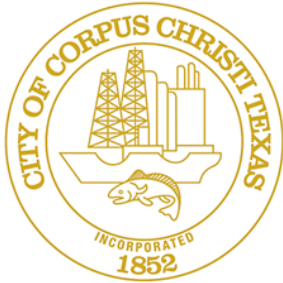




FY 2015-2016 ADOPTED & CAPITAL BUDGET CAPITAL IMPROVEMENT PLANNING GUIDE CITY OF CORPUS CHRISTI

ADOPTED BY CITY COUNCIL
ORDINANCE No. 030621 ON SEPTEMBER 22, 2015
CITY MANAGER RONALD L. OLSON



Margie C. Rose
Deputy City Manager

Gustavo Gonzalez, P.E.
Assistant City Manager—Public Works, Utilities, and Transportation

Susan Thorpe
Assistant City Manager—Safety, Health, and Neighborhoods

Wes Pierson
Assistant City Manager—General Government and Operations Support



Ronald L. Olson
City Manager

PROJECT TEAM

Management & Budget

Eddie Houlihan
Assistant Director

Christine Garza, MBA
Capital Budget Officer

Laura Reyes
Senior Budget Analyst

Capital Programs

Valerie Gray
Executive Director of Public Works

Jeffery Edmunds
Director of Engineering Services

Lynda Herndon, C.P.M.
Finance and Resource Superintendent

Finance

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

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

Jason Gooding
Senior Accountant—CIP

Betsy Perez
Supervising Accountant—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:
Office of Management and Budget
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Mark Scott
Council Member
At Large



Lillian Riojas
Council Member
At Large



Chad Magill
Council Member
At Large



Carolyn Vaughn
Council Member



Brian Rosas
Council Member



Colleen McIntyre
Council Member



Lucy Rubio
Council Member



Rudy Garza
Council Member

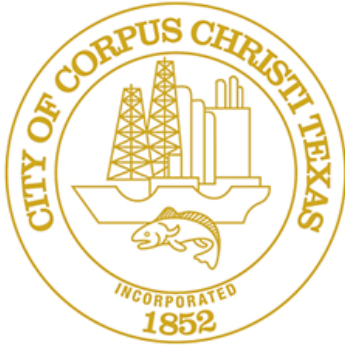


Nelda Martinez
Mayor



2015-2016

City of Corpus Christi, Texas, City Council



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):

Phillip John Ramirez (exp. 7.31.18)
Chairman

Eric Villarreal (exp. 7.31.16)

Heidi Hovda (exp. 7.31.17)
Vice-Chair

Carl Crull (exp. 7.31.17)

Jonas Chupe (exp. 7.31.18)

Jeremy Baugh (exp. 7.31.18)

Marsha Williams (exp. 7.31.17)

Mike Lippincott (exp. 7.31.18)

Fred Braselton (exp. 7.31.18)

2015 Corpus Christi Planning Commission



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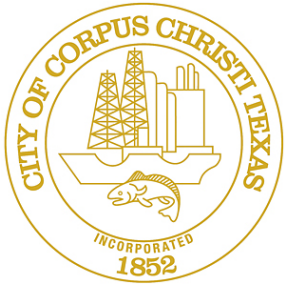
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CITY MANAGER'S MESSAGE

Obligation to the Future



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 2015 - 2016 Approved Capital Budget and Capital Improvement Planning Guide, also known as the Capital Improvement Program (CIP). The purpose of the CIP is to identify, plan, prioritize, fund, the construction of projects needed to enhance or maintain the quality of life for the community. This document serves as both a budget – for fiscal year 2016 - and a major planning tool for subsequent years. The ten-year CIP is dynamic in nature and is reviewed and revised annually to ensure projects of greatest need receive the highest priority. Project priorities and available funding are constantly monitored to ensure adequate funding for critical projects and that voter-approved projects are completed in a timely manner. The document reflects the City's planned investment in municipal infrastructure and facilities over the next ten years.

This document incorporates project scopes, costs, and schedules over the next ten years. The individual project pages contain project descriptions which represent brief synopses of the entire project scope; these descriptions are generally more precise for ongoing active projects than for planned new projects, where specific project activities may have yet to be determined. Costs already incurred and future cost estimates are listed for each project. Future costs have been estimated and are shown on a cash flow basis for each fiscal year. Both estimated award design and construction dates are included, and for new projects yet to be designed, timeframes represent an estimated schedule based on their priority sequencing and available funding. The architect/engineer and contractor are listed where applicable. Finally, the expected operational impact has been included.

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 located at the back of each section, consisting 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.

Managing an effective capital program in tough economic times has been a challenge. The Ten-Year Utility Financial Plan has been included in the utility rate model that projects revenue requirements and long-term rate impacts required to fund the proposed projects and proposed utility operations/debt service. These rates are then formally presented in the operating budget and presented to City Council for consideration and approval.

CAPITAL BUDGET HIGHLIGHTS

AIRPORT PROGRAM

The Master Plan Update for the Corpus Christi International Airport establishes a program for the improvement and development of additional facilities over the next twenty (20) years. It sets the course for development of the Airport to ensure that available assets can meet projected needs and customer demands. As a result, the Fiscal Year 2015–2016 Airport Capital Improvement program reflects a comprehensive evaluation of Airport needs, resulting in a clear and realistic plan for current and future growth. Planned projects support City Council goals of enhanced economic development and promote the airport as the aviation gateway to the South Texas coastal area.

PARKS AND RECREATION PROGRAM

The Parks and Recreation Program is committed to providing social, recreational and cultural events and opportunities for the community as well as visitors to Corpus Christi. This program commitment was supported by the voter approval of the November 2012 Bond election which provided funding to create new and renovate existing parks and recreational facilities throughout the City. The projects listed in the Bond Issue 2012 Parks Program are nearing design completion and construction of the various amenities will take place throughout Fiscal Year 2016.

PUBLIC FACILITIES PROGRAM

The focus of the Public Facilities Program for Fiscal Year 2016 will be directed at the design and construction of projects identified through a comprehensive Facilities Study to determine the operational integrity and extended maintenance needs of city-owner facilities located throughout the area. A commitment of \$2 million per year will be used to address projects on a yearly basis to the extent funding allows. Additional planned projects include the construction of improvements approved by City voters in the Bond 2012 Public Facility Program.

PUBLIC HEALTH & SAFETY PROGRAM

The Public Health & Safety Program is highlighted by the construction of improvements to improve service delivery, protect existing equipment, enhance the comfort of the public and invest in projects that will increase revenue. Improvements at the J.C. Elliott and Cefé Valenzuela landfills include planning for future waste disposal needs and minimizing costs through the latest technological advances. General Obligation Bond 2012 Projects include the construction of Phase Two of a Vehicle Impound Yard and Garage and the construction of a new Fire Station #18 in the area of Ayers and Saratoga. Projects utilizing Sales Tax proceeds will be considered by the Corpus Christi Business and Job Development Corporation and must be approved by City Council prior to work beginning. Due to the sale of Certificates of Obligation last year and the prior sale of General Obligation Bonds, new funding is not required for programmed projects.

STREETS PROGRAM

Street quality has an impact on every resident, business, and visitor of our City. Accessibility to businesses, schools, and residential areas impacts the quality of life of our citizens. The Fiscal Year 2015–2016 Street Capital Improvement Program contains projects that maintain or improve roadway infrastructure, ensure adequate street lighting, comply with Americans with Disability (ADA) Act requirements and promote safe and efficient traffic flow. The City of Corpus Christi continues to maximize project funding by actively seeking joint participation with other governmental entities (i.e. TxDOT, MPO, CDBG, etc.) to complete street projects with a maximum benefit for citizens. This year's budget focuses on the construction of projects approved in the 2012 and 2014 Bond Elections.

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 expansion projects and pipeline acquisitions have come together to improve service, reliability, cut costs and adequately plan for the future of our distribution system.

Included in this year's Capital Improvement Program are critical expansion requirements for the main distribution supply lines throughout the city. These projects will connect the existing City distribution system to the North Beach distribution system, the Annville/Calallen distribution system, and the Padre Island System. When complete, the Gas Department will have consolidated from five independent distribution systems to one. With the expansion of the main distribution supply line to the Annville/Calallen, North Beach, Violet, and Padre Island areas, the reliability of the distribution system as a whole is greatly increased and redundancy is accomplished. Deliverability and capacity of the system is anticipated to increase.

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 - as required by the City's Texas Pollutant Discharge Elimination System (TPDES) Permit. Significant initiatives included in the Capital Improvement Program focus on insuring compliance with state and federal regulatory requirements and planning to address the capacity limitations of existing systems.

WATER PROGRAM

The City's Fiscal Year 2015-2016 Water Capital Improvement represents a significant investment of resources to enable delivery of a reliable source of potable water to residents, while balancing the long-term needs of the City and the region. Through periodic updates of the City-Wide Water Distribution Master Plan, local and area needs are modeled and the information is used in the development of a capital program that is responsive to population growth, rehabilitation/replacement of aging infrastructure, and meeting regulatory requirements while remaining attentive to funding limitations. This year's Water CIP includes projects relating to Water Treatment, Network and Distribution Improvements.

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. Fiscal Year 2016 projects address long term water needs and investigate alternate water delivery methods with a demonstration project to site, construct and implement a test desalination plant operating at 200,000 gallons per day. An additional project will provide for significant improvements to the Wesley Seale Dam system over the next several years.

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. A new project included in this year’s Wastewater Capital Improvement Program is the first step in exploring the viability of consolidating the City’s wastewater treatment plants for better service at a reduced cost.

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.

Respectfully,

Ronald L. Olson
City Manager

CIP Planning Guide - Major Sections

Term

Years 4+

Long-Range CIP

Description

Planned Funding

Years 2&3

Short-Range CIP

Programmed Funding

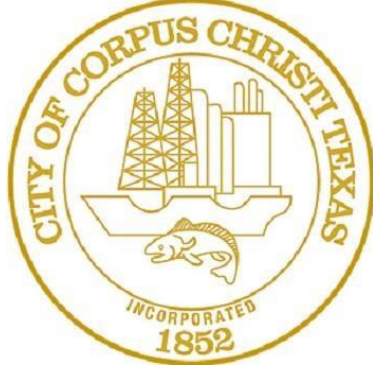
Year 1

Annual Capital Budget

1st Year of Short-Range CIP – Fully Funded

FY 2016 CAPITAL BUDGET SCHEDULE

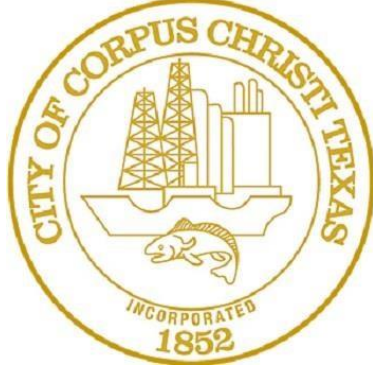
Friday, April 24, 2015	Work begins on Compiling Project Pages for CIP Book Sections
Monday, June 22, 2015	Draft Capital Budget Book Short-Range Pages Delivered to Executive Committee for Review and Comment
Wednesday, July 29, 2015	Draft Capital Budget Book Given to Planning Committee
Wednesday, July 29, 2015	Draft Capital Budget Book Presentation to Planning Committee
Wednesday, July 29, 2015	Planning Commission Meeting – Document Overview, Public Hearing & Recommendations
Tuesday, August 18, 2015	Council Capital Budget Presentation
Tuesday, August 25, 2015	Regular City Council Meeting- Council Discussion/1st Reading & Approval
Tuesday, September 08, 2015	Regular City Council Meeting-Council Discussion & Approval



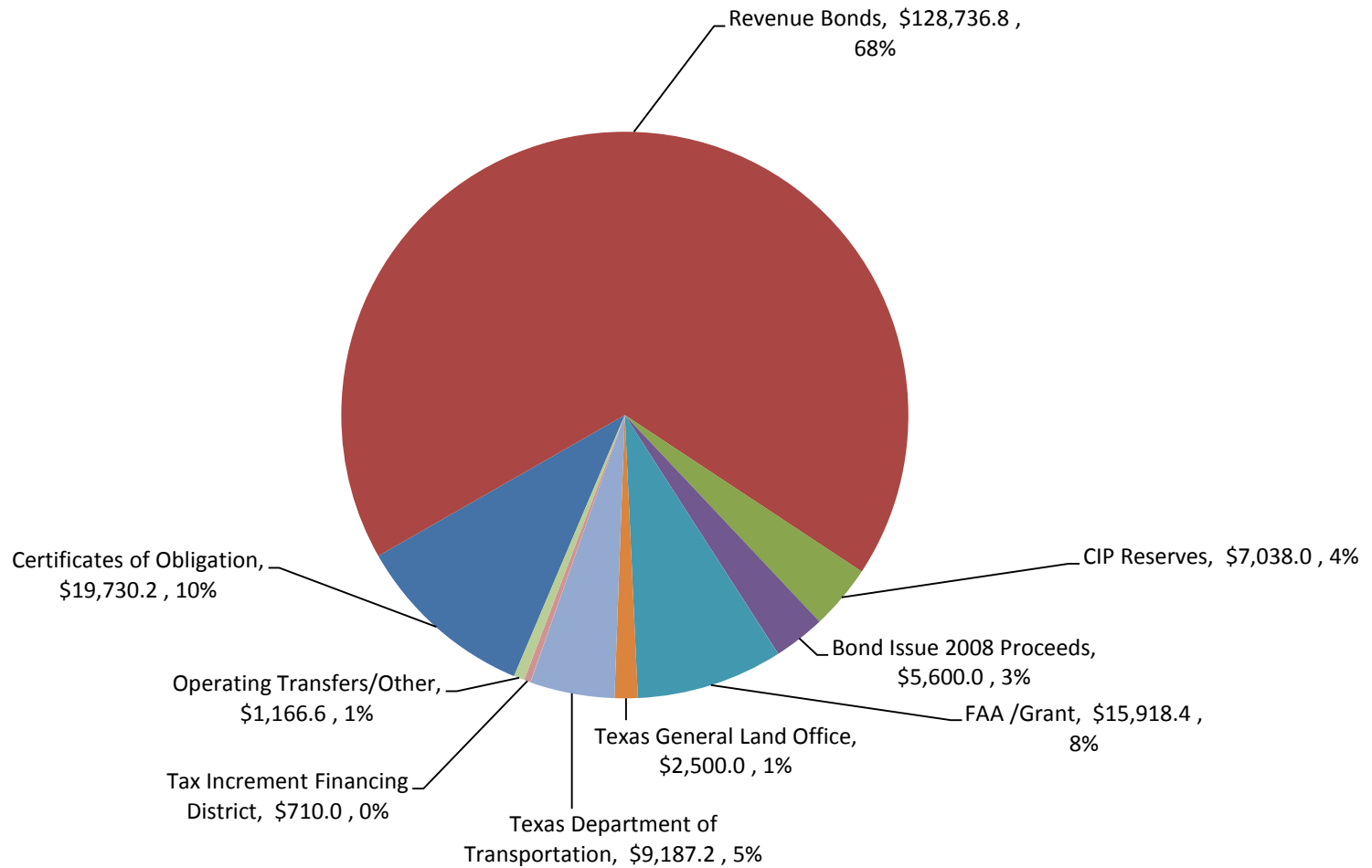


CAPITAL BUDGET

Obligation to the Future



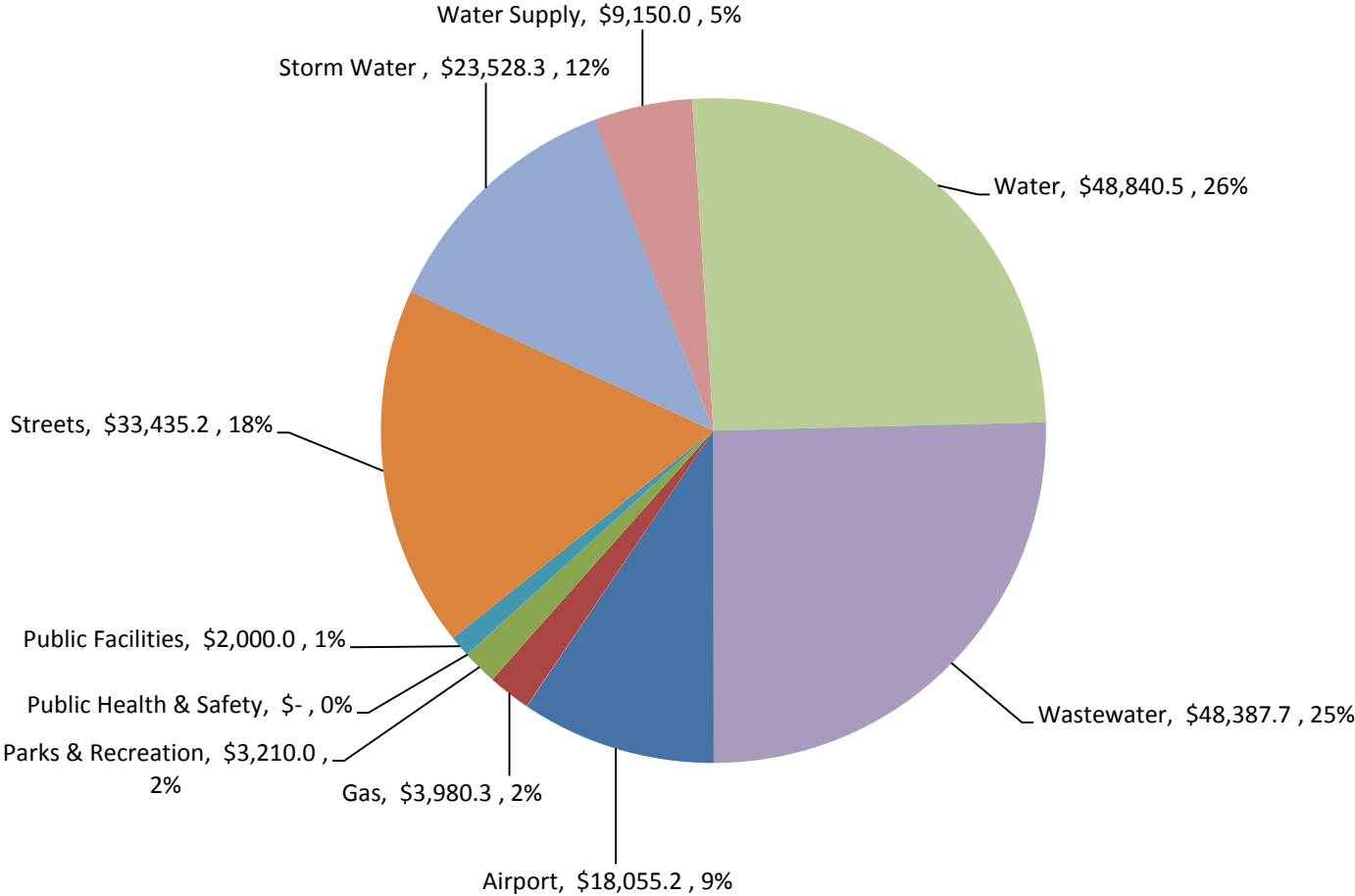
2016 Funding Sources by Type: \$190,587.2 (Amounts in 000's)



2016 CAPITAL BUDGET SUMMARY
(Amounts in 000's)

Funding Sources by Type	Amount	% of Total
CIP Reserves	\$ 7,038.0	3.7%
Certificates of Obligation	19,730.2	10.4%
Revenue Bonds	128,736.8	67.5%
Bond Issue 2008 Proceeds	5,600.0	2.9%
FAA/ Grant	15,918.4	8.4%
Texas Department of Transportation	9,187.2	4.8%
Texas General Land Office	2,500.0	1.3%
Tax Increment Financing District	710.0	0.4%
Operating Transfer/Other	1,166.6	0.6%
 Total FY 2016 Capital Sources	 <u>\$ 190,587.2</u>	 <u>100%</u>

2016 Funding Uses by Program: \$190,587.2 (Amounts in 000's)



2016 CAPITAL BUDGET SUMMARY
(Amounts in 000's)

Funding Uses by Program	Amount	% of Total
Airport	18,055.2	9.5%
Parks & Recreation	3,210.0	1.7%
Public Facilities	2,000.0	1.0%
Public Health & Safety	-	0.0%
Streets	33,435.2	17.5%
Gas	3,980.3	2.1%
Storm Water	23,528.3	12.3%
Water Supply	9,150.0	4.8%
Water	48,840.5	25.6%
Wastewater	48,388	25.4%
Total FY 2016 Capital Uses	\$ 190,587.2	100%

**2016 CAPITAL BUDGET
(Amounts in 000's)**

PROJECT RECOMMENDATIONS		FUNDING SOURCES	
Airport			
Quick Turn Around Rental Car Facility	\$ 16.6	FAA Grant	15,918.4
Runway 17-35 Safety Mitigation	322.5	Airport CIP Reserves	778.0
Rehabilitate East General Aviation (EGA) Apron	160.0	Certificates of Obligation	1,342.2
Pinson Drainage	24.0	CFC	16.6
Runway 13-31 Extension Safety Mitigation	6,690.7		
Taxiway Reconfiguration	3,443.3		
N General Aviation (NGA) Apron Extension	316.4		
CCIA Air Operations Area (AOA) Perimeter Fence	7,006.7		
Airport Fuel Farm	75.0		
Total Projects:	\$ 18,055.2	Total Funding:	\$ 18,055.2
Parks & Recreation			
Packery Channel Improvements Phase 5	\$ 200.0	Texas General Land Office	\$ 2,500.0
Packery Channel Miscellaneous Improvements	510.0	Tax Increment Finance District	710.0
North Beach RE-nourishment	2,500.0		
Total Projects:	\$ 3,210.0	Total Funding:	\$ 3,210.0
Public Facilities			
Comprehensive Facilities Improvements	\$ 2,000.0	Certificates of Obligation	2,000
Total Projects:	\$ 2,000.0	Total Funding:	\$ 2,000.0
Public Health & Safety			
Total Projects:	\$ -	Total Funding:	\$ -
Streets			
Naviagation Boulevard - Up River Rd to Leopard St	\$ 3,713.1	Street Reserves	\$ 2,260
S Alameda St - Ayers St to Louisiana Ave	1,470.9	Bond Issue 2008 Proceeds	5,600.0
Greenwood Dr - Gollihar Rd to Horne Rd	1,220.4	Certificates of Obligation	16,388.0
Ocean Dr - Buford St to Louisiana Ave	3,347.7	Texas Dept of Transportation	9,187
Tuloso Rd - Interstate Highway 37 to Leopard St	2,113.4		
S Staples St - Brawner Parkway to Kostoryz Rd	4,804.0		
Alameda St - Kinney to Lipan	962.5		
McArdle Rd - Nile Dr to Ennis Joslin	3,068.3		
Gollihar Rd - S Staples St to Weber Rd	2,608.9		
Kostoryz Rd - Brawner Parkway to Staples St	2,381.1		
Corona Dr - Flynn Parkway to Everhart	1,392.0		
Morgan Ave - S Staples St to Crosstown Freeway	377.0		
Ayres St - Ocean Dr to Alameda St	1,452.8		
Yorktown Rd - Lake Travis to Everhar Rd	2,275.0		
Holly Rd - Corsstown Freeway to Greenwood Dr	8,533.1		
Williams Dr Ph3 - S Staples to Airline Rd	6,927.3		
S Staples St - Alameda St to Morgan Ave	795.4		
ADA Master Plan Implementation	162.4		

2016 CAPITAL BUDGET
(Amounts in 000's)

PROJECT RECOMMENDATIONS		FUNDING SOURCES	
Streets (Con't)			
Southern Minerals Rd - Up River Rd to IH 37	1,784.0		
Yorktown Rd - Everhar Rd to S Staples	1,826.5		
Carroll Lane - Houston to McArdle Rd	1,107.4		
Old Robstown Rd - State Highway 44 to Leopard St	5,461.8		
Santa Fe - Elizabeth St to Hancock	703.4		
Chaparral St Ph2 - Downtown Development Master Plan	777.6		
Rodd Field Rd Expansion - Saratoga to Yorktown	437.6		
Ennis Joslin Extension - Holly to Williams	680.4		
Park Rd 22 Bridge	5,600.0		
Utility relocations funded by Utilities (See Airport, Storm Water, Water, Gas, & Wastewater)	(32,548.8)		
	<u>33,435.2</u>		
Total Projects:	\$ 33,435.2	Total Funding:	\$ 33,435.2
Gas			
West Side Interior Loop	\$ 500.0		
Gas Line Replacement/Extension Program	1,000.0	Revenue Bonds	3,980.3
Texas Department of Transportation Gas Line Relocation	1,400.0		
High Pressure Cathodic Protection Master Plan	250.0		
Street Utility Relocations	830.3		
	<u>3,980.3</u>		
Total Projects:	\$ 3,980.3	Total Funding:	\$ 3,980.3
Storm Water			
Lifecycle Pipe Rehabilitation & Replacement	\$ 2,500.0	Revenue Bonds	\$ 21,028.3
IDIQ Major Ditch Improvements	500.0	Storm Water Capital Reserve	2,500.0
Drainage Channel Excavation - Master Channel 31	500.0		
Oso Creek Basin Drainage Relief	500.0		
Unanticipated Storm Water Capital Requirements	250.0		
Egyptian and Meadowbrook/USACE Mitigation	300.0		
Gollihar Outfall Repairs	750.0		
Lifecycle Curb and Gutter Replacement	600.0		
Minor Channel Improvements	250.0		
Storm Water Master Plan Update	500.0		
Major Outfall Assessment and Repairs	300.0		
Bridge Rehabilitation	600.0		
Developer Participation - Storm Water	100.0		
Street Utility Relocations	15,878.3		
	<u>23,528.3</u>		
Total Projects:	\$ 23,528.3	Total Funding:	\$ 23,528.3
Water Supply			
City of Corpus Christi Desalination Program	1,150.0	Revenue Bonds	\$ 8,000.0
Mary Rhodes Pipeline PH 1 Segment 1 Unit I nstallation	3,750.0	Raw Water Supply Fund	1,150.0
Corpus Christi Reservoir Operating Sys Infrastructure Improvements	1,250.0		
Weasly Seale Instrumentation Testing and Replacement	3,000.0		
	<u>9,150.0</u>		
Total Projects:	\$ 9,150.0	Total Funding:	\$ 9,150.0

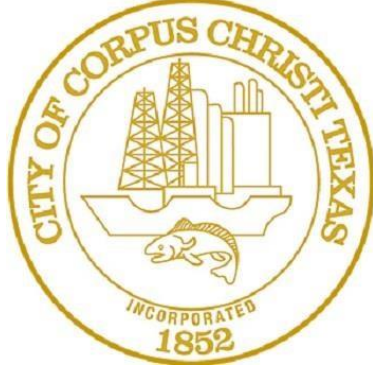
2016 CAPITAL BUDGET
(Amounts in 000's)

PROJECT RECOMMENDATIONS		FUNDING SOURCES	
Water			
Programmed Water Line Service Life Extension	\$ 2,500.0	Revenue Bonds	\$ 47,340.5
Elevated Water Storage Tanks PH2	5,200.0	Water Capital Reserve	\$ 1,500.0
ON Stevens Chemical Facilities (Alum, Fluoride, Polymer, and LAS)	3,770.0		
ONS WTP High Service Building 3	9,500.0		
ONS Clearwell No. 1 Repair	500.0		
ONS Stevenss Raw Water Influent Improvements	4,000.0		
Water Program Management	250.0		
ONS Water Treatment Plant Interim Sludge Mgm't Improvements	1,500.0		
Utility Building Expansion	400.0		
ONS Water Treatment Plant Site Infrastructure Improvements	500.0		
TxDot Water Line Relocation	4400.0		
Developer Utility Participation - Water	100.0		
Water Meter and Automated Meter Reading Improvements	250.0		
Street Utility Relocations	9,470.5		
Nueces River Raw Water Pump Station	\$ 6,500.0		
	<u>Total Projects: \$ 48,840.5</u>		<u>Total Funding: \$ 48,840.5</u>

Waste Water

Whitecap Wastewater Treatment Plant Odor Control, Process and Bulkhead Improvements	480.0	Revenue Bonds	48,387.7
City-Wide Wastewater Lift Station Alternate Power Supply	1,500.0	Wastewater Reserves	
Whitecap Wastewater Treatment Plant UV System Upgrade	4,500.0		
City-Wide Collection System (SSOI)	10,000.0		
Laguna Shores Road Force Main Replacement	2,223.0		
Wastewater Treatment Plants Consolidation	1,500.0		
Oso Water Reclamation Plant Nutrient Removal & Re-rate to 18 MGD	1,500.0		
Laguna Madre WWTP Head Works & Bar Screen Improvements	400.0		
Capacity Assessment Improvements	2,000.0		
Greenwood WWTP Electrical Improvements to UV System	1,450.0		
McBride Lift Station and Force Main Improvements	1,900.0		
Lift Station Repairs - Citywide	2,000.0		
TxDOT Wasterwater Line Relocation	6,850.0		
Allison WWTP Process Upgrade & Replacement	850.0		
Old Broadway Wastewater Plant Decommissioning	4,500.0		
Unanticipated Wastewater Capital Requirements	150.0		
Wetlands Mitigation Bank	50.0		
Homeland Security Improvements	90.0		
Developer Utility Participation	75.0		
Street Utility Relocations	6,369.7		
	<u>Total Projects: 48,387.7</u>		<u>Total Funding: 48,387.7</u>

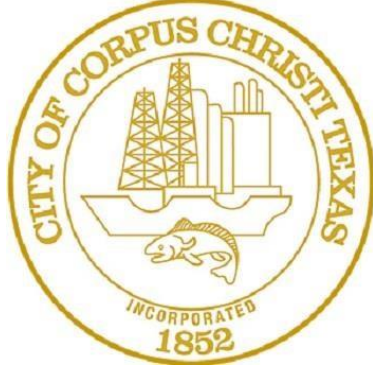
TOTAL CAPITAL BUDGET: \$ 190,587.2





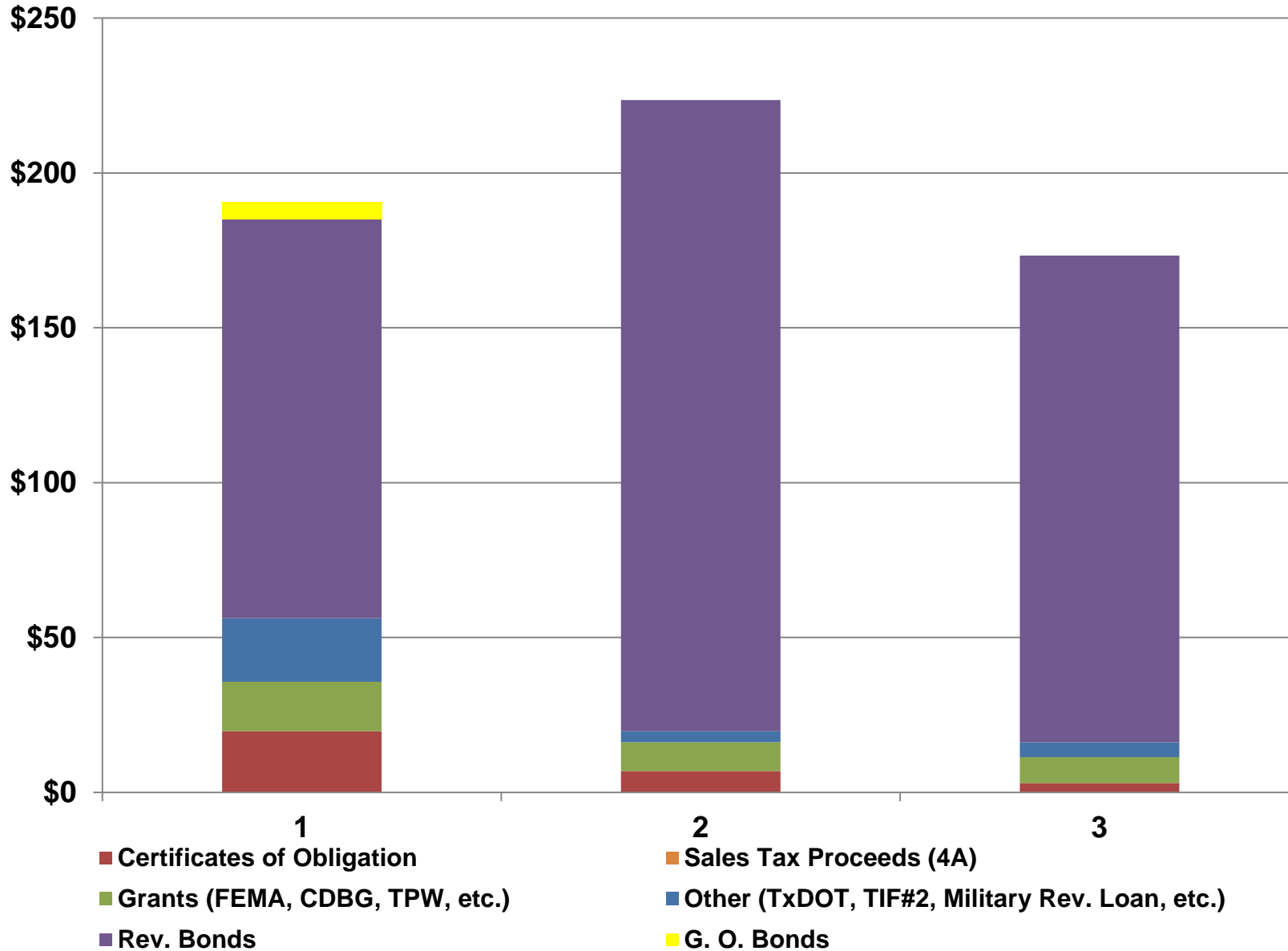
CIP SUMMARY

Obligation to the Future



REVENUES BY TYPE (3 Years)

Millions

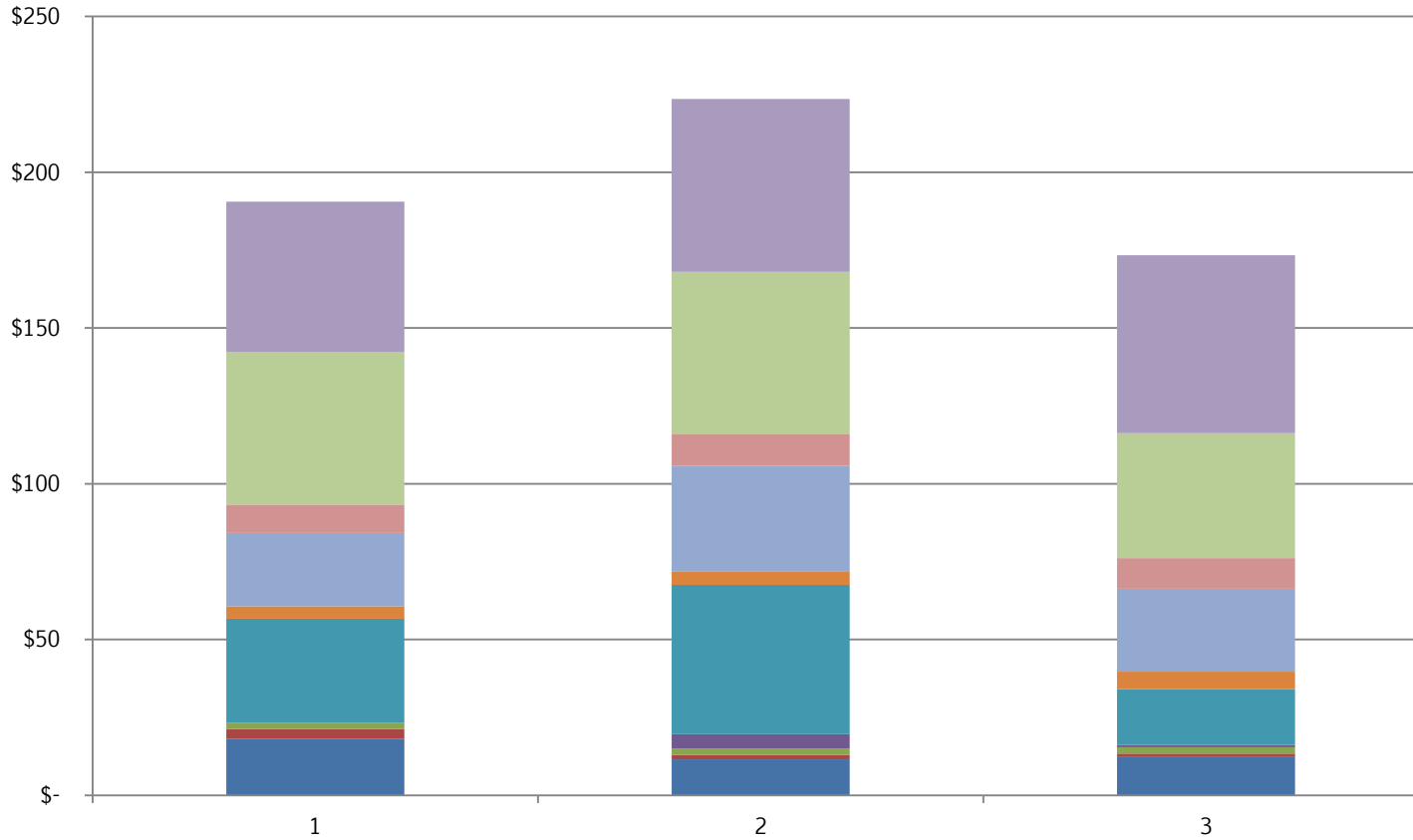


SHORT-RANGE CIP SUMMARY
Funding Sources by Revenue Type
(Amounts in 000's)

Type	Estimated Project-to-Date Funding Sources thru July '15	CIP Budget Year 1 2015-2016	Year 2 2016-2017	Year 3 2017-2018	Three Year Total
CDBG Program					\$ -
Certificates of Obligation	20,245.6	19,730.2	6,877.1	2,988.9	29,596.2
CIP Reserves	708.3	7,038.0	1,891.8	2,818.1	11,747.9
Utility Revenue Bonds	452,346.5	128,736.8	199,414.4	157,109.0	485,260.2
Bond Issue 2004 Proceeds	3,284.2				-
Grant / FAA	47,746.1	15,918.4	9,276.5	8,387.6	33,582.5
Other Funding	6,744.3	1,166.6	195.0	790.0	2,151.6
Nueces County Contribution					-
Tax Increment Financing District	1,358.6	710.0	1,516.2	1,225.0	3,451.2
Donations					-
Tax Notes	6,719.2				-
Texas Parks and Wildlife Department Grant					-
Texas General Land Office	1,200.0	2,500.0			2,500.0
Military Revolving Loan					-
Texas Water Development Board	7,964.1				-
Sales Tax Proceeds (4A)	14,117.0				-
Bond 2012	86,459.6				-
Bond Issue 2008 Proceeds	9,349.0	5,600.0			5,600.0
Bond 2014	88,091.0				-
Community Enrichment Fund					-
Texas Department of Transportation	1,268.0	9,187.2			9,187.2
Future Bond Issue			4,335.7		4,335.7
Regional Transportation Authority	771.0				-
	\$ 748,372.5	\$ 190,587.2	\$ 223,506.7	\$ 173,318.6	\$ 587,412.5

PROGRAM EXPENDITURES (3 Years)

