year 3 2020 - 2021	**Future Budget Required (Years 4 - 10)**	**Total Project Value (Amounts in $'s)**
Design & Engineering		45.2	**300.0**				**345,200**
Construction			**1,000.0**	2,500.0			**3,500,000**
Contingency			**100.0**	250.0			**350,000**
Inspection/Other			**100.0**	250.0			**350,000**
TOTAL:		45.2	**1,500.0**	3,000.0			**$ 4,545,200**
Source of Funds							
Revenue Bond		45.2	**1,500.0**	3,000.0			**4,545,200**
TOTAL:		45.2	**1,500.0**	3,000.0			**$ 4,545,200**

OPERATIONAL IMPACT:

Execution of this project will extend the life of the treatment plant and improve operation efficiency.

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PROJECT DESCRIPTION

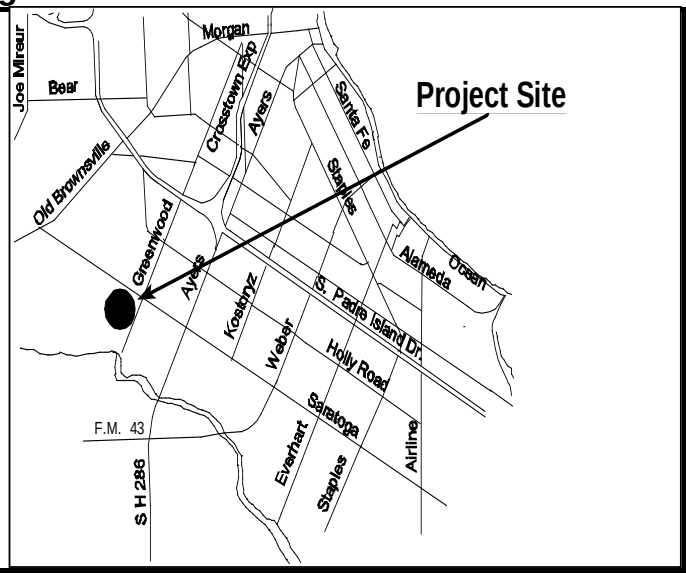
Department: **WASTEWATER** Sequence #09

PROJECT TITLE: Greenwood WWTP Process Upgrade

Consistency with the Comprehensive Plan: Policy Statements pg. 48: 1,3 & 6; pp. 55-58; Wastewater Master Plan

DESCRIPTION:

This project is to provide process upgrades, replacement and rehabilitation of the existing Greenwood Wastewater Treatment Plant treatment units except headworks and UV disinfection systems. The current consultant will carry out an overall conceptual design of wastewater treatment process upgrades, and then an RFQ will be issued to select Design Engineer for detailed design.



PROJECT NOTES:

Project No:	18069A
A/E Consultant:	Hazen & Sawyer
Contractor:	TBD
Award Design:	Apr 2018
Award Construction:	FY 2020
Anticipated Completion:	FY 2022

FUNDING SCHEDULE (Amount in 000's)

Use of Funds	Project-to-Date Obligations July 2018	Unspent Prior Budget as of July 2018	**CIP Budget Year 1 2018 - 2019**	Year 2 2019 - 2020	Year 3 2020 - 2021	**Future Budget Required (Years 4 - 10)**	**Total Project Value (Amounts in $'s)**
Design & Engineering	49.3		**800.0**		800.0		**1,649,300**
Construction				3,000.0	8,000.0	7,000.0	**18,000,000**
Contingency				300.0	800.0	700.0	**1,800,000**
Inspection/Other			**200.0**	200.0	400.0		**800,000**
TOTAL:	49.3	-	**1,000.0**	3,500.0	10,000.0	7,700.0	**$ 22,249,300**
Source of Funds							
Revenue Bond	49.3		**1,000.0**	3,500.0	10,000.0	7,700.0	**22,249,300**
TOTAL:	49.3	-	**1,000.0**	3,500.0	10,000.0	7,700.0	**$ 22,249,300**

OPERATIONAL IMPACT:

This project will extend life of treatment plant, improve efficiency of operation and lower overall costs.

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PROJECT DESCRIPTION

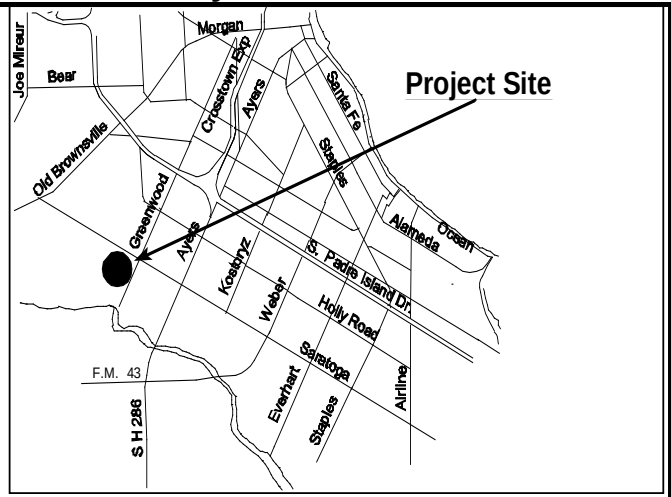
Department: **WASTEWATER** Sequence #10

PROJECT TITLE: Greenwood Flow Diversion to New Broadway WWTP

Consistency with the Comprehensive Plan: Policy Statements pg. 48: 1,3 & 6; pp. 55-58; Wastewater Master Plan

DESCRIPTION:

To mitigate pressure on the treatment capacity of Greenwood WWTP, this project is intended to divert flow from Greenwood WWTP to the New Broadway WWTP. As per preliminary analysis, this project may include the following improvements: check and determine conditions of abandoned 30-in cast iron waterline on Leopard Street; tie-in 20-inch PVC force main on McBride Lane from Erin Street to abandoned 30-in cast iron waterline on Leopard Street or a new PVC line; upsize 24-in PVC line on Antelope Street. The anticipated project scope for Consultant Engineer includes preliminary design to determine appropriate diversion approach, detailed design, development of construction documents, and construction phase services.



PROJECT NOTES:

Project No:	18083A
A/E Consultant:	LJA Engineering
Contractor:	TBD
Award Design:	TBD
Award Construction:	TBD
Anticipated Completion:	TBD

FUNDING SCHEDULE (Amount in 000's)

Use of Funds	Project-to-Date Obligations July 2018	Unspent Prior Budget as of July 2018	**CIP Budget Year 1 2018 - 2019**	Year 2 2019 - 2020	Year 3 2020 - 2021	**Future Budget Required (Years 4 - 10)**	**Total Project Value (Amounts in $'s)**
Design & Engineering			**900.0**				**900,000**
Construction				3,800.0	2,500.0		**6,300,000**
Contingency				380.0	250.0		**630,000**
Inspection/Other			**100.0**	320.0	250.0		**670,000**
TOTAL:			**1,000.0**	4,500.0	3,000.0		**$ 8,500,000**
Source of Funds							
Revenue Bond			**1,000.0**	4,500.0	3,000.0		**8,500,000**
TOTAL:			**1,000.0**	4,500.0	3,000.0		**$ 8,500,000**

OPERATIONAL IMPACT:

This project will balance wastewater treatment capacity.

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PROJECT DESCRIPTION

Department: **WASTEWATER** Sequence #11

PROJECT TITLE: McBride Lift Station and Force Main Improvements

Consistency with the Comprehensive Plan: Policy Statements pg. 48: 1,3 & 6; pp. 55-58; Wastewater Master Plan

DESCRIPTION:

McBride lift station system, located at 1200 McBride Lane, is at the end of its effective life cycle. The McBride Lift Station and Force Main were constructed in 1960 with a capacity of approximately 4.46 million gallons per day (MGD). They serve the area north of Leopard Street to Up River Road and from Corn Products Road east to Omaha Drive. Existing lift station lacks sufficient capacity to meet land development in the service area. Project scope includes demolishing and replacing McBride lift station with approximately 700 feet of 18-inch force main bored under IH-37 and tie-into existing force main.

PROJECT NOTES:

Project No :	E14054
A/E Consultant:	LJA
Contractor:	TBD
Award Design:	Nov. 2015
Award Construction:	Oct. 2018
Anticipated Completion:	Nov 2019

FUNDING SCHEDULE (Amount in 000's)

Use of Funds	Project-to-Date Obligations July 2018	Unspent Prior Budget as of July 2018	**CIP Budget Year 1 2018 - 2019**	Year 2 2019 - 2020	Year 3 2020 - 2021	**Future Budget Required (Years 4 - 10)**	**Total Project Value (Amounts in $'s)**
Design & Engineering	441.5						**441,500**
Construction			**4,000.0**	250.0			**4,250,000**
Contingency			**400.0**	25.0			**425,000**
Inspection/Other	24.8		**100.0**	25.0			**149,800**
TOTAL:	466.3		**4,500.0**	300.0			**$ 5,266,300**
Source of Funds							
Revenue Bond	466.3		**4,500.0**	300.0			**5,266,300**
TOTAL:	466.3	-	**4,500.0**	300.0			**$ 5,266,300**

OPERATIONAL IMPACT:

Estimated operational impact should be negligible. Force main improvements will be the focus of immediate repairs. Larger and more efficient pumps with increased wet well capacity and new controls will be included in program development subject to available funds. Anticipated increased usage due to area development will offset costs and alleviate pressure on other systems.

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PROJECT DESCRIPTION

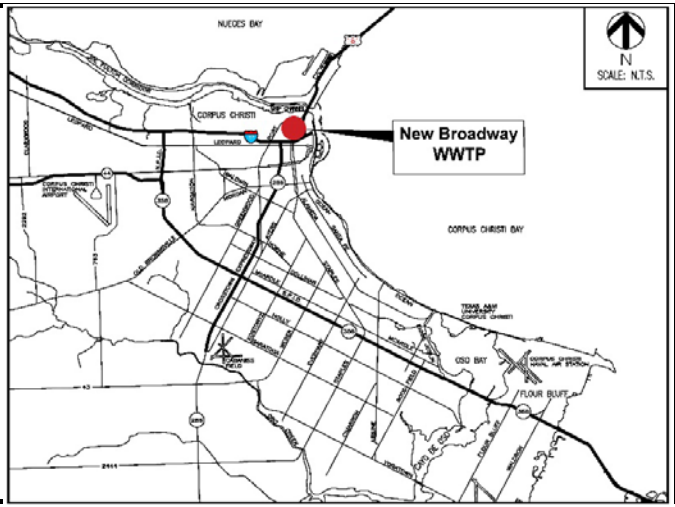
Department: **WASTEWATER** Sequence #12

PROJECT TITLE: Broadway WWTP Plant Rehabilitation

Consistency with the Comprehensive Plan: Policy Statements pg. 48: 1,3 & 6; pp. 55-58; Wastewater Master Plan