Millions



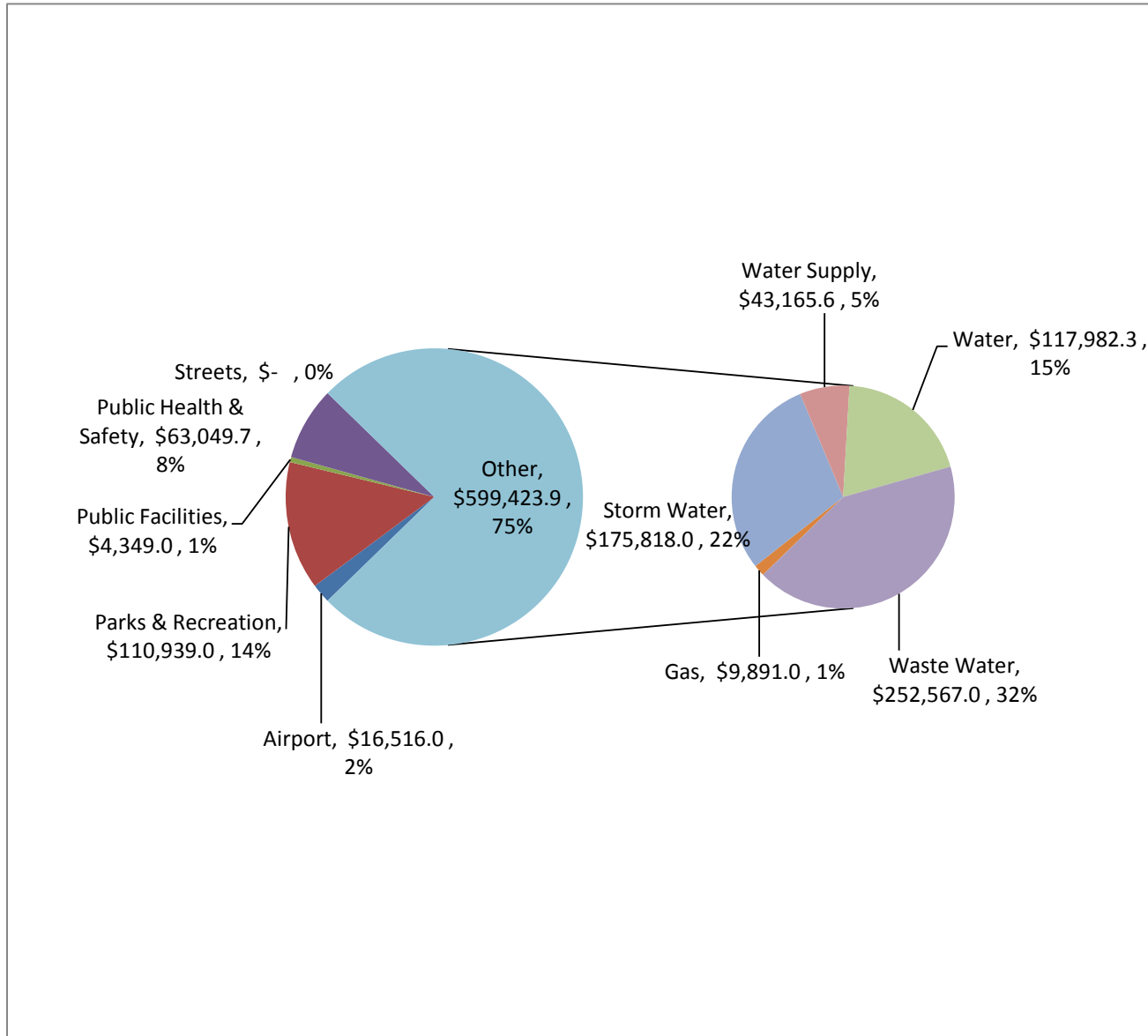
- Airport
- Parks & Recreation
- Public Facilities
- Public Health & Safety
- Streets
- Gas
- Storm Water
- Water Supply
- Water
- Waste Water

SHORT-RANGE CIP SUMMARY
Expenditures by Program/Project
(Amounts in 000's)

Program / Project	Project Budget as of July '15.	CIP Budget Year 1 2015-2016	Year 2 2016-2017	Year 3 2017-2018	Three Year Total
Airport	\$ 58,607.10	\$ 18,055.20	\$ 11,482.20	\$ 12,194.6	\$ 41,732.00
Parks & Recreation	28,691.2	3,210.0	1,516.2	1,225.0	5,951.2
Public Facilities					
Streets & Solid Waste Admin Building Roof	300.0				-
Signs/Signals - New shop & Offices	2,500.0				-
Animal Control Improvements					-
Fleet Maint Equip Shop					-
Museum Roof/S TX Art Museum, Barge	1,600.0				-
Various Library Roofs	339.9				-
Energy Efficiency Retrofits of City Facilities					-
Comprehensive Facilities Master Plan					-
Comprehensive Facilities Improvements	-	2,000.0	2,000.0	2,000.0	6,000.0
subtotal	4,739.9	2,000.0	2,000.0	2,000.0	6,000.0
Public Health & Safety					
Public Safety Warehouse for Fire and Police					-
Relocation of Fire Station #5					-
New Fire Station in the Area of Holly/Saratoga	1,851.4				-
Barge Dock Improvements	6,546.7				-
Other	19,584.0	-	4,638.2	750.0	5,388.2
subtotal	27,982.1	-	4,638.2	750.0	5,388.2
Streets (less Utility Support)					
Street Improvements	228,040.7	65,821.6	45,968.5	17,744.7	129,534.8
ADA Specific Improvements	5,700.0	162.4	1,950.0	162.4	2,274.8
subtotal (includes Utility Support)	233,740.7	65,984.0	47,918.5	17,907.1	131,809.6
Less Utility Support		(32,548.8)			(32,548.8)
subtotal	233,740.7	33,435.2	47,918.5	17,907.1	99,260.8
Utilities (with Street Utility Relocations)					
Gas	11,407.7	3,980.3	4,315.4	5,559.0	13,854.7
Storm Water	58,732.2	23,528.3	33,858.3	26,700.8	84,087.4
Water Supply	177,615.8	9,150.0	10,061.3	9,781.3	28,992.6
Water	56,624.7	48,840.5	52,253.2	40,088.5	141,182.2
Waste Water	90,231.1	48,387.7	55,463.4	57,112.3	160,963.4
subtotal	394,611.5	133,886.8	155,951.6	139,241.9	429,080.3
TOTAL:	\$ 748,372.5	\$ 190,587.2	\$ 223,506.7	\$ 173,318.6	\$ 587,412.5

Combined Summary Long-Range CIP by Program (Amounts in 000's)

Program	FY 2019 AND BEYOND	%
Airport	\$ 16,516.0	2%
Parks & Recreation	\$ 110,939.0	14%
Public Facilities	\$ 4,349.0	1%
Public Health & Safety	\$ 63,049.7	8%
Streets (utilities incl.)	N.A.V.	
Gas	\$ 9,891.0	1%
Storm Water	\$ 175,818.0	22%
Water Supply	\$ 43,165.6	5%
Water	\$ 117,982.3	15%
Waste Water	\$ 252,567.0	32%
TOTAL:	\$ 794,277.6	100%



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.

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.

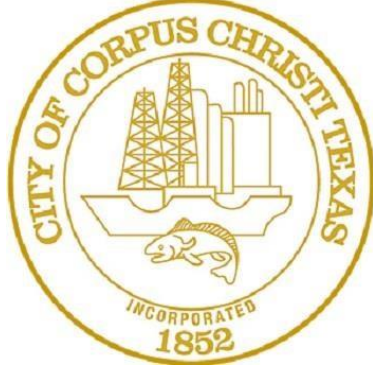
STATE REVOLVING FUND LOAN - proceeds received from a State of Texas program that provides funding for specific wastewater utility projects. SRF loans usually have more favorable terms and interest rates than conventional funding sources.

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.





UTILITY RATES

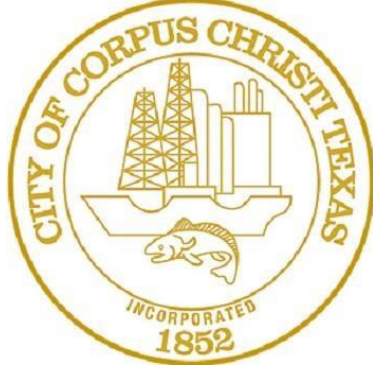
Obligation to the Future

	2016	2017
Average ICL Res Water Rate @ 3,000 gallons (Water rate per gallons on following page)	\$21.19	\$21.19
Average Wastewater Rate @ 3,000 gallons	\$38.86	\$38.86
Average Gas Rate @ 3,000 gallons	\$17.46	\$17.46

INSIDE-CITY

Residential

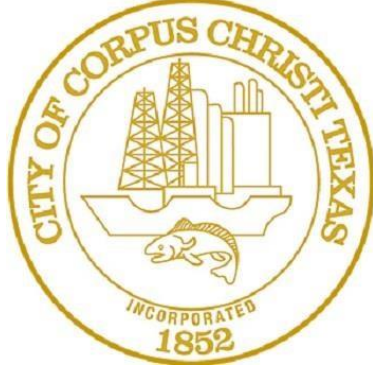
	2016	2017
MIN	\$14.12	\$14.12
3,000 gals/mo	\$21.19	\$21.19
4,000 gals/mo	\$28.25	\$28.25
5,000 gals/mo	\$35.31	\$35.31
6,000 gals/mo	\$42.37	\$42.37
10,000 gals/mo	\$74.26	\$74.26
12,000 gals/mo	\$90.21	\$90.21
15,000 gals/mo	\$115.24	\$115.24
20,000 gals/mo	\$153.17	\$153.17
35,000 gals/mo	\$266.99	\$266.99
45,000 gals/mo	\$342.86	\$342.86

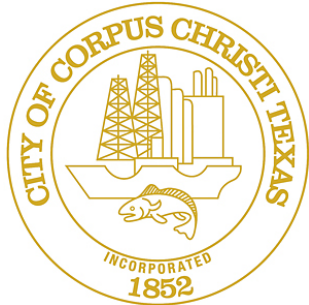




AIRPORT

Obligation to the Future





CITY OF CORPUS CHRISTI AIRPORT PROGRAM

The 2005 Master Plan Update for Corpus Christi International Airport (CCIA) establishes a program for the improvement of existing facilities and the development of additional facilities over the next twenty (20) years. The Plan outlines projects for development of the Airport and ensures available assets will meet projected needs and customer demands. In accordance with the Plan, the Fiscal Year 2015–2016 Airport Capital Improvement program reflects a comprehensive evaluation of Airport needs, resulting in a clear and realistic 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 2015-16 Airport Capital Improvement Program is highlighted by the anticipated completion of Phase II of the Runway Safety Project – Runway 13-31 Extension / Displacement Project. This is the second of two projects that addressed runway safety issues. The issues stemmed from runway incursions occurring at the approaches of Runway 31 and 36. Phase I, the Runway 18-36 (formerly 17-35) Safety Mitigation Project was completed in FY 13-14. Both projects included the relocation of all navigational aids, lighting, and signage. The existing surfaces of Runway 18-36 and 13-31 are rehabilitated with an application of cold-tar emulsion seal coat and marked with new taxiway configuration and connectors. In addition, construction will include reconfiguration of taxiways and extension of the North General Aviation Apron. Another major highlight is the rehabilitation of International Drive which includes full depth repairs of pavement base failure, installation of concrete edging, storm water and signage improvements. The details of this project are shown in the Fiscal Year 2016 Street Capital Improvement Program section.

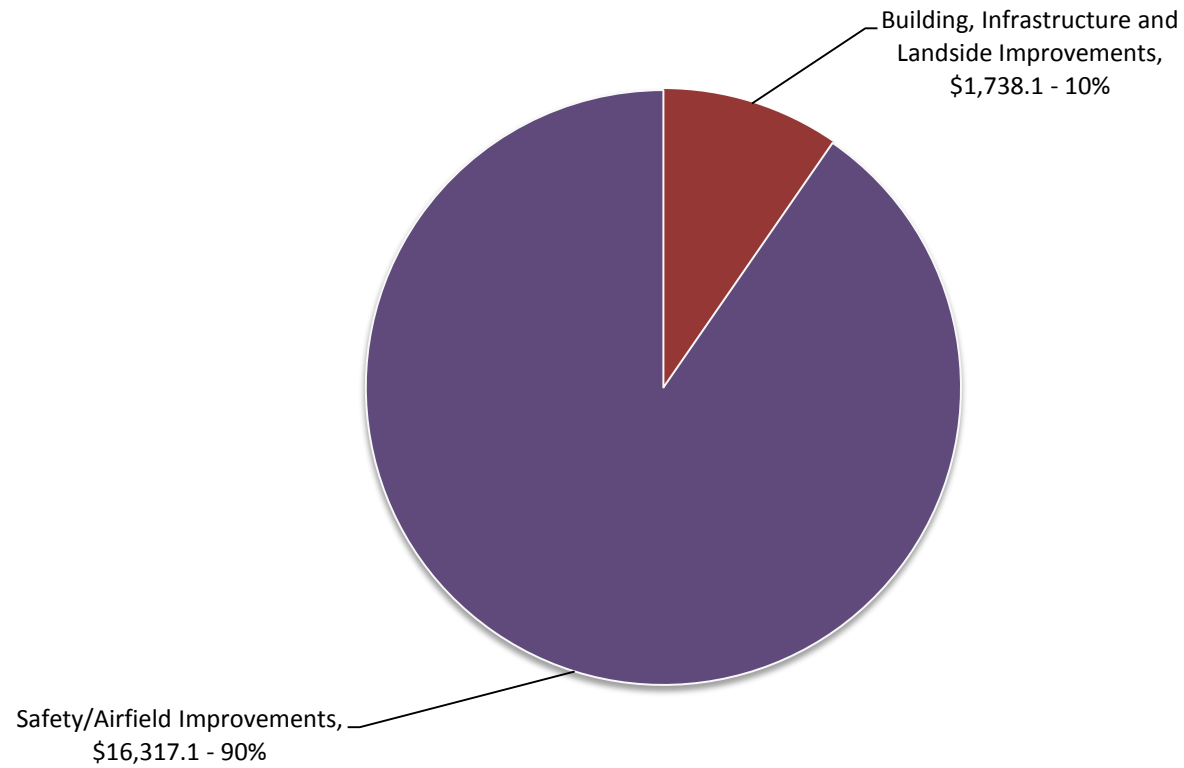
Years 2 and 3 of the Airport Short-Range Capital Improvement Plan include projects that improve airport facility infrastructure. Among the projects is the complete replacement of perimeter fencing around CCIA's Airport Operation Area. Also proposed are parking lot improvements, construction of a fuel farm for General Aviation (GA) customers, rehabilitation of select terminal areas and replacement of an Aircraft Rescue Fire Fighting (ARFF) vehicle. Airport staff continues negotiations for several business development options including the construction and operation of individualized T-Hangars and other revenue generating ventures.

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 2015 – 2016	YEAR TWO 2016 – 2017	YEAR THREE 2017-2018
TOTAL PROGRAMMED EXPENDITURES:	\$ 18,055,200	\$ 11,482,200	\$ 12,194,600
FUNDING:			
Certificates of Obligation (Issued	\$ 1,342,200	\$ 238,900	\$ 238,900
Airport Operating Fund Reserve	\$ 778,000	\$ 1,891,800	\$ 2,818,100
FAA Grant	\$ 15,918,400	\$ 9,276,500	\$ 8,387,600
CFC	\$ 16,600	\$ 75,000	\$ 750,000
TOTAL PROGRAMMED FUNDS:	\$ 18,055,200	\$ 11,482,200	\$ 12,194,600

Airport
Annual CIP: \$18, 055.2
(Amounts in 000's)



Seq #	Project Name	Project-to-Date Obligations February 2015	Unspent Prior Budget as of March 2015	CIP Budget Year 1 2015 - 2016	Year 2 2016 - 2017	Year 3 2017 - 2018	Three Year Total
AV01	Quick Turn Around Rental Car Facility Finance and Engineering Number: 10030	6,000.0	-	16.6	-	-	16.6
AV02	Runway 17-35 Safety Mitigation Finance and Engineering Number: E11046	16,522.6	621.1	322.5	-	-	322.5
AV03	Rehabilitate North General Aviation (NGA)Apron Finance and Engineering Number: E11122	1,206.3	3.3	-	-	-	-
AV04	Pinson Drainage Finance and Engineering Number: E11123	415.9	-	24.0	-	-	24.0
AV05	Runway 13-31 Extension Safety Mitigation Finance and Engineering Number: E11047/E11046	8,631.8	16,252.0	6,690.7	2,362.6	-	9,053.3
AV06	Taxiway Reconfiguration Finance and Engineering Number: E11048	3,332.1	2,181.0	3,443.3	-	-	3,443.3
AV07	North General Aviation (GA) Apron Extension Finance and Engineering Number: E12156B	566.6	2,762.4	316.4	-	-	316.4
AV08	CCIA Air Operations Area (AOA) Perimeter Fence Replacement Finance and Engineering Number: TBD	-	-	7,006.7	-	-	7,006.7
AV09	Rehabilitate East General Aviation (EGA) Apron Finance and Engineering Number: E12156	112.0	-	160.0	2,389.0	2,389.0	4,938.0
AV10	Reconstruct Air Carrier Ramp Finance and Engineering Number: TBD	-	-	-	5,555.6	5,555.6	11,111.1

Seq #	Project Name	Project-to-Date Obligations February 2015	Unspent Prior Budget as of March 2015	CIP Budget Year 1 2015 - 2016	Year 2 2016 - 2017	Year 3 2017 - 2018	Three Year Total
AV11	Aircraft Rescue Fire Fighting (ARFF) Equipment Finance Number: TBD	-	-	-	-	750.0	750.0
AV12	Airport Fuel Farm Finance and Engineering Number: TBD	-	-	75.0	425.0	-	500.0
AV13	Parking Lot Improvements Finance and Engineering Number: TBD	-	-	-	675.0	1,500.0	2,175.0
AV14	Car Rental Ready Return Parking Lot Finance and Engineering Number: TDB	-	-	-	75.0	750.0	825.0
AV15	Master Plan Finance and Engineering Number: TBD	-	-	-	-	625.0	625.0
AV16	Reconstruction of Glasson Road Finance and Engineering Number: TBD	-	-	-	-	625.0	625.0

Program Total:	36,787.3	21,819.8	18,055.2	11,482.2	12,194.6	41,731.9
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Seq #	Project Name	Project-to-Date Obligations February 2015	Unspent Prior Budget as of March 2015	CIP Budget Year 1 2015 - 2016	Year 2 2016 - 2017	Year 3 2017 - 2018	Three Year Total
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CURRENTLY AVAILABLE FUNDING:

	Certificates of Obligation	8,167.9	1,964.0	1,342.2	238.9	238.9	1,820.0
	Airport Fund Reserves	427.0	218.1	778.0	1,891.8	2,818.1	5,487.9
	FAA Grants	27,708.4	19,637.7	15,918.4	9,276.4	8,387.6	33,582.4
	Customer Facility Charge (CFC)	484.0	-	16.6	75.0	750.0	841.6

Total Currently Available:	36,787.3	21,819.8	18,055.2	11,482.2	12,194.6	41,731.9
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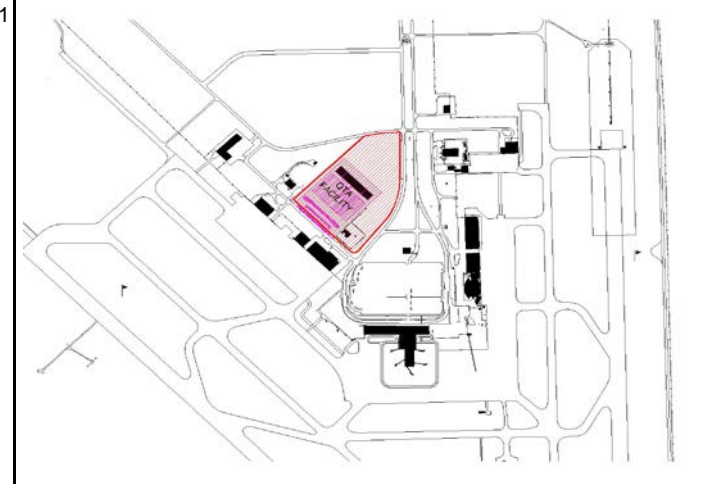
DEPARTMENT: Aviation

AV01

PROJECT TITLE: Quick Turn Around Rental Car Facility

DESCRIPTION:

The new Quick Turn Around Facility (QTA) will be a LEED Certified Building consolidating the rental car maintenance and storage operations commonly known as a QTA. The new facility will allow the fueling, cleaning (wash and vacuum), maintenance (light maintenance) and storage of fleet rental car vehicles that service the Airport. Demolition of the existing building, drainage improvements, lighting, asphalt pavement, CCTV, Access Control, and all associated fiber infrastructure are included in the project.



FUNDING SCHEDULE (Amounts in 000's)

Use of Funds	Project to Date Obligations April 2015	Unspent Prior Budget as of May 2015	CIP Budget Year 1 2015 - 2016	Year 2 2016 - 2017	Year 3 2017 - 2018	Three Year Total	Project Notes
Design & Engineering	453.0					-	Engineering Project No: 10030
Construction	5,234.0					-	Finance Project No: 101084
Contingency						-	
Inspection/Other	313.0		16.6			16.6	A/E Consultant: PGAL
TOTAL:	6,000.0	-	16.6	-	-	16.6	Contractor: BARCOM
Source of Funds							Award Design: May '10
Certificates of Obligation	5,516.0					-	Award Construction: January '11
Airport Fund Reserves							
FAA Grant							
Customer Facility Charge (CFC)	484.0	-	16.6	-	-	16.6	Anticipated Completion: December '15
TOTAL:	6,000.0	-	16.6	-	-	16.6	Total Project Value: \$6,016,600

OPERATIONAL IMPACT:

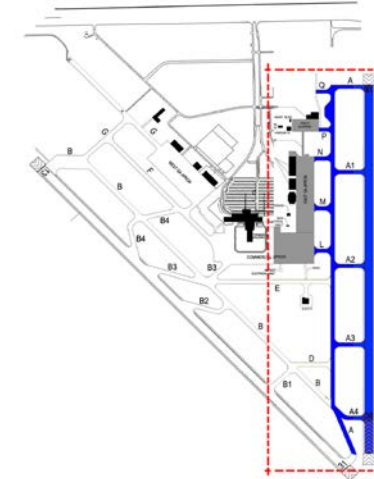
The operational impact should be covered with CFC revenues and not impact the Airport Operating Fund.

DEPARTMENT: Aviation AV02

PROJECT TITLE: Runway 17-35 Extension Safety Mitigation

DESCRIPTION:

The project will shift Runway 17 by 600 feet to the north, displace the threshold of Runway 35 by 600 feet to the north and reconfiguring the connecting taxiways accessing Runway 17-35 from Taxiway Alpha and the terminal apron parking. Project also includes the relocation of all navigational aids, lighting and signage. The existing surfaces of Runways 17-35 will be rehabilitated via cold - tar application and marked accordingly. This project includes an Environmental Assessment, AGIS, Topo Survey, Land Acquisition/ Navigational Easement, PDRA, FAA - Memorandum of Agreement.



FUNDING SCHEDULE (Amounts in 000's)

Use of Funds	Project to Date Obligations April 2015	Unspent Prior Budget as of May 2015	CIP Budget Year 1 2015 - 2016	Year 2 2016 - 2017	Year 3 2017 - 2018	Three Year Total	Project Notes
Design & Engineering	1,016.1	3.3				-	Engineering Project No: E11046 Finance Project No: G47E11046 G49E11046,G49E11046A,G49E11046B A/E Consultant: KSA Engineers Contractor: Bay Ltd. Award Design: May '11 Award Construction: October '12 Anticipated Completion: December '15 Total Project Value: \$17,466,200
Construction	14,310.1	321.9	322.5	-	-	322.5	
Contingency						-	
Inspection/Other	1,196.4	295.9				-	
TOTAL:	16,522.6	621.1	322.5	-	-	322.5	
Source of Funds							
Certificates of Obligation	1,600.2	62.2	32.3			32.3	
Airport Fund Reserves	52.1					-	
FAA Grant	14,870.3	558.9	290.2			290.2	
TOTAL:	16,522.6	621.1	322.5	-	-	322.5	

OPERATIONAL IMPACT:

Projected operational impact of additional \$10,000 for additional runway maintenance [sweeping, rubber removal, painting]. * Multi Year Grant - Grt 49- \$14.739 Grt 50 \$840K (18-36NAVAIDS)

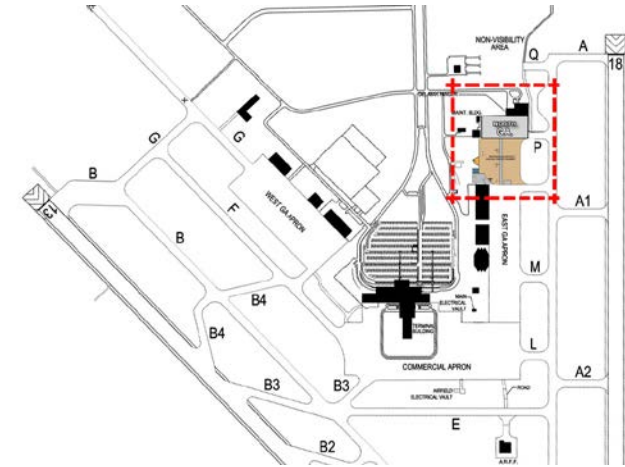
DEPARTMENT: Aviation

AV03

PROJECT TITLE: Rehabilitate North General Aviation (NGA) Apron

DESCRIPTION:

Rehabilitate North GA Apron to include the removal of existing asphaltic pavement and replace with reinforced concrete, aircraft tie-downs, striping and upgrades of apron lighting. The existing apron has shown signs of deterioration and base failures and is in need of replacement. The NGA apron is essential for maintaining service to GA Aircraft.



FUNDING SCHEDULE (Amounts in 000's)

Use of Funds	Project to Date Obligations April 2015	Unspent Prior Budget as of May 2015	CIP Budget Year 1 2015 - 2016	Year 2 2016 - 2017	Year 3 2017 - 2018	Three Year Total	Project Notes
Design & Engineering	49.0					-	Engineering Project No: E11122 Finance Project No: G49E11122 A/E Consultant: KSA Eng. Contractor: Bay Ltd. Award Design: January '12 Award Construction: October '12 Anticipated Completion: December '15 Total Project Value: \$1,209,600
Construction	1,059.4	3.3				-	
Contingency						-	
Inspection/Other	97.9					-	
TOTAL:	1,206.3	3.3	-	-	-	-	
Source of Funds							
Certificates of Obligation	120.6	0.4				-	
Airport Fund Reserves							
FAA Grant	1,085.7	2.9				-	
TOTAL:	1,206.3	3.3	-	-	-	-	

OPERATIONAL IMPACT:

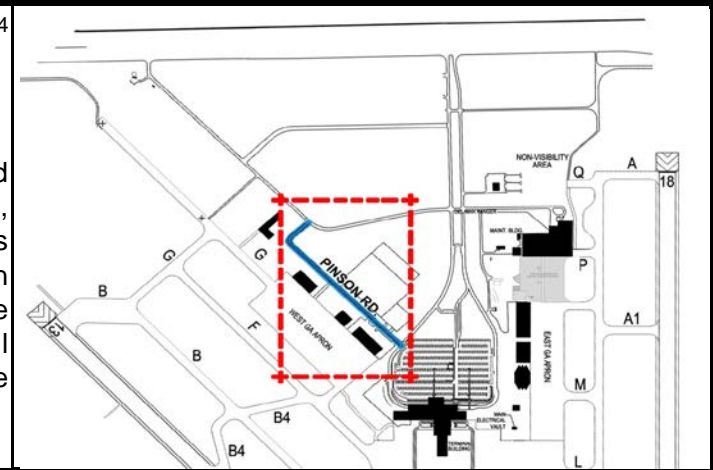
Relocation of tenant based aircraft and temporary decrease in revenue.

DEPARTMENT: Aviation AV04

PROJECT TITLE: Pinson Drainage

DESCRIPTION:

Improvements to landside drainage are required to eliminate standing water adjacent to Pinson Drive and Glasson. Pinson Drive and Glasson connect to International Drive and serve as an alternate route to tenants, cargo deliveries and employees located on the western side of the Airport. The Airport Drainage Study has identified corrective measures to these areas for improvements. Localized corrective measures have been completed in other phases of airport drainage improvements. However, additional work is required to continue to correct existing drainage problems and meet the 25-year storm water event requirement. Improvements will include curb and gutter, drainage, landscaping, signage, and installation of lighting. Construction will take place at a later date subject to funding.



FUNDING SCHEDULE (Amounts in 000's)

Use of Funds	Project to Date Obligations April 2015	Unspent Prior Budget as of May 2015	CIP Budget Year 1 2015 - 2016	Year 2 2016 - 2017	Year 3 2017 - 2018	Three Year Total	Project Notes
Design & Engineering						-	Engineering Project No: E11123 Finance Project No: G47E1123 G49E11123 A/E Consultant: KSA Eng. Contractor: Bay Ltd. Award Design: January '12 Award Construction: October '12 Anticipated Completion: December '15 Total Project Value: \$439,900.
Construction	388.7		24.0	-	-	24.0	
Contingency							
Inspection/Other	27.2						
TOTAL:	415.9	-	24.0	-	-	24.0	
Source of Funds							
Airport Fund Reserves	41.6		2.4	-	-	2.4	
FAA Grant	374.3		21.60	-	-	21.6	
TOTAL:	415.9	-	24.0	-	-	24.0	

OPERATIONAL IMPACT:

There is no projected operational impact with this project due to existing area improvements only. The space foot print is not increasing in size.

349.5 Grant 49 21.7 Grant 47

DEPARTMENT: **Aviation**

AV05

PROJECT TITLE: Runway 13-31 Extension Safety Mitigation

DESCRIPTION: This project consists of extending Runway 13 by 1,000 ft to the north and displace Runway 31 by 1,000 ft and associated new connecting taxiways; reconfigure the connecting taxiways accessing Runway 13-31 from Taxiway Bravo and the terminal apron parking. Project includes the 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. The existing surface of Runway 13-31 will be rehabilitated via cold- tar application and marked accordingly. This project includes an Environmental Assessment, AGIS, Topo Survey, Land Acquisition/Navigational Easement, PDRA, FAA-Memorandum of Agreement.



FUNDING SCHEDULE (Amounts in 000's)

Use of Funds	Project to Date Obligations April 2015	Unspent Prior Budget as of May 2015	CIP Budget Year 1 2015 - 2016	Year 2 2016 - 2017	Year 3 2017 - 2018	Three Year Total	Project Notes
Design & Engineering	1,251.0	40.3				-	Engineering Project No: E11046 Finance Project No: G50E11047, G51E11047 & G52E11047 A/E Consultant: KSA Engineers Contractor: Bay Ltd. Award Design: May '11 Award Construction: May '14 Anticipated Completion: June '16 Total Project Value: \$33,937,100
Construction	7,126.6	15,547.2	5,031.2	2,362.6		7,393.8	
Contingency						-	
Inspection/Other	254.2	664.5	1,659.5			1,659.5	
TOTAL:	8,631.8	16,252.0	6,690.7	2,362.6	-	9,053.3	
Source of Funds							
Certificates of Obligation	863.2	1,625.2	669.1			669.1	
Airport Fund Reserves				236.3		236.3	
FAA Grant	7,768.6	14,626.8	6,021.6	2,126.3		8,147.9	
TOTAL:	8,631.8	16,252.0	6,690.7	2,362.6	-	9,053.3	

OPERATIONAL IMPACT:

Projected operational impact of additional \$10,000 for additional runway maintenance. * Multi Year Grant - Grt 47- \$885.40 - Multi-Year Grt 50 \$23,277.50: Year 2 Amendment 2 \$2,126.30: Grant 52 \$1,537.80 - Grant 51 \$1,901.60

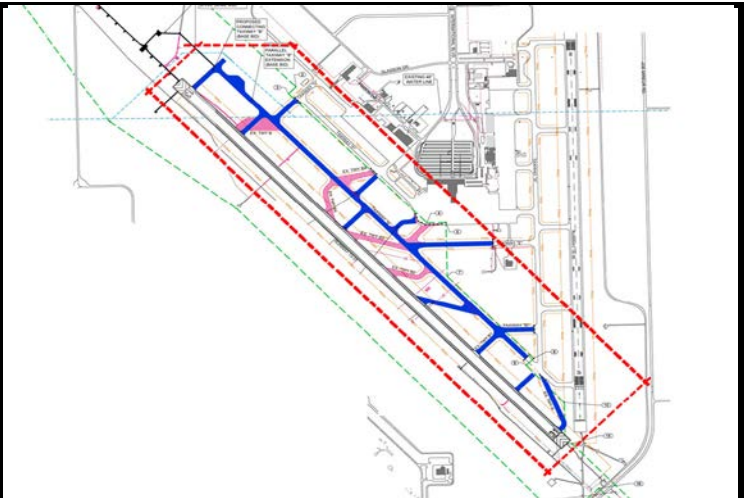
DEPARTMENT: Aviation

AV06

PROJECT TITLE: Taxiway Reconfiguration

DESCRIPTION:

In 2012, a Taxiway Utilization Study was conducted which evaluated the operational effects of Taxiing, nesting of taxiway intersections and queuing of aircraft on the Taxiway Movement Areas. The study addressed the safety of operations on the airfield. Taxiway access to either Runways will optimize the aircrafts' alignment to runway at 90 degrees. A new Taxiway numbering scheme will provide better situational awareness, reduce confusion, and assurance to the air traffic controller of exact aircraft location. This project will consist of construction of new Twy pavement with fillets, transitions and paved shoulders, removal of pavement, drainage, grading, LED lighting, Coal-Tar Seal, Signage and Markings. Due to the complexity and magnitude of the taxiway system this project will be constructed in phases.



FUNDING SCHEDULE (Amounts in 000's)

Use of Funds	Project to Date Obligations April 2015	Unspent Prior Budget as of May 2015	CIP Budget Year 1 2015 - 2016	Year 2 2016 - 2017	Year 3 2017 - 2018	Three Year Total	Project Notes
Design & Engineering	210.0					-	Engineering Project No: E11048 Finance Project No: G47E11048 G51E11048 G52E11048 A/E Consultant: KSA Engineers Contractor: Bay Ltd. Award Design: November '14 Award Construction: July '14 Anticipated Completion: June '16 Total Project Value: \$8,956,400
Construction	2,816.6	1,525.8	2,395.3			2,395.3	
Contingency			598.0			598.0	
Inspection/Other	305.5	655.2	450.0			450.0	
TOTAL:	3,332.1	2,181.0	3,443.3	-	-	3,443.3	
Source of Funds							
Certificates of Obligation			344.4	-		344.4	
Airport Fund Reserves	333.3	218.1				-	
FAA Grant	2,998.8	1,962.9	3,098.9			3,098.9	
TOTAL:	3,332.1	2,181.0	3,443.3	-	-	3,443.3	

OPERATIONAL IMPACT:

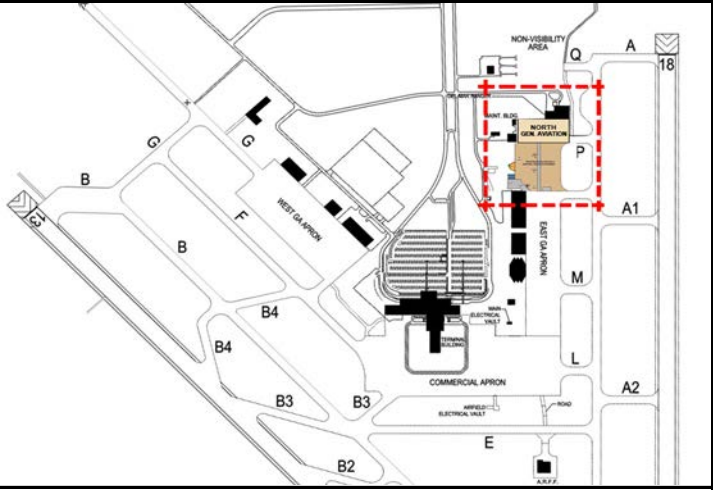
Project funded from Grant 51. Anticipated Operational savings due to installation of LED Lighting (Will quantify after 1st year of operations.)

DEPARTMENT: Aviation AV07

PROJECT TITLE: North General Aviation (GA) Apron Extension

DESCRIPTION:

To extend from the North Apron south to the East GA Apron. Placement of reinforced concrete, aircraft tie-downs, striping, upgrade of apron lighting. The apron is essential for maintaining service to General Aviation. This will include construction of a new wash-rack and installation of an oil and water separator.



FUNDING SCHEDULE (Amounts in 000's)

Use of Funds	Project to Date Obligations April 2015	Unspent Prior Budget as of May 2015	CIP Budget Year 1 2015 - 2016	Year 2 2016 - 2017	Year 3 2017 - 2018	Three Year Total	Project Notes
Design & Engineering	165.0					-	Engineering Project No: E12156B Finance Project No: G50E12156B A/E Consultant: KSA Eng. Contractor: Bay Ltd. Award Design: January '13 Award Construction: July '14 Anticipated Completion: December '15 Total Project Value: \$3,645,400
Construction	360.5	2,477.6	280.4			280.4	
Contingency						-	
Inspection/Other	41.1	284.8	36.0			36.0	
TOTAL:	566.6	2,762.4	316.4	-	-	316.4	
Source of Funds							
Certificate of Obligation	56.7	276.2	280.4	-	-	280.4	
Airport Fund Reserves							
FAA Grant	509.9	2,486.2	36.0	-	-	36.0	
TOTAL:	566.6	2,762.4	316.4	-	-	316.4	

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.

DEPARTMENT: Aviation

AV08

PROJECT TITLE: CCIA Air Operations Area (AOA) Perimeter Fence Replacement

DESCRIPTION:

This project will design and replace approximately nine (9) miles of existing 6' airfield perimeter fence with an 8' fence and install a concrete apron under the fence. The existing fence is showing signs of environmental damage (rust and broken barbed wire strands); the fence has been cut in several places by attempted intruders, and has been hit by vehicles in various locations around the perimeter.