DESCRIPTION:

Numerous problems persist at Broadway Wastewater Treatment Plant (BWWTP) because of poor construction. Facility is replete with defective work items, and some work items still remain incomplete to this day. Major problems at BWWTP include Disinfection System (UV disinfection), aeration basins, aeration blowers, SCADA system, and others. As a result, the Plant has never been able to operate in accordance with original design intention. Project objective is to repair all problems at existing BWWTP and deliver a wastewater treatment plant that meets original design intention and regulatory requirements. Anticipated project scope for Consultant Engineer includes preliminary design for overall assessment on existing BWWTP, detailed design, development of construction documents, and construction phase services.



PROJECT NOTES:	
Project No:	TBD
A/E Consultant:	APAI
Contractor:	TBD
Award Design:	TBD
Award Construction:	TBD
Anticipated Completion:	TBD

FUNDING SCHEDULE (Amount in 000's)

Use of Funds	Project-to-Date Obligations July 2018	Unspent Prior Budget as of July 2018	**CIP Budget Year 1 2018 - 2019**	Year 2 2019 - 2020	Year 3 2020 - 2021	**Future Budget Required (Years 4 - 10)**	**Total Project Value (Amounts in $'s)**
Design & Engineering			**800.0**				**800,000**
Construction							**-**
Contingency							**-**
Inspection/Other			**200.0**				**200,000**
							-
TOTAL:			**1,000.0**				**$ 1,000,000**
Source of Funds							
Revenue Bond			**1,000.0**				**1,000,000**
TOTAL:			**1,000.0**				**$ 1,000,000**

OPERATIONAL IMPACT:

This project will deliver a wastewater treatment plant that meets original design intention and regulatory requirements.

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PROJECT DESCRIPTION

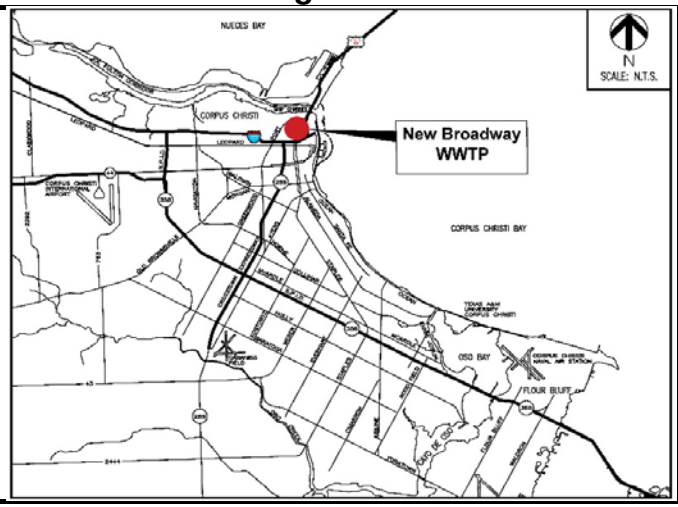
Department: **WASTEWATER** Sequence #13

PROJECT TITLE: Old Broadway Wastewater Plant Decommissioning

Consistency with the Comprehensive Plan: Policy Statements pg. 48: 1,3 & 6; pp. 55-58; Wastewater Master Plan

DESCRIPTION:

Project complies with Phase 3 of the Wastewater Facilities Implementation Plan. With construction of new wastewater treatment plant processes complete, the old Broadway WWTP will be decommissioned and taken out of service in compliance with Texas Commission on Environmental Quality requirements. Prior work included media removal and decommissioning of trickling filters. This project includes demolition of remaining facility, site grading and aesthetic improvements.



PROJECT NOTES:

Project No:	E12159
A/E Consultant:	Freese
Contractor:	TBD
Award Design:	Oct. 2017
Award Construction:	Oct 2018
Anticipated Completion:	Feb 2020

FUNDING SCHEDULE (Amount in 000's)

Use of Funds	Project-to-Date Obligations July 2018	Unspent Prior Budget as of July 2018	**CIP Budget Year 1 2018 - 2019**	Year 2 2019 - 2020	Year 3 2020 - 2021	**Future Budget Required (Years 4 - 10)**	**Total Project Value (Amounts in $'s)**
Design & Engineering	667.4	200.0					**867,400**
Construction	1,023.9			4,200.0			**5,223,900**
Contingency				420.0			**420,000**
Inspection/Other	177.7	90.4		380.0			**648,100**
TOTAL:	1,869.0	290.4	-	5,000.0			**$ 7,159,400**
Source of Funds							
Revenue Bond	1,869.0	290.4		5,000.0			**7,159,400**
TOTAL:	1,869.0	290.4	-	5,000.0			**$ 7,159,400**

OPERATIONAL IMPACT:

There are no operational costs associated with demolition, but once old wastewater treatment plant site has been demolished and cleared it will be available for economic purposes.