This

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



FUNDING SCHEDULE (Amounts in 000's)

Use of Funds	Project to Date Obligations April 2015	Unspent Prior Budget as of May 2015	CIP Budget Year 1 2015 - 2016	Year 2 2016 - 2017	Year 3 2017 - 2018	Three Year Total	Project Notes
Design & Engineering			606.7	-	-	606.7	Engineering Project No: TBD
Construction			6,400.0	-	-	6,400.0	Finance Project No: TBD
Contingency							A/E Consultant: TBD
Inspection/Other							Contractor: TBD
TOTAL:	-	-	7,006.7	-	-	7,006.7	
Source of Funds							Award Design: TBD
Certificate of Obligation			700.6	-	-	700.6	Award Construction: TBD
Airport Fund Reserves			6,306.1	-	-	6,306.1	Anticipated Completion: TBD
FAA Grant							
TOTAL:	-	-	7,006.7	-	-	7,006.7	Total Project Value: \$7,006,700

OPERATIONAL IMPACT: Not Applicable

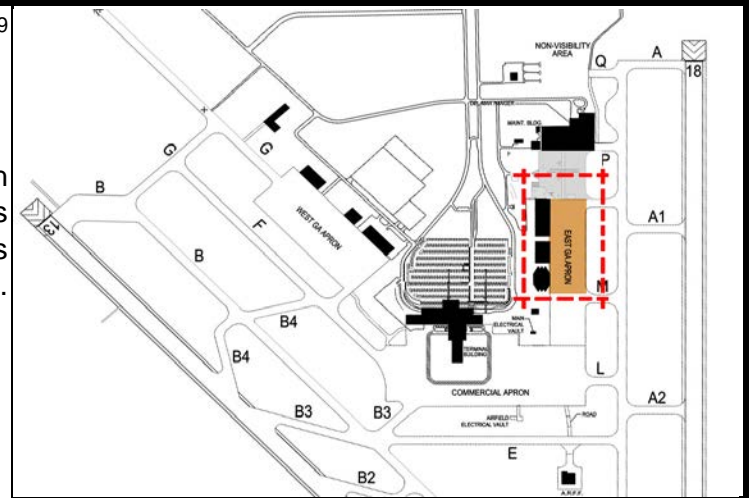
DEPARTMENT: Aviation

AV09

PROJECT TITLE: Rehabilitate East General Aviation (EGA) Apron

DESCRIPTION:

Rehabilitate East and Apron to include the removal of existing asphalt pavement and replace with reinforced concrete, aircraft tie-downs, striping and upgrades of apron lighting. The existing apron has shown signs of deterioration and base failures and is in need of replacement. The East and North aprons serve Signature Flight Support FBO (East FBO) and are essential for maintaining service to GA Aircraft. The project will be phased accordingly due to funding.



FUNDING SCHEDULE (Amounts in 000's)

Use of Funds	Project to Date Obligations April 2015	Unspent Prior Budget as of May 2015	CIP Budget Year 1 2015 - 2016	Year 2 2016 - 2017	Year 3 2017 - 2018	Three Year Total	Project Notes
Design & Engineering	112.0		160.0	110.0	110.0	380.0	Engineering Project No: E12156 Finance Project No: G50E12156 A/E Consultant: KSA Eng. Contractor: TBD Award Design: TBD Award Construction: TBD Anticipated Completion: TBD Total Project Value:
Construction				2,104.0	2,104.0	4,208.0	
Contingency						-	
Inspection/Other				175.0	175.0	350.0	
TOTAL:	112.0	-	160.0	2,389.0	2,389.0	4,938.0	
Source of Funds							
Certificate of Obligation	11.2		16.0	238.9	238.9	493.8	
Airport Fund Reserves						-	
FAA Grant	100.8		144.0	2,150.1	2,150.1	4,444.2	
TOTAL:	112.0	-	160.0	2,389.0	2,389.0	4,938.0	

OPERATIONAL IMPACT:

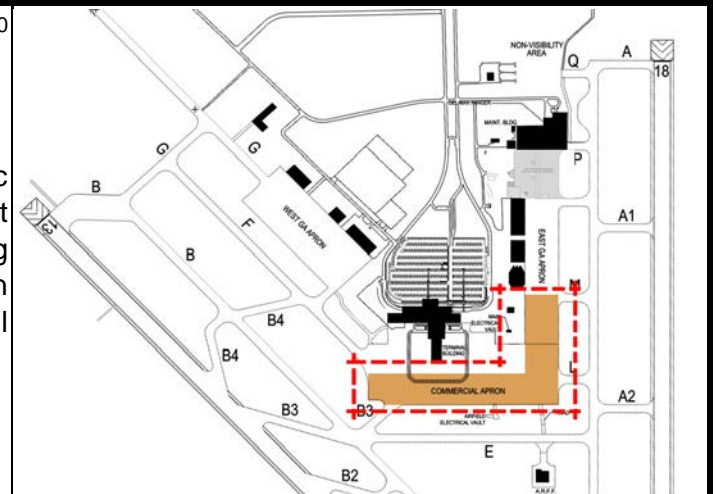
There is no projected operational impact with this project due to existing area improvements only. The space footprint is not increasing in size.

DEPARTMENT: Aviation AV10

PROJECT TITLE: Reconstruct Air Carrier Ramp

DESCRIPTION:

Air Carrier Apron area consists of approximately 45,000 square yards of cement and 44,000 sq. ft. asphaltic concrete. This project will include a pavement assessment and the removal of existing asphaltic pavement and replace with reinforced concrete, rehabilitate areas of base failure. The asphaltic pavement is showing signs of distress with minor longitudinal/transverse cracking and some rutting as well as other deterioration from oxidation and normal wear. Rehabilitating the pavement will correct current deficiencies and insure full operation capabilities over the long term.



FUNDING SCHEDULE (Amounts in 000's)

Use of Funds	Project to Date Obligations April 2015	Unspent Prior Budget as of May 2015	CIP Budget Year 1 2015 - 2016	Year 2 2016 - 2017	Year 3 2017 - 2018	Three Year Total	Project Notes
Design & Engineering				5,555.6	-	5,555.6	Engineering Project No: TBD
Construction				-	5,555.6	5,555.6	Finance Project No: TBD
Contingency							A/E Consultant: TBD
Inspection/Other							Contractor: TBD
TOTAL:	-	-	-	5,555.6	5,555.6	11,111.1	Award Design: TBD
Source of Funds							Award Construction: TBD
Airport Fund Reserves				555.6	555.6	1,111.1	Anticipated Completion: TBD
FAA Grant				5,000.0	5,000.0	10,000.0	
TOTAL:	-	-	-	5,555.6	5,555.6	11,111.1	Total Project Value: \$11,111,100

OPERATIONAL IMPACT: Not Applicable

DEPARTMENT: Aviation

AV11

PROJECT TITLE: Aircraft Rescue Fire Fighting (ARFF) Equipment

DESCRIPTION:

A new ARFF Vehicle will replace the Aircraft Rescue Firefighting (ARFF) Model T1500 Vehicle purchased in 1989 that is over 17 years old. The water tank capacity in the new ARFF Vehicle is 1,585 gallons, foam tank capacity is 205 gallons and dry chemical system is 700 lbs. The replacement of this vehicle is essential in order for CCIA to maintain its current index for Aircraft Rescue and Firefighting Response capability.



FUNDING SCHEDULE (Amounts in 000's)

Use of Funds	Project to Date Obligations April 2015	Unspent Prior Budget as of May 2015	CIP Budget Year 1 2015 - 2016	Year 2 2016 - 2017	Year 3 2017 - 2018	Three Year Total	Project Notes
Design & Engineering							Engineering Project No: TBD
Construction							Finance Project No: TBD
Contingency/Procurement					750.0	750.0	A/E Consultant: TBD
Inspection/Other							
TOTAL:	-	-	-	-	750.0	750.0	Contractor: TBD
Source of Funds							Award Design: TBD
Airport Fund Reserves					75.0	75.0	Award Construction: TBD
FAA Grant					675.0	675.0	Anticipated Completion: TBD
TOTAL:	-	-	-	-	750.0	750.0	Total Project Value: \$750,000

OPERATIONAL IMPACT:

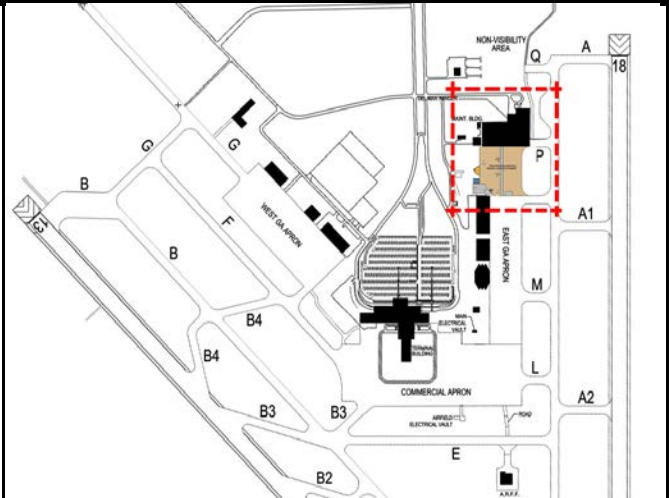
Reduction of \$5,000 in maintenance/repairs to vehicle.

DEPARTMENT: Aviation AV12

PROJECT TITLE: Airport Fuel Farm

DESCRIPTION:

This project will include the installation of above ground storage tanks and associated fueling system equipment with separate pump islands, one 12,000 gallon tank for AV Gas and one 12,000 gallon tank for Jet A fuel. All aboveground storage tanks shall be constructed of steel, factory fabricated, double wall, with secondary containment and carry a UL listing, environmental & Leak detection monitoring system, Fuel Management system with proximity card and credit cards readers.



FUNDING SCHEDULE (Amounts in 000's)

Use of Funds	Project to Date Obligations April 2015	Unspent Prior Budget as of May 2015	CIP Budget Year 1 2015 - 2016	Year 2 2016 - 2017	Year 3 2017 - 2018	Three Year Total	Project Notes
Design & Engineering			75.0			75.0	Engineering Project No: TBD
Construction				425.0		425.0	Finance Project No: TBD
Contingency						-	A/E Consultant: TBD
Inspection/Other						-	
TOTAL:	-	-	75.0	425.0	-	500.0	Contractor: TBD
Source of Funds							Award Design: TBD
Airport Fund Reserves			75.0	425.0		500.0	Award Construction: TBD
							Anticipated Completion: TBD
TOTAL:	-	-	75.0	425.0	-	500.0	Total Project Value: \$500,000

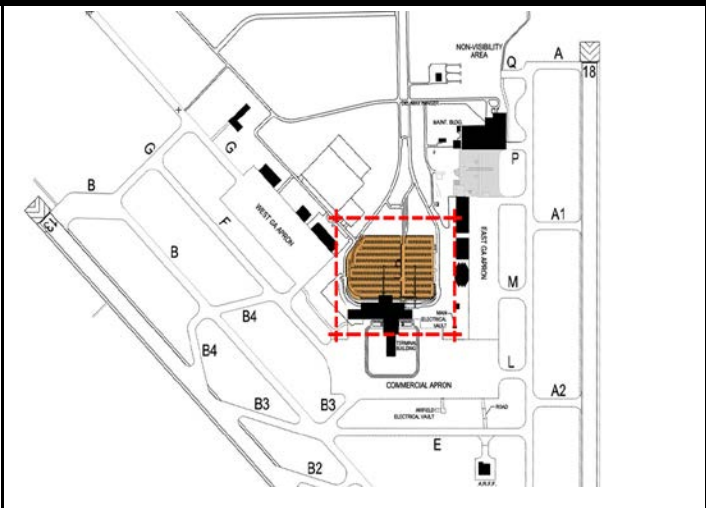
OPERATIONAL IMPACT:

This project will generate additional revenue for the Corpus Christi International Airport and meets customer demand for self fueling. Anticipated funding to come from operating fund and CIP Reserves

DEPARTMENT: Aviation AV13

PROJECT TITLE: Parking Lot Improvements

DESCRIPTION: The importance of maximizing customer convenience continues to be central to the design process of the airport. An important component of customer convenience is the 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 replace existing covered canopy fabric, coal tar sealant, striping, landscaping, signage, and installation of replacement lighting. This project proposes to generate additional revenue and meet customer demand for additional covered parking spaces. Also proposed is the relocation of the current Rental Return Lot located near the East Ramp. The new Rental Car Lot would be moved into the east side of the current Short Term Parking Lot. The existing Long Term Lot would be expanded to the north of the existing Long Term Parking Lot to increase capacity.



FUNDING SCHEDULE (Amounts in 000's)

Use of Funds	Project to Date Obligations April 2015	Unspent Prior Budget as of May 2015	CIP Budget Year 1 2015 - 2016	Year 2 2016 - 2017	Year 3 2017 - 2018	Three Year Total	Project Notes
Design & Engineering				50.0		50.0	Engineering Project No: TBD
Construction				625.0	1,500.0	2,125.0	Finance Project No: TBD
Contingency						-	A/E Consultant: TBD
Inspection/Other						-	
TOTAL:	-	-	-	675.0	1,500.0	2,175.0	Contractor: TBD
Source of Funds							Award Design: TBD
Airport Fund Reserves				675.0	1,500.0	2,175.0	Award Construction: TBD
							Anticipated Completion: TBD
TOTAL:	-	-	-	675.0	1,500.0	2,175.0	Total Project Value: 2,175,000

OPERATIONAL IMPACT:

This project will generate approximately \$150,000 in additional revenue for the Corpus Christi International Airport and meets customer demand for premium covered parking. Anticipated funding to come from operating fund and CIP Reserves

DEPARTMENT: Aviation AV14

PROJECT TITLE: Car Rental Ready Return Parking Lot

DESCRIPTION:

This project will increase the number of vehicle parking spaces available to our 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 the targeted light footprint, and will reduce energy consumption.



FUNDING SCHEDULE (Amounts in 000's)

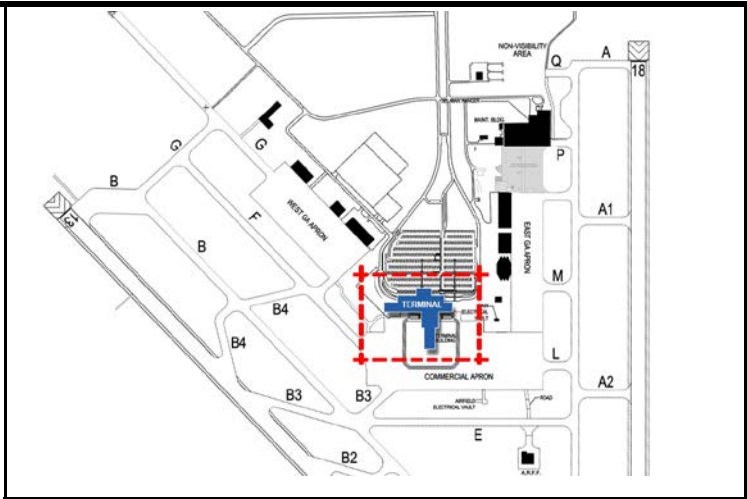
Use of Funds	Project to Date Obligations April 2015	Unspent Prior Budget as of May 2015	CIP Budget Year 1 2015 - 2016	Year 2 2016 - 2017	Year 3 2017 - 2018	Three Year Total	Project Notes
Design & Engineering				75.0		75.0	Engineering Project No: TBD
Construction					750.0	750.0	Finance Project No: TBD
Contingency						-	A/E Consultant: TBD
Inspection/Other						-	
TOTAL:	-	-	-	75.0	750.0	825.0	Contractor: TBD
Source of Funds							Award Design: TBD
FAA Grants							Award Construction: TBD
Customer Facility Charge (CFC)				75.0	750.0	825.0	Anticipated Completion: TBD
TOTAL:	-	-	-	75.0	750.0	825.0	Total Project Value: \$825,000

OPERATIONAL IMPACT: Non Applicable

DEPARTMENT: Aviation AV15

PROJECT TITLE: Master Plan

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



FUNDING SCHEDULE (Amounts in 000's)

Use of Funds	Project to Date Obligations April 2015	Unspent Prior Budget as of May 2015	CIP Budget Year 1 2015 - 2016	Year 2 2016 - 2017	Year 3 2017 - 2018	Three Year Total	Project Notes
Design & Engineering					625.0	625.0	Engineering Project No: TBD
Construction						-	Finance Project No: TBD
Contingency						-	A/E Consultant: TBD
Inspection/Other						-	Contractor: TBD
TOTAL:	-	-	-	-	625.0	625.0	Award Design: TBD
Source of Funds							Award Construction: TBD
Certificates of Obligation						-	Anticipated Completion: TBD
Airport Fund Reserves					62.5	62.5	
FAA Grant					562.5	562.5	
Customer Facility Charge (CFC)						-	
Bond Project '12						-	
TOTAL:	-	-	-	-	625.0	625.0	Total Project Value: \$625,000

OPERATIONAL IMPACT: Not Applicable

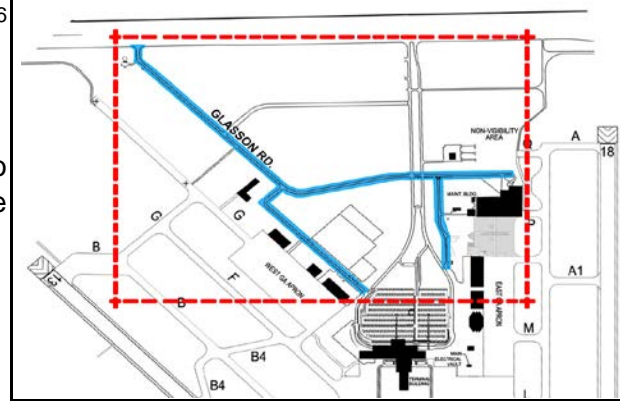
DEPARTMENT: Aviation

AV16

PROJECT TITLE: Reconstruction of Airport Road (Glasson, Pinson & Hangar Lane)

DESCRIPTION:

These are three roads connecting with International Drive and serves as an alternate route to tenants, cargo deliveries and employees located on the western & eastern sides of the Airport. The project will include reconstructing this unimproved road and improving drainage.

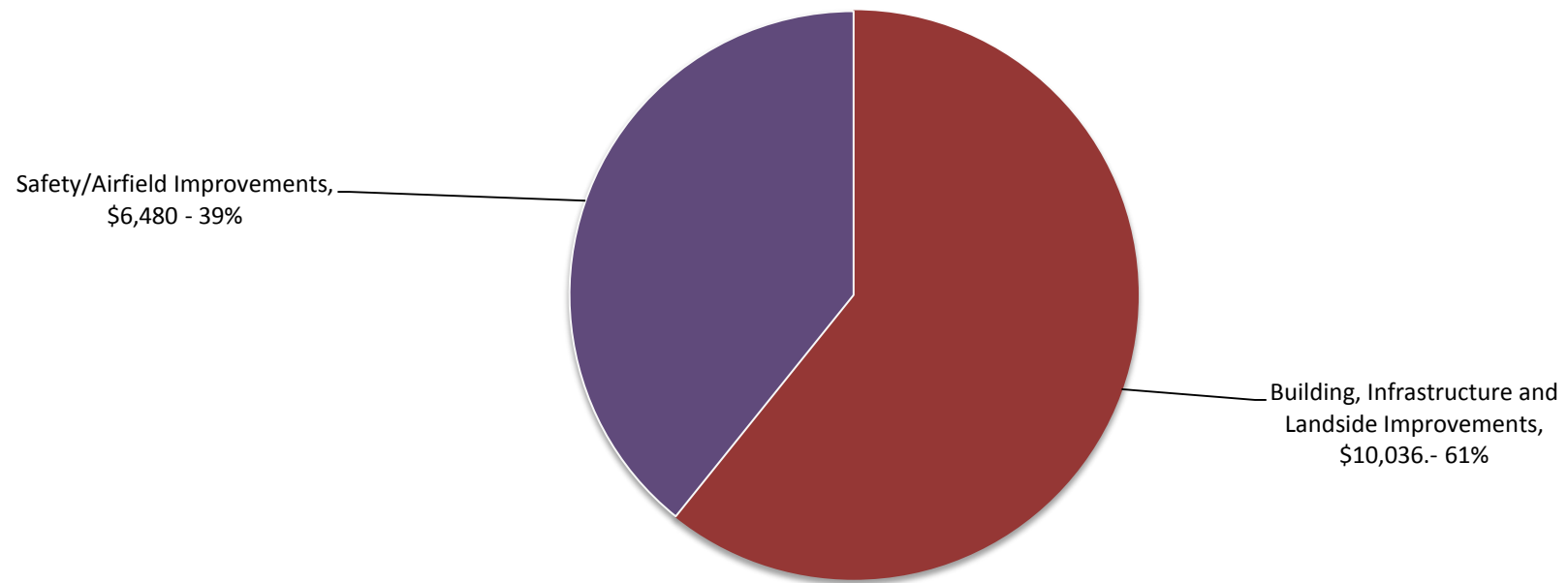


FUNDING SCHEDULE (Amounts in 000's)

Use of Funds	Project to Date Obligations April 2015	Unspent Prior Budget as of May 2015	CIP Budget Year 1 2015 - 2016	Year 2 2016 - 2017	Year 3 2017 - 2018	Three Year Total	Project Notes
Design & Engineering					75.0	75.0	Engineering Project No: TBD
Construction					550.0	550.0	Finance Project No: TBD
Contingency							A/E Consultant: TBD
Inspection/Other							Contractor: TBD
TOTAL:	-	-	-	-	625.0	625.0	Award Design: TBD
Source of Funds							Award Construction: TBD
Airport Fund Reserves					625.0	625.0	Anticipated Completion: TBD
TOTAL:	-	-	-	-	625.0	625.0	Total Project Value: \$625,000

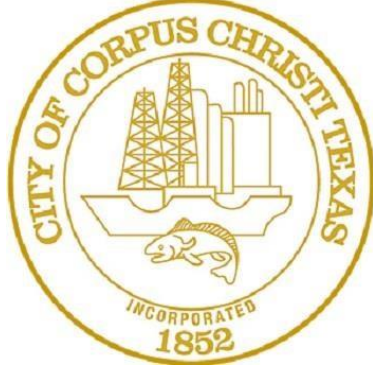
OPERATIONAL IMPACT: Not Applicable

Airport
Annual CIP: \$16, 5165
(Amounts in 000's)



1	<u>Land Acquisition (FAR Part 150)</u>	<u>\$1,500,000</u>
	The acquisition of approximately 425 acres of land to the south and east of the Airport is planned as part of the Federal Aviation Regulation (FAR) Part 150 Noise Compatibility Program. These 425 acres are forecasted to be exposed to noise levels of Daytime Noise Level 70 and higher with the ultimate airfield conditions. Following acquisition, it is recommended that these areas remain as open space or be developed with land uses compatible with aircraft noise exposure in the area.	
2	<u>Airport Layout Plan Update</u>	<u>\$400,000</u>
	The Airport Plan was last updated in 2012. The Federal Aviation Administration encourages updating the Airport Layout Plan approximately every five (5) years to reflect changing conditions.	
3	<u>Aircraft Gates and Passenger Hold Rooms</u>	<u>\$2,729,000</u>
	The design of the existing terminal allows for the expansion to the south to accommodate additional passenger hold rooms and gates. This project includes the construction of 3,000 - 4,000 square feet of passenger hold room and supporting space, in addition to two contact gates to accommodate projected peak hour originating passengers projected for Passenger Activity Level (PAL) 2 and PAL 3. The expansion of the airside hold rooms will require the paving of an additional ramp apron as well as the relocation of the taxiway on the south end of the current terminal.	
4	<u>Arrival Hall, Baggage Claim and Vehicle Curb</u>	<u>\$1,212,000</u>
	This project consists of the expansion of the existing Arrival Hall and Baggage Claim area, including relocation of the rental car counters, installation of two additional baggage claim devices, the creation of meters/greeters queuing area and group assembly area. This project also consists of expanding the commercial vehicle curb to allow increased traffic activity.	
5	<u>Taxi lane - Apron for T-Hangar Complex</u>	<u>\$1,000,000</u>
	The project will consist of the construction of approximately 4,000 S.Y. of rigid pavement. The pavement will provide a new hangar development access to the airport. The new hangar development will help generate additional revenue for CCIA. The Hangar Development Taxi lane is a requirement prior to the construction of the new hangar development.	
6	<u>T-Hangar Taxi Lane Apron, Phase 2 & 3</u>	<u>\$1,270,000</u>
	Construction of T-Hangars will require the rehabilitation of aprons to service the hangar area. The hangars will service General Aviation (GA) aircraft.	

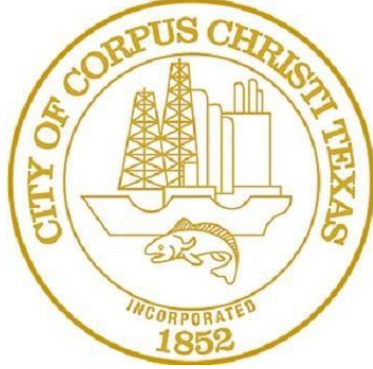
7	Communications Building Demolition	<u>\$80,000</u>
	<p>The Communications Building is part of the "old" tower and terminal structures. The building requires major repairs and is currently used for storage. Demolition of the structure will create an area that can be used for future airport or business development use.</p>	
8	Jet Bridge Rehabilitation and or Replacement:	<u>\$2,100,000</u>
	<p>The current jet bridges are 13 years old and showing signs of corrosion, deterioration from oxidation and normal wear. The project will include an assessment to determine which jet bridges will get refurbished or replaced. Installation of pre-conditioned air (PCA) units and installation of 400 Hz GPU's, as needed. Rehabilitation will include but is not limited to the design, installation, construction, inspection and oversight costs. Functioning jet bridges are required for the full utilization of the gates described in the airline lease agreements. CCIA will be able to maintain all jet bridges at adequate levels of customer service, safety and operation.</p>	
9	Rehabilitate Terminal Apron:	<u>\$6,000,000</u>
	<p>Air Carrier Apron area consists of approximately 45,000 sq. yds. of cement and 44,000 sq. ft. asphaltic concrete. This project will include a pavement assessment and the removal of existing asphaltic pavement and replace with reinforced concrete, rehabilitate areas of base failure. The asphaltic pavement is showing signs of distress with minor longitudinal/transverse cracking and some rutting as well as other deterioration from oxidation and normal wear. Rehabilitating the pavement will correct current deficiencies and insure full operational capabilities over the long term.</p>	
10	Terminal Building Assessment	<u>\$225,000</u>
	<p>The Terminal Assessment will include the west-end portion of the terminal that was constructed in 1985 and was not incorporated in the 2000 Terminal Expansion. The assessment will include all Mechanical, Electrical, and Roof system infrastructure and compliance with ADA, current building, and life safety codes including an ADA Ramp/Lift to accommodate a 757 aircraft. Upgrades to the Fire Alarm Systems, energy management system, such as lighting control, incorporation of a new PA system.</p>	
TOTAL FUTURE CAPITAL IMPROVEMENT NEEDS:		<u><u>\$16,516,000</u></u>

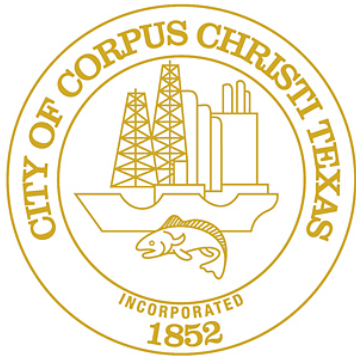




PARKS

Obligation to the Future





CITY OF CORPUS CHRISTI PARKS AND RECREATION PROGRAM

The Parks and Recreation Program is committed to providing social, recreational, cultural events and other opportunities for the community as well as visitors to Corpus Christi. This program section shows the commitment was supported by the voter approval of the November 2008 and 2012 Bond elections which provided funding to create new parks and renovate existing parks and recreational facilities throughout the City. Several projects approved under the 2012 General Obligation Bond are entering the construction phase. The Bond Issue 2008 Parks Program has encompassed numerous improvements and is coming to a close. Remaining projects include:

- Hike and Bike Trails
- South Bayfront Park (Coliseum Site)

With the completion of the Bayfront Development Plan Phase 3 Street Project, the remaining funds will be transferred to the Parks Capital Improvement Program and used to develop a South Bayfront Park at the site of the recently demolished Coliseum. Bayshore Park will be a primary venue for special events year round including a range of recreational and cultural activities appealing to residents and tourists.

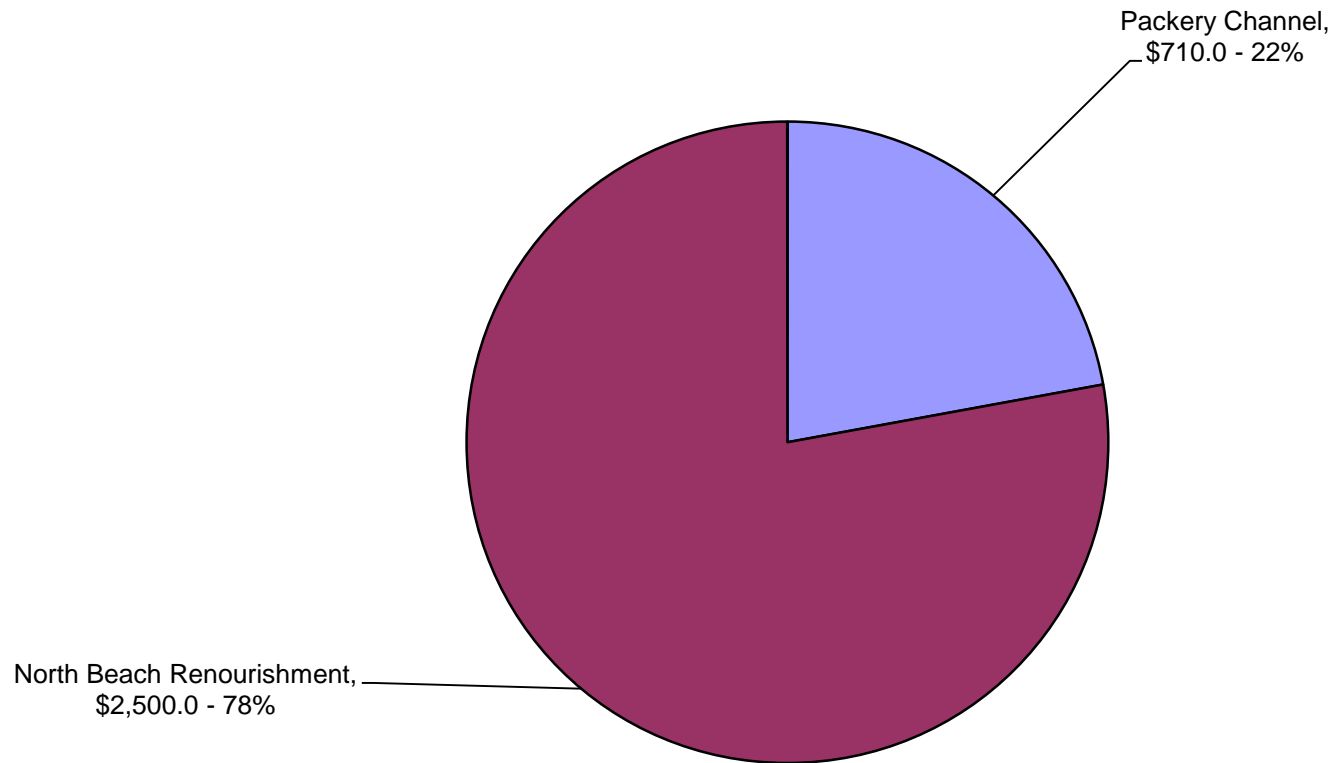
New work planned for Fiscal Year 2016 includes the re-nourishment of North Beach and McGee Beach. These beaches were re-nourished in the early 2000's through the Texas General Land Office's (GLO) Coastal Erosion Planning and Response Act (CEPRA) fund. As a result, these beaches are monitored by the GLO. In 2013, based on monitoring reports, the GLO approached the City about participating in the CEPRA Grant program to address further erosion on both beaches. These projects are being managed directly by the GLO with input and coordination from the City. The North Beach re-nourishment project is part of the Park's Capital Improvement Program (CIP) Budget while the McGee Beach project is part of the Public Health & Safety CIP program due to funding differences.

A recap of the budgeted expenditures includes:

EXPENDITURES:	YEAR ONE 2015 – 2016	YEAR TWO 2016 – 2017	YEAR THREE 2017 – 2018
TOTAL PROGRAMMED EXPENDITURES:	\$ 3,210,000	\$ 1,516,200	\$ 1,225,000
FUNDING:			
Texas General Land Office	\$ 2,500,000	\$ 0	\$ 0
Tax Increment Financing District	\$ 710,000	\$ 1,516,200	\$ 1,225,000
TOTAL PROGRAMMED FUNDS:	\$ 3,210,000	\$ 1,516,200	\$ 1,225,000

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

**Parks and Recreation
Annual CIP: \$3,210.0
(Amounts in 000's)**



Seq #	Project Name	Project-to-Date Obligations April 2015	Unspent Prior Budget as of May 2015	CIP Budget Year 1 2015-2016	Year 2 2016 - 2017	Year 3 2017 - 2018	Three Year Total
PR 01	Community Park Development and Improvements Finance and Engineering Number: E12115	442.2	4,600.8	-	-	-	-
PR 02	Hike & Bike Trail Development Finance and Engineering Numbers: E12116 / E14066	2,224.6	516.5	-	-	-	-
PR 03	Aquatic Facility Upgrades and Improvements Finance and Engineering Numbers: E12117 / E14007 / E14008	339.7	3,160.3	-	-	-	-
PR 04	Tennis Center Upgrades (HEB/AI Kruse) Finance and Engineering Number: E12118	239.2	2,760.8	-	-	-	-
PR 05	Ocean Drive Park Improvements Finance and Engineering Numbers: E12119 / E14049 / E14050	29.1	3,019.4	-	-	-	-
PR 06	Harbor Bridget Replacement Mitigation and Support Projects, Phase 1 Finance and Engineering Numbers: E15101	-	3,500.0	-	-	-	-
PR 07	North Padre Island Beach Facility Finance and Engineering Numbers: E15102	-	1,200.0	-	-	-	-
PR 08	South Bayfront Park (Coliseum Site) Finance and Engineering Number: E15152	-	5,300.0	-	-	-	-
PR 09	Packery Channel Improvement, Phase 3 Restroom Facilities at Packery Channel Finance Number: E03399 Engineering Number: 3399	200.0	815.0	-	-	-	-

Seq #	Project Name	Project-to-Date Obligations April 2015	Unspent Prior Budget as of May 2015	CIP Budget Year 1 2015-2016	Year 2 2016 - 2017	Year 3 2017 - 2018	Three Year Total
PR 10	Packery Channel Improvements, Phase 4 Ramps to Jetties Finance Number: E03401 Engineering Number: 3401	-	274.0	-	-	-	-
PR 11	Packery Channel Improvements, Phase 5 Pavilion Finance Number: E03402 Engineering Number: 3402	1.8	67.8	200.0	1,006.2	-	1,206.2
PR 12	Packery Channel Improvements, Phase 6 Pavilion Finance and Engineering Number: TBD	-	-	-	-	715.0	715.0
PR 13	Packery Channel Miscellaneous Improvements Finance Number: TBD Engineering Number: TBD	-	-	510.0	510.0	510.0	1,530.0
PR 14	North Beach Re-nourishment Finance and Engineering Number: TBD	-	-	2,500.0	-	-	2,500.0
	Program Total:	3,476.6	25,214.6	3,210.0	1,516.2	1,225.0	5,951.2

Seq #	Project Name	Project-to-Date Obligations April 2015	Unspent Prior Budget as of May 2015	CIP Budget Year 1 2015-2016	Year 2 2016 - 2017	Year 3 2017 - 2018	Three Year Total
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CURRENTLY AVAILABLE FUNDING:

	Bond Issue 2004 Proceeds	19.9	-	-	-	-	-
	Bond Issue 2008 Proceeds	144.3	5,655.7	-	-	-	-
	Bond Issue 2012 Proceeds	2,389.4	18,402.1	-	-	-	-
	Texas Department of Transportation	721.2	-	-	-	-	-
	Texas General Land Office	-	-	2,500.0	-	-	2,500.0
	Tax Increment Financing District	201.8	1,156.8	-	-	-	-
	Total Currently Available:	3,476.6	25,214.6	2,500.0	-	-	2,500.0

RECOMMENDED ADDITIONAL FUNDING:

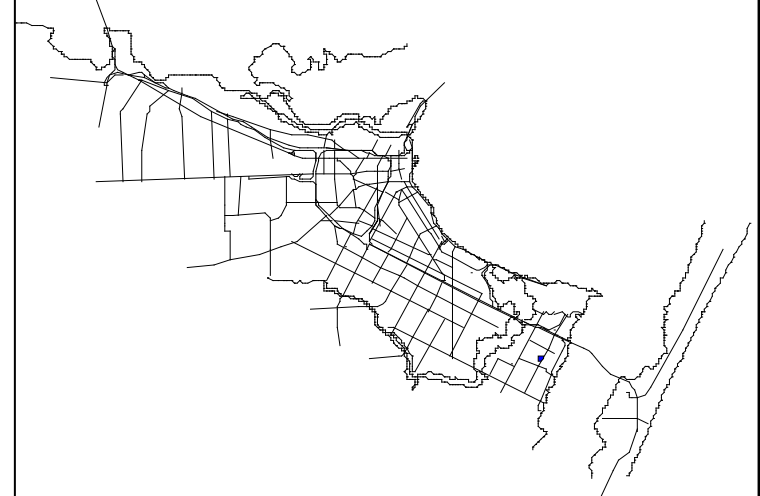
	Tax Increment Financing District	-	-	710.0	1,516.2	1,225.0	3,451.2
	Total Funding Source:	3,476.6	25,214.6	3,210.0	1,516.2	1,225.0	5,951.2

PROJECT TITLE: Community Park Development and Improvements

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

DESCRIPTION:

This project will primarily focus 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. Other improvements in these parks 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 Master Plan. This project is utilizing various design consultants to provide focus on the specific needs of each area. As a result of this process, multiple construction contracts will be awarded as well.



FUNDING SCHEDULE (Amounts in 000's)

Use of Funds	Project-to-Date Obligations April 2015	Unspent Prior Budget as of May 2015	CIP Budget Year 1 2015 - 2016	Year 2 2016 - 2017	Year 3 2017 - 2018	Three Year Total	PROJECT NOTES:
Design & Engineering	330.6	-				-	Capital Budget Project No: PK13-001 Engineering Project No: E12115 Finance Project No: E12115 A/E Consultants: Martinez, Guy, Maybik TRA Architects, CLK Architects Contractor: Multiple contracts to be used
Construction	19.6	4,000.0				-	
Contingency	-	400.0				-	
Inspection/Other	92.0	200.8				-	
TOTAL:	442.2	4,600.8				-	
Source of Funds							Award Design: March 2013
Bond Issue 2012	442.2	4,600.8				-	Award Construction: On-Going
TOTAL:	442.2	4,600.8				-	Anticipated Completion: Summer '17 Total Project Value: \$5,000,000

OPERATIONAL IMPACT:

Operational Impact for this 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 the parks and their new improvements on a yearly basis.

Bond 2012 Proposition Four: PARKS & RECREATION IMPROVEMENTS

Sequence #02

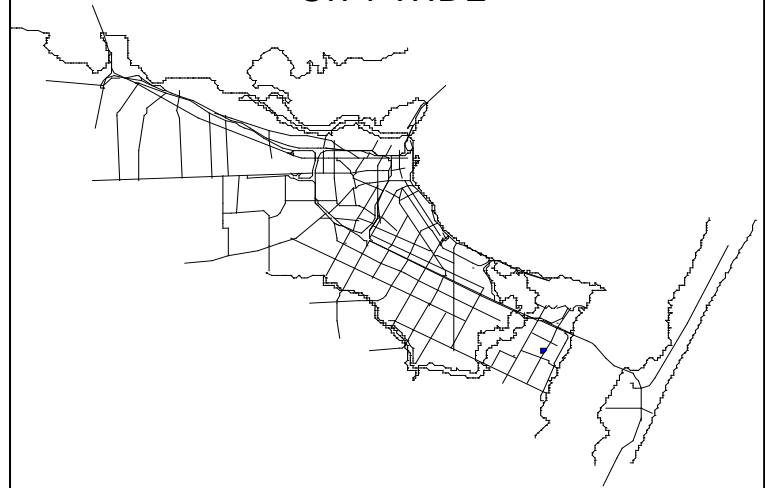
CITY WIDE

PROJECT TITLE: Hike and Bike Trail Development - City Wide

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

DESCRIPTION:

This project will focus on the design and construction of hike and bike trails throughout the City with emphasis on extending existing trails, providing off road recreational trail experiences and creating connectivity between parks, public spaces and residential areas. This project includes the construction of Bear Creek/Oso Creek Park Trail, Schanen Ditch Trail, and may include other trail priorities listed in the Parks, Recreation and Open Space and the Community Hike and Bike Trail Master Plans to the extent funding allows. This project will bring continuity to a currently disjointed and segmented trail system. Currently, Bear Creek is under construction and Schanen Ditch Trail was recently awarded to begin construction. The City is also using these funds as matching fund for grant applications for future projects.



FUNDING SCHEDULE (Amounts in 000's)

Use of Funds	Project-to-Date Obligations April 2015	Unspent Prior Budget as of May 2015	CIP Budget Year 1 2015 - 2016	Year 2 2016 - 2017	Year 3 2017 - 2018	Three Year Total	PROJECT NOTES:
Land Acquisition	17.7	-				-	Capital Budget Project No: PK13-002 Engineering Project No: E12116/E14066 Finance Project No: E12116/E14066 Bear Creek (1) and Schanen Ditch (2): A/E Consultant: Martinez, Guy, Maybik Contractor 1: Gourley Construction Contractor 2: LNV Construction Award Design: March 2013 Award Construction 1: August 2014 Anticipated Completion 1: March 2015 Award Construction 2: May 2015 Anticipated Completion 2: March 2016 Total Project Value: \$2,267,400
Design & Engineering	221.1	-				-	
Construction	1,916.0	500.0				-	
Contingency	-	-				-	
Inspection/Other	69.8	16.5				-	
TOTAL:	2,224.6	516.5				-	
Source of Funds							
Bond Issue 2004	19.9	-				-	
Bond Issue 2008	144.3	355.7				-	
Bond Issue 2012	1,339.2	160.8				-	
Tx Department of Transportation	721.2					-	
TOTAL:	2,224.6	516.5				-	

OPERATIONAL IMPACT:

Determination of operational impact is anticipated to be negligible and public use and enjoyment will increase greatly.

Bond 2012 Proposition Four: PARKS & RECREATION IMPROVEMENTS

Sequence #03

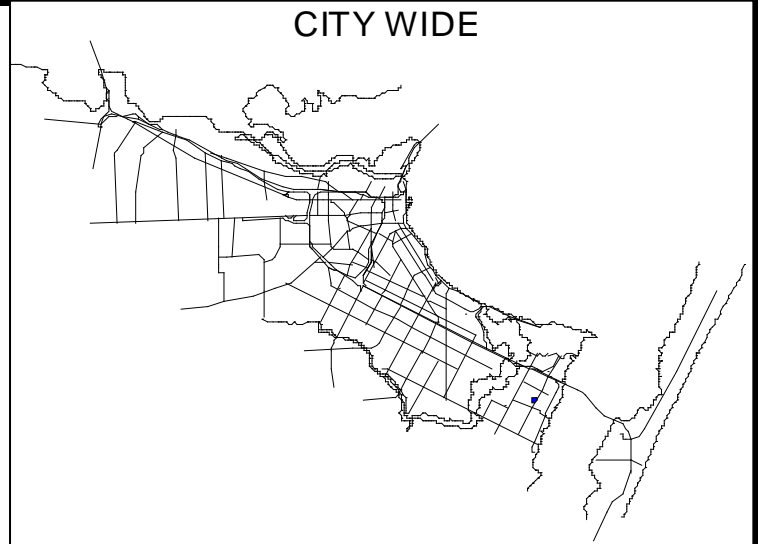
CITY WIDE

PROJECT TITLE: Aquatic Facility Upgrades and Improvements

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

DESCRIPTION:

Improvements to Aquatic facilities are listed in the top priorities for development in the Parks, Recreation and Open Space Master Plan. Collier Pool is one of the most utilized public facilities in the park system. Dedicated lap swimmers, open swim participants, learn to swim participants and neighborhood groups patron the pool on a regular basis, maximizing the pool's capacity as well as the city resources used to keep it operational on a year-round basis. According to the citizen survey conducted by Halff and Associates, West Guth is the second most popular park in Corpus Christi. Following suit, the pool is one of the most popular places for residents in the Northwest to congregate on a hot summer day. Updates to these facilities may include construction of splash pads, wading and zero depth entry pools, extension of lap lanes and swimmer amenities with other related facility improvements.



FUNDING SCHEDULE (Amounts in 000's)

Use of Funds	Project-to-Date Obligations April 2015	Unspent Prior Budget as of May 2015	CIP Budget Year 1 2015 - 2016	Year 2 2016 - 2017	Year 3 2017 - 2018	Three Year Total	PROJECT NOTES:
Design & Engineering	299.3					-	Capital Budget Project No: PK13-003
Construction		2,900.0				-	Engineering Project No: E14007
Contingency		125.0				-	Finance Project No: E12117
Inspection/Other	40.4	135.3				-	E14008
TOTAL:	339.7	3,160.3				-	A/E Consultant: Turner Ramirez Architects
Source of Funds							Contractor: Multiple Contracts and JOC
Bond Issue 2012	339.7	3,160.3				-	Award Design: March 2013
TOTAL:	339.7	3,160.3				-	Award Construction: Fall 2015
							Anticipated Completion: Summer 2016
							Total Project Value: \$3,500,000

OPERATIONAL IMPACT:

Operational impact is anticipated to be negligible at this point in the design process.

Bond 2012 Proposition Four: PARKS & RECREATION IMPROVEMENTS

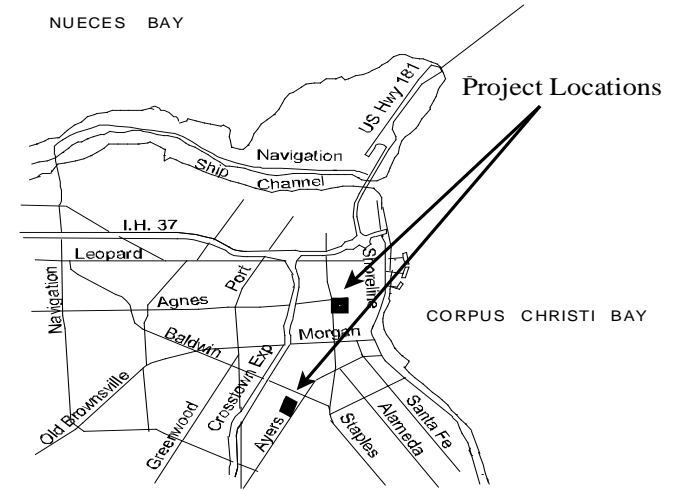
Sequence #04

PROJECT TITLE: Tennis Center Upgrades and Improvements

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

DESCRIPTION:

HEB Tennis: Repairs and Improvements: Stadium structure and viewing deck are old and deteriorating and need to be removed, restored or replaced; Courts 1,2,5,6,9,10,13,14,15,16,20,21 have uneven playing surface and need to be replaced with an emphasis on court 13. Al Kruse Tennis: All courts are in need of resurfacing and / or patching, windscreen repairs, ADA accessibility. Other repairs include pro shop and restroom renovations and ADA improvements. Remaining funding will be used to improve courts at the HEB Tennis Center to the extent funding allows.



FUNDING SCHEDULE (Amounts in 000's)

Use of Funds	Project-to-Date Obligations April 2015	Unspent Prior Budget as of May 2015	CIP Budget Year 1 2015 - 2016	Year 2 2016 - 2017	Year 3 2017 - 2018	Three Year Total	PROJECT NOTES:
Design & Engineering	204.9					-	Capital Budget Project No: PK13-004
Construction		2,600.0				-	Engineering Project No: E12118
Contingency		75.0				-	Finance Project No: E12118
Inspection/Other	34.3	85.8				-	A/E Consultant: CLK Architects
TOTAL:	239.2	2,760.8				-	Contractor: Safenet Services
Source of Funds							Award Design: March 2013
Bond Issue 2012	239.2	2,760.8				-	Award Construction: August 2015
							Anticipated Completion: August 2016
TOTAL:	239.2	2,760.8				-	Total Project Value: \$3,000,000

OPERATIONAL IMPACT:

No operational impact will be generated by this project.

Bond 2012 Proposition Four: PARKS & RECREATION IMPROVEMENTS

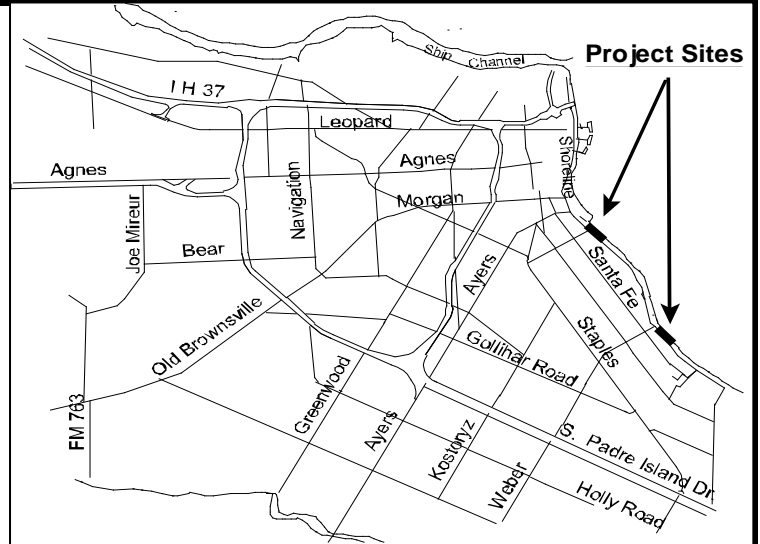
Sequence #05

PROJECT TITLE: Ocean Drive Park Improvements

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

DESCRIPTION:

The scope of this project includes improvements to Swantner and Cole Parks to the extent funding allows. Planned improvements at Swantner include installation of an automatic irrigation system and repairs to sea wall. Improvements to Cole Park include completion of shoreline stabilization from Bond 2008, and other improvements.



FUNDING SCHEDULE (Amounts in 000's)

Use of Funds	Project-to-Date Obligations April 2015	Unspent Prior Budget as of May 2015	CIP Budget Year 1 2015 - 2016	Year 2 2016 - 2017	Year 3 2017 - 2018	Three Year Total	PROJECT NOTES:
Design & Engineering	11.5	200.0				-	Capital Budget Project No: PK13-005
Construction		2,500.0				-	Engineering Project No: E12119
Contingency		200.0				-	Finance Project No: E14049
Inspection/Other	17.6	119.4				-	E14050
TOTAL:	29.1	3,019.4				-	A/E Consultant: HDR, Engineering
Source of Funds							Contractor: TBD
Bond Issue 2012	29.1	3,019.4				-	Award Design: March 2013
TOTAL:	29.1	3,019.4				-	Award Construction: Winter 2015
							Anticipated Completion: Fall 2016
							Total Project Value: \$3,048,500

OPERATIONAL IMPACT:

No operational impact will be generated by this project.

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

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

DESCRIPTION:

The project will construct the first phase of Parks and Recreation and Street work to mitigate the initial phases of the upcoming Harbor Bridge. These improvements include the mitigation efforts to replace elements in T.C. Ayers and Lovenskiold Parks.



FUNDING SCHEDULE (Amounts in 000's)

Use of Funds	Project-to-Date Obligations April 2015	Unspent Prior Budget as of May 2015	CIP Budget Year 1 2015 - 2016	Year 2 2016 - 2017	Year 3 2017 - 2018	Three Year Total	PROJECT NOTES:
Design & Engineering		300.0				-	Capital Budget Project No: PK13-005
Construction		2,500.0				-	Engineering Project No: E15101
Contingency		400.0				-	Finance Project No: E15101
Inspection/Other		300.0				-	A/E Consultant: TBD
TOTAL:		3,500.0				-	Contractor: TBD
Source of Funds							Award Design: TBD
Bond Issue 2014		3,500.0				-	Award Construction: TBD
TOTAL:		3,500.0				-	Anticipated Completion: TBD Total Project Value: \$3,500,000

OPERATIONAL IMPACT:

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

Bond 2014 Proposition Two:

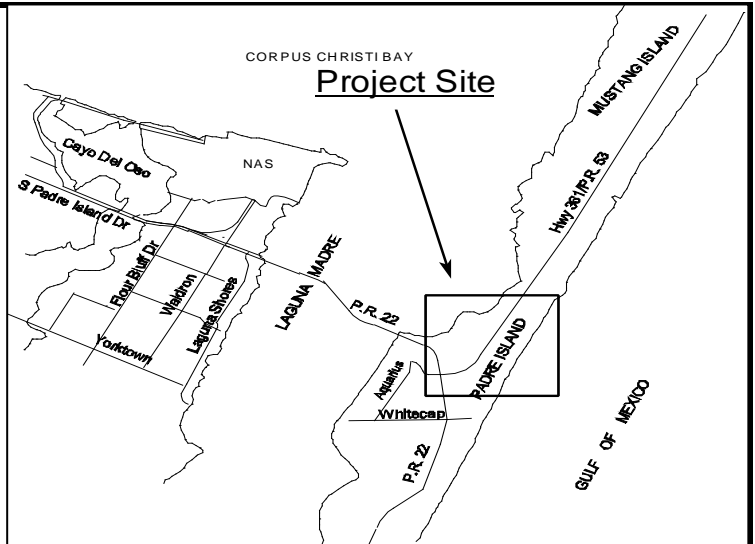
Sequence #07

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 in the vicinity of Sea Pines Drive / Coral Vine Street / Access Road 6.



FUNDING SCHEDULE (Amounts in 000's)

Use of Funds	Project-to-Date Obligations April 2015	Unspent Prior Budget as of May 2015	CIP Budget Year 1 2015 - 2016	Year 2 2016 - 2017	Year 3 2017 - 2018	Three Year Total	PROJECT NOTES:
Design & Engineering		100.0				-	Capital Budget Project No: PK13-006
Construction		1,000.0				-	Engineering Project No: E15102
Contingency		50.0				-	Finance Project No: E15102
Inspection/Other		50.0				-	A/E Consultant: TBD
TOTAL:		1,200.0				-	Contractor: TBD
Source of Funds							Award Design: TBD
Bond Issue 2012		1,200.0				-	Award Construction: TBD
TOTAL:		1,200.0				-	Anticipated Completion: TBD Total Project Value: \$1,200,000

OPERATIONAL IMPACT:

Operation Impact will be more clearly defined during the initial design phase.



PROJECT TITLE: South Bayfront Park (Coliseum Site)

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

DESCRIPTION:

Bayshore Park will be a primary venue for special events year round including a range of recreational and cultural activities appealing to residents and tourists. Underground utility infrastructure and lighting to accommodate the planned activities will be a priority for the Bayshore Park project to include water service, wastewater, electrical improvements, street and pedestrian lighting. This work will be completed through a design/build contract to economize on costs.

FUNDING SCHEDULE (Amounts in 000's)

Use of Funds	Project-to-Date Obligations April 2015	Unspent Prior Budget as of May 2015	CIP Budget Year 1 2015 - 2016	Year 2 2016 - 2017	Year 3 2017 - 2018	Three Year Total	PROJECT NOTES:
Design & Engineering		395.0				-	Capital Budget Project No: PK16-001
Construction		4,500.0				-	Engineering Project No: E15152
Contingency		250.0				-	Finance Project No: E15152
Inspection/Other		155.0				-	A/E Consultant: RFQ
TOTAL:		5,300.0				-	Contractor: TBD
Source of Funds							Award Design/Build: Fall 2015
Bond Issue 2008		5,300.0				-	Anticipated Completion: TBD
TOTAL:		5,300.0				-	Total Project Value: \$5,300,000

OPERATIONAL IMPACT:

It is too early to tell the Operational Impact.

DEPARTMENT: **Parks and Recreation**

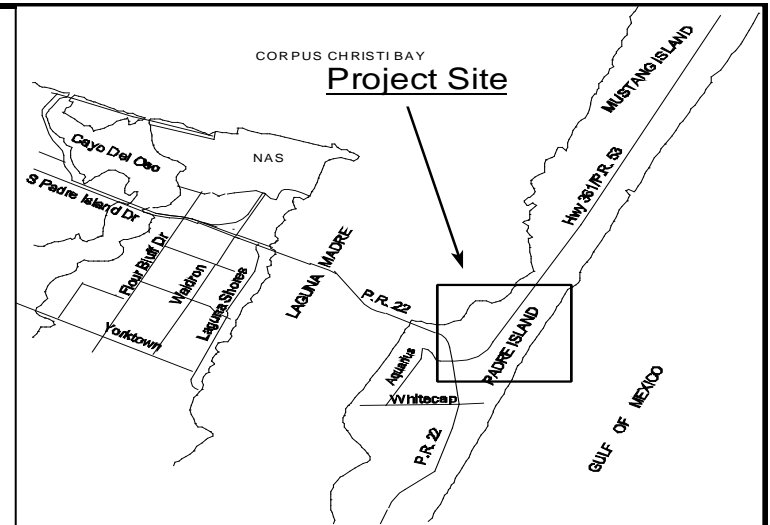
Sequence #09

PROJECT TITLE: Packery Channel Improvements, Phase 3 (Restroom Facilities)

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

DESCRIPTION:

This project is being re-evaluated and will be constructed in the future with the Pavilion Project (Phase 5) All future improvements will be coordinated with the Island Strategic Action Committee, the Tax Increment Financing Board and the City Council.



FUNDING SCHEDULE (Amounts in 000's)

Use of Funds	Project-to-Date Obligations April 2015	Unspent Prior Budget as of May 2015	CIP Budget Year 1 2015 - 2016	Year 2 2016 - 2017	Year 3 2017 - 2018	Three Year Total	PROJECT NOTES:
Design & Engineering	193.5					-	Capital Budget Project No: 09003 Engineering Project No: 3399 Finance Project No: E03399 A/E Consultant: Anastos & Assoc. Contractor: TBD Award Design: December '13 Award Construction: TBD Anticipated Completion: TBD Total Project Value: \$2,066,000
Construction		750.0				-	
Contingency		55.0				-	
Inspection/Other	6.5	10.0				-	
TOTAL:	200.0	815.0				-	
Source of Funds							
Tax Increment Finance District	200.0	815.0				-	
TOTAL:	200.0	815.0				-	

OPERATIONAL IMPACT:

To Be Determined.

DEPARTMENT: **Parks and Recreation**

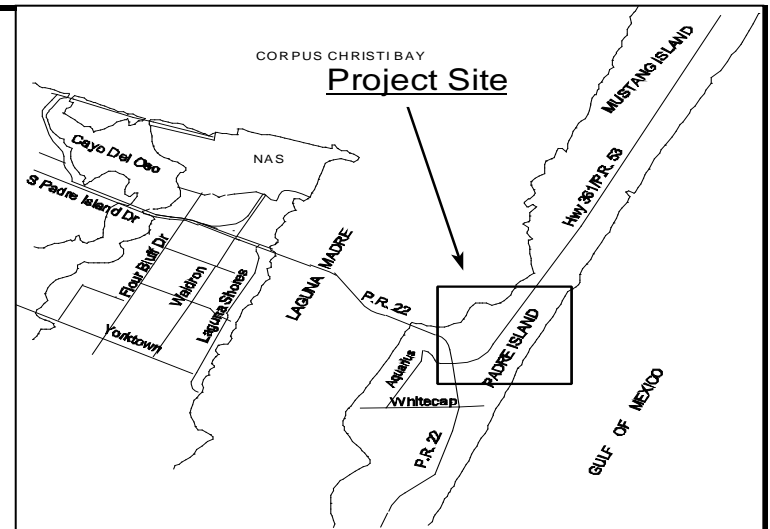
Sequence #10

PROJECT TITLE: Packery Channel Improvements, Phase 4 (Ramps to Jetties)

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

DESCRIPTION:

This project will include the stairs and ADA ramp on the north side and the south side of Packery Channel to provide access from the beach to the restrooms, lookouts and parking lots.



FUNDING SCHEDULE (Amounts in 000's)

Use of Funds	Project-to-Date Obligations April 2015	Unspent Prior Budget as of May 2015	CIP Budget Year 1 2015 - 2016	Year 2 2016 - 2017	Year 3 2017 - 2018	Three Year Total	PROJECT NOTES:
Design & Engineering							Capital Budget Project No: 09004
Construction		225.0				-	Engineering Project No: 3401
Contingency		24.0				-	Finance Project No: E03401
Inspection/Other		25.0				-	A/E Consultant: Freese & Nichols
TOTAL:	-	274.0				-	Contractor: TBD
Source of Funds							Award Design: February '09
Tax Increment Finance District		274.0				-	Award Construction: TBD
TOTAL:	-	274.0				-	Anticipated Completion: TBD
							Total Project Value: \$274,000

OPERATIONAL IMPACT:

There is no operation impact due to this project.

DEPARTMENT: **Parks and Recreation**

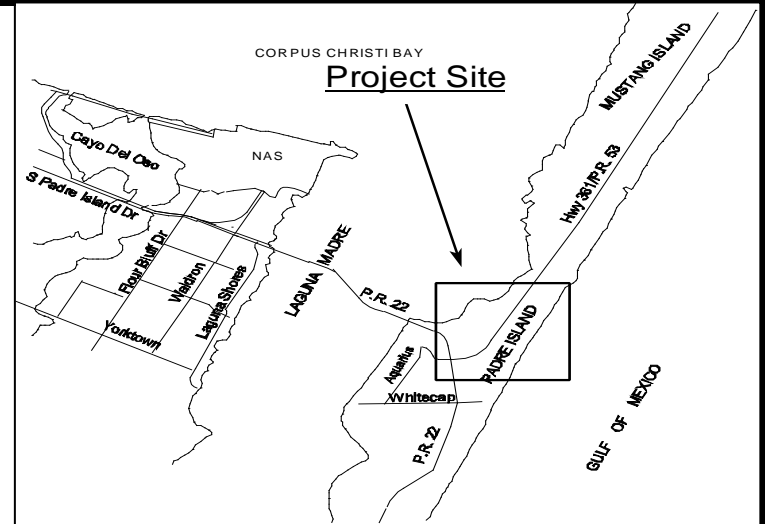
Sequence #11

PROJECT TITLE: Packery Channel Improvements, Phase 5 (Pavilion)

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

DESCRIPTION:

This project includes the pavilion expansion on the north side restroom. This will increase the deck area around the restroom and provide some sitting areas for visitors. Design and construction are planned over multiple years as funding allows.



FUNDING SCHEDULE (Amounts in 000's)

Use of Funds	Project-to-Date Obligations April 2015	Unspent Prior Budget as of May 2015	CIP Budget Year 1 2015 - 2016	Year 2 2016 - 2017	Year 3 2017 - 2018	Three Year Total	PROJECT NOTES:
Design & Engineering	-	60.0	180.0	-		180.0	Capital Budget Project No: 09005
Construction	-	-	-	850.0		850.0	Engineering Project No: 3402
Contingency	-	-	-	85.0		85.0	Finance Project No: E03402
Inspection/Other	1.8	7.8	20.0	71.2		91.2	A/E Consultant: Anastos & Assoc.
TOTAL:	1.8	67.8	200.0	1,006.2		1,206.2	Contractor: TBD
Source of Funds							Award Design: TBD
Tax Increment Finance District	1.8	67.8	200.0	1,006.2		1,206.2	Award Construction: TBD
TOTAL:	1.8	67.8	200.0	1,006.2		1,206.2	Total Project Value: \$1,275,800

OPERATIONAL IMPACT:

This series of projects at Packery Channel (Phases 1 - 6) will be constructed over multiple years as funding becomes available. Additional operational costs will be incurred as the projects progress including additional staffing for care of the area, electrical usage for lights and HVAC units and a street sweeper to clean parking lots at Packery and Windward. It is anticipated there will be an operational budget reduction for fuel usage and travel time because all future personnel and equipment will be located on site.

DEPARTMENT: **Parks and Recreation**

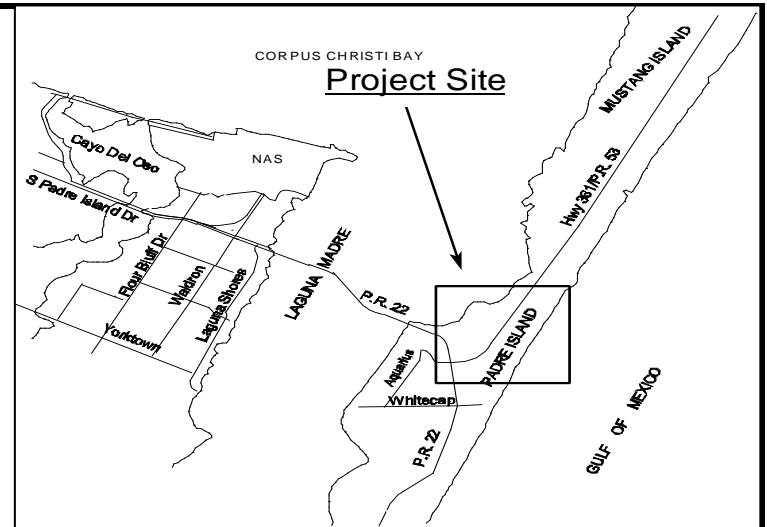
Sequence #12

PROJECT TITLE: Packery Channel Improvements, Phase 6 (Admin/Maint Building)

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

DESCRIPTION:

This funding includes a 30-foot by 60-foot maintenance building, a 20-foot by 20-foot administration building and a 100-foot by 1,000-foot parking lot near the entrance to the Packery Channel Lookout Areas just south of Zahn Road.



FUNDING SCHEDULE (Amounts in 000's)

Use of Funds	Project-to-Date Obligations April 2015	Unspent Prior Budget as of May 2015	CIP Budget Year 1 2015 - 2016	Year 2 2016 - 2017	Year 3 2017 - 2018	Three Year Total	PROJECT NOTES:
Design & Engineering					50.0	50.0	Capital Budget Project No: 16-002
Construction					600.0	600.0	Engineering Project No: TBD
Contingency					40.0	40.0	Finance Project No: TBD
Inspection/Other					25.0	25.0	A/E Consultant: TBD
TOTAL:					715.0	715.0	Contractor: TBD
Source of Funds							Award Design: TBD
Tax Increment Finance District					715.0	715.0	Award Construction: TBD
TOTAL:					715.0	715.0	Total Project Value: \$715,000

OPERATIONAL IMPACT:

This series of projects at Packery Channel (Phases 1 - 6) will be constructed over multiple years as funding becomes available. Additional operational costs will be incurred as the projects progress including additional staffing for care of the area, electrical usage for lights and HVAC units and a street sweeper to clean parking lots at Packery and Windward. It is anticipated there will be an operational budget reduction for fuel usage and travel time because all future personnel and equipment will be located on site.

DEPARTMENT: **Parks and Recreation**

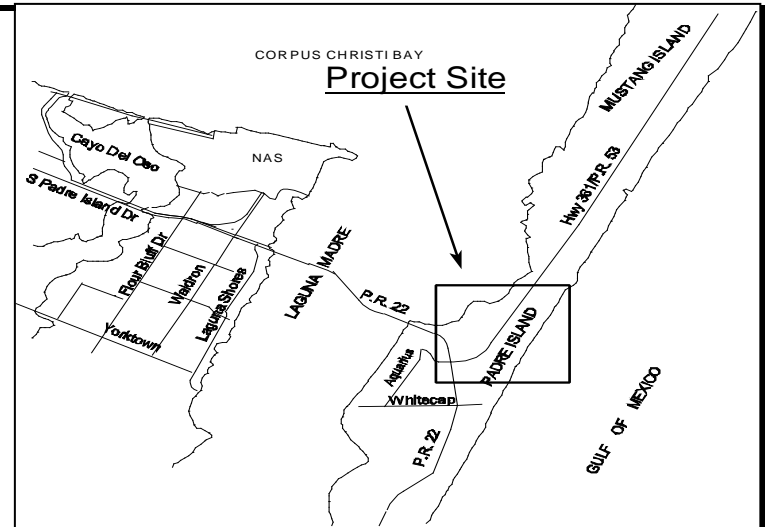
Sequence #13

PROJECT TITLE: Packery Channel Miscellaneous Improvements

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

DESCRIPTION:

This project includes funds for yearly identified projects to support Packery Channel exclusive of the previously identified capital projects Phases 3 through 7. 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 the Island Strategic Action Committee, North Padre Island Development Corporation, TIRZ #2 and City Council approval.



FUNDING SCHEDULE (Amounts in 000's)

Use of Funds	Project-to-Date Obligations April 2015	Unspent Prior Budget as of May 2015	CIP Budget Year 1 2015 - 2016	Year 2 2016 - 2017	Year 3 2017 - 2018	Three Year Total	PROJECT NOTES:
Design & Engineering			35.0	35.0	35.0	105.0	Capital Budget Project No: 12001
Construction			400.0	400.0	400.0	1,200.0	Engineering Project No: TBD
Contingency			40.0	40.0	40.0	120.0	Finance Project No: TBD
Inspection/Other			35.0	35.0	35.0	105.0	A/E Consultant: TBD
TOTAL:			510.0	510.0	510.0	1,530.0	Contractor: TBD
Source of Funds							Award Design: On-Going
Tax Increment Finance District			510.0	510.0	510.0	1,530.0	Award Construction: On-Going
TOTAL:			510.0	510.0	510.0	1,530.0	Anticipated Completion: On-Going
							Total Project Value: \$510,000 per year

OPERATIONAL IMPACT:

These projects will support the use of Packery Channel (Phases 1 - 6) will be completed over multiple years as funding becomes available.

DEPARTMENT: **Parks and Recreation**

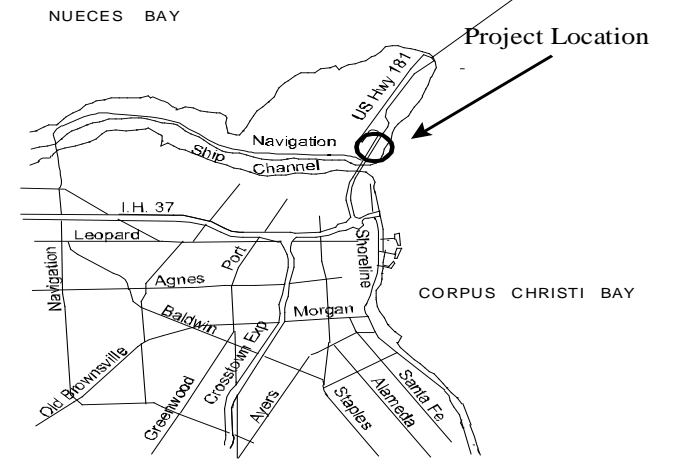
Sequence #14

PROJECT TITLE: North Beach Re-nourishment

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

DESCRIPTION:

North Beach and McGee Beaches were re-nourished in the early 2000's through the Texas General Land Office's (GLO) Coastal Erosion Planning and Response Act (CEPRA) fund. As a result, these beaches are monitored by the GLO. In 2013, based on monitoring reports, the GLO approached the City about participating in the CEPRA Grant Program to address further erosion on both beaches. This project is being managed directly by the GLO with input and coordination from the City. The GLO has contracted with HDR Engineering to design the re-nourishment project.



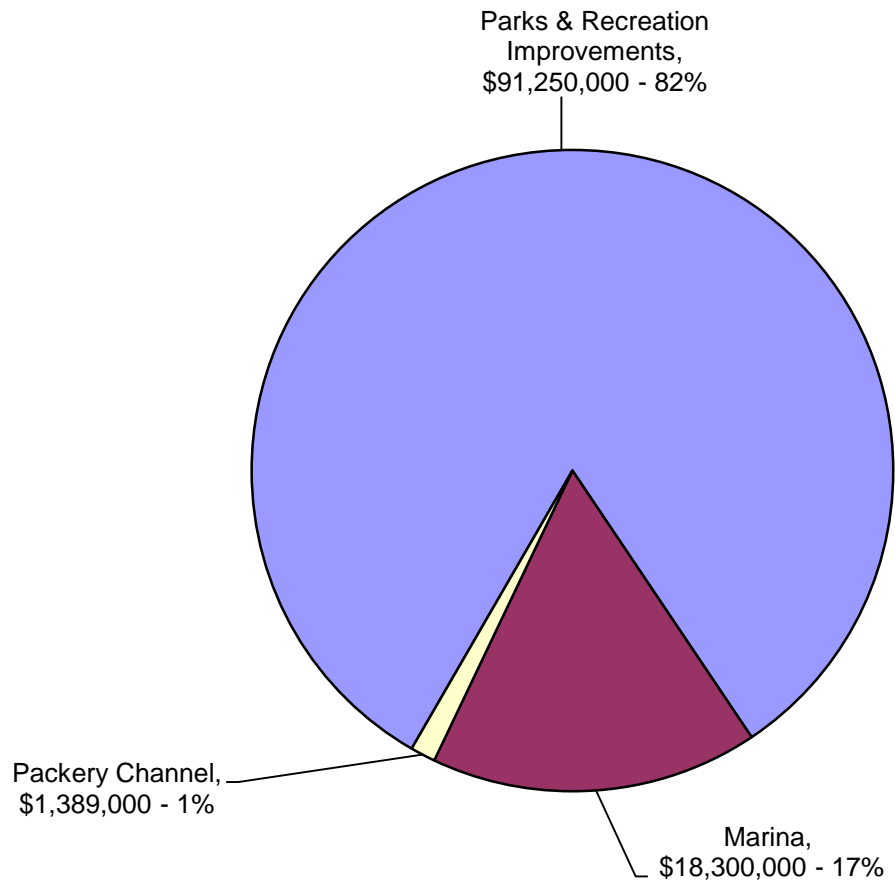
FUNDING SCHEDULE (Amounts in 000's)

Use of Funds	Project-to-Date Obligations April 2015	Unspent Prior Budget as of May 2015	CIP Budget Year 1 2015 - 2016	Year 2 2016 - 2017	Year 3 2017 - 2018	Three Year Total	PROJECT NOTES:
Design & Engineering						-	Capital Budget Project No: 16-003
Construction			2,300.0			2,300.0	Engineering Project No: TBD
Contingency			100.0			100.0	Finance Project No: TBD
Inspection/Other			100.0			100.0	A/E Consultant: HDR Eng.
TOTAL:			2,500.0	-	-	2,500.0	Contractor: TBD
Source of Funds							Award Design: N/A
General Land Office			2,500.0			2,500.0	Award Construction: TBD
TOTAL:			2,500.0	-	-	2,500.0	Anticipated Completion: TBD
							Total Project Value: \$2,500,000

OPERATIONAL IMPACT:

There are no additional operating costs associated with this project.

**Parks and Recreation
Long-Range CIP: \$110,939.0
(Amounts in 000's)**



PARKS & RECREATION IMPROVEMENTS

- 1 Community and Major Investment Park Development and Improvements \$5,000,000
This project provides for improvements to the seven community parks and various major investment parks designated in the 2012 Parks and Recreation Master Plan. Improvements will include, but are not limited to, landscaping and turf enhancements, park equipment, shade structures and specialty areas to meet the recreation needs of each planning area in each park.

- 2 Hike and Bike Improvements \$2,000,000
This project will construct hike and bike trails alongside drainage easements, existing parkways, and other areas. The trails will provide access from nearby neighborhoods to several area schools. This project will also establish a relationship with the transportation system by constructing a new passage for pedestrians and bicyclists without taking away or adding to the existing roadway.

- 3 Aquatic Facilities Improvements \$3,000,000
This project provides for improvements to City neighborhood swimming pools that are in need of renovation to create aquatic facilities that are in compliance with ADA regulations and include amenities that are attractive and safe. This project could include bathhouses, water attractions, spray elements, shade structures, picnic tables, renovated parking lots, chlorination system upgrades and ADA Improvements.

- 4 Tennis Center Improvements \$2,000,000
This project provides for improvements to City tennis centers that are in needs of renovation to lighting, courts, restrooms, and other areas.

- 5 Ocean Drive Parks Improvements \$10,000,000
This project will include park improvements for Ocean Drive Parks from Cole Park south to Palmetto Park. Improvements could include landscape and turf improvements, park structures, shoreline stabilization and other additions as dictated by the 2012 Parks and Recreation Master Plan.

- 6 Sports Field Improvements \$5,000,000
Funding will provide for improvements to city sports fields not recently upgraded to enhance safety and appearance of the fields for the participants and visitors to enjoy. Work could include upgrades to lighting, irrigation, parking lots, fields, concession stands, infrastructure and other amenities.

- | | | |
|----|---|--------------------|
| 7 | <u>Senior Center Improvements</u> | <u>\$5,000,000</u> |
| | This project will address improvements to senior centers throughout the City. Work will be planned to modernize the facilities to make them safer, more efficient, and more enjoyable for residents. | |
| 8 | <u>Recreation Center Improvements</u> | <u>\$5,000,000</u> |
| | Improvements to recreation centers will be made to upgrade and modernize the facilities to meet the needs of the residents in that area. | |
| 9 | <u>Golf Course Improvements</u> | <u>\$2,000,000</u> |
| | Improvements will be made as required to keep the City's existing two golf courses in good condition and to meet the needs of the users. | |
| 10 | <u>Oso Bay Nature Learning Center and Preserve (Phase III)</u> | <u>\$1,500,000</u> |
| | This project will include Phase III of the Oso Bay / Oso Park project and will include the construction of the exhibit hall and children's experiential learning play center. | |
| 11 | <u>Southside Maintenance Facility</u> | <u>\$2,000,000</u> |
| | The Parks & Recreation Department needs a permanent location and building to house recreation department supplies on the rapidly growing Southside of town. The facility would include a structure with office space, warehouse, loading dock, restroom and be ADA accessible throughout. | |
| 12 | <u>Tourist District Maintenance Facility</u> | <u>\$2,000,000</u> |
| | The Parks & Recreation Department needs a permanent location and building to house recreation department supplies within the tourist district. The facility would include a structure with office space, warehouse, loading dock, restroom and be ADA accessible throughout. | |
| 13 | <u>Heritage Park Improvements</u> | <u>\$2,000,000</u> |
| | Proposed funding would provide for restoration of the home, sidewalks, lighting, fencing, landscaping with irrigation and other improvements to provide a level of development comparable to the other historic homes in the park | |
| 14 | <u>Water garden Area Improvements</u> | <u>\$2,500,000</u> |
| | Proposed funding would provide for restoration of sidewalks, lighting, landscaping with irrigation and other improvements. | |

15	<u>Oso Bay Railroad Trestle - Hike and Bike</u>	<u>\$11,500,000</u>
	Identified both in the 2012 Parks and Recreation Master Plan and Mobility CC, this abandoned trestle will provide bicycle / pedestrian access to and from Flour Buff across Oso Bay. This project will include the design and construction of the bridge in addition to any required land purchases, park improvements and trail improvements necessary to complete the connection.	
16	<u>JFK Boat Ramp (Billings and Clems Marina Parking Lot, Phase 3)</u>	<u>\$1,000,000</u>
	This project will continue the phased work to the parking lot and marina facilities at the Billings and Clems Marina to the extent that funding allows.	
17	<u>Washington Park (Harbor Bridge Related)</u>	<u>\$1,000,000</u>
	Land purchases and park improvements in conjunction with the Harbor Bridge relocation project.	
18	<u>Ben Garza Park Improvements (Harbor Bridge Related)</u>	<u>\$500,000</u>
	Land purchases and park improvements in conjunction with the Harbor Bridge relocation project.	
19	<u>Hill Crest Park Improvements (Harbor Bridge Related)</u>	<u>\$250,000</u>
	Land purchases and park improvements in conjunction with the Harbor Bridge relocation project.	