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PROJECT DESCRIPTION

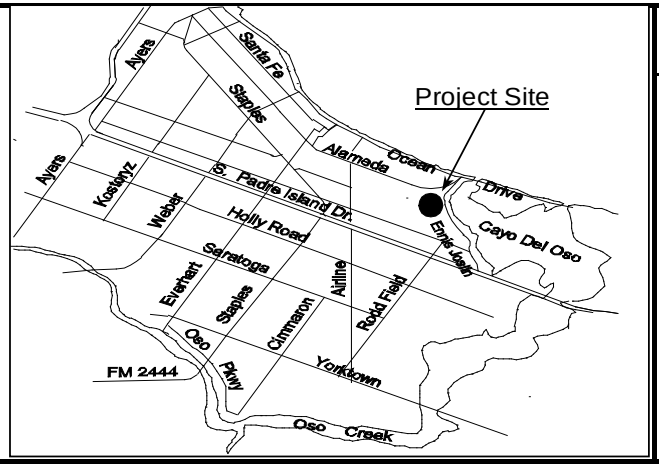
Department: **WASTEWATER** Sequence #14

PROJECT TITLE: Oso WRP Headworks and Lift Station

Consistency with the Comprehensive Plan: Policy Statements pg. 48: 1,3 & 6; pp. 55-58; Wastewater Master Plan

DESCRIPTION:

The construction of the Oso WRP Interim Ammonia Improvements Phase 1 project achieved required interim modifications of physical, chemical and biological treatment processes at Oso WRP. This project ensures continued compliance with recent ammonia and nutrient removal permit criteria. Project consists of construction of a new headworks and lift station, Electrical Control Room (ECR) building, odor control unit, and yard piping.



PROJECT NOTES:

Project No:	E12206
A/E Consultant:	LNV, Inc.
Contractor:	TBD
Award Design:	June 2013
Award Construction:	Mar. 2018
Anticipated Completion:	Aug. 2020

FUNDING SCHEDULE (Amount in 000's)

Use of Funds	Project-to-Date Obligations July 2018	Unspent Prior Budget as of July 2018	Uncertified Obligation Remaining	**CIP Budget Year 1 2018 - 2019**	Year 2 2019 - 2020	Year 3 2020 - 2021	**Future Budget Required (Years 4 - 10)**	**Total Project Value (Amounts in $'s)**
Design & Engineering	10,024.2							**10,024,200**
Construction	5,800.0		17,065.5		7,000.0			**29,865,500**
Contingency					700.0			**700,000**
Inspection/Other	281.3				300.0			**581,300**
TOTAL:	16,105.5	-	17,065.5		8,000.0			**$ 41,171,000**
Source of Funds								
Revenue Bond	16,105.5		17,065.5		8,000.0			**41,171,000**
TOTAL:	16,105.5	-	17,065.5		8,000.0			**$ 41,171,000**

OPERATIONAL IMPACT:

This project will enable plant to run in a more economical and efficient manner. Operational impact is adversely affected when plant is not working at optimal levels.

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PROJECT DESCRIPTION

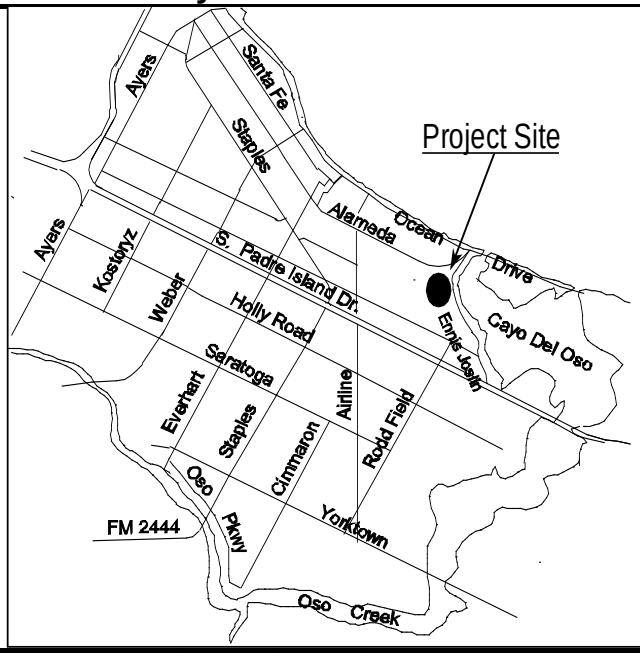
Department: **WASTEWATER** Sequence #15

PROJECT TITLE: Oso WRP Process Upgrade and BPC Facility Decommission

Consistency with the Comprehensive Plan: Policy Statements pg. 48: 1,3 & 6; pp. 55-58; Wastewater Master Plan

DESCRIPTION:

Construction of new headworks and lift station at Oso Water Reclamation Plant (WRP) started in FY18. The next phase of work involves secondary treatment improvements and a process conversion to Biological Nutrient Removal (BNR). This will allow the City to decommission current breakpoint chlorination (BPC) system which is currently achieving ammonia removal by chemical addition and will allow plant to maintain permit compliance by removing ammonia more efficiently and safely through biological processes. In addition, equipment associated with secondary treatment units have exceeded original design life and have become maintenance intensive and a hindrance to operations. Scope of improvements include retrofitting existing aeration basins with fine bubble aeration equipment, raising aeration basin walls for increased depth, construction of new blower building, replacement or rehabilitation of existing scum and sludge removal components on secondary clarifiers, improvements to chlorine contact chambers to address short circuiting, demolition/decommissioning of breakpoint chlorination system and other miscellaneous enhancements associated with administrative building, digesters and access roads.



PROJECT NOTES:

Project No:	TBD
A/E Consultant:	LNV, Inc.
Contractor:	TBD
Award Design:	TBD
Award Construction:	TBD
Anticipated Completion:	TBD

FUNDING SCHEDULE (Amount in 000's)

Use of Funds	Project-to-Date Obligations July 2018	Unspent Prior Budget as of July 2018	**CIP Budget Year 1 2018 - 2019**	Year 2 2019 - 2020	Year 3 2020 - 2021	**Future Budget Required (Years 4 - 10)**	**Total Project Value (Amounts in $'s)**
Design & Engineering				800.0			**800,000**
Construction				3,600.0	11,000.0	21,000.0	**35,600,000**
Contingency				360.0	1,100.0	2,100.0	**3,560,000**
Inspection/Other				240.0	900.0	900.0	**2,040,000**
TOTAL:				5,000.0	13,000.0	24,000.0	**$ 42,000,000**
Source of Funds							
Revenue Bond				5,000.0	13,000.0	24,000.0	**42,000,000**
TOTAL:				5,000.0	13,000.0	24,000.0	**$ 42,000,000**

OPERATIONAL IMPACT:

This project will enable the Oso WRP to run in a more economical and efficient manner. Operational impact is adversely affected when plant is not working at optimal levels.

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PROJECT DESCRIPTION

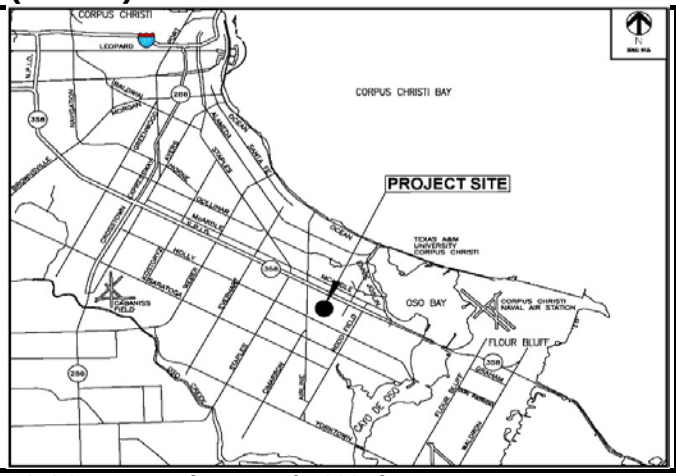
Department: **WASTEWATER** Sequence #16

PROJECT TITLE: Williams Lift Station Force Main (Line A)

Consistency with the Comprehensive Plan: Policy Statements pg. 48: 1,3 & 6; pp. 55-58; Wastewater Master Plan

DESCRIPTION:

Williams Lift Station is the largest lift station in the City and it serves the City's future growth in Southside. The lift station and its associated force main were constructed in 1983 with a wet well/dry well arrangement. The lift station and its 36-in DIP force main provide a critical role in conveying wet weather flows through collection system to Oso WRP. Recent inspections of force main and air release valves showed signs of significant corrosion due to hydrogen sulfide in some locations. Anticipated project scope for Consultant Engineer includes preliminary design for more detailed condition assessment of line and rehabilitation of line in locations needed, detailed design, development of construction documents, and construction phase services.



PROJECT NOTES:

Project No:	TBD
A/E Consultant:	LNV, Inc.
Contractor:	TBD
Award Design:	TBD
Award Construction:	TBD
Anticipated Completion:	TBD

FUNDING SCHEDULE (Amount in 000's)

Use of Funds	Project-to-Date Obligations July 2018	Unspent Prior Budget as of July 2018	**CIP Budget Year 1 2018 - 2019**	Year 2 2019 - 2020	Year 3 2020 - 2021	**Future Budget Required (Years 4 - 10)**	**Total Project Value (Amounts in $'s)**
Design & Engineering				500.0			**500,000**
Construction					3,000.0	3,000.0	**6,000,000**
Contingency					300.0	300.0	**600,000**
Inspection/Other				150.0	300.0	300.0	**750,000**
TOTAL:				650.0	3,600.0	3,600.0	**$ 7,850,000**
Source of Funds							
Revenue Bond				650.0	3,600.0	3,600.0	**7,850,000**
TOTAL:				650.0	3,600.0	3,600.0	**$ 7,850,000**

OPERATIONAL IMPACT:

This project will increase wastewater service response to regional economical and population growth.