- 20 Mega Recreation Center - 25,000 Square Feet \$25,000,000
 The construction of a state of the art recreation facility is one of the priority development elements identified in the 2012 Parks and Recreation Master Plan. The facility will provide space for recreational, cultural, social and athletic activities in one convenient location.
- 21 Demitt Pier Renovation of Lighting and Decking \$2,000,000
 This pier is located in Flour Bluff next to the Laguna Madre Wastewater Treatment Plant. The structure is aging and in need of major renovation to address continuing deterioration and safety concerns. The decking of the pier walkway needs to be replaced as well as the existing lighting system.
- 22 Community Park Master Planning \$1,000,000
 Proposed funding provides for professional services to evaluate all of the City's neighborhood parks and recommend the number of sectors or cells to be identified for locations of keystone neighborhood parks. The scope of work would include developing and preparation of park planning through the comprehensive plan, new plans for re-development, consistent with the Parks, Recreation & Open Space Plan.

PACKERY CHANNEL IMPROVEMENTS

- 23 Packery Channel Improvements Phase 7 Administration and Maintenance Building (Continuation) \$879,000
 This project includes parking lots on the beach along the north side and the south side of the channel. Development of this project will be pending USACE and TGLO approval and authorization. Project initiation schedule pending availability of funds and completion of previous phases.
- 24 Packery Channel Miscellaneous Improvements \$510,000
 This project includes funds for yearly identified projects to support Packery Channel exclusive of the previously identified capital projects Phases 3 through 7. 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 the Island Action Committee, TIRZ #2 and City Council approval.

MARINA

- | | | |
|----|---|--------------------|
| 25 | <u>Marina Administration Offices</u> | <u>\$3,900,000</u> |
| | Construction of a new Marina Lighthouse administration office building is proposed on the Lawrence Street T-Head or Shoreline median. An approximately 8,000 square foot four-story lighthouse building to include shopping, offices for Marina Administration, a conference room, restrooms, Marina Patrol observation office, Convention and Visitors Bureau & Regional Transportation Authority Information office, fifth level for Port of CC Harbor Masters Office with commanding view of entire CC Ship Channel & CC Bay, an observation deck at the top is proposed. The project would utilize part of the design of the original Corpus Christi Lighthouse built on the Bluff during the Civil War and demolished in 1878. | |
| 26 | <u>New Buoy Floating Moorings in North Basin just north of Peoples Street T-Head for Mooring Boats</u> | <u>\$150,000</u> |
| | This project would include the funding to design and construct floating moorings for permanent and transient boat area. | |
| 27 | <u>Marina Dredging</u> | <u>\$4,000,000</u> |
| | Funding is recommended for maintenance dredging operations within the Marina basins and fairways. | |
| 28 | <u>Marina Site Improvements</u> | <u>\$850,000</u> |
| | Lift stations, electrical equipment rooms, storage rooms, improvements, landscaping the stem and head portions of the land masses, irrigation, soil improvements and site furnishings. Attractive uniform signage and landscaping to the seawall are desired to soften the appearance of all Marina facilities. | |
| 29 | <u>Breakwater Renovation/Reconstruction</u> | <u>\$2,000,000</u> |
| | Replacement of Marina Breakwater promenade in the Marina South Basin / public bathrooms / lighting and dividing the marina southern basin from McGee Beach is recommended under this project. | |
| 30 | <u>Boating Educational Center / Regatta World Championship Procurement Office</u> | <u>\$650,000</u> |
| | This project would construct a procurement office for the World Boating Championships / Kids / Adult Marine / Sailing Center. | |
| 31 | <u>Boat Haul-Out Center Renovation and Expansion</u> | <u>\$4,850,000</u> |
| | This project recommends bringing the Haul-Out Facility up to EPA/TCEQ Standards and expand land and boat lift launch area to accommodate large Boats / Races / Regattas / Boat Storage / Boat Dry Stack Storage. | |

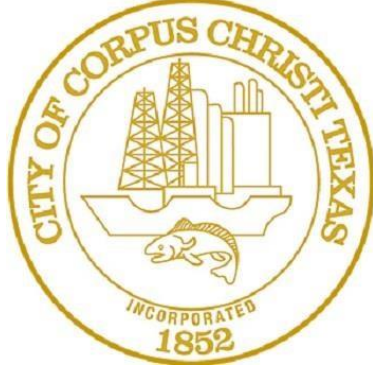
32 Marina Asphalt, Repair, Renovation and Security / Gate / Lighting System \$1,900,000

This project would repair asphalt throughout the three landmasses as well as provide for new Security / Gate / Lighting / Camera System throughout marina complex with proximity card readers at all marina gates and bathroom facilities.

33 McGee Beach Exterior and Jerry Lights Bath House and Concession Stand TBD

Funding would be used to renovate the concession stand to a tourist-friendly environment, remodel the restrooms to meet current codes and specifications, and include the installation of lighting along the jetty.

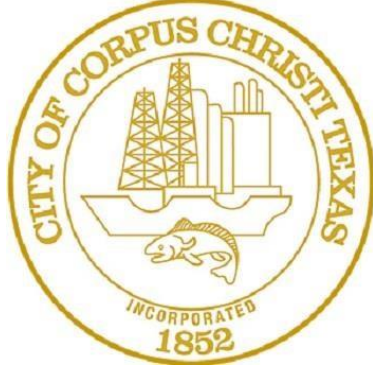
TOTAL FUTURE CAPITAL IMPROVEMENT NEEDS: **\$ 110,939,000**

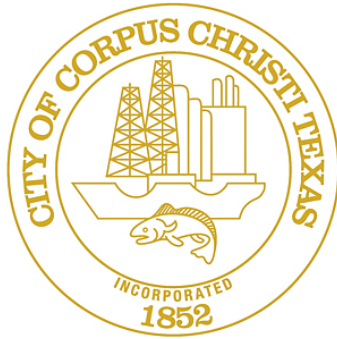




PUBLIC FACILITIES

Obligation to the Future





CORPUS CHRISTI PUBLIC FACILITIES PROGRAM

One focus of the Fiscal Year 2016 Public Facilities Program is directed at the construction phase of Bond Issue 2012 Projects listed in Proposition Three: Service Center and Proposition Five: Museum and Library. This will include a new Signs & Signals Shop and Roof Replacements at three City facilities.

A second focus of this year's program includes additional improvements to City facilities through the use of a yearly structured program to identify and correct deficiencies as determined through a comprehensive Public Facilities Master Sizing Plan. This plan was funded in Fiscal Year 2015 and will be developed in Fiscal Year 2016 to determine the 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 will be funded yearly through the issuance of Certificates of Obligation and will be prioritized and completed to the extent that funding allows.

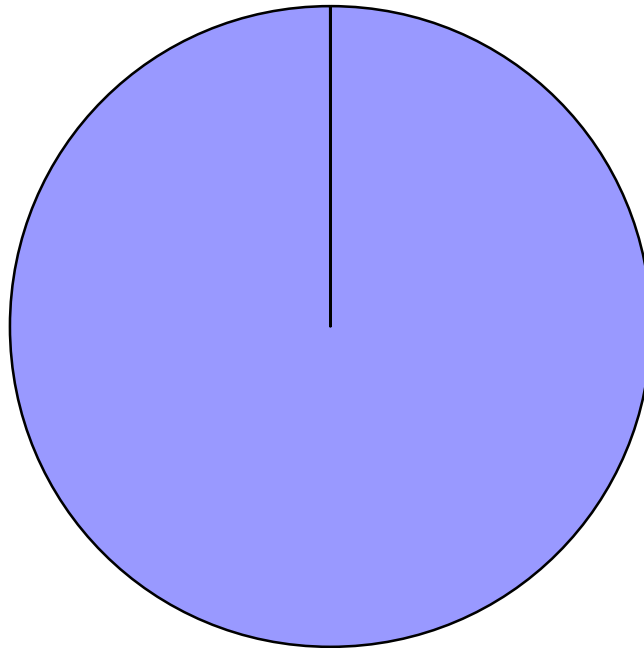
The Public Facilities Long-Range Program continues to identify improvements to city-owned facilities to address aging infrastructure, increase energy efficiency and modernize existing technology. Corrective actions will be planned through either future bond elections or the yearly master plan improvement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

A recap of the Public Facilities Capital Improvement Budget for Fiscal Year 2015 - 2016 includes:

	YEAR ONE 2015 – 2016	YEAR TWO 2016 – 2017	YEAR THREE 2017 – 2018
TOTAL PROGRAMMED EXPENDITURES:	\$ 2,000,000	\$ 2,000,000	\$ 2,000,000
CURRENTLY AVAILABLE FUNDING:			
Certificates of Obligation	\$ 2,000,000	\$ 2,000,000	\$ 2,000,000
TOTAL PROGRAMMED FUNDS:	\$ 2,000,000	\$ 2,000,000	\$ 2,000,000

**Public Facilities
Annual CIP: \$2,000.0
(Amounts in 000's)**

Comprehensive Facilities
Improvements,
\$2,000.0 - 100%



Seq #	Project Name	Project-to-Date Obligations April 2015	Unspent Prior Budget as of May 2015	CIP Budget Year 1 2015 - 2016	Year 2 2016 - 2017	Year 3 2017 - 2018	Three Year Total
PF 01	Street & Solid Waste Administration Building Roof Replacement Finance and Engineering Number: E12109	51.3	248.7	-			-
PF 02	Signs/Signal Operations - New Shop and Office Facility Finance and Engineering Number: E12110	176.5	2,323.5	-			-
PF 03	Museum Roof Replacement Finance and Engineering Number: E12120	138.8	1,461.2	-			-
PF 04	Central Library Roof Replacement Finance and Engineering Number: E12121	29.2	230.7	-			-
PF 05	Owen R. Hopkins & Garcia Library Roof Replacement Finance and Engineering Number: E12122	20.4	59.6	-			-
PF 06	Comprehensive Facilities Improvements Finance Number: TBD Engineering Number: TBD	-	-	2,000.0	2,000.0	2,000.0	6,000.0
	Program Total:	416.2	4,323.7	2,000.0	2,000.0	2,000.0	6,000.0
	Bond Issue 2012 Proceeds	416.2	4,323.7	-	-	-	-
	Certificates of Obligation	-	-	2,000.0	2,000.0	2,000.0	6,000.0

Seq #	Project Name	Project-to-Date Obligations April 2015	Unspent Prior Budget as of May 2015	CIP Budget Year 1 2015 - 2016	Year 2 2016 - 2017	Year 3 2017 - 2018	Three Year Total
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	Total Currently Available:	416.2	4,323.7	2,000.0	2,000.0	2,000.0	6,000.0
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RECOMMENDED ADDITIONAL FUNDING:

		-	-	-	-	-	-
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	Total Funding Source:	416.2	4,323.7	2,000.0	2,000.0	2,000.0	6,000.0
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Bond 2012 Proposition Three: SERVICE CENTER COMPLEX

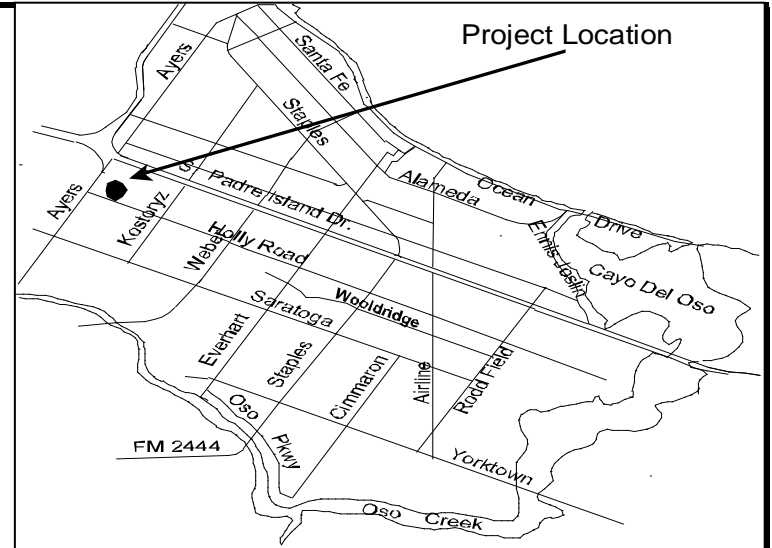
Sequence #01

PROJECT TITLE: Streets & Solid Waste Administration Building Roof Repair

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

DESCRIPTION:

This project proposes the repair of the existing membrane roof system including, accessories, HVAC equipment supports, HVAC condensate piping, and storm drainage piping and roof drains.



FUNDING SCHEDULE (Amounts in 000's)

Use of Funds	Project-to-Date Obligations April 2015	Unspent Prior Budget as of May 2015	CIP Budget Year 1 2015 - 2016	Year 2 2016 - 2017	Year 3 2017 - 2018	Three Year Total	PROJECT NOTES:
Design & Engineering	44.8					-	Capital Budget Project No: SC13-001
Construction		200.0				-	Engineering Project No: E12109
Contingency		20.0				-	Finance Project No: E12109
Inspection/Other	6.5	28.7				-	A/E Consultant: Turner Ramirez
TOTAL:	51.3	248.7				-	Contractor: JOC
Source of Funds							Award Design: January 2013
Bond Issue 2012	51.3	248.7				-	Award Construction: Fall 2015
TOTAL:	51.3	248.7				-	Anticipated Completion: Spring 2016 Total Project Value: \$300,000

OPERATIONAL IMPACT:

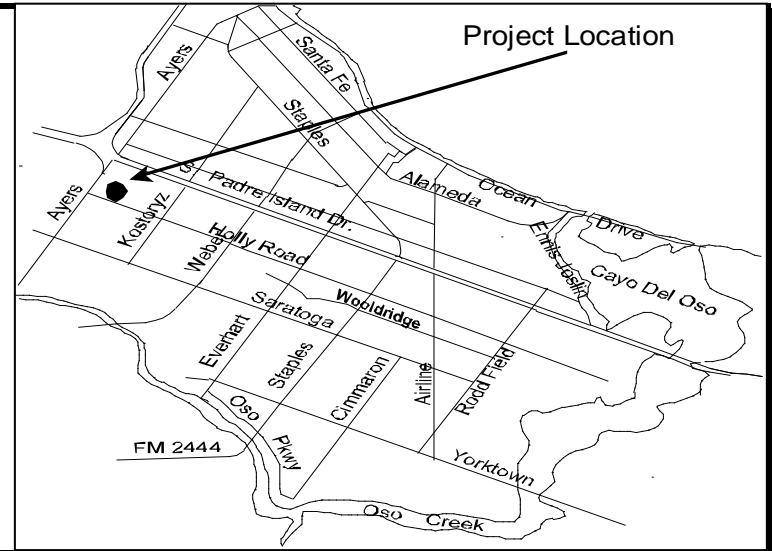
An improved roof system should result in reduced electrical consumption, but the results would be nominal. A new high-efficiency HVAC unit will provide operational savings in maintenance and repairs as well as lower electrical consumption.

PROJECT TITLE: Signs/Signal Operations - New Shop and Office Facility

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

DESCRIPTION:

This project proposes a new 12,000 SF facility to accommodate warehouse/garage, offices, common spaces, conference rooms, restrooms, and common break room requirements to accommodate Signs, Signals, Markings and Traffic Engineering personnel. This project also includes demolition of the existing sign shop building which is beyond repair. This project will be constructed as a design / build contract to economize on cost.



FUNDING SCHEDULE (Amounts in 000's)

Use of Funds	Project-to-Date Obligations April 2015	Unspent Prior Budget as of May 2015	CIP Budget Year 1 2015 - 2016	Year 2 2016 - 2017	Year 3 2017 - 2018	Three Year Total	PROJECT NOTES:
Design & Engineering	156.0					-	Capital Budget Project No: SC13-002
Construction		2,000.0				-	Engineering Project No: E12110
Contingency		200.0				-	Finance Project No: E12110
Inspection/Other	20.5	123.5				-	Design/Build Contractor: TBD
TOTAL:	176.5	2,323.5				-	Award Contract: Fall 2015
Source of Funds							Anticipated Completion: Fall 2016
Bond Issue 2012	176.5	2,323.5				-	
TOTAL:	176.5	2,323.5				-	Total Project Value: \$2,500,000

OPERATIONAL IMPACT:

The current department operating budget should be able to absorb the operating budget of the new building. The new building will be considerably more energy efficient, but due to the increase in square footage, the energy costs should remain the same.

Bond 2012 Proposition Five: MUSEUM AND LIBRARY IMPROVEMENTS

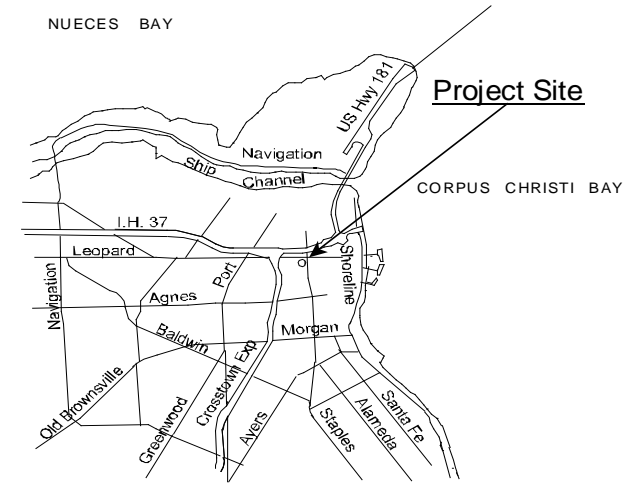
Sequence #03

PROJECT TITLE: Museum Roof Replacement

Consistency with Comprehensive Plan; Policy Statements pp. 48: 3 & 6; 52

DESCRIPTION:

This project proposes the complete replacement of the existing membrane roof system including storm drainage piping and drains. This project also proposes the replacement of the glass/glazing system at the two sides of the children's interactive activity area. A rainwater collection system-composite will be included.



FUNDING SCHEDULE (Amounts in 000's)

Use of Funds	Project-to-Date Obligations April 2015	Unspent Prior Budget as of May 2015	CIP Budget Year 1 2015 - 2016	Year 2 2016 - 2017	Year 3 2017 - 2018	Three Year Total	PROJECT NOTES:
Design & Engineering	130.0					-	Capital Budget Project No: PF13-001
Construction		1,250.0				-	Engineering Project No: E12120
Contingency		120.0				-	Finance Project No: E12120
Inspection/Other	8.8	91.2				-	A/E Consultants: Solka Nava Torno
TOTAL:	138.8	1,461.2				-	Contractor: TBD
Source of Funds							Award Design: March 2013
Bond Issue 2012	138.8	1,461.2				-	Award Construction: October 2015
TOTAL:	138.8	1,461.2				-	Anticipated Completion: July 2016 Total Project Value: \$1,600,000

OPERATIONAL IMPACT:

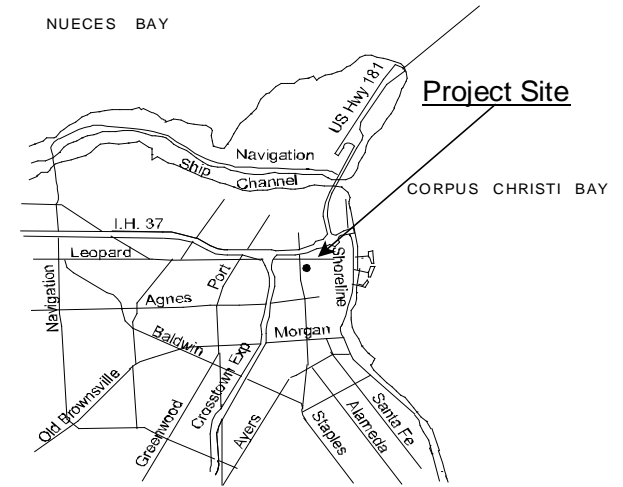
Due to the new roof, there could be minor reductions in electrical consumption, but the results would be nominal.

PROJECT TITLE: Central Library Roof Replacement

Consistency with Comprehensive Plan; Policy Statements pp. 48: 3 & 6; 52

DESCRIPTION:

This project proposes the replacement of the roofing system at the low flat roof and required modifications to the parapet wall base/counter flashing to eliminate water infiltration. Additional work includes repairs to the stucco wall system at the cupola, gutter and downspouts, and attachment clips, failing and/or missing clay roof tiles. A rainwater collection system is also included. This project will be part of a design / build project to economize on costs.



FUNDING SCHEDULE (Amounts in 000's)

Use of Funds	Project-to-Date Obligations March 2014	Unspent Prior Budget as of April 2014	CIP Budget Year 1 2014 - 2015	Year 2 2015 - 2016	Year 3 2016 - 2017	Three Year Total	PROJECT NOTES:
Design & Engineering	22.8					-	Capital Budget Project No: PF13-002
Construction		200.0				-	Engineering Project No: E12121
Contingency		20.0				-	Finance Project No: E12121
Inspection/Other	6.4	10.7				-	Design/Build Contractor: TBD
TOTAL:	29.2	230.7				-	Award Contract: TBD
Source of Funds							Anticipated Completion: TBD
Bond Issue 2012	29.2	230.7				-	
TOTAL:	29.2	230.7				-	Total Project Value: \$260,000

OPERATIONAL IMPACT:

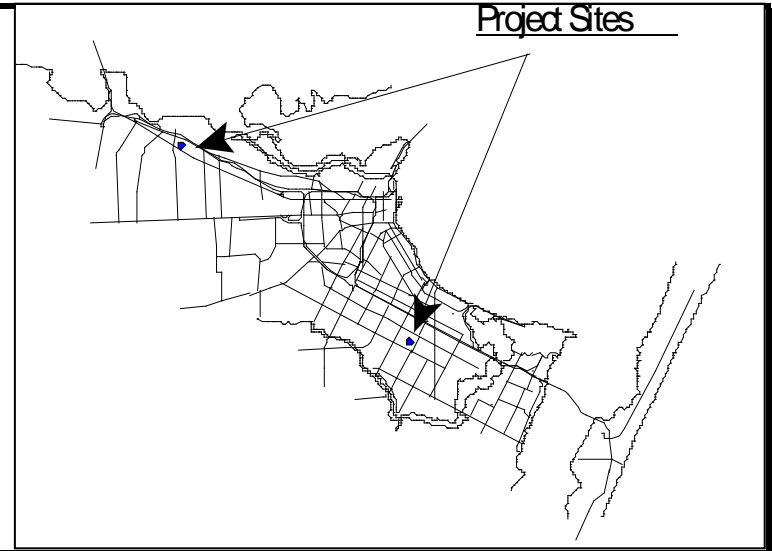
Due to the new roof, there could be minor reductions in electrical consumption, but the results would be nominal.

PROJECT TITLE: Owen R Hopkins and Garcia Library Roof Repair

Consistency with Comprehensive Plan; Policy Statements pp. 48: 3 & 6; 52

DESCRIPTION:

This project proposes the replacement of roof to parapet wall base/counter flashing and expansion joint to eliminate water infiltration. A new storm water collection/roof drain system will be included.



FUNDING SCHEDULE (Amounts in 000's)

Use of Funds	Project-to-Date Obligations April 2015	Unspent Prior Budget as of May 2015	CIP Budget Year 1 2015 - 2016	Year 2 2016 - 2017	Year 3 2017 - 2018	Three Year Total	PROJECT NOTES:
Design & Engineering	10.0					-	Capital Budget Project No: PF13-003
Construction		50.0				-	Engineering Project No: E12122
Contingency		4.0				-	Finance Project No: E12122
Inspection/Other	10.4	5.6				-	A/E Consultants: Solka Nava Torno
TOTAL:	20.4	59.6				-	Job Order Contract: TBD
Source of Funds							Award Design: March 2013
Bond Issue 2012	20.4	59.6				-	Award Construction: Fall 2015
TOTAL:	20.4	59.6				-	Anticipated Completion: Spring 2016 Total Project Value: \$80,000

OPERATIONAL IMPACT:

Due to the new roof, there could be minor reductions in electrical consumption, but the results would be nominal.

DEPARTMENT: **Public Facilities**

Sequence #06

CITY WIDE

PROJECT TITLE: Comprehensive Facilities Improvements

Consistency with Comprehensive Plan: PS pg 48: 1, 3 & 6; Sustainability initiative

DESCRIPTION:

This project will provide for the construction of projects identified through the Comprehensive Facilities Master Plan. Work will include structural improvements, roofing, chillers and other capital outlay items to be completed on a yearly basis as funding allows.



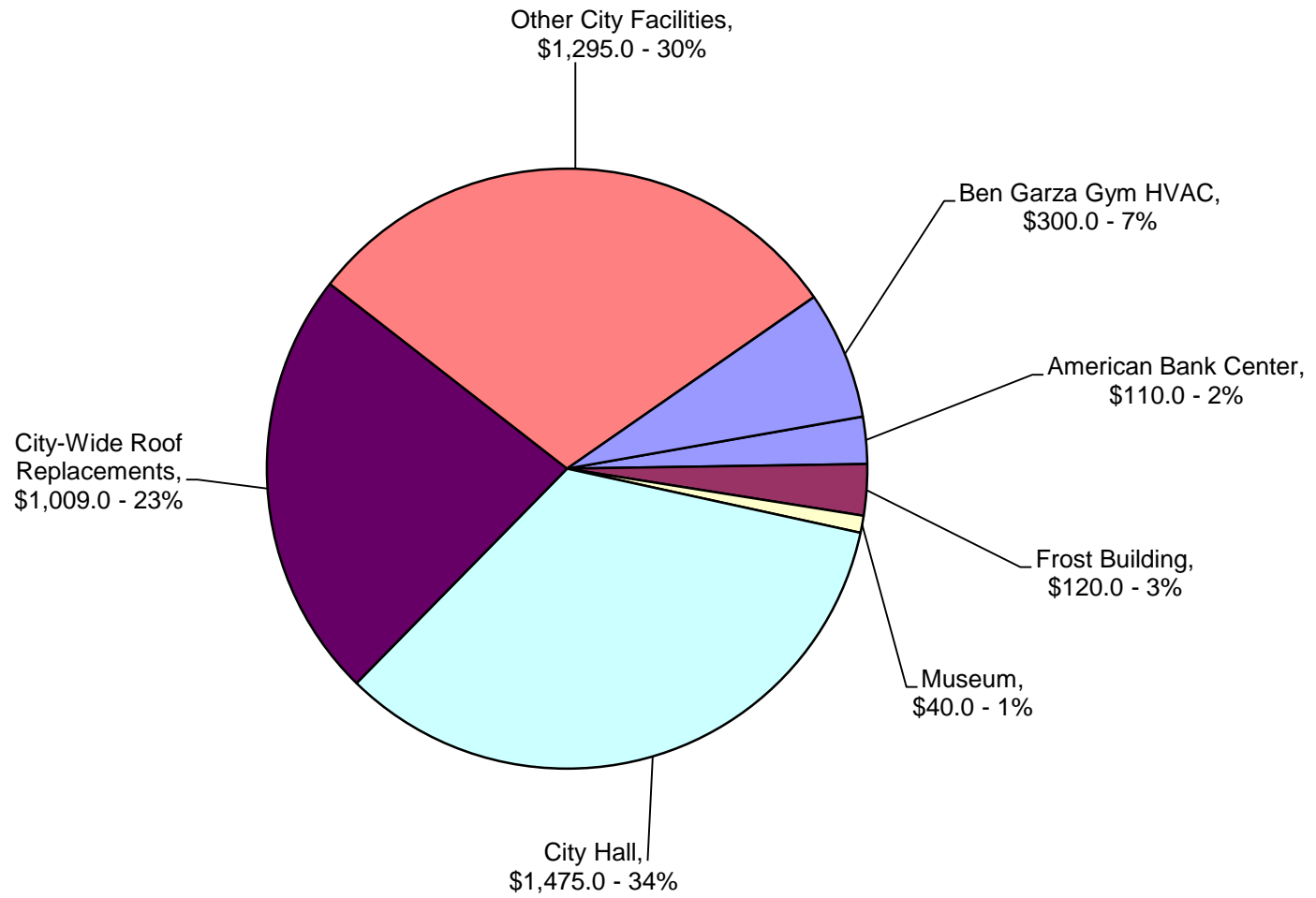
FUNDING SCHEDULE (Amounts in 000's)

Use of Funds	Project-to-Date Obligations April 2015	Unspent Prior Budget as of May 2015	CIP Budget Year 1 2015 - 2016	Year 2 2016 - 2017	Year 3 2017 - 2018	Three Year Total	PROJECT NOTES:
Design & Engineering			140.0	140.0	140.0	420.0	Capital Budget Project No: 12001
Construction			1,600.0	1,600.0	1,600.0	4,800.0	Engineering Project No: TBD
Contingency			160.0	160.0	160.0	480.0	Finance Project No: TBD
Inspection/Other			100.0	100.0	100.0	300.0	A/E Consultant: RFQ
TOTAL:			2,000.0	2,000.0	2,000.0	6,000.0	Contractor: N/A
Source of Funds							Award Design: TBD
Certificates of Obligation			2,000.0	2,000.0	2,000.0	6,000.0	Award Construction: TBD
TOTAL:			2,000.0	2,000.0	2,000.0	6,000.0	Anticipated Completion: TBD
							Total Project Value: \$2,000,000 per/yr

OPERATIONAL IMPACT:

Unable to anticipate impact at this time.

Public Facilities
Long-Range CIP: \$4,349.0
(Amounts in 000's)



MUSEUM

- 1 Address Rain Intrusion Problems \$40,000
The south building parapet needs to be re-flashed. The east windows need to be re-glazed, and the east balcony needs to be re-sealed to avoid water leaking into the Museum.

- 2 Water garden Accessible Driveway TBD
To improve the accessibility and visibility of the Museum of Science and History and the Art Museum with its new addition, the team of Sasaki/Gignac have recommended the installation of a new circular roadway in the Water garden. This project was also recommended by the Museum's consultant, Ralph Applebaum and Associates, in their Visualization Concept study.

- 3 Acquisition of the Corps of Engineers Site TBD
This project proposes to acquire the current Corps of Engineers property to allow for private development in the Water garden area consistent with Sasaki/Gignac conceptual plan of October 2006.

BEN GARZA GYM

- 4 Ben Garza Gym HVAC Replacement \$300,000
The four main rooftop units are all over twenty years old, high maintenance cost consumers, and materially obsolescent. All units are in very poor condition and repairs are only effective for short duration. The units will continue to break down to the point of mandatory emergency replacement.

CITY WIDE FACILITIES ROOF REPLACEMENTS

- | | | |
|----|---|------------------|
| 5 | Ben Garza Gym Roof Replacement | <u>\$150,000</u> |
| | A new and improved roof is necessary to protect the Ben Garza Gymnasium. The existing roof is causing water damage internally and externally and if not corrected water infiltration will eventually lead to more serious conditions such as mold, mildew and damage to equipment. | |
| 6 | City Senior Centers - City Wide | <u>TBD</u> |
| | This project will consist of a phased roof replacement on all City Senior Center 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. | |
| 7 | City Recreation Centers - City Wide | <u>TBD</u> |
| | This project will consist of a phased roof replacement on all City Recreation 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. | |
| 8 | Neyland Library New Roof | <u>\$75,000</u> |
| | A new and improved roof is necessary to protect the Neyland Library. The existing roof is causing water damage internally and if not corrected water infiltration will eventually lead to more serious conditions such as mold, mildew and damage to equipment. | |
| 9 | HEB Tennis Center Court Lounge New Roof | <u>\$80,000</u> |
| | A new and improved roof is necessary to protect the HEB Tennis Court Lounge. The existing roof is causing water damage internally and externally and if not corrected water infiltration will eventually lead to more serious conditions such as mold, mildew and damage to city equipment. | |
| 10 | Fire Station #13 New Roof | <u>\$134,000</u> |
| | A new and improved roof is necessary to protect Fire Station #13. The existing roof is causing water damage internally and externally and if not corrected water infiltration will eventually lead to more serious conditions such as mold, mildew and damage to equipment. | |
| 11 | Fire Station #14 New Lower Roof | <u>\$100,000</u> |
| | A new and improved lower roof is needed for Fire Station #14. The existing roof has caused damages to the existing parapet edges. Eventually, repair will be more expensive than replacement. | |
| 12 | Warehouse Stores New Roof | <u>\$250,000</u> |
| | A new and improved roof is necessary to protect the Warehouse Stores building. The existing roof is causing water damage internally and externally and if not corrected water infiltration will eventually lead to more serious conditions such as mold, mildew and damage to city equipment. | |

CITY WIDE FACILITIES ROOF REPLACEMENTS (cont'd)

- 13 Allison Wastewater Treatment Plant New Roof \$120,000
A new and improved roof is necessary to protect the Allison Wastewater Treatment Plant Main Building. The existing roof is causing water damage internally and externally and if not corrected water infiltration will eventually lead to more serious conditions such as mold, mildew and damage to city equipment.
- 14 ON Stevens Water Treatment Plant New Roof \$100,000
A new and improved roof is necessary to protect the ON Stevens Water Treatment Plant Chemical Building. The existing roof is causing water damage internally and externally and if not corrected water infiltration will eventually lead to more serious conditions such as mold, mildew and damage to city equipment.

CITY HALL

- 15 Atrium Skylight Refurbishment \$55,000
This project will provide standard five (5) year reseal required due to harsh environmental exposure.
- 16 Flat Roof Resealing \$350,000
Minor leaks have developed over the past year in various locations on the 5th and 2nd Floors. Breaks in roof material permit water to migrate through cracks in concrete roof structure into building spaces. This project would consist of application of roofing system to restore water tight integrity.
- 17 Main Electrical Control Banks \$350,000
The original installation is now obsolescent technology and experiences decreased reliability. This project consists of upgrading breakers, wiring and indicators on panels.
- 18 Data Center Fire Suppression Upgrade \$250,000
The current system uses Halon as a suppression agent which was discontinued per EPA direction several years ago. This project would replace storage bottles, piping, control/spray heads and monitoring hardware with compliant/updated materials.
- 19 Electrical System Survey/Load Analysis \$95,000
Extensive alterations and remodels of the facility require load analysis, circuit tracing, panel identification and labeling throughout the facility to ensure compliance with fire and safety codes.
- 20 Data Center HVAC System Upgrades \$375,000
The current system is an 18-year-old 50-Ton McQuay compressor providing chilled water to four closed circuit air handlers. Extensive additions of servers and ancillary equipment over the years has resulted in heat loads being generated that exceed the capacity of the system, causing the compressor to run both sides continually, while not achieving set point temperatures required to support servers. Planned additions to server installations will further exacerbate current conditions and result in deterioration of equipment installed in the space. This project will require an extensive thermal load survey (current and planned) by mechanical engineers, followed by capacity upgrades to compressor unit and air handling units.

CITY SERVICE CENTER

- 21 Maintenance Building 3B TBD
Foundation settlement has occurred along the perimeter suspended foundation beam and precast panel at the City's Service Center. This has caused an interior Concrete Masonry Unit (CMU) wall not resting on a foundation beam to drop and crack approximately two-inches at the worst location. It appears the six-inch slab is not doweled to the pier supported precast wall foundation. Foundation should have been constructed on a suspended concrete beam on piers or at least had the slab on grade doweled to the perimeter beam. There are two potential solutions:
1. Remove concrete slab on grade foundation and intermediate CMU walls. Re-build as a suspended pier and beam foundation and rebuild CMU walls.
2. Remove concrete slab on grade foundation and intermediate CMU walls. Re-build slab on grade foundation doweled to beams with suspended interior grade beam on piers under CMU wall, and rebuild CMU walls.
- 22 Heavy Duty Vehicle Wash \$85,000
A dual loop above-ground high pressure fresh water spray facility is necessary to permit drive-thru cleaning of City Fleet Vehicles.

ELEVATOR CODE CORRECTIONS

- 23 Elevator Code Corrections \$810,000
A majority of elevators in City Facilities are operating under waivers from the State for correction of inspection deficiencies noted during annual Qualified Electrical Inspections. While none are "safety related" according to State regulations, many have reached the point of equipment obsolescence and will no longer be waived by the State (e.g. Fire Alarm Panels, Hoistway Lighting, etc.).

AMERICAN BANK CENTER

- 24 Expansion of Shop Structure \$110,000
The Building Maintenance Shop needs to be expanded the equivalent of four equipment bays parallel to the Storm Water Ditch (West Side) to accommodate electrical repair and plumbing trades. This will also free up floor space to permit effective use of carpenter shop equipment. The current facility is a 30-year-old structure previously used to store equipment.

FROST BUILDING

- 25 Lighting Control Upgrades \$60,000
Electrical service has now become the largest direct operational cost for major City facilities. This project would install composite (infrared & motion) detectors to control lighting in unoccupied offices, meeting spaces, and storage areas. Work can be sequenced by zone/floor and in-house electricians can be used for installation.
- 26 Electrical Service Panel Relocation \$60,000
During a remodeling project of the building, one main circuit breaker panel serving the City-side of the facility was left on the Frost Bank side of the common dividing wall. This project would relocate panel & associated circuits to the City spaces to permit access in emergency situations.
- 27 Secondary Emergency Generator TBD
Primary emergency generator & switchgear is located at ground level exterior to the facility. Severe flooding, missile hazards, or fuel shortages will render unit unserviceable and jeopardize Emergency Operations Center operations. A recommended secondary unit would be placed in the 4th Floor Mechanical Room (previous location of original 2-cylinder unit used by Frost Bank), powered by natural gas (no fuel storage required & reliable source) using turbine or diesel prime mover.

HEAVY EQUIPMENT VEHICLE SHOP

- 28 Building Expansion TBD
The existing space needs to be expanded to accommodate an additional six (6) heavy equipment bays for large vehicles and construction equipment. Three new bays would include above ground heavy duty vehicle lifts, one would include below surface service pit, and the other two would include at surface level bays.
- 29 Exterior Work Area Cover \$75,000
A cover is needed to provide the mechanics shelter from sun and rain and protect the equipment during vehicle maintenance.

SOLID WASTE BUILDING

- 30 HVAC Upgrades \$325,000
This building currently uses spot system (multiple rooftop compressors) that only covers small zones within building. Air flows are uneven and high maintenance is required due to age and location of roof units. This project would replace the existing system with a single compressor and dual air handlers (one each side of building) with centralized control/monitoring system.