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Department: **WASTEWATER**

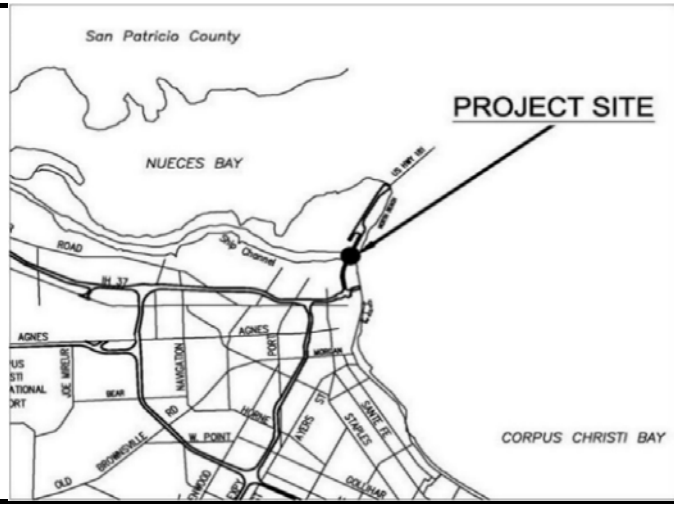
Sequence #17

PROJECT TITLE: TxDOT Wastewater Line Relocation - HARBOR BRIDGE

Consistency with the Comprehensive Plan: Policy Statements pg. 48: 1,3 & 6; pp. 55-58; Wastewater Master Plan

DESCRIPTION:

This project is required to relocate wastewater lines within the new Harbor Bridge easements.



PROJECT NOTES:

Project No:	E15158
A/E Consultant:	N/A
Contractor:	N/A
Award Design:	N/A
Award Construction:	N/A
Anticipated Completion:	N/A

FUNDING SCHEDULE (Amount in 000's)

Use of Funds	Project-to-Date Obligations July 2018	Unspent Prior Budget as of July 2018	**CIP Budget Year 1 2018 - 2019**	Year 2 2019 - 2020	Year 3 2020 - 2021	**Future Budget Required (Years 4 - 10)**	**Total Project Value (Amounts in $'s)**
Design & Engineering			200.0				**200,000**
Construction			4,600.0	5,700.0	2,400.0		**12,700,000**
Contingency							**-**
Inspection/Other	595.9		**200.0**	300.0	100.0		**1,195,900**
TOTAL:	595.9		**5,000.0**	6,000.0	2,500.0		**$ 14,095,900**
Source of Funds							
Revenue Bond	595.9		**5,000.0**	6,000.0	2,500.0		**14,095,900**
TOTAL:	595.9		**5,000.0**	6,000.0	2,500.0		**$ 14,095,900**

OPERATIONAL IMPACT:

Operational impact of project is negligible. It is required to facilitate construction of new Harbor Bridge.

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PROJECT DESCRIPTION

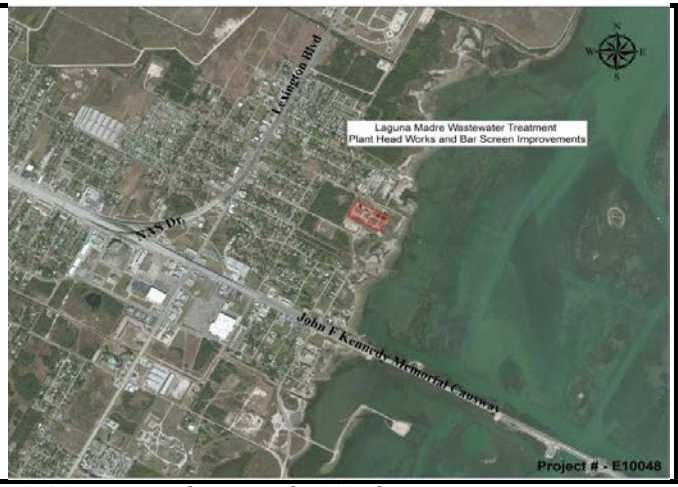
Department: **WASTEWATER** Sequence #18

PROJECT TITLE: Laguna Madre Plant Rehabilitation

Consistency with the Comprehensive Plan: Policy Statements pg. 48: 1,3 & 6; pp. 55-58; Wastewater Master Plan

DESCRIPTION:

This project involves replacement of a portable office building, stairs and railing for new grit system, scum system replacement and clarifier equipment replacement. Project also proposes upgrades from diffused air system to fine bubbles, rehabilitation of thickener equipment, sludge holding tank and polymer system. Replacement of non-potable water system and installation of SCADA system is included.



PROJECT NOTES:

Project No:	TBD
A/E Consultant:	Urban Engineering
Contractor:	TBD
Award Design:	TBD
Award Construction:	TBD
Anticipated Completion:	TBD

FUNDING SCHEDULE (Amount in 000's)

Use of Funds	Project-to-Date Obligations July 2018	Unspent Prior Budget as of July 2018	**CIP Budget Year 1 2018 - 2019**	Year 2 2019 - 2020	Year 3 2020 - 2021	**Future Budget Required (Years 4 - 10)**	**Total Project Value (Amounts in $'s)**
Design & Engineering			**800.0**				**800,000**
Construction				1,800.0	2,200.0		**4,000,000**
Contingency				180.0	150.0		**330,000**
Inspection/Other			**200.0**	120.0	150.0		**470,000**
TOTAL:			**1,000.0**	2,100.0	2,500.0		**$ 5,600,000**
Source of Funds							
Revenue Bond			**1,000.0**	2,100.0	2,500.0		**5,600,000**
TOTAL:			**1,000.0**	2,100.0	2,500.0		**$ 5,600,000**

OPERATIONAL IMPACT:

This project is required to meet operational and regulatory requirements

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PROJECT DESCRIPTION

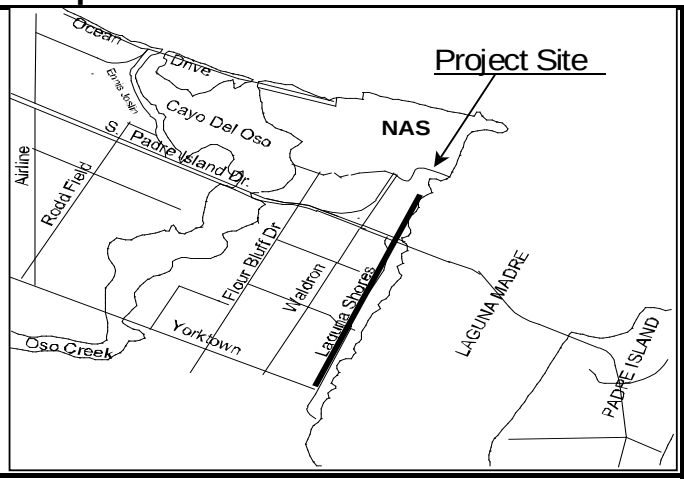
Department: **WASTEWATER** Sequence #19

PROJECT TITLE: Laguna Shores Road Force Main Replacement

Consistency with the Comprehensive Plan: Policy Statements pg. 48: 1,3 & 6; pp. 55-58; Wastewater Master Plan

DESCRIPTION:

This project includes installation of new force main to convey waste flows from Graham Road to Laguna Madre WWTP. There will also be an interconnect to tie new force main to existing 18-inch force main, allowing existing 18-inch force main to be used as a back up in case of emergency. Additional work includes construction of new Gate Lift Station and associated new gravity wastewater infrastructure necessary to take existing siphon wastewater line beneath South Padre Island Drive off-line as well as installation of flowmeters at Riviera Lift Station, Laguna Shores Lift Station, Waldron Lift Station, Flour Bluff Lift Station, and new Gateway Lift Station.



PROJECT NOTES:

Project No:	E10054
A/E Consultant:	LJA, Inc.
Contractor:	TBD
Award Design:	Oct 2012
Award Construction:	Sept 2018
Anticipated Completion:	Oct 2019

FUNDING SCHEDULE (Amount in 000's)

Use of Funds	Project-to-Date Obligations July 2018	Unspent Prior Budget as of July 2018	**CIP Budget Year 1 2018 - 2019**	Year 2 2019 - 2020	Year 3 2020 - 2021	**Future Budget Required (Years 4 - 10)**	**Total Project Value (Amounts in $'s)**
Design & Engineering	598.3						**598,300**
Construction			**4,100.0**	400.0			**4,500,000**
Contingency			**410.0**	40.0			**450,000**
Inspection/Other	157.5		**490.0**	60.0			**707,500**
TOTAL:	755.8		**5,000.0**	500.0			**$ 6,255,800**
Source of Funds							
Revenue Bond	755.8		**5,000.0**	500.0			**6,255,800**
TOTAL:	755.8		**5,000.0**	500.0			**$ 6,255,800**

OPERATIONAL IMPACT:

This project will increase operational efficiencies and protect against overflows and prevent enforcement action from Texas Commission on Environmental Quality.

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PROJECT DESCRIPTION

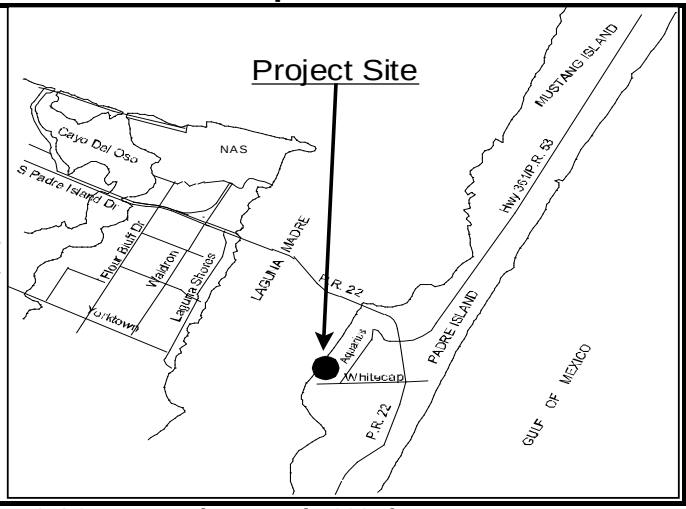
Department: **WASTEWATER** Sequence #20

PROJECT TITLE: Whitecap, Odor Control, Process & Bulkhead Improvements

Consistency with the Comprehensive Plan: Policy Statements pg. 48: 1,3 & 6; pp. 55-58; Wastewater Master Plan

DESCRIPTION:

Whitecap Wastewater Treatment Plant provides wastewater treatment service for City customers located on Padre Island. The original plant was 0.5 million gallons per day (MGD) capacity, but has been expanded over years to 2.5 MGD capacity due to growth on island. The existing odor control unit has exceeded its useful life cycle and rehabilitation is now required. Also, existing unit employs chemicals for treatment and new modern odor control units are biological. Odor control and aerobic digester embrace the efficiency of plant operations. Bulkhead repairs will also be addressed.