LIBRARY

31 Expansion of Neyland Library TBD

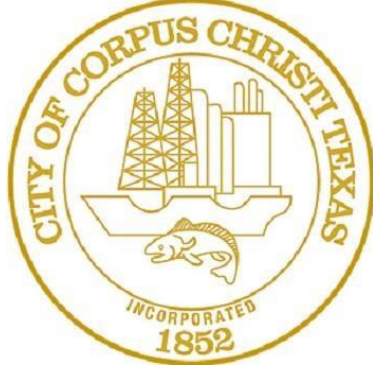
This project would provide for the expansion of the Neyland Library building to accommodate the library administrative offices and the resources from the Retama Library. This will enable the closure of the Retama Library and accomplish a reduction of floor spaces and a reduction in library operating cost. It will also provide a building for the Police Department to move in and expand to meet their floor space needs. The old Police Department building could be made available to the Municipal Court or others as needed.

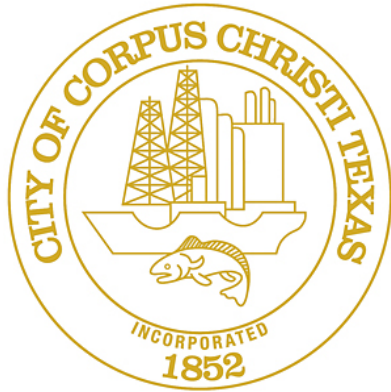
TOTAL FUTURE CAPITAL IMPROVEMENT NEEDS: \$4,349,000



PUBLIC HEALTH

Obligation to the Future





CITY OF CORPUS CHRISTI PUBLIC HEALTH & SAFETY PROGRAM

The Fiscal Year 2016 Public Health & Safety Capital Program does not require any new funding for this year. All projects shown will be completed through existing appropriated funds or are not required until a future date.

General Obligation Bond supported projects include the construction of Phase Two of a Vehicle Impound Yard and Garage and the construction of a New Fire Station #18 in the area of Ayers and Saratoga. Both facilities will be located on existing City property.

Due to the sale of Certificates of Obligation last year, funding is not required for existing landfill projects. Currently underway are several projects that provide improvements at the J.C. Elliott and Cefé Valenzuela landfills. These projects include planning for future waste disposal needs and minimizing costs through the latest technological advances. Projects exploring the use of alternative energy sources will be pursued and additional area transfer stations are planned.

Any new projects utilizing Type A Board Sales Tax will be approved by the Corpus Christi Business and Job Development Corporation board during the year and then presented to City Council for approval and appropriation of funds at that time.

A final project for re-nourishment of Magee Beach is a joint project between the City and Texas General Land Office (TGLO). Approximately 1,800 feet of Corpus Christi Bay Shoreline will be re-nourished with the TGLO providing additional funds for design and construction.

A recap of the budgeted expenditures includes:

	YEAR ONE 2015 – 2016	YEAR TWO 2016 – 2017	YEAR THREE 2017 – 2018
TOTAL PROGRAMMED EXPENDITURES:	\$ 0	\$ 4,638,200	\$ 750,000
CURRENT AVAILABLE FUNDING:			
RECOMMENDED ADDITIONAL FUNDING:			
Certificates of Obligation	\$ 0	\$ 4,638,200	\$ 750,000
TOTAL PROGRAMMED FUNDS:	\$ 0	\$ 4,638,200	\$ 750,000

Seq #	Project Name	Project-to-Date Obligations April 2015	Unspent Prior Budget as of May 2015	CIP Budget Year 1 2015 - 2016	Year 2 2016 - 2017	Year 3 2017 - 2018	Three Year Total
PH 01	Vehicle Impound Yard, Phase 2 Finance and Engineering Number: E12126	138.7	561.3	-	-	-	-
PH 02	New Fire Station in area of Holly/Saratoga (Station #18) Finance Number: 140232 Engineering Number: 5246	181.8	1,669.6	-	-	-	-
PH 03	J.C. Elliott Landfill New Office Building Finance and Engineering Number: E11060	137.9	1,772.9	-	-	-	-
PH 04	J.C. Elliott Landfill Gas Management to Energy System Finance Number: 140063 Engineering Number: 5280	167.7	-	TBD	-	-	-
PH 05	Landfill Pavement / Roadway Life Cycle Replacement Finance Numbers: Various Engineering Numbers: Various	-	-	-	750.0	750.0	1,500.0
PH 06	Cefé Valenzuela Landfill Disposal Cells Interim Cover - Cells 3D, 4A and 4B Finance and Engineering Number: E11061	485.3	-	-	3,888.2	-	3,888.2
PH 07	Cefé Valenzuela Landfill Liquids (Leachate) Management Finance and Engineering Number: E11059	49.3	2,879.1	-	-	-	-

Seq #	Project Name	Project-to-Date Obligations April 2015	Unspent Prior Budget as of May 2015	CIP Budget Year 1 2015 - 2016	Year 2 2016 - 2017	Year 3 2017 - 2018	Three Year Total
PH 08	Cefé Valenzuela Landfill Disposal Cells Construction - Sectors 1B, 1C Finance and Engineering Number: E13035	4,057.7	563.8	-	-	-	-
PH 09	Seawall Capital Repairs Finance Number: E11090 Engineering Number: E11090	925.4	1,511.3	-	-	-	-
PH 10	Barge Dock Improvements Finance Number: E03426 Engineering Number: E03426	510.5	6,036.2	-	-	-	-
PH 11	Salt Flats Levee System - Phase 2 Finance Number: E12070 / E03428 Engineering Number: E12070 / E03428	732.1	4,401.5	-	-	-	-
PH 12	Magee Beach Nourishment Finance Number: TBD Engineering Number: TBD	-	1,200.0	-	-	-	-
	Program Total:	7,386.4	20,595.7	-	4,638.2	750.0	5,388.2

Seq #	Project Name	Project-to-Date Obligations April 2015	Unspent Prior Budget as of May 2015	CIP Budget Year 1 2015 - 2016	Year 2 2016 - 2017	Year 3 2017 - 2018	Three Year Total
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CURRENTLY AVAILABLE FUNDING:

	Bond 2008 Proceeds	181.8	1,619.6	-	-	-	-
	Bond 2012 Proceeds	138.7	561.3	-	-	-	-
	Sales Tax Proceeds	2,168.0	11,949.0	-	-	-	-
	Certificates of Obligation	4,897.9	5,215.8	-	-	-	-
	Street Capital Reserves		50.0	-	-	-	-
	Texas General Land Office		1,200.0	-			
	Total Currently Available:	7,386.4	20,595.7	-	-	-	-

RECOMMENDED ADDITIONAL FUNDING:

	Sales Tax Proceeds	-	-	-	-	-	-
	Certificates of Obligation	-	-	-	4,638.2	750.0	5,388.2
	Total Funding Source:	7,386.4	20,595.7	-	4,638.2	750.0	5,388.2

There are no new financial requirements for Public Health & Safety Fiscal Year 2015 - 2016 Capital Improvement Program at this time. All projects shown will be financed from existing funds or will be completed in future years.

Bond 2012 Proposition Seven: PUBLIC SAFETY IMPROVEMENTS

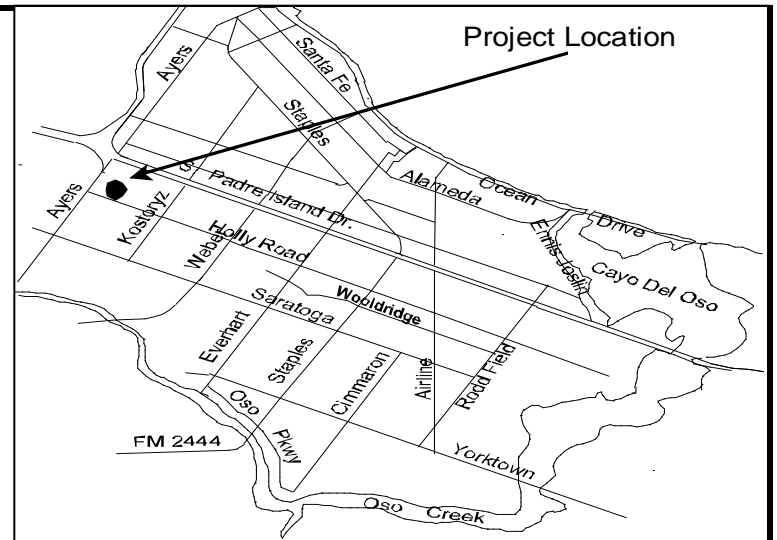
Sequence #01

PROJECT TITLE: Vehicle Impound Yard and Garage, Phase 2

Consistency with Comprehensive Plan; Policy Statements pp. 48: 3 & 6; 52

DESCRIPTION:

This Bond 2012 project proposed the expansion of the current Vehicle Impound Lot into the adjacent one acre of land owned by the City. The expansion would include a 3,000 square foot forensics garage for investigative work on vehicles and a holding area for vehicles involved in crime scenes. During preliminary design it was determined that the proposed location exceed available funds for unanticipated utility work and required permitting through the Texas Commission on Environmental Quality (TCEQ). Therefore, an alternate site is proposed adjacent to the old vehicle impound lot and next to where the Corpus Christi Police Department currently keeps their equipment and vehicles, located at the City's Service Center on Civitan Drive.



FUNDING SCHEDULE (Amounts in 000's)

Use of Funds	Project-to-Date Obligations April 2015	Unspent Prior Budget as of May 2015	CIP Budget Year 1 2015 - 2016	Year 2 2016 - 2017	Year 3 2017 - 2018	Three Year Total	PROJECT NOTES:
Design & Engineering	125.1	-				-	Capital Budget Project No: PS13-001
Construction	-	500.0				-	Engineering Project No: E12126
Contingency	-	30.0				-	Finance Project No: E12126
Inspection/Other	13.6	31.3				-	A/E Consultants: Freese Nichols
TOTAL:	138.7	561.3				-	Contractor: TBD
Source of Funds							Award Design: August 2014
Bond Issue 2012	138.7	561.3				-	Award Construction: Late 2015
TOTAL:	138.7	561.3				-	Anticipated Completion: Fiscal Year '16 Total Project Value: \$700,000

OPERATIONAL IMPACT:

The operational budget impact cannot be determined at this time, but will be developed more during the design phase of the project.

DEPARTMENT: **Public Health and Safety**

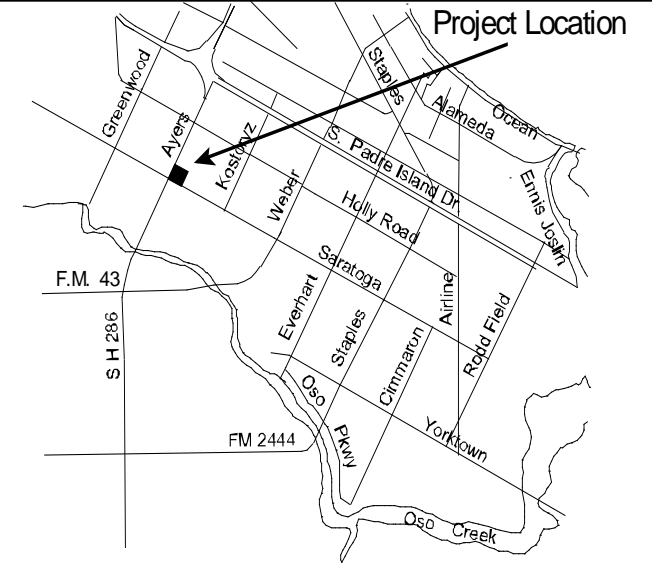
Sequence #02

PROJECT TITLE: New Fire Station in area of Holly / Saratoga (Station #18)

Consistency with the Comprehensive Plan: Policy Statements pg. 48: 3&6; pg. 50: a, b & c; 1994 South Side Fire Station Location Study Update

DESCRIPTION:

A new fire station will be constructed to meet the needs of development and increased call volume in the Ayers Road area between Saratoga Boulevard and SPID. This location responds to the 2005 Tridata Comprehensive Analysis of Fire and EMS Delivery Study to improve response time and coverage. The new station will be located on city-owned property at Ayers and Saratoga. Construction of this project is pending coordination with the Fire Department Operating Budget for staffing and operational needs.



FUNDING SCHEDULE (Amounts in 000's)

Use of Funds	Project-to-Date Obligations April 2015	Unspent Prior Budget as of May 2015	CIP Budget Year 1 2015 - 2016	Year 2 2016 - 2017	Year 3 2017 - 2018	Three Year Total	PROJECT NOTES:
Design & Engineering	162.6					-	Capital Budget Project No: 10004
Construction		1,375.0				-	Engineering Project No: 5246
Contingency		103.0				-	Finance Project No: 140232
Inspection/Other	19.2	191.6				-	A/E Consultant: Chuck Anastos
TOTAL:	181.8	1,669.6				-	Contractor: TBD
Source of Funds							Award Design: December '10
Bond 2008 Proceeds	181.8	1,619.6				-	Award Construction: TBD
Street Capital Reserves	-	50.0				-	Anticipated Completion: TBD
TOTAL:	181.8	1,619.6				-	Total Project Value: \$1,851,432

OPERATIONAL IMPACT:

When this station goes on-line, staffing will have to be increased by 15 FTE's at a cost of almost \$1,000,000 per year. Other costs for contractual services, supplies and station utilities is estimated at an additional \$125,000 per year.

DEPARTMENT: **Public Health and Safety**

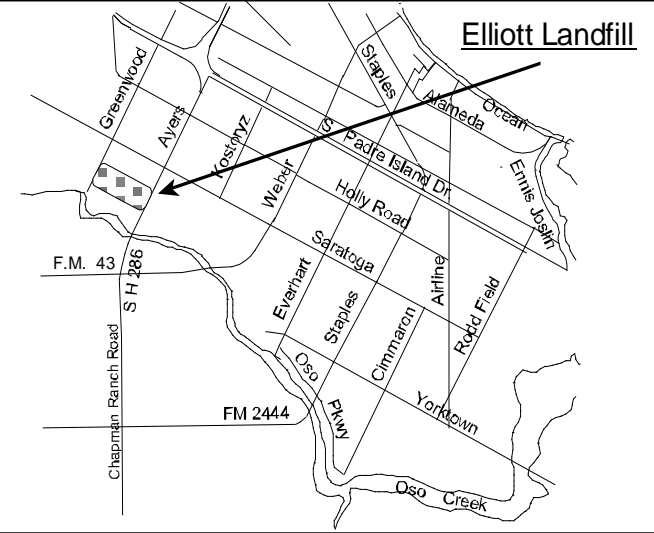
Sequence #03

PROJECT TITLE: J.C. Elliott Landfill New Office Building

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

DESCRIPTION:

This project will replace the existing office building which was acquired as a used manufactured building. The structure has reached the end of its serviceable life and requires constant maintenance. The new office is necessary to support landfill activity and employees at the J.C. Elliott Citizens Collection Center, Solid Waste Transfer Station and Scale House.



FUNDING SCHEDULE (Amounts in 000's)

Use of Funds	Project-to-Date Obligations April 2015	Unspent Prior Budget as of May 2015	CIP Budget Year 1 2015 - 2016	Year 2 2016 - 2017	Year 3 2017 - 2018	Three Year Total	PROJECT NOTES:
Design & Engineering	116.0	-				-	Capital Budget Project No: 10009 Engineering Project No: E11060 Finance Project No: E11060 A/E Consultant: Kleinfelder, Inc. Contractor: TBD Award Design: June 2013 Award Construction: December '15 Anticipated Completion: Fall 2016 Total Project Value: \$1,910,800
Construction	-	1,550.0				-	
Contingency	-	120.0				-	
Inspection/Other	21.9	102.9				-	
TOTAL:	137.9	1,772.9				-	
Source of Funds							
Certificates of Obligation	137.9	1,772.9				-	
TOTAL:	137.9	1,772.9	-			-	

OPERATIONAL IMPACT:

The operational impact of this project will be small, but positive. This project will replace an existing building which is inefficient and requires maintenance. A new building will reduce the need for constant maintenance and high utility costs.

DEPARTMENT: **Public Health and Safety**

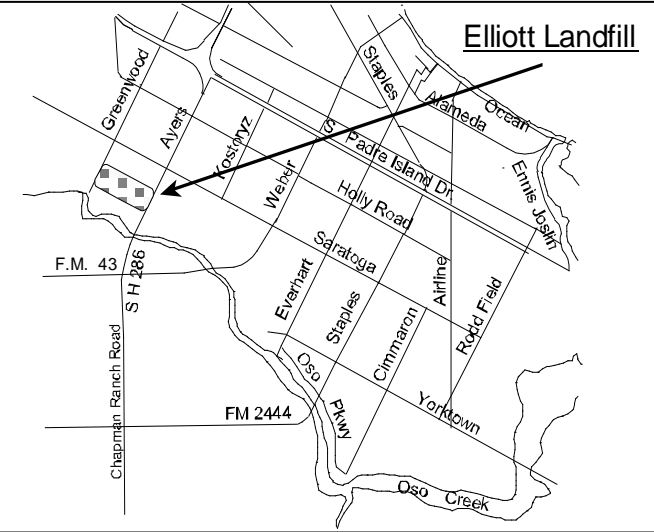
Sequence #04

PROJECT TITLE: J.C. Elliott Landfill Gas Management to Energy System

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

DESCRIPTION:

Prior year expenditures consist of the on-going development of a Request For Proposals (RFP) to solicit developer proposals for a landfill gas collection system for either a design-only or design-build system. This project is being explored to develop the potential construction of a gas powered electrical generation plant with the dual purpose of electrical generation power and the removal of greenhouse gas from the environment to improve air quality. If successful, this project could be used at other City-owned landfills and facilities. At this time, it is not known what the FY '15 costs may be.



FUNDING SCHEDULE (Amounts in 000's)

Use of Funds	Project-to-Date Obligations April 2015	Unspent Prior Budget as of May 2015	CIP Budget Year 1 2015 - 2016	Year 2 2016 - 2017	Year 3 2017 - 2018	Three Year Total	PROJECT NOTES:
Development of RFQ Package Design & Engineering Construction Contingency Inspection/Other	167.7		TBD				Capital Budget Project No: 10010 Engineering Project No: 5280 Finance Project No: 140063 A/E Consultant: Pending Contractor: TBD
TOTAL:	167.7						
Source of Funds							Award Design: Fiscal Year '17 Award Construction: TBD Anticipated Completion: TBD
Certificates of Obligation	167.7		TBD				
TOTAL:	167.7						Total Project Value: \$TBD

OPERATIONAL IMPACT:

This project could result in large revenue generation from alternate energy production sources such as landfill gas. During the RFP review, the details of design, construction, costs and management will be developed. This project could also result in the elimination of retail purchases of electricity at the Greenwood Wastewater Treatment Plant. Electricity being generated at the landfill would be purchased by the Utility Fund at less than the commercial retail cost of electricity. If successful, this project could result in savings at facilities throughout the City.

DEPARTMENT: Public Health and Safety

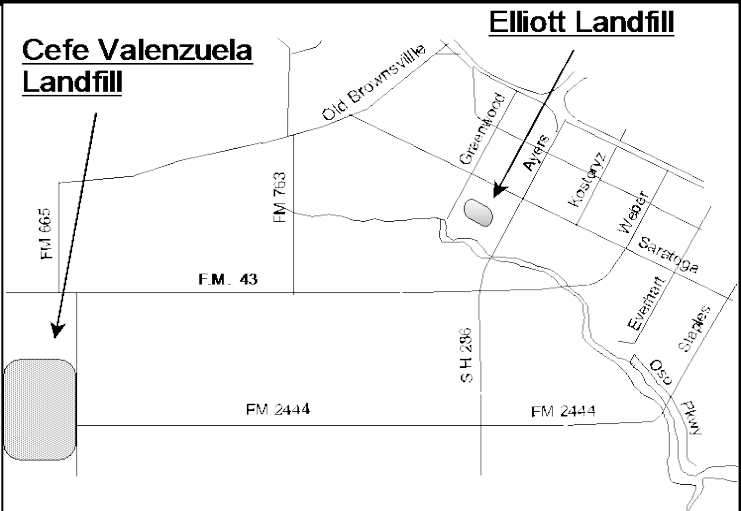
Sequence #05

PROJECT TITLE: Landfill Pavement/Roadway Life Cycle Replacement

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

DESCRIPTION:

Internal roadways and pavement located at Cefe Valenzuela and J. C. Elliott Landfills require periodic replacement due to the life cycle of the roadways and deterioration caused by heavy truck traffic. Recommended work is necessary to allow continued access to both facilities. Additionally, post closure monitoring and mulching operations require construction of additional internal roadways. J.C. Elliott roadway work has recently been completed and funding from prior years is completing road reconstruction at Cefe Valenzuela Landfill. Streets are repaired yearly to the extent that funding allows.



FUNDING SCHEDULE (Amounts in 000's)

Use of Funds	Project-to-Date Obligations April 2015	Unspent Prior Budget as of May 2015	CIP Budget Year 1 2015 - 2016	Year 2 2016 - 2017	Year 3 2017 - 2018	Three Year Total	PROJECT NOTES:
Design & Engineering				60.0	60.0	120.0	Capital Budget Project No: 08002
Construction				600.0	600.0	1,200.0	Engineering Project No: Various
Contingency				60.0	60.0	120.0	Finance Project No: Various
Inspection/Other				30.0	30.0	60.0	A/E Consultant: TBD
TOTAL:				750.0	750.0	1,500.0	Contractor: TBD
Source of Funds							Award Design: On-Going
Certificates of Obligation				750.0	750.0	1,500.0	Award Construction: On-Going
TOTAL:				750.0	750.0	1,500.0	Anticipated Completion: On-Going
							Total Project Value \$750,000 yearly

OPERATIONAL IMPACT:

There is no direct operational impact due to this project, but access and operational efficiency could be greatly reduced and potential liability claims could be generated for damages to private vehicles if the work is not preformed.

DEPARTMENT: **Public Health and Safety**

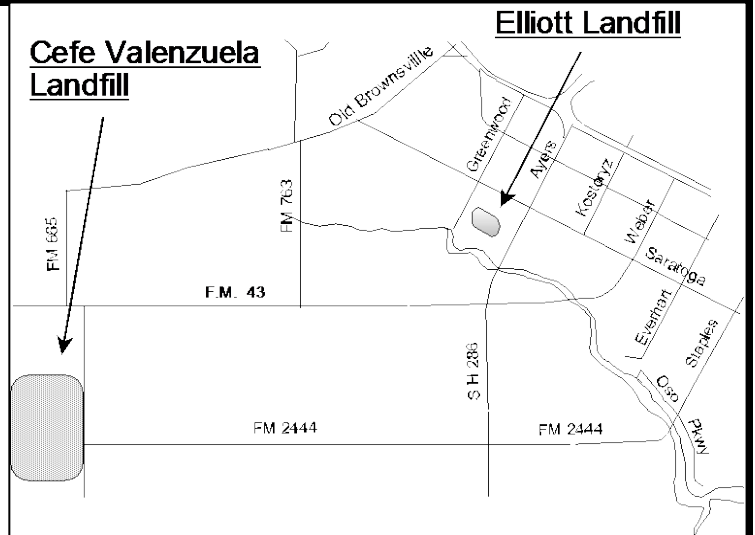
Sequence #06

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



FUNDING SCHEDULE (Amounts in 000's)

Use of Funds	Project-to-Date Obligations April 2015	Unspent Prior Budget as of May 2015	CIP Budget Year 1 2015 - 2016	Year 2 2016 - 2017	Year 3 2017 - 2018	Three Year Total	PROJECT NOTES:
Design & Engineering	475.5			-		-	Capital Budget Project No: 11001
Construction	-			3,500.0		3,500.0	Engineering Project No: E11061
Contingency	-			300.0		300.0	Finance Project No: E11061
Inspection/Other	9.8			88.2		88.2	A/E Consultant: CP&Y
TOTAL:	485.3			3,888.2		3,888.2	Contractor: TBD
Source of Funds							Award Design: January 2013
Certificates of Obligation	485.3			3,888.2		3,888.2	Award Construction: TBD
TOTAL:	485.3			3,888.2		3,888.2	Anticipated Completion: TBD
							Total Project Value \$4,373,500

OPERATIONAL IMPACT:

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

DEPARTMENT: **Public Health and Safety**

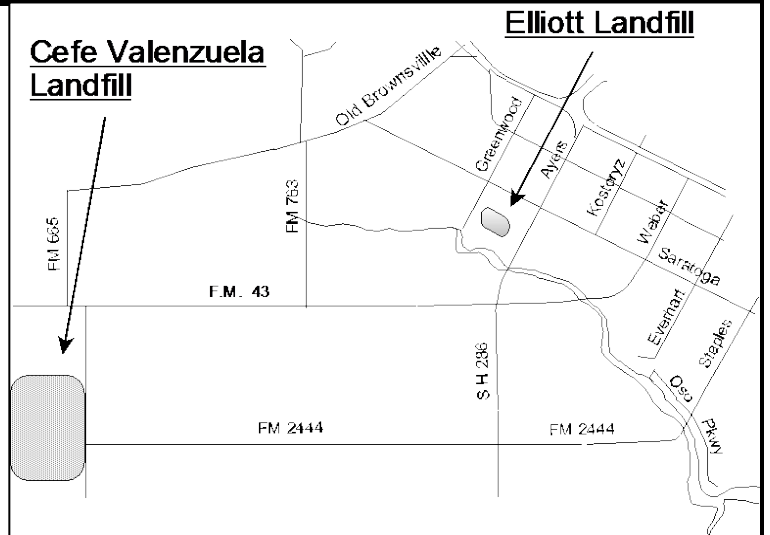
Sequence #07

PROJECT TITLE: Cefe Valenzuela Landfill Liquids (Leachate) Management

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

DESCRIPTION:

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



FUNDING SCHEDULE (Amounts in 000's)

Use of Funds	Project-to-Date Obligations April 2015	Unspent Prior Budget as of May 2015	CIP Budget Year 1 2015 - 2016	Year 2 2016 - 2017	Year 3 2017 - 2018	Three Year Total	PROJECT NOTES:
Design & Engineering	41.3	75.0				-	Capital Budget Project No: 10011
Construction		2,500.0				-	Engineering Project No: E11059
Contingency		200.0				-	Finance Project No: E11059
Inspection/Other	8.0	104.1				-	Preliminary Consultant: S. Hossain-UT at A
TOTAL:	49.3	2,879.1	-	-	-	-	A/E Consultant: CPY
Source of Funds							Contractor: TBD
Certificates of Obligation	49.3	2,879.1				-	Award Design: October 2013
TOTAL:	49.3	2,879.1	-	-	-	-	Award Construction: TBD
							Anticipated Completion: TBD
							Total Project Value \$2,928,400

OPERATIONAL IMPACT:

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

Department: Public Health and Safety

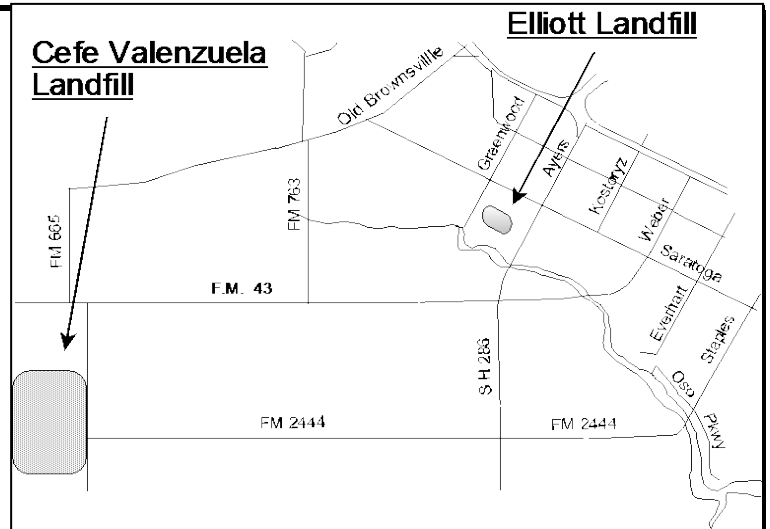
Sequence #08

PROJECT TITLE: Cefe Valenzuela Landfill Disposal Cells Construction - Sectors 1B, 1C

Consistency with Comprehensive Plan; Policy Statements pp. 48: 3 & 6; 52

DESCRIPTION:

The landfill has approximately two years of waste capacity remaining in the lined areas. Capacity exhaustion is anticipated December 2016. It is recommended that the liner design plans and specification should begin 18 months prior to this date to ensure capacity availability. Cell 1B is approximately 12.5 acres and Cell 1C is approximately 7 acres. Work has recently began construction and anticipated to be complete in early 2016.



FUNDING SCHEDULE (Amounts in 000's)

Use of Funds	Project-to-Date Obligations April 2015	Unspent Prior Budget as of May 2015	CIP Budget Year 1 2015 - 2016	Year 2 2016 - 2017	Year 3 2017 - 2018	Three Year Total	PROJECT NOTES:
Design & Engineering	623.5	-				-	Capital Budget Project No: 13-001
Construction	3,425.9					-	Engineering Project No: E13035
Contingency	-	300.0				-	Finance Project No: E13035
Inspection/Other	8.3	263.8				-	A/E Consultants: CP&Y
TOTAL:	4,057.7	563.8				-	Contractor: LD Kemp
Source of Funds							Award Design: February 2014
Certificates of Obligation	4,057.7	563.8				-	Award Construction: March 2015
							Anticipated Completion: February 2016
TOTAL:	4,057.7	563.8				-	Total Project Value: \$4,621,500

OPERATIONAL IMPACT:

This project is required by the Texas Commission on Environmental Quality (TCEQ) and successful completion of the project in a timely manner will avoid fines and penalties as well as protect the environment.

DEPARTMENT: Public Health and Safety

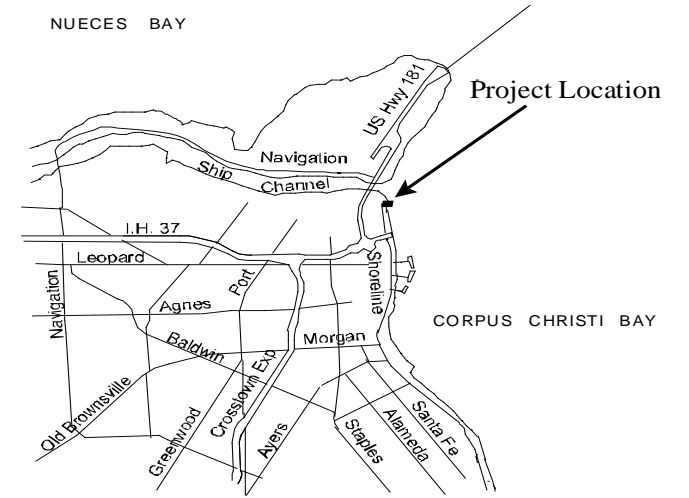
Sequence #09

PROJECT TITLE: Seawall Capital Repairs

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

DESCRIPTION:

A Final Seawall Assessment Report was completed in 2009 which documented a number of maintenance issues that needed to be addressed along the seawall. After review of this report by the Corpus Christi Business and Job Development Board and Engineering Department, development of construction documents for seawall maintenance repairs proceeded. Repairs along the seawall may include maintenance at McGee Beach access ramp, Cooper's Alley L-Head and Lawrence Street T-Head, various concrete panels, storm water outfall penetrations and check valves, expansion joint repairs, and other pertinent repairs. Seawall maintenance is needed to protect the structural integrity of the seawall system.



FUNDING SCHEDULE (Amounts in 000's)

Use of Funds	Project-to-Date Obligations April 2015	Unspent Prior Budget as of May 2015	CIP Budget Year 1 2015 - 2016	Year 2 2016 - 2017	Year 3 2017 - 2018	Three Year Total	PROJECT NOTES:
Design & Engineering	197.9	100.0				-	Capital Budget Project No: 10014
Construction	683.2	1,200.0				-	Engineering Project No: E11090
Contingency		100.0				-	Finance Project No: E11090
Inspection/Other	44.3	111.3				-	A/E Consultant: Various
TOTAL:	925.4	1,511.3				-	Contractor: Various
Source of Funds							Award Design: On-Going
Sales Tax Proceeds (Type A)	925.4	1,511.3				-	Award Construction: On-Going
TOTAL:	925.4	1,511.3				-	Anticipated Completion: On-Going

OPERATIONAL IMPACT:

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

DEPARTMENT: Public Health and Safety

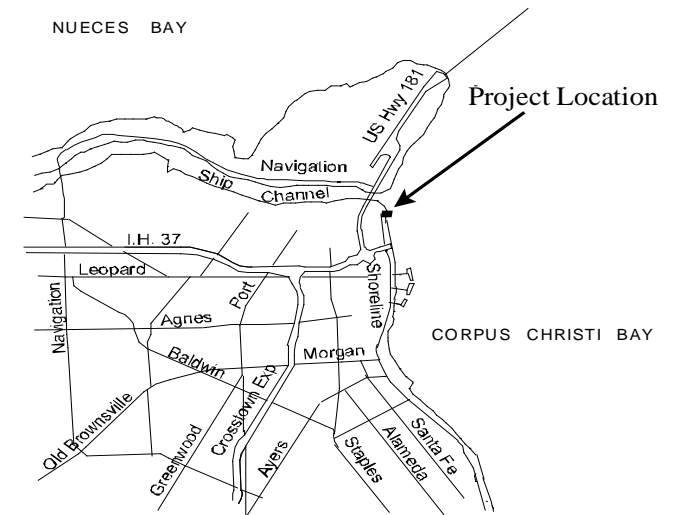
Sequence #10

PROJECT TITLE: Barge Dock Improvements

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

DESCRIPTION:

Phase One includes an investigation and analysis of the current condition of the barge dock to estimate the fitness of the overall structure to perform as originally designed, per current engineering standards and FEMA approved modeling methods using FEMA-proposed wave run-up data is proposed. This project also provides for collaboration with Barge Dock Stakeholders to determine if the Barge Dock should continue to function as designed, or if additional uses should be considered. Improvements could include raising the elevation of the Barge Dock by two (2) feet, constructing a relief platform to prevent the new fill from surcharging the existing bulkhead, create a stepped terrace area to reduce wave run-up onto the adjacent roadways during storms, create additional parking and other amenities. This project will require close coordination with the City's Type A Board and the City Council.



FUNDING SCHEDULE (Amounts in 000's)

Use of Funds	Project-to-Date Obligations April 2015	Unspent Prior Budget as of May 2015	CIP Budget Year 1 2015 - 2016	Year 2 2016 - 2017	Year 3 2017 - 2018	Three Year Total	PROJECT NOTES:
Design & Engineering	309.8					-	Capital Budget Project No: 10014 Engineering Project No: E03426 Finance Project No: E03426 A/E Consultant: RVE Contractor: TBD Award Design: August 2012 Award Construction: TBD Anticipated Completion: TBD Total Project Value \$6,546,700
Construction	163.8	5,000.0				-	
Contingency		500.0				-	
Inspection/Other	36.9	536.2				-	
TOTAL:	510.5	6,036.2				-	
Source of Funds							
Sales Tax Proceeds	510.5	6,036.2				-	
TOTAL:	510.5	6,036.2				-	

OPERATIONAL IMPACT:

There is not a direct operational cost at this time, but failure to achieve FEMA certification would greatly impact the City of Corpus Christi and downtown business insurance costs considerably.

DEPARTMENT: **Public Health and Safety**

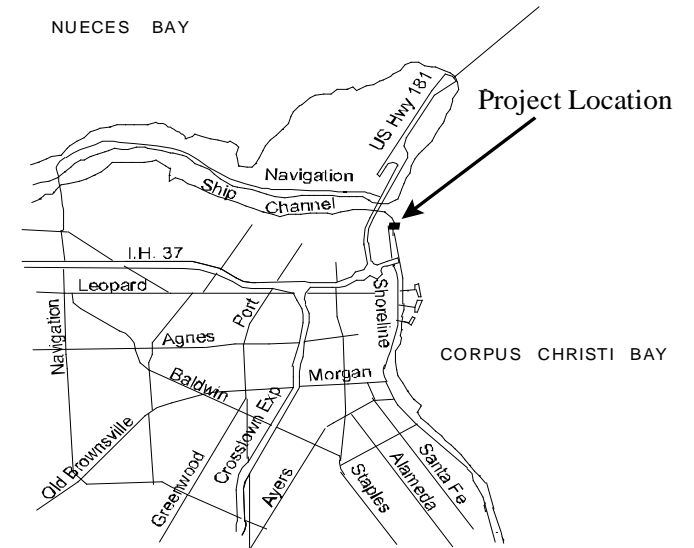
Sequence #11

PROJECT TITLE: Salt Flats Levee System - Phase 2

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

DESCRIPTION:

The Salt Flats Levee System, which is a component of the downtown flood protection system, requires improvements to ensure that the system will function as originally designed. Construction of short term levee improvements were completed in Summer 2013 and a comprehensive guidance document assessing the possibility of re-certification of the Salt Flats Levee System has been prepared as part of project Phase One. The City entered into a Provisional Accredited Levee (PAL) agreement with FEMA as part of the development of the City's ongoing strategy to further assess potential impacts of FEMA's efforts to update Flood Insurance Rate Map. Phase Two includes assessment of the Salt Flats Levee System and Concrete Flood Wall in conjunction with the City's Levee re-certification effort and will also assess potential pending FEMA Levee Assessment Mapping Process regulations. Additional project phases may include consideration for additional improvements to the downtown flood protection system. This Project will require close coordination with City Council and the Type A Board.



FUNDING SCHEDULE (Amounts in 000's)

Use of Funds	Project-to-Date Obligations April 2015	Unspent Prior Budget as of May 2015	CIP Budget Year 1 2015 - 2016	Year 2 2016 - 2017	Year 3 2017 - 2018	Three Year Total	PROJECT NOTES:
Design & Engineering	558.6					-	Capital Budget Project No: 10014 Engineering Project No: E12070/E03428 Finance Project No: E12070/E03428 PHASE TWO WORK: A/E Consultant: HDR Contractor: TBD Award Design: July 2015 Award Construction: TBD Anticipated Completion: TBD Total Project Value \$5,133,600
Construction	43.2	4,000.0				-	
Contingency		200.0				-	
Inspection/Other	130.3	201.5				-	
TOTAL:	732.1	4,401.5				-	
Source of Funds							
Sales Tax Proceeds	732.1	4,401.5				-	
TOTAL:	732.1	4,401.5				-	

OPERATIONAL IMPACT:

There is not a direct operational cost at this time, but failure to achieve FEMA certification could greatly impact the City of Corpus Christi and downtown business flood insurance costs.

DEPARTMENT: **Public Health and Safety**

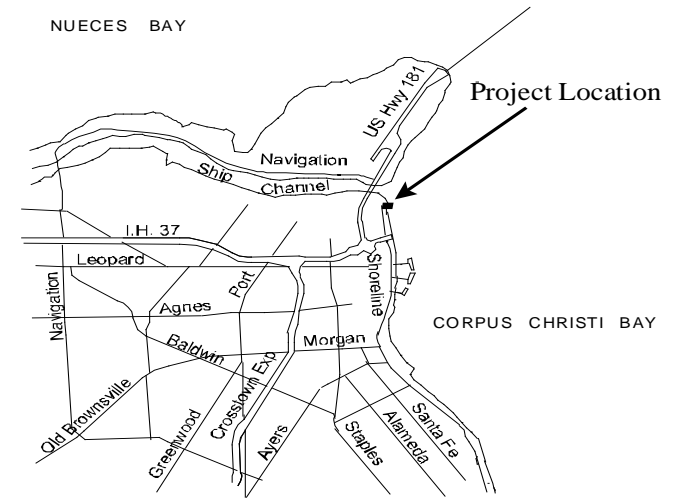
Sequence #12

PROJECT TITLE: Magee Beach Nourishment

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

DESCRIPTION:

This project will include data collection, final design, permitting and construction of beach nourishment for 1,800 feet of Corpus Christi Bay Shoreline at Magee Beach. The Texas General Land Office (TGLO) will manage the project and contract with a professional service provider to prepare the construction plans. The City will enter into an agreement with the TGLO to provide matching funds for the design and construction of the beach nourishment project.