PROJECT NOTES:

Project No:	E10053
A/E Consultant:	LJA
Contractor:	TBD
Award Design:	May 2016
Award Construction:	TBD
Anticipated Completion:	TBD

FUNDING SCHEDULE (Amount in 000's)

Use of Funds	Project-to-Date Obligations July 2018	Unspent Prior Budget as of July 2018	**CIP Budget Year 1 2018 - 2019**	Year 2 2019 - 2020	Year 3 2020 - 2021	**Future Budget Required (Years 4 - 10)**	**Total Project Value (Amounts in $'s)**
Design & Engineering	49.4		**450.0**				**499,400**
Construction				3,300.0	800.0		**4,100,000**
Contingency				330.0	80.0		**410,000**
Inspection/Other			**150.0**	370.0	120.0		**640,000**
TOTAL:	49.4		**600.0**	4,000.0	1,000.0		**$ 5,649,400**
Source of Funds							
Revenue Bond	49.4		**600.0**	4,000.0	1,000.0		**5,649,400**
TOTAL:	49.4		**600.0**	4,000.0	1,000.0		**$ 5,649,400**

OPERATIONAL IMPACT:

Continued property development and encroachment near wastewater treatment plants, along with more stringent regulatory odor standards, are requiring additional improvements to minimize odors and prevent penalties. Improvements will not result in additional operational costs but will help avoid penalties for non-compliance. This project is also part of a “good neighbor” policy.

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PROJECT DESCRIPTION

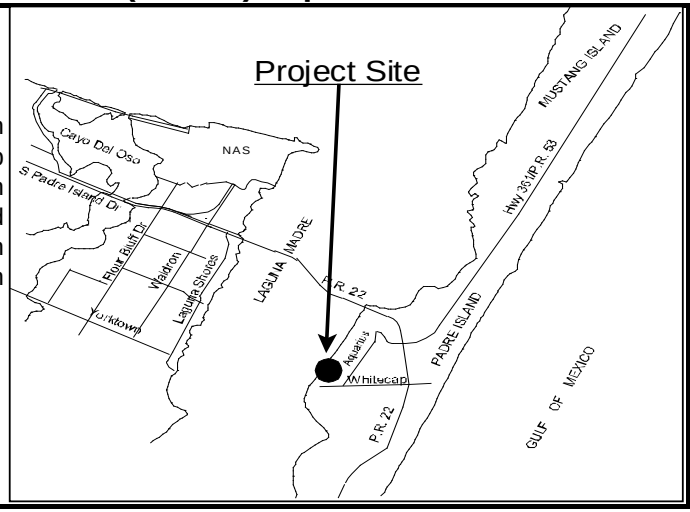
Department: **WASTEWATER** Sequence #21

PROJECT TITLE: Whitecap Wastewater Treatment Plant (WWTP) Improvements

Consistency with the Comprehensive Plan: Policy Statements pg. 48: 1,3 & 6; pp. 55-58; Wastewater Master Plan

DESCRIPTION:

This project includes preliminary design, development of construction documents and construction phase services for improvements to Whitecap WWTP influent lift station, aeration basin and clarifiers 1 & 2. Lift station work includes replacing bar screens with necessary electrical upgrades and installation of new grit removal system. Project also includes rehabilitation of aeration basin for air diffusers, air piping, and clarifiers 1 and 2 with necessary electrical and lighting improvements.



PROJECT NOTES:

Project No:	TBD
A/E Consultant:	LAN
Contractor:	TBD
Award Design:	TBD
Award Construction:	TBD
Anticipated Completion:	TBD

FUNDING SCHEDULE (Amount in 000's)

Use of Funds	Project-to-Date Obligations July 2018	Unspent Prior Budget as of July 2018	**CIP Budget Year 1 2018 - 2019**	Year 2 2019 - 2020	Year 3 2020 - 2021	**Future Budget Required (Years 4 - 10)**	**Total Project Value (Amounts in $'s)**
Design & Engineering			**900.0**				**900,000**
Construction				2,300.0	1,800.0	2,200.0	**6,300,000**
Contingency				230.0	180.0	150.0	**560,000**
Inspection/Other			**100.0**	270.0	220.0	150.0	**740,000**
TOTAL:			**1,000.0**	2,800.0	2,200.0	2,500.0	**$ 8,500,000**
Source of Funds							
Revenue Bond			**1,000.0**	2,800.0	2,200.0	2,500.0	**8,500,000**
TOTAL:			**1,000.0**	2,800.0	2,200.0	2,500.0	**$ 8,500,000**

OPERATIONAL IMPACT:

This project is needed to meet operational and regulatory requirements.