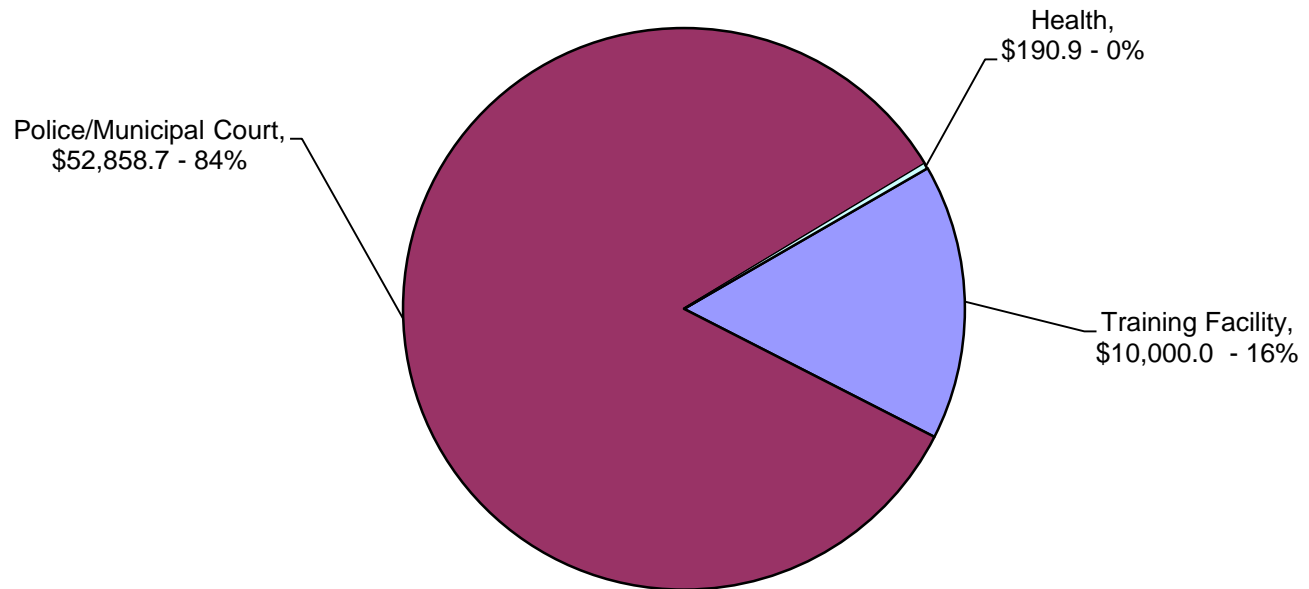
FUNDING SCHEDULE (Amounts in 000's)

Use of Funds	Project-to-Date Obligations March 2014	Unspent Prior Budget as of April 2014	CIP Budget Year 1 2014 - 2015	Year 2 2015 - 2016	Year 3 2016 - 2017	Three Year Total	PROJECT NOTES:
Design & Engineering		100.0				-	Capital Budget Project No: 10014
Construction		1,000.0				-	Engineering Project No: E14048
Contingency		50.0				-	Finance Project No: TBD
Inspection/Other		50.0				-	A/E Consultant: TGLO
TOTAL:		1,200.0				-	Contractor:
Source of Funds							Award Design: September '14
Type A Board		1,200.0				-	Award Construction: TBD
TOTAL:		1,200.0				-	Anticipated Completion: TBD
							Total Project Value: 1,200,000

OPERATIONAL IMPACT:

This project will not have a direct impact to the operational budget, but will provide a safer, more enjoyable experience to residents and visitors who use the beach.

**Public Health & Safety
Long-Range CIP: \$63,049.7
(Amounts in 000's)**



TRAINING FACILITY

- 1 Fire/Police Training Facility, Phase 2 \$10,000,000
Phase 2 of a unified training facility for fire and police recruits and in-service training. The facility will maximize training and resources by consolidating classroom space, driver training courses and computer training (mobile data terminal - automated vehicle locator). The Fire Department will centralize their maintenance shop, engine room and pump testing facilities as well as provide classrooms for cadet training and continuing education classes for firefighters to keep up with certification requirements. Offices will be constructed for six trainers.

FIRE

- 2 Vehicle Maintenance & SCBA Repair Facility TBD
A maintenance facility with 5 bays is needed for vehicle repair. The facility will need adequate concrete surfaces to support large fire apparatus. Current facility is outdated and vehicles are too large to fit inside, requiring mechanics to work outside in the elements on larger fire apparatus. Approximately 11,000 square feet is required. The site should also have adequate storage for reserve apparatus.

POLICE/ MUNICIPAL COURT

- 3 Police Headquarters Expansion \$2,250,000
Police Headquarters, located at 127 N. Chaparral, requires expansion to accommodate staff and record storage area for the Organized Crime Unit, Special Services and Criminal Investigation Divisions. The Department needs approximately 15,000 additional sq. ft. to locate all personnel in one location.
NOTE: CONSTRUCTION OF NEW MUNICIPAL COURT FACILITIES WOULD ELIMINATE NEED FOR EXPANSION (see project #4).
- 4 New Municipal Court Facilities \$10,225,000
Municipal Court facilities are located in the Police Department Building at 127 N. Chaparral. The current facility has limited court, office and parking space. The proposal would require renovation of an existing building which would provide five (5) courts, operationally efficient lobby area and house the Juvenile Assessment Center and the new Environmental Court.
- 5 Police Headquarters Parking Facility \$1,600,000
Police Department personnel and visitors require approximately 300 parking spaces with only 140 currently available on site. The City leases a lot at the corner of Coopers Alley/Water/Chaparral to cover the deficiency spaces. The lot is prime downtown real estate and is subject to sale. The Education Service Center is looking for partners in the construction of a parking garage on their property located across Chaparral from the Police Building. Estimated construction costs are \$5,000 - \$8,000 per parking space; estimated cost is based on \$8,000 x 200 (providing for future growth) spaces = \$1,600,000.

POLICE/ MUNICIPAL COURT (Cont'd)

- 6 New Police Headquarters Located in Central Corpus Christi \$37,500,000
The current Police Department Building does not provide adequate space for all Police operations. The current facility has limited office and parking space. The proposal entails construction of a new building with 150,000 square feet and adequate parking to be located in a central part of the City. Additionally, located on the same acreage will be a Consolidated Response Facility for Public Safety. This building will house all Police and Fire special response vehicles and equipment, for example, Bomb Truck, SWAT Truck, Communications Bus, Riot gear, hazmat gear, etc. The building will be 5,000 square feet for \$500,000.
NOTE: CONSTRUCTION OF NEW POLICE BUILDING WOULD ELIMINATE NEED FOR EXPANSION (see project #3) and POLICE HEADQUARTERS PARKING FACILITY (see project #5).
- 7 Community Policing Multi-Purpose Facilities (substations) \$1,283,770
Two multi-purpose police facilities (substations) will facilitate implementation of the long-range goal of community policing and decentralization. The facilities are proposed for the Northwest/Calallen and Flour Bluff areas.
- 8 MetroCom / Emergency Operations Center / Fusion Center TBD
The MetroCom and Emergency Operations Center should be relocated further inland for protection during a major storm event. It is estimated that 50,000 square foot would be required to adequately serve this need.

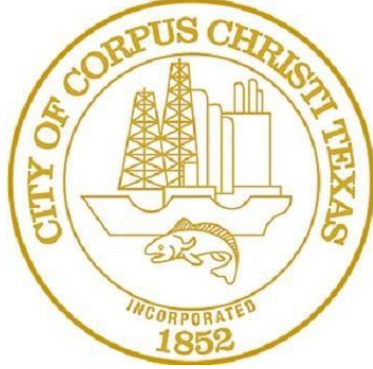
SOLID WASTE

- 9 Citizens Collection Center TBD
This project will result in a four new Citizen's Collection Centers across the city for drop-off of solid waste, discarded appliances and furniture, and household hazardous waste. The project requires land acquisition, utility improvements, fencing, paving, waste containers, hazardous waste containment building, attendant building, parking and other improvements.
- 10 Solid Waste Parking Lot Upgrades TBD
The existing parking lot at Solid Waste needs to be upgraded to demolition of existing area and new parking lot with security fencing, lighting, and protection of CNG pump stations.
- 11 New Solid Waste Administration Building TBD
New masonry type building to house the Solid Waste Administration Building with offices for staff, training room, and protection area for outdoor equipment.

HEALTH

12 Corpus Christi Animal Shelter and Vector Control Facility - Phase 2 \$190,950
Additional improvements to the new animal shelter facility including the following: additional 1,640 sq. ft for 26 small dog kennels, finish out of various rooms (cabinets, tile flooring and other fixtures) and additional fencing and gates.

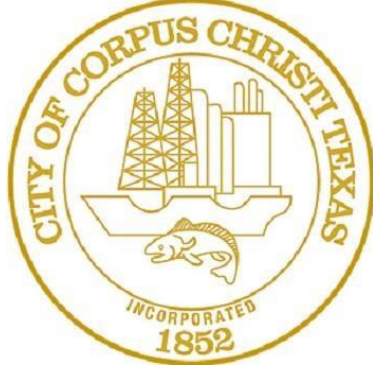
TOTAL FUTURE CAPITAL IMPROVEMENT NEEDS: **\$63,049,720**

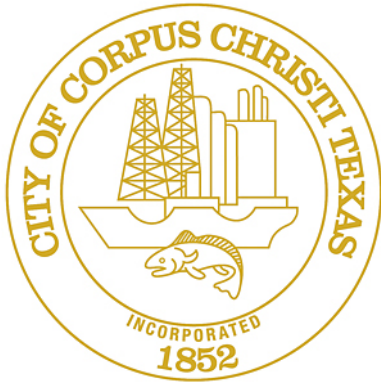




STREETS

Obligation to the Future





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 2015 – 2016 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.

On Tuesday, November 4, 2014, City of Corpus Christi voters approved two street propositions totaling \$99,495,000 in support of a 2014 General Obligation Bond Election. Proposition One included \$55 Million of street projects in the greatest need of reconstruction throughout the City while Proposition Two consisted of \$44,495,000 of projects that promoted street safety, revitalization and capacity improvements. The sixteen Proposition One projects are in advanced design stage and are starting to be awarded. The remaining thirteen Proposition Two projects are in early to mid-design stage and are anticipated to begin construction in early calendar year 2016. 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 Fiscal Year 2016 Street Capital Improvement Program focuses heavily on the construction of projects approved in Bond 2012. On Tuesday, November 6, 2012, the City's voters approved an \$88 Million General Obligation bond issue that included street improvements in both Proposition One and Eight. Proposition One consisted of an investment in ADA improvements, street reconstruction and new street construction valued at \$55 Million and Proposition Eight included six street projects which promoted economic development for a total of \$8.4 Million. These projects are in the process of awarding construction contracts for their completion.

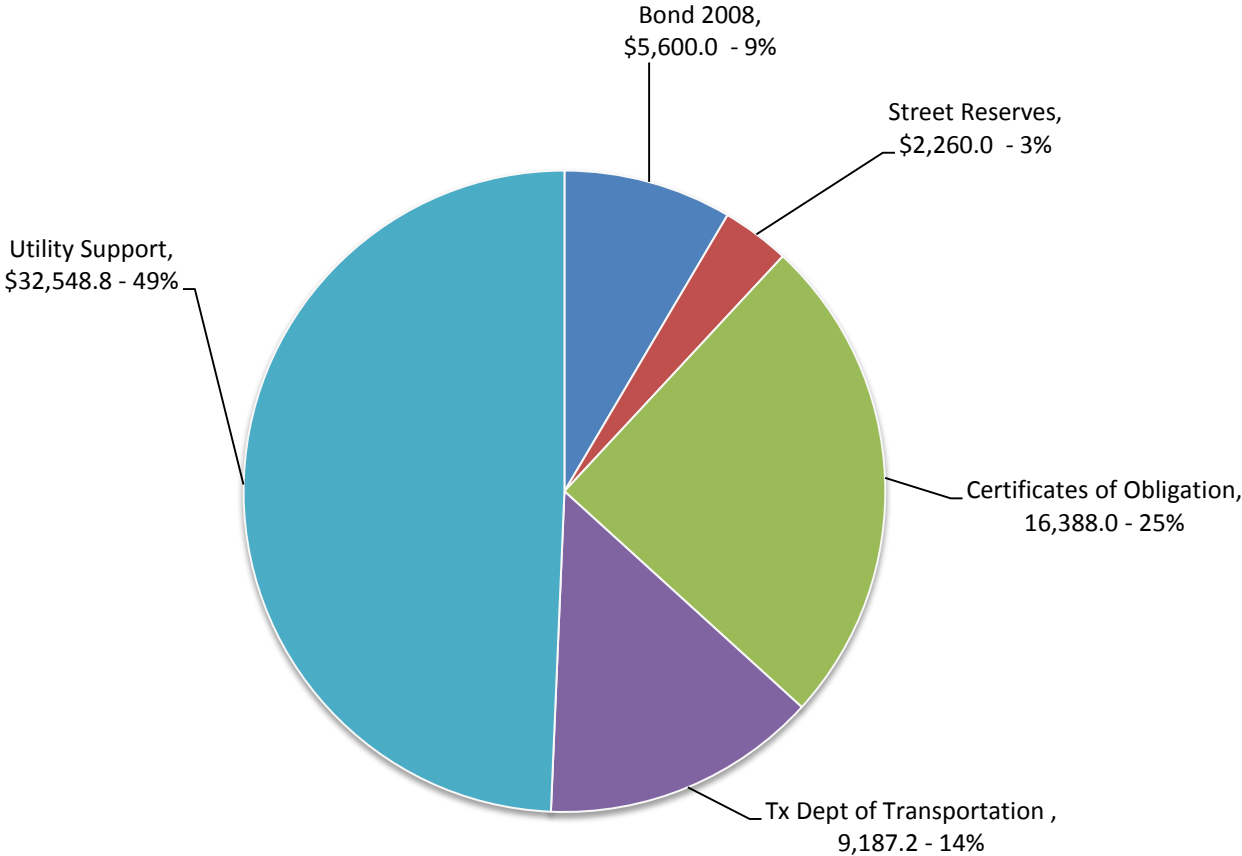
The City of Corpus Christi continues to maximize project funding by actively seeking joint participation with other governmental entities to complete street projects with a maximum benefit for citizens. Significant financial participation has been secured through the Metropolitan Planning Organization (MPO) from Federal Highway Administration and Texas Department of Transportation (TxDOT) funding.

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	YEAR TWO	YEAR THREE
	2015 – 2016	2016 – 2017	2017 - 2018
TOTAL PROGRAMMED EXPENDITURES:	\$ 65,984,000	\$ 47,918,500	\$ 17,907,100
AVAILABLE FUNDING:			
Bond Issue 2008 Proceeds	\$ 5,600,000	\$ 0	\$ 0
Texas Department of Transportation	\$ 9,187,200	\$ 0	\$ 0
Street Capital Reserves	\$ 2,260,000	\$ 0	\$ 0
TOTAL AVAILABLE FUNDS:	\$ 17,047,200	\$ 0	\$ 0
RECOMMENDED ADDITIONAL FUNDING:			
Revenue Bonds	\$ 32,548,800	\$ 43,582,800	\$ 17,907,100
Certificates of Obligation	\$ 16,388,000	\$ 0	\$ 0
Future Program Funding	\$ 0	\$ 4,335,700	\$ 0
TOTAL PROGRAMMED FUNDS:	\$ 65,984,000	\$ 47,918,500	\$ 17,907,100

Streets
Annual CIP: \$65,984.0
(Amounts in 000's)



Seq #	Project Name	Project-to-Date Obligations April 2015	Unspent Prior Budget as of May 2015	CIP Budget Year 1 2015 - 2016	Year 2 2016 - 2017	Year 3 2017 - 2018	Three Year Total
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STREET BOND 2014 - PROPOSITION #1 AND #8 PROJECTS

ST 01	Alameda Street - Kinney to Lipan Finance and Engineering Number: E13086	352.0	1,287.1	962.5	481.2	-	1,443.7
ST 02	Gollihar Road - South Staples Street to Weber Road Finance and Engineering Number: E13087	1,267.8	6,879.5	2,608.9	2,996.0	749.0	6,353.9
ST 03	Gollihar Road - Weber Road to Carroll Lane Finance and Engineering Number: E13088	1,072.9	3,308.4	-	2,256.6	2,708.0	4,964.6
ST 04	Gollihar Road - Carroll Lane to Kostoryz Finance and Engineering Number: E13089	1,084.4	3,296.9	-	2,256.6	2,708.0	4,964.6
ST 05	Morgan Avenue - Ocean Drive to South Staples Street Finance and Engineering Number: E13090	623.1	3,066.2	-	1,238.2	3,095.7	4,333.9
ST 06	Corona Drive - Flynn Parkway to Everhart Finance and Engineering Number: E13091	482.5	2,949.1	1,392.0	348.0	-	1,740.0
ST 07	Ayers Street - Ocean Drive to Alameda Street Finance and Engineering Number: E13092	867.8	3,371.1	1,452.8	3,148.5	-	4,601.3
ST 08	Yorktown Road - Lake Travis to Everhart Road Finance and Engineering Number: E13093	1,061.7	3,127.1	2,275.0	1,054.1	2,108.2	5,437.3

Seq #	Project Name	Project-to-Date Obligations April 2015	Unspent Prior Budget as of May 2015	CIP Budget Year 1 2015 - 2016	Year 2 2016 - 2017	Year 3 2017 - 2018	Three Year Total
ST 09	South Staples Street - Alameda Street to Morgan Avenue Finance and Engineering Number: E13094	642.4	2,635.3	795.4	1,043.5		1,838.9
ST 10	Southern Minerals Road - Up River Road to IH 37 Finance and Engineering Number: E13095	662.9	2,024.3	1,784.0	-	-	1,784.0
ST 11	Yorktown Boulevard - Everhart Road to South Staples Street Finance and Engineering Number: E13096	1,063.5	6,824.1	1,826.5	2,134.3	889.3	4,850.1
ST 12	Carroll Lane - Houston to McArdle Road Finance and Engineering Number: E13097	549.1	2,911.0	1,107.4	2,454.4	-	3,561.8
ST 13	Old Robstown Road, State Highway 44 to Leopard Street Finance and Engineering Number: E13098	597.9	2,657.1	5,461.8	2,714.2	-	8,176.0
ST 14	Waldron Road - Airdome to Caribbean Finance and Engineering Number: E13099	771.4	2,900.6	-	-	-	-
ST 15	Santa Fe - Elizabeth Street to Hancock Finance and Engineering Number: E13100	353.6	1,184.9	703.4	-	-	703.4
ST 16	ADA Master Plan Implementation Finance and Engineering Number: E13101	1.9	2,298.1	-	-	-	-
ST 17	Ayers Street - Pedestrian Improvements and Turn Lane Addition Finance and Engineering Number: E15106	4.0	1,996.0	-	1,635.6	726.9	2,362.5

Seq #	Project Name	Project-to-Date Obligations April 2015	Unspent Prior Budget as of May 2015	CIP Budget Year 1 2015 - 2016	Year 2 2016 - 2017	Year 3 2017 - 2018	Three Year Total
ST 18	Chaparral Street Phase 2 Downtown Development Master Plan Finance and Engineering Number: E15107	4.0	4,996.0	777.6	1,866.4	155.6	2,799.6
ST 19	Texas Department of Transportation Participation (CITY MATCH TXDOT PROJECTS) Finance and Engineering Number: E15105	286.9	2,163.3	-	-	-	-
ST 20	Traffic Signal and Lighting Improvements - City Wide Finance and Engineering Number: E15113	47.6	4,952.4	-	-	-	-
ST 21	Rodd Field Road Expansion - Saratoga to Yorktown Finance and Engineering Number: E15112	53.9	9,546.1	437.6	1,750.0	1,312.4	3,500.0
ST 22	Downtown Street Traffic Signal and Area Improvements Finance and Engineering Number: E15108	4.0	3,496.0	-	-	-	-
ST 23	Ennis Joslin Extension - Holly to Williams Finance and Engineering Number: E15109	4.0	3,396.0	680.4	1,069.6	-	1,750.0
ST 24	Flato Road Finance and Engineering Number: E15110	4.0	3,496.0	162.4	1,950.0	162.4	2,274.8
ST 25	North Padre Island Beach Access Roads (3A and 2) Finance and Engineering Number: E15111	4.0	3,496.0	-	-	-	-
ST 26	Downtown Road and Streetscape Improvements Finance and Engineering Number: E15098	4.0	1,496.0	-	-	-	-

Seq #	Project Name	Project-to-Date Obligations April 2015	Unspent Prior Budget as of May 2015	CIP Budget Year 1 2015 - 2016	Year 2 2016 - 2017	Year 3 2017 - 2018	Three Year Total
ST 27	Creekview Drive Extension Finance and Engineering Number: E15112	-	295.0	-	-	-	-

STREET BOND 2012 PROJECTS

ST 28	Navigation Boulevard - Up River Road to Leopard Street Finance and Engineering Number: E12090	1,597.7	11,430.7	3,713.1	-	-	3,713.1
ST 29	South Alameda Street - Ayers Street to Louisiana Avenue Finance and Engineering Number: E12091	638.8	4,676.4	1,470.9	-	-	1,470.9
ST 30	Greenwood Drive - Gollihar Road to Horne Road Finance and Engineering Number: E12092	451.3	3,432.2	1,220.4	-	-	1,220.4
ST 31	Ocean Drive - Buford Street to Louisiana Avenue Finance and Engineering Number: E12093	1,121.5	5,712.5	3,347.7	1,435.9	-	4,783.6
ST 32	Tuloso Road - Interstate Highway 37 to Leopard Street Finance and Engineering Number: E12094	502.8	3,207.7	2,113.4	-	-	2,113.4
ST 33	South Staples Street - Brawner Parkway to Kostoryz Road Finance and Engineering Number: E12095	884.3	6,226.3	4,804.0	3,647.8	1,823.8	10,275.6
ST 34	South Staples Street - Morgan Avenue to Interstate Highway 37 Finance and Engineering Number: E12096	941.8	14,744.2	-	-	-	-

Seq #	Project Name	Project-to-Date Obligations April 2015	Unspent Prior Budget as of May 2015	CIP Budget Year 1 2015 - 2016	Year 2 2016 - 2017	Year 3 2017 - 2018	Three Year Total
ST 35	McArdle Road - Nile Drive to Ennis Joslin Finance and Engineering Number: E12097	8,531.5	792.7	3,068.3	-	-	3,068.3
ST 36	McArdle Road - Whitaker to Nile Drive Finance and Engineering Number: E12098	3,733.8	543.4	-	-	-	-
ST 37	Kostoryz Road - Brawner Parkway to Staples Street Finance and Engineering Number: E12099	701.3	4,951.8	2,381.1	1,404.4	351.0	4,136.5
ST 38	Horne Road - Ayers Street to Port Avenue Finance and Engineering Number: E12100	2,378.6	1,228.2	-	-	-	-
ST 39	Morgan Avenue - South Staples Street to Crosstown Freeway Finance and Engineering Number: E12101	500.5	5,163.0	377.0	1,860.7	1,116.8	3,354.5
ST 40	Twigg Street - Shoreline Boulevard to Lower Broadway Finance and Engineering Number: E12102	423.2	2,513.7	-	1,029.6	-	1,029.6
ST 41	Leopard Street - Crosstown Freeway to Palm Drive Finance and Engineering Number: E12103	648.9	1,952.7	-	3,306.1	-	3,306.1
ST 42	Holly Road - Crosstown Freeway to Greenwood Drive Finance Number: 170371 Engineering Number: 6470	1,639.5	3,350.8	8,533.1	4,141.2	-	12,674.3
ST 43	Williams Drive Phase 3 - South Staples to Airline Road Finance and Engineering Number: E11116	1,155.1	3,860.2	6,927.3	695.6	-	7,622.9

Seq #	Project Name	Project-to-Date Obligations April 2015	Unspent Prior Budget as of May 2015	CIP Budget Year 1 2015 - 2016	Year 2 2016 - 2017	Year 3 2017 - 2018	Three Year Total
ST 44	Yorktown Boulevard - Cimarron to Rodd Field Road Finance and Engineering Number: E10100	6,625.8	2,568.5	-	-	-	-
ST 45	JFK Causeway Area Improvements Finance and Engineering Number: E12107	209.0	1,524.2	-	-	-	-
ST 46	Signal Improvement and Street Lighting Finance and Engineering Number: E12105	197.4	1,802.6	-	-	-	-
ST 47	Texas Department of Transportation Participation (RAMP REVERSAL PROJECT) Finance and Engineering Number: E12228	1,042.3	2,778.3	-	-	-	-
ST 48	SeaTown Pedestrian Improvements Finance and Engineering Number: E12134	88.9	551.1	-	-	-	-
ST 49	North Beach Area Road Improvements and Area Beautification Finance and Engineering Number: E12127	183.2	917.5	-	-	-	-
ST 50	North Beach Breakwater Plaza, North Shoreline Repair and Enhancement Finance and Engineering Number: E12129	328.3	1,422.2	-	-	-	-
ST 51	Developer Participation Finance and Engineering Number: Various	586.5	2,413.8	-	-	-	-
ST 52	International Boulevard Finance and Engineering Number: E12137	204.6	1,484.9	-	-	-	-

Seq #	Project Name	Project-to-Date Obligations April 2015	Unspent Prior Budget as of May 2015	CIP Budget Year 1 2015 - 2016	Year 2 2016 - 2017	Year 3 2017 - 2018	Three Year Total
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STREET BOND 2008, 2004 AND COMMUNITY DEVELOPMENT BLOCK GRANT PROJECTS

ST 53	Park Road 22 Bridge Finance Number: 170062 Engineering Number: 6281	1,489.5	5,764.1	5,600.0	-	-	5,600.0
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	Program Total:	48,677.4	185,063.3	65,984.0	47,918.5	17,907.1	131,809.6
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CURRENTLY AVAILABLE FUNDING:

	Bond Issue 2014 Proceeds	416.4	87,674.6	-	-	-	-
	Bond Issue 2012 Proceeds	18,518.1	41,710.1	-	-	-	-
	Bond Issue 2008 Proceeds	1,389.1	358.5	5,600.0	-	-	5,600.0
	Bond Issue 2004 Proceeds	2,628.3	636.0	-	-	-	-
	Tax Notes	6,168.7	550.5	-	-	-	-
	Airport Revenues	13.2	-	-	-	-	-
	Street Reserves	-	-	2,260.0	-	-	2,260.0
	Texas Department of Transportation	546.8	-	9,187.2	-	-	9,187.2
	Regional Transportation Authority	-	771.0	-	-	-	-
	Certificates of Obligation	-	-	-	-	-	-
	Municipal Information Services (MIS)	-	1.2	-	-	-	-
	Revenue Bond	18,996.8	53,361.4	-	-	-	-

	Total Currently Available:	48,677.4	185,063.3	17,047.2	-	-	17,047.2
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Seq #	Project Name	Project-to-Date Obligations April 2015	Unspent Prior Budget as of May 2015	CIP Budget Year 1 2015 - 2016	Year 2 2016 - 2017	Year 3 2017 - 2018	Three Year Total
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RECOMMENDED ADDITIONAL FUNDING:

	Revenue Bond	-	-	32,548.80	43,582.8	17,907.1	94,038.70
	Certificates of Obligation	-	-	16,388.00	-	-	16,388.00
	Future Program Funding	-	-	-	4,335.7	-	4,335.70

	Total Funding Source:	48,677.4	185,063.3	65,984.0	47,918.5	17,907.1	131,809.6
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Proposed Bond 2014 Proposition One: STREETS

Sequence #01

PROJECT TITLE: Alameda Street - Kinney to Lipan

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

DESCRIPTION:

Project consists of the full-depth reconstruction of the existing two-lane minor collector roadway. Improvements will take into account adjacent schools and include curb and gutter, sidewalks, Americans with Disabilities Act (ADA) curb ramps, pavement markings, signage, storm water drainage, and utilities. Bikeway requirements will require evaluation at the time of roadway design and shall conform to the City's adopted Comprehensive Plan and master plans. An 8-foot parking lane is proposed on each side of shared bike route. The existing right of way meets the C-1 Collector designation as indicated on the Urban Transportation Master Plan (UTMP) for this roadway section, therefore right-of-way acquisition is not anticipated for this project.



FUNDING SCHEDULE (Amounts in 000's)

Use of Funds	Project-to-Date Obligations April 2015	Unspent Prior Budget as of May 2015	CIP Budget Year 1 2015 - 2016	Year 2 2016 - 2017	Year 3 2017 - 2018	Three Year Total	PROJECT NOTES:
STREETS	212.9	1,287.1	-	-	-	-	Capital Budget Project No: 14-001 Project Number: E13086 A/E Consultant: Lockwood, Andrews and Newman Award Design: January 2014 Contractor: TBD Award Construction: June 2016 Anticipated Completion: February 2017 Estimated Project Value: \$3,082,800
STORM WATER	33.4	-	223.4	111.7	-	335.1	
WASTEWATER	69.5	-	507.2	253.6	-	760.8	
WATER	36.2	-	207.7	103.8	-	311.5	
GAS	-	-	24.2	12.1	-	36.3	
TOTAL:	352.0	1,287.1	962.5	481.2	-	1,443.7	
Source of Funds							
General Obligation Bonds	-	1,287.1	-	-	-	-	
Tax Notes	212.9	-	-	-	-	-	
Revenue Bonds	139.1	-	962.5	481.2	-	1,443.7	
TOTAL:	352.0	1,287.1	962.5	481.2	-	1,443.7	

OPERATIONAL IMPACT:

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

Proposed Bond 2014 Proposition One: STREETS

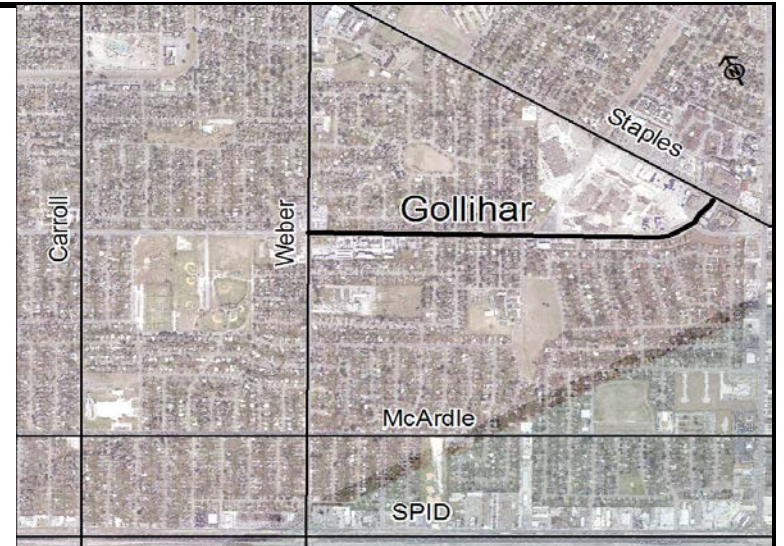
Sequence #02

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

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

DESCRIPTION:

Project limits include Gollihar Road from Staples Street (at the western curb return) to Weber Road (including the intersection, through to the western curb return). The construction work consists of reconstruction of the roadway, replacement of water lines, wastewater lines, storm water lines, traffic signal at Weber, reconstruction of curb and gutter, sidewalks/driveways and ADA accessible ramps. The project is a proposed four-lane modified A-1 with continuous center lane and bike lanes.



FUNDING SCHEDULE (Amounts in 000's)

Use of Funds	Project-to-Date Obligations April 2015	Unspent Prior Budget as of May 2015	CIP Budget Year 1 2015 - 2016	Year 2 2016 - 2017	Year 3 2017 - 2018	Three Year Total	PROJECT NOTES:
STREETS	620.5	6,879.5	362.0	-	-	362.0	Capital Budget Project No: 14-002 Project Number: E13087 A/E Consultant: Naismith Engineering Award Design: January 2014 Contractor: TBD Award Construction: February 2016 Anticipated Completion: February 2018 Estimated Project Value: \$14,501,200
STORM WATER	385.7	-	1,617.7	2,157.0	539.3	4,314.0	
WASTEWATER	82.1	-	150.7	201.0	50.2	401.9	
WATER	148.7	-	472.7	630.2	157.5	1,260.4	
GAS	30.8	-	5.8	7.8	2.0	15.6	
TOTAL:	1,267.8	6,879.5	2,608.9	2,996.0	749.0	6,353.9	
Source of Funds							
General Obligation Bonds	-	6,879.5	-	-	-	-	
Tax Notes	620.5	-	-	-	-	-	
Revenue Bonds	647.3	-	2,246.9	2,996.0	749.0	5,991.9	
Certificates of Obligation	-	-	362.0	-	-	362.0	
TOTAL:	1,267.8	6,879.5	2,608.9	2,996.0	749.0	6,353.9	

OPERATIONAL IMPACT:

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

Proposed Bond 2014 Proposition One: STREETS

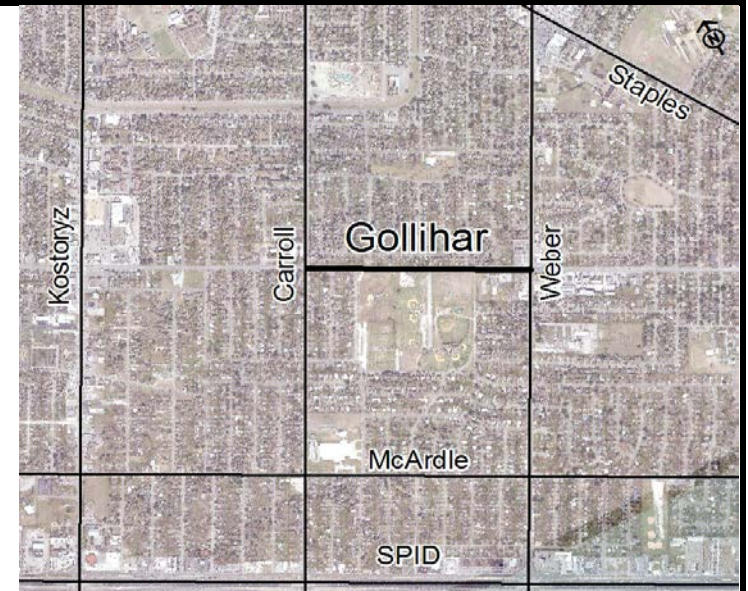
Sequence #03

PROJECT TITLE: Gollihar Road - Weber Road to Carroll Lane

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

DESCRIPTION:

This project consists of the removal of the existing 5-lane roadway, curb and gutter, curb ramps and sidewalks from Kostoryz Road to Weber Road. Related improvements include sidewalks; traffic signal improvements at Carroll Lane and Kostoryz road; replacement of the storm water laterals and inlets; cleaning and repair of existing storm sewer box culvert, and replacement of existing box culverts, if deemed not traffic-rated; installation of additional storm sewer box culvert; replacement of water laterals; replacement of wastewater lines, new fiberglass sanitary sewer covers and bike lanes. The project is a proposed four-lane modified A-1 with continuous center lane and bike lanes.



FUNDING SCHEDULE (Amounts in 000's)

Use of Funds	Project-to-Date Obligations April 2015	Unspent Prior Budget as of May 2015	CIP Budget Year 1 2015 - 2016	Year 2 2016 - 2017	Year 3 2017 - 2018	Three Year Total	PROJECT NOTES:
STREETS	391.5	3,308.4	-	-	-	-	Capital Budget Project No: 14-003 Project Number: E13088 A/E Consultant: RVE, Inc. Award Design: February 2014 Contractor: TBD Award Construction: December '16 Anticipated Completion: March 2019 Estimated Project Value: \$9,345,900
STORM WATER	600.4	-	-	1,131.4	1,357.7	2,489.1	
WASTEWATER	40.5	-	-	176.7	212.1	388.8	
WATER	32.4	-	-	547.4	656.9	1,204.3	
GAS	8.1	-	-	401.1	481.3	882.4	
TOTAL:	1,072.9	3,308.4	-	2,256.6	2,708.0	4,964.6	
Source of Funds							
General Obligation Bonds	-	3,308.4	-	-	-	-	
Tax Notes	391.5	-	-	-	-	-	
Revenue Bonds	681.4	-	-	2,256.6	2,708.0	4,964.6	
TOTAL:	1,072.9	3,308.4	-	2,256.6	2,708.0	4,964.6	

OPERATIONAL IMPACT:

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

Proposed Bond 2014 Proposition One: STREETS

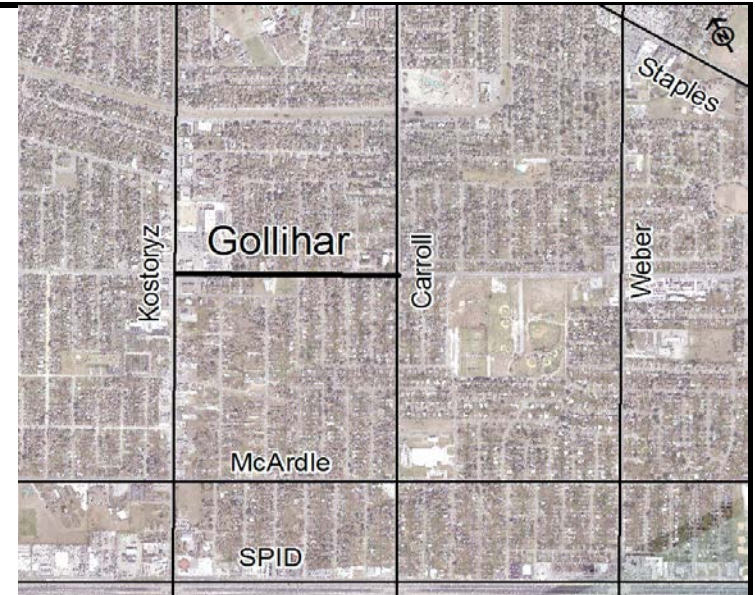
Sequence #04

PROJECT TITLE: Gollihar Road - Carroll Lane to Kostoryz Road

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

DESCRIPTION:

This project consists of the removal of the existing 5-lane roadway, curb and gutter, curb ramps and sidewalks from Kostoryz Road to Weber Road. Related improvements include sidewalks; traffic signal improvements at Carroll Lane and Kostoryz road; replacement of the storm water laterals and inlets; repair of existing storm sewer box culvert, replacement of existing box culverts, if deemed not traffic-rated; installation of additional storm sewer box culvert; replacement of water laterals; and replacement of wastewater lines, new manholes and bike lanes. The project is a proposed four-lane modified A-1 with continuous center lane and bike lanes.



FUNDING SCHEDULE (Amounts in 000's)

Use of Funds	Project-to-Date Obligations April 2015	Unspent Prior Budget as of May 2015	CIP Budget Year 1 2015 - 2016	Year 2 2016 - 2017	Year 3 2017 - 2018	Three Year Total	PROJECT NOTES:
STREETS	403.0	3,296.9	-	-	-	-	Capital Budget Project No: 14-004 Project Number: E13089 A/E Consultant: RVE, Inc. Award Design: February 2014 Contractor: TBD Award Construction: December '16 Anticipated Completion: March 2018 Estimated Project Value: \$9,345,900
STORM WATER	600.4	-	-	1,131.4	1,357.7	2,489.1	
WASTEWATER	40.5	-	-	176.7	212.1	388.8	
WATER	32.4	-	-	547.4	656.9	1,204.3	
GAS	8.1	-	-	401.1	481.3	882.4	
TOTAL:	1,084.4	3,296.9	-	2,256.6	2,708.0	4,964.6	
Source of Funds							
General Obligation Bonds	-	3,296.9	-	-	-	-	
Tax Notes	403.0	-	-	-	-	-	
Revenue Bonds	681.4	-	-	2,256.6	2,708.0	4,964.6	
TOTAL:	1,084.4	3,296.9	-	2,256.6	2,708.0	4,964.6	

OPERATIONAL IMPACT:

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

Proposed Bond 2014 Proposition One: STREETS

Sequence #05

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 reconstruction of the existing four lane (C-3 Collector) roadway. Improvements will include curb and gutter, sidewalks, driveways, ADA curb ramps, pavement markings, storm water improvements, minor water improvements and minor wastewater improvements. The proposed street section and lane configuration for this project shall conform to that which was designed for the adjacent Bond 2012 Morgan Avenue project from Staples Street to Crosstown Expressway. Right-of-way acquisition is not anticipated for this project.



FUNDING SCHEDULE (Amounts in 000's)

Use of Funds	Project-to-Date Obligations April 2015	Unspent Prior Budget as of May 2015	CIP Budget Year 1 2015 - 2016	Year 2 2016 - 2017	Year 3 2017 - 2018	Three Year Total	PROJECT NOTES:
STREETS	340.2	2,825.2	-	-	-	-	Capital Budget Project No: 14-005 Project Number: E13090 A/E Consultant: Coym, Rehmet & Gutierrez Engineering Award Design: January 2014 Contractor: TBD Award Construction: February 2017 Anticipated Completion: August 2018 Estimated Project Value: \$8,023,200
STORM WATER	141.5	-	-	780.4	1,950.9	2,731.3	
WASTEWATER	73.5	-	-	334.5	836.4	1,170.9	
WATER	67.9	241.0	-	123.3	308.4	431.7	
TOTAL:	623.1	3,066.2	-	1,238.2	3,095.7	4,333.9	
Source of Funds							
General Obligation Bonds	-	2,825.2	-	-	-	-	
Tax Notes	340.2	-	-	-	-	-	
Revenue Bonds	282.9	241.0	-	1,238.2	3,095.7	4,333.9	
TOTAL:	623.1	3,066.2	-	1,238.2	3,095.7	4,333.9	

OPERATIONAL IMPACT:

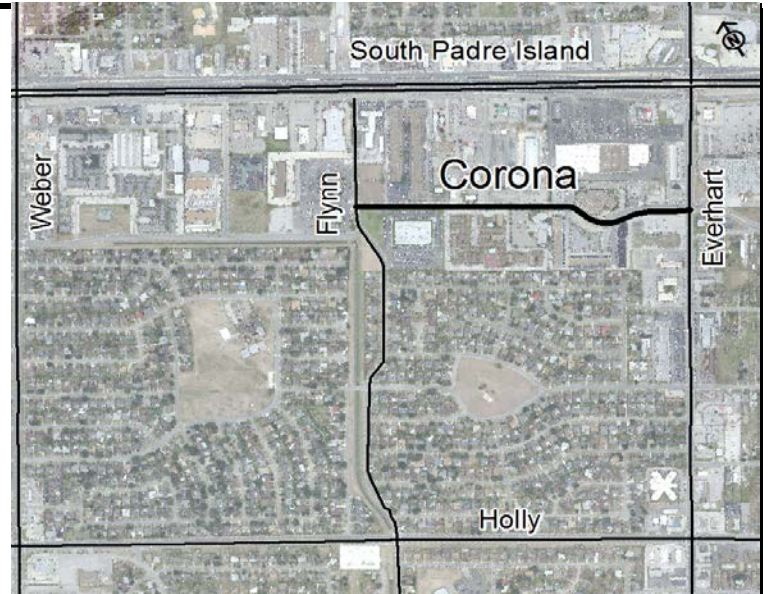
There is no direct operational budget impact, but this project will replace aging utilities where applicable, improve the road to accommodate heavier traffic flows and provide a safer driving experience.

PROJECT TITLE: Corona Drive - Flynn Parkway to Everhart Road

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

DESCRIPTION:

Corona Drive project includes a complete roadway rehabilitation of Corona Drive. The project will extend from the intersection of Everhart Road to the intersection of Flynn Parkway with a proposed realignment to connect Corona Drive to Tiger Lane. The proposed roadway classification and roadway width will be designed as a C-3 Primary Collector having four lanes with no median. The anticipated roadway improvements include curb and gutter, sidewalks, ADA curb ramps, RTA bus stop shelter and stop pad, pavement markings, signing, striped bike lanes, illumination, and traffic signals.



FUNDING SCHEDULE (Amounts in 000's)

Use of Funds	Project-to-Date Obligations April 2015	Unspent Prior Budget as of May 2015	CIP Budget Year 1 2015 - 2016	Year 2 2016 - 2017	Year 3 2017 - 2018	Three Year Total	PROJECT NOTES:
STREETS	333.8	2,866.2	-	-	-	-	Capital Budget Project No: 14-006 Project Number: E13091 A/E Consultant: Govind Development Award Design: January 2014 Contractor: TBD Award Construction: January 2016 Anticipated Completion: December '16 Estimated Project Value: \$5,171,600
STORM WATER	43.7	82.9	667.1	166.8		833.9	
WASTEWATER	54.6	-	283.3	70.8		354.1	
WATER	50.4	-	441.6	110.4		552.0	
TOTAL:	482.5	2,949.1	1,392.0	348.0		1,740.0	
Source of Funds							
General Obligation Bonds	-	2,613.2	-	-		-	
Tax Notes	333.8	253.0	-	-		-	
Revenue Bonds	148.7	82.9	1,392.0	348.0		1,740.0	
TOTAL:	482.5	2,949.1	1,392.0	348.0		1,740.0	

OPERATIONAL IMPACT:

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

Proposed Bond 2014 Proposition One: STREETS

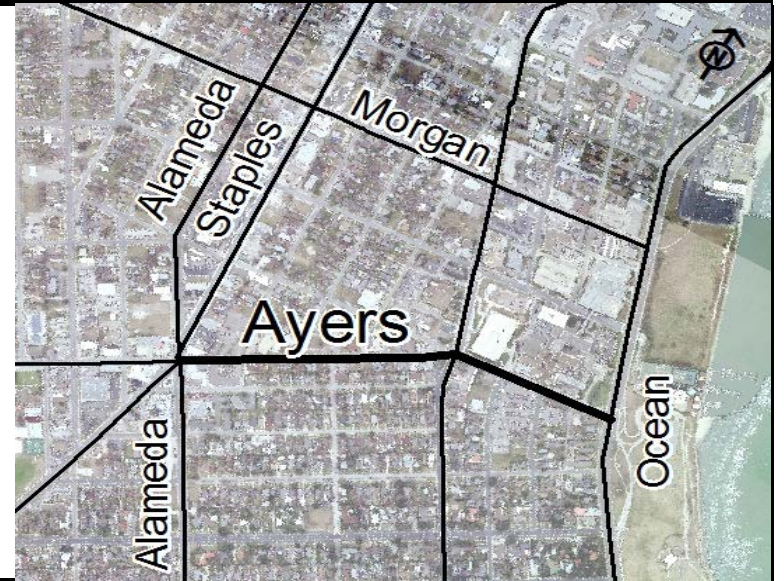
Sequence #07

PROJECT TITLE: Ayers Street - Ocean Drive to Alameda Street

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

DESCRIPTION:

Project limits include Ayers Street from Ocean Drive to Alameda Street and includes an intersection at 6-Points. These limits involve the existing right-of-way plus acquired parcels of right-of-way to facilitate the proposed improvements. The proposed construction consists of reconstruction of the roadway, replacement of water lines, wastewater lines, storm water lines, curb, gutter, sidewalks, driveways, ADA ramps and bike lanes. The recommended roadway cross-section will include a road-diet lane configuration with two lanes and a continuous center lane. Striped bike lanes are proposed on both sides of the street.



FUNDING SCHEDULE (Amounts in 000's)

Use of Funds	Project-to-Date Obligations April 2015	Unspent Prior Budget as of May 2015	CIP Budget Year 1 2015 - 2016	Year 2 2016 - 2017	Year 3 2017 - 2018	Three Year Total	PROJECT NOTES:
STREETS	528.9	3,371.1	308.0	-		308.0	Capital Budget Project No: 14-007 Project Number: E13092 A/E Consultant: Freese & Nichols Award Design: February 2014 Contractor: TBD Award Construction: June 2016 Anticipated Completion: September '17 Estimated Project Value: \$8,840,200
STORM WATER	163.4	-	560.1	1,540.4		2,100.5	
WASTEWATER	97.1	-	387.8	1,066.6		1,454.4	
WATER	78.4	-	196.9	541.5		738.4	
TOTAL:	867.8	3,371.1	1,452.8	3,148.5		4,601.3	
Source of Funds							
General Obligation Bonds	-	3,277.7	-	-		-	
Tax Notes	528.9	93.4	-	-		-	
Revenue Bonds	338.9	-	1,144.8	3,148.5		4,293.3	
Street CIP Reserves			308.0			308.0	
TOTAL:	867.8	3,371.1	1,452.8	3,148.5		4,601.3	

OPERATIONAL IMPACT:

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

Proposed Bond 2014 Proposition One: STREETS

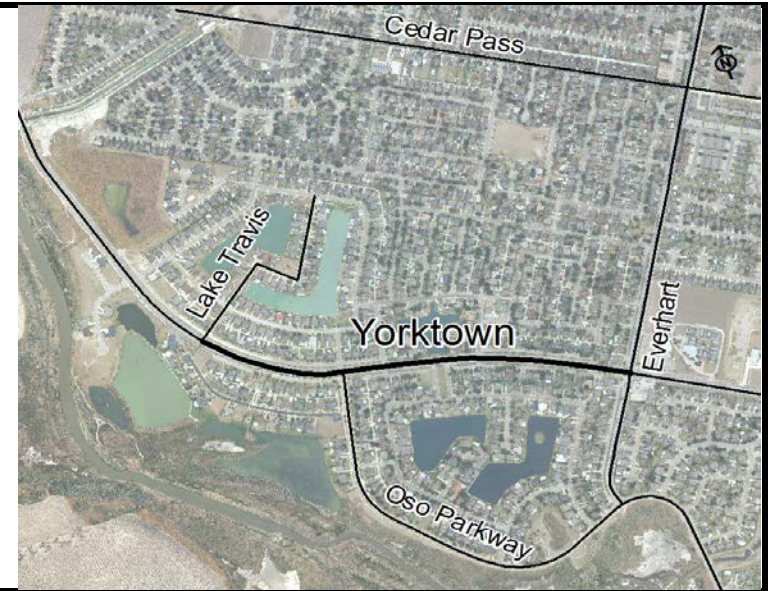
Sequence #08

PROJECT TITLE: Yorktown Boulevard - Lake Travis to Everhart Road

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

DESCRIPTION:

This project includes reconstruction of an existing roadway to a four lane roadway with raised median. Project limits include Yorktown Boulevard from approximately 275 feet past (north west of) Lake Travis Drive to the west edge of pavement for Everhart Road. Improvements include minor curb and gutter, sidewalks corrected for ADA compliance, driveways, ADA curb ramps, pavement markings, storm water, water, waste water improvements and required signage. Rights of way acquisition is not anticipated for this project. Street lighting will be provided along the median. The proposed outer lane will be a 13-foot shared use lane with posted Bike Route signage.



FUNDING SCHEDULE (Amounts in 000's)

Use of Funds	Project-to-Date Obligations April 2015	Unspent Prior Budget as of May 2015	CIP Budget Year 1 2015 - 2016	Year 2 2016 - 2017	Year 3 2017 - 2018	Three Year Total	PROJECT NOTES:
STREETS	572.8	3,127.1	2,275.0	-	-	2,275.0	Capital Budget Project No: 14-008 Project Number: E13093 A/E Consultant: LNV, Inc. Award Design: January 2014 Contractor: TBD Award Construction: June 2016 Anticipated Completion: April 2018 Estimated Project Value: \$9,626,100
STORM WATER	251.5	-	-	204.7	409.4	614.1	
WASTEWATER	129.9	-	-	69.5	139.0	208.5	
WATER	107.5	-	-	44.3	88.5	132.8	
GAS	-	-	-	735.6	1,471.3	2,206.9	
TOTAL:	1,061.7	3,127.1	2,275.0	1,054.1	2,108.2	5,437.3	
Source of Funds							
General Obligation Bonds	-	3,076.2	-	-	-	-	
Tax Notes	572.8	50.9	-	-	-	-	
Revenue Bonds	488.9	-	-	1,054.1	2,108.2	3,162.3	
Certificates of Obligation	-	-	2,275.0	-	-	2,275.0	
TOTAL:	1,061.7	3,127.1	2,275.0	1,054.1	2,108.2	5,437.3	

OPERATIONAL IMPACT:

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

Proposed Bond 2014 Proposition One: STREETS

Sequence #09

PROJECT TITLE: South Staples Street - Alameda Street to Morgan Avenue

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

DESCRIPTION:

The Staples Street project limits are from north edge of Ayers Street to the south edge of Morgan Avenue. The proposed construction work consists of reconstruction of the roadway, replacement of water and wastewater lines, storm sewer, traffic signal at Elizabeth Street, reconstruction of curb and gutter, sidewalks / driveways, and reconstruction of ADA accessible ramps. Lane configuration will be a road-diet with two lanes and a continuous center lane and shared outer lane for on-street parking and bike lanes. The existing intersection will be part of the Morgan Avenue project.



FUNDING SCHEDULE (Amounts in 000's)

Use of Funds	Project-to-Date Obligations April 2015	Unspent Prior Budget as of May 2015	CIP Budget Year 1 2015 - 2016	Year 2 2016 - 2017	Year 3 2017 - 2018	Three Year Total	PROJECT NOTES:
STREETS	420.6	2,479.4	378.0	-		378.0	Capital Budget Project No: 14-009 Project Number: E13094 A/E Consultant: HDR Engineering Award Design: January 2014
STORM WATER	149.9	-	171.8	429.5		601.3	
WASTEWATER	-	155.9	112.2	280.6		392.8	
WATER	71.9	-	121.4	303.4		424.8	
GAS	-	-	12.0	30.0		42.0	
TOTAL:	642.4	2,635.3	795.4	1,043.5		1,838.9	
Source of Funds							
General Obligation Bonds	-	2,459.5	-	-		-	Contractor: TBD Award Construction: June 2016 Anticipated Completion: August 2017
Tax Notes	420.6	19.9	-	-		-	
Revenue Bonds	221.8	155.9	795.4	1,043.5		1,838.9	
Street CIP Reserves	-	-	378.0	-		378.0	
TOTAL:	642.4	2,635.3	795.4	1,043.5		1,838.9	
							Estimated Project Value: \$5,116,600

OPERATIONAL IMPACT:

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

Proposed Bond 2014 Proposition One: STREETS

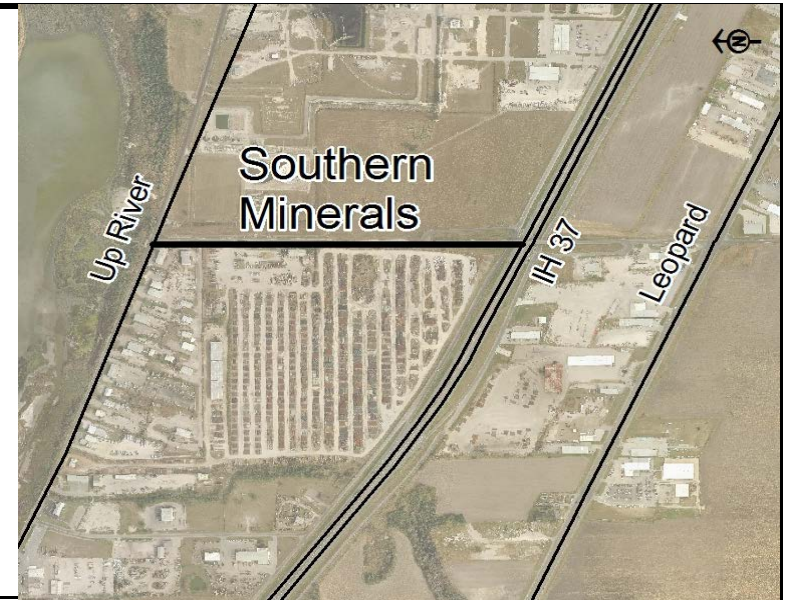
Sequence #10

PROJECT TITLE: Southern Minerals Road - Up River Road to IH 37

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

DESCRIPTION:

Project limits include Southern Minerals Road from Up River Road to the north frontage road for IH 37. These limits involve the existing right-of-way plus acquired parcels of right-of-way to facilitate the proposed improvements and include a left turn lane at Up River Road. The anticipated construction consists of reconstruction of the roadway, replacement of water, wastewater and storm water lines, curb, gutter, sidewalks, driveways, pavement markings, street light improvements, signage and ADA ramps. Recommended roadway cross-section proposed will consist of two lanes with concrete pavement surface.



FUNDING SCHEDULE (Amounts in 000's)

Use of Funds	Project-to-Date Obligations April 2015	Unspent Prior Budget as of May 2015	CIP Budget Year 1 2015 - 2016	Year 2 2016 - 2017	Year 3 2017 - 2018	Three Year Total	PROJECT NOTES:
STREETS	375.7	2,024.3					Capital Budget Project No: 14-010 Project Number: E13095 A/E Consultant: LNV, Inc. Award Design: February 2014 Contractor: TBD Award Construction: December '15 Anticipated Completion: September '16 Estimated Project Value: \$4,471,200
STORM WATER	151.1	-	719.7			719.7	
WASTEWATER	70.8	-	-				
WATER	65.3	-	1,064.3			1,064.3	
TOTAL:	662.9	2,024.3	1,784.0			1,784.0	
Source of Funds							
General Obligation Bonds	-	1,959.5	-			-	
Tax Notes	375.7	64.8	-			-	
Revenue Bonds	287.2	-	1,784.0			1,784.0	
TOTAL:	662.9	2,024.3	1,784.0			1,784.0	

OPERATIONAL IMPACT:

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

Proposed Bond 2014 Proposition One: STREETS

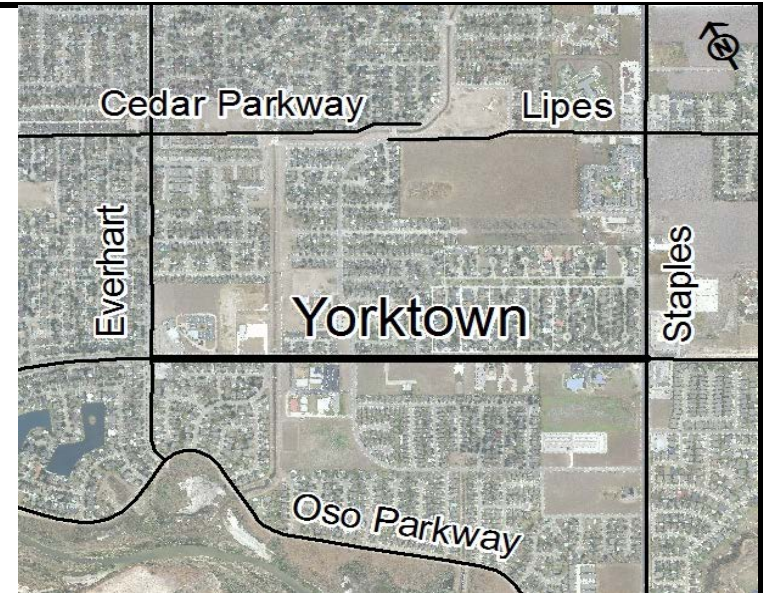
Sequence #11

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

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

DESCRIPTION:

Project limits for this project are Yorktown Boulevard from Everhart Road to Staples Street. The construction consists of roadway rehabilitation, replacement of storm water, water and wastewater lines, reconstruction of curb and gutter, sidewalks/driveways, ADA accessible ramps and bike lanes. Lane configuration will be a four lane with raised median and include striping for bike lanes.



FUNDING SCHEDULE (Amounts in 000's)

Use of Funds	Project-to-Date Obligations April 2015	Unspent Prior Budget as of May 2015	CIP Budget Year 1 2015 - 2016	Year 2 2016 - 2017	Year 3 2017 - 2018	Three Year Total	PROJECT NOTES:
STREETS	675.8	6,824.1	1,115.0	-	-	1,115.0	Capital Budget Project No: 14-011 Project Number: E13096 A/E Consultant: Freese & Nichols Award Design: February 2014 Contractor: TBD Award Construction: July 2016 Anticipated Completion: April 2018 Estimated Project Value: \$12,737,700
STORM WATER	186.8	-	458.1	1,374.2	572.6	2,404.9	
WASTEWATER	111.2	-	39.1	117.2	48.8	205.1	
WATER	89.7	-	214.3	642.9	267.9	1,125.1	
TOTAL:	1,063.5	6,824.1	1,826.5	2,134.3	889.3	4,850.1	
Source of Funds							
General Obligation Bonds	-	6,535.8	-	-	-	-	
Tax Notes	675.8	288.3	-	-	-	-	
Revenue Bonds	387.7	-	1,826.5	2,134.3	889.3	4,850.1	
Certificates of Obligation	-	-	1,115.0	-	-	1,115.0	
TOTAL:	1,063.5	6,824.1	1,826.5	2,134.3	889.3	4,850.1	

OPERATIONAL IMPACT:

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

Proposed Bond 2014 Proposition One: STREETS

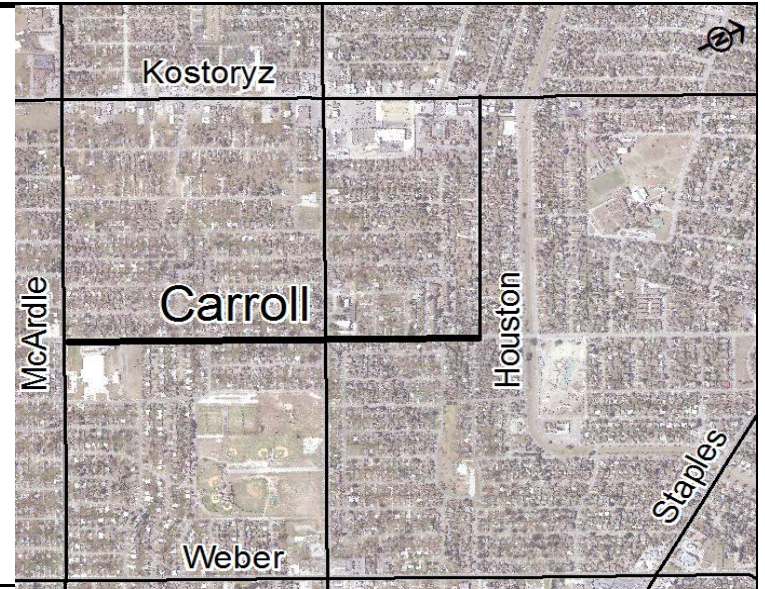
Sequence #12

PROJECT TITLE: Carroll Lane from Houston to McArdle Road

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

DESCRIPTION:

Project limits include Carroll Lane from Houston Street to McArdle Road, exclusive of the Gollihar Road intersection and the McArdle intersection. The proposed construction includes reconstruction of the roadway, replacement of water lines, wastewater lines, storm water lines, curb, gutter, sidewalks, driveways, and ADA ramps. Recommended roadway cross-section will be for a C-1 Collector roadway with two lanes having a 14-foot shared outer lane in each direction.



FUNDING SCHEDULE (Amounts in 000's)

Use of Funds	Project-to-Date Obligations April 2015	Unspent Prior Budget as of May 2015	CIP Budget Year 1 2015 - 2016	Year 2 2016 - 2017	Year 3 2017 - 2018	Three Year Total	PROJECT NOTES:
STREETS	289.0	2,911.0	862.0	-		862.0	Capital Budget Project No: 14-012 Project Number: E13097 A/E Consultant: Martinez, Guy & Maybik, Inc. Award Design: January 2014 Contractor: TBD Award Construction: August 2016 Anticipated Completion: July 2017 Estimated Project Value: \$7,021,900
STORM WATER	130.1	-	151.9	1,518.9		1,670.8	
WASTEWATER	62.4	-	40.4	404.4		444.8	
WATER	67.6	-	53.1	531.1		584.2	
TOTAL:	549.1	2,911.0	1,107.4	2,454.4		3,561.8	
Source of Funds							
General Obligation Bonds	-	2,859.6	-	-		-	
Tax Notes	289.0	51.4	-	-		-	
Revenue Bonds	260.1	-	1,107.4	2,454.4		2,699.8	
Street CIP Reserves	-	-	862.0	-		862.0	
TOTAL:	549.1	2,911.0	1,107.4	2,454.4		3,561.8	

OPERATIONAL IMPACT:

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

Proposed Bond 2014 Proposition One: STREETS

Sequence #13

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:

Project limits include Old Robstown Road from State Highway 44 to Leopard Street. These limits involve the existing right-of-way to facilitate the proposed improvements which consist of two lanes with continuous center lane and an outer shared use lane for vehicles and bikes. In addition to the roadway reconstruction, the remaining proposed construction consists of replacement of water lines, wastewater lines, storm water lines, curb, gutter, sidewalks, driveways, and ADA ramps.



FUNDING SCHEDULE (Amounts in 000's)

Use of Funds	Project-to-Date Obligations April 2015	Unspent Prior Budget as of May 2015	CIP Budget Year 1 2015 - 2016	Year 2 2016 - 2017	Year 3 2017 - 2018	Three Year Total	PROJECT NOTES:
STREETS	342.9	2,657.1	712.0	-		712.0	Capital Budget Project No: 14-013 Project Number: E13098 A/E Consultant: CH2M Hill Award Design: April 2014 Contractor: TBD Award Construction: March 2016 Anticipated Completion: February '17 Estimated Project Value: \$11,431,000
STORM WATER	127.5	-	2,393.3	1,367.6		3,760.9	
WASTEWATER	66.3	-	643.1	367.5		1,010.6	
WATER	61.2	-	1,713.4	979.1		2,692.5	
TOTAL:	597.9	2,657.1	5,461.8	2,714.2		8,176.0	
Source of Funds							
General Obligation Bonds	-	2,611.6	-	-		-	
Tax Notes	342.9	45.5	-	-		-	
Revenue Bonds	255.0	-	4,749.8	2,714.2		7,464.0	
Street CIP Reserves	-	-	712.0			712.0	
TOTAL:	597.9	2,657.1	5,461.8	2,714.2		8,176.0	

OPERATIONAL IMPACT:

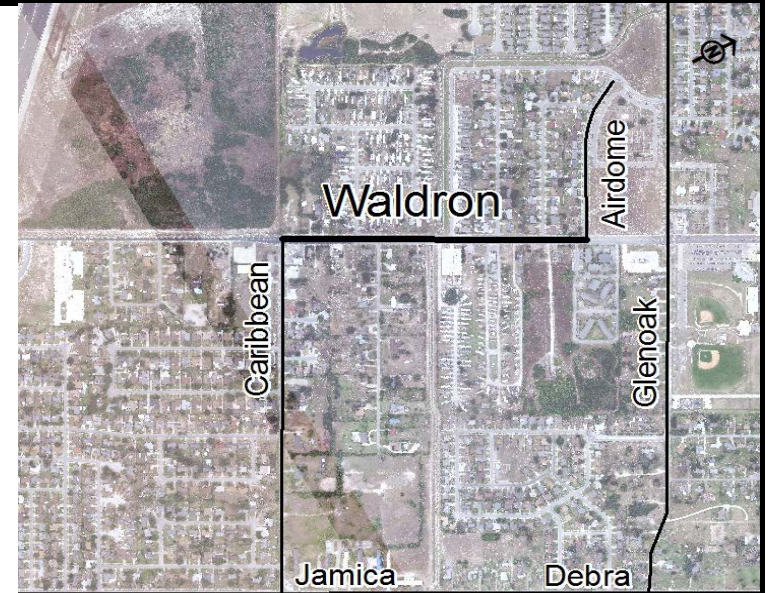
There is no direct operational budget impact, but this project will replace aging utilities where applicable, improve the road to accommodate heavier traffic flows and provide a safer driving experience.

PROJECT TITLE: Waldron Road - Airdome to Caribbean

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

DESCRIPTION:

This project will consist of full-depth repair of a five lane roadway section (four travel lanes and a continuous center turn lane) as a secondary arterial (A2). Improvements will include curb and gutter, sidewalks (10-foot eastside and 5-foot westside), ADA curb-ramps and pavement marking. Utility improvements include underground storm water, water improvements, sanitary sewer system and gas. There will be no bike lanes along this street.



FUNDING SCHEDULE (Amounts in 000's)

Use of Funds	Project-to-Date Obligations April 2015	Unspent Prior Budget as of May 2015	CIP Budget Year 1 2015 - 2016	Year 2 2016 - 2017	Year 3 2017 - 2018	Three Year Total	PROJECT NOTES:
STREETS	444.1	1,555.9					Capital Budget Project No: 14-014 Project Number: E13099 A/E Consultant: Urban Engineering Award Design: January 2014 Contractor: Bay, Ltd. Award Construction: June 2015 Anticipated Completion: March 2016 Estimated Project Value: \$3,672,000
STORM WATER	164.7	138.6					
WASTEWATER	83.6	204.9					
WATER	79.0	953.9					
GAS	-	47.3					
TOTAL:	771.4	2,900.6					
Source of Funds							
General Obligation Bonds	-	1,483.8					
Tax Notes	444.1	72.1					
Revenue Bonds	327.3	1,344.7					
TOTAL:	771.4	2,900.6					

OPERATIONAL IMPACT:

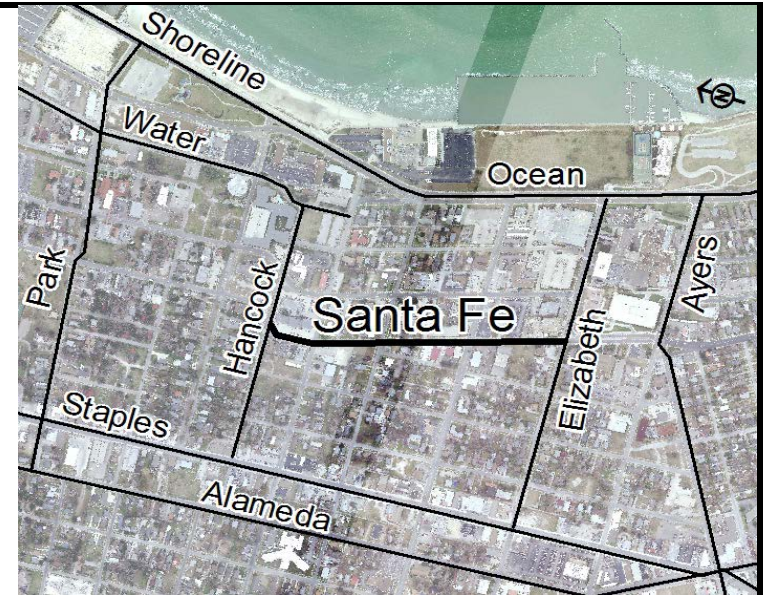
There is no direct operational budget impact, but this project will replace aging utilities where applicable, improve the road to accommodate heavier traffic flows and provide a safer driving experience.

PROJECT TITLE: Santa Fe - Elizabeth Street to Hancock Road

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

DESCRIPTION:

This project will consist of approximately 1,700 linear feet of four-lane asphalt roadway mill and overlay with curb and gutter. Other improvements include repair of existing water and wastewater lines; replacing storm water inlets and manholes; improvements to existing traffic signals; evaluation of traffic signal timing at Third Street and Elizabeth Street; replacing non-compliant sidewalk, ADA ramps; driveways; signs and pavement markings; and relocation of AEP power poles with LED lighting on the west side of the street.



FUNDING SCHEDULE (Amounts in 000's)

Use of Funds	Project-to-Date Obligations April 2015	Unspent Prior Budget as of May 2015	CIP Budget Year 1 2015 - 2016	Year 2 2016 - 2017	Year 3 2017 - 2018	Three Year Total	PROJECT NOTES:
STREETS	215.1	1,184.9	-			-	Capital Budget Project No: 14-015 Project Number: E13100 A/E Consultant: Maverick Engineering Award Design: February 2014 Contractor: TBD Award Construction: August 2015 Anticipated Completion: March 2016 Estimated Project Value: \$2,241,900
STORM WATER	69.3	-	682.9			682.9	
WASTEWATER	36.0	-	-			-	
WATER	33.2	-	20.5			20.5	
TOTAL:	353.6	1,184.9	703.4			703.4	
Source of Funds							
General Obligation Bonds	-	1,184.9	-			-	
Tax Notes	215.1	-	-			-	
Revenue Bonds	138.5	-	703.4			703.4	
TOTAL:	353.6	1,184.9	703.4			703.4	

OPERATIONAL IMPACT:

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

Proposed Bond 2014 Proposition One: STREETS

Sequence #16

PROJECT TITLE: ADA Master Plan Implementation

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

DESCRIPTION:

This project will implement the remaining work outlined in the Americans with Disabilities Act (ADA) transition plan approved by the City Council (2003) as well as addressing accessible routes including sidewalks and curb ramps which are identified and prioritized in the ADA Master Plan approved by City Council November 20, 2012. In addition to these priorities, this project will also incorporate curb ramp locations which are identified by individual citizens and prioritized by the Committee for Persons with Disabilities Engineering Sub-Committee, by constructing approved curb ramps with a project cost of up to \$100,000 per year.



FUNDING SCHEDULE (Amounts in 000's)

Use of Funds	Project-to-Date Obligations April 2015	Unspent Prior Budget as of May 2015	CIP Budget Year 1 2015 - 2016	Year 2 2016 - 2017	Year 3 2017 - 2018	Three Year Total	PROJECT NOTES:
STREETS	1.9	2,298.1					Capital Budget Project No: 14-016 Project Number: E13101 A/E Consultant: TBD Award Design: TBD
STORM WATER							
WASTEWATER							
WATER							
GAS							
TOTAL:	1.9	2,298.1					
Source of Funds							
General Obligation Bonds	-	2,224.8					Contractor: TBD Award Construction: TBD Anticipated Completion: TBD
Tax Notes	1.9	73.3					
Revenue Bonds							
TOTAL:	1.9	2,298.1					Estimated Project Value: \$2,300,000

OPERATIONAL IMPACT:

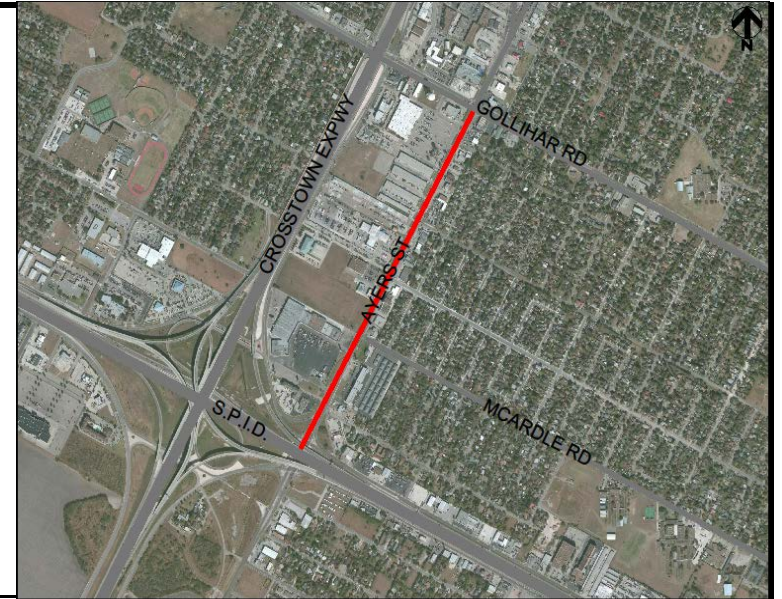
There is no direct operational budget impact, but this project will replace aging utilities where applicable, improve the road to accommodate heavier traffic flows and provide a safer driving experience.

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 will add pedestrian routes and ramps built to comply with Americans with Disabilities Act Standards to Ayers Street from SPID to Gollihar. Turn lanes will be included at the intersections of Ayers with Mansheim and Sunnybrook. Additional work will include storm drainage enhancements, pavement markings and minor utility work.



FUNDING SCHEDULE (Amounts in 000's)

Use of Funds	Project-to-Date Obligations April 2015	Unspent Prior Budget as of May 2015	CIP Budget Year 1 2015 - 2016	Year 2 2016 - 2017	Year 3 2017 - 2018	Three Year Total	PROJECT NOTES:
STREETS	4.0	1,996.0	-	-	-	-	Capital Budget Project No: 14-017 Project Number: E15106 A/E Consultant: LAN, Inc. Award Design: June 2015 Contractor: TBD Award Construction: December '16 Anticipated Completion: February 2018 Estimated Project Value: \$4,362,000
STORM WATER	-	-	-	545.2	242.3	787.5	
WASTEWATER	-	-	-	545.2	242.3	787.5	
WATER	-	-	-	545.2	242.3	787.5	
TOTAL:	4.0	1,996.0	-	1,635.6	726.9	2,362.5	
Source of Funds							
General Obligation Bonds	4.0	1,996.0	-	-	-	-	
Revenue Bonds	-	-	-	1,635.6	726.9	2,362.5	
TOTAL:	4.0	1,996.0	-	1,635.6	726.9	2,362.5	

OPERATIONAL IMPACT:

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

Proposed Bond 2014 Proposition Two: STREETS

Sequence #18

PROJECT TITLE: Chaparral Street Phase 2 - Downtown Development Master Plan

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

DESCRIPTION:

This project will continue the Chaparral Street improvements from Schatzel Street to Taylor Street with minor modifications. This will include new curbs, widened sidewalks, including but not limited to, textured concrete and/or pavers, street pavement, new trees, shrubs, irrigation, landscape lighting and other amenities as available and funding allows. Improvements will match Phase 1 of this project completed through Bond 2008.



FUNDING SCHEDULE (Amounts in 000's)

Use of Funds	Project-to-Date Obligations April 2015	Unspent Prior Budget as of May 2015	CIP Budget Year 1 2015 - 2016	Year 2 2016 - 2017	Year 3 2017 - 2018	Three Year Total	PROJECT NOTES:
STREETS	4.0	4,996.0	-	-	-	-	Capital Budget Project No: 14-018
STORM WATER	-	-	194.4	466.6	38.9	699.9	Project Number: E15107
WASTEWATER	-	-	194.4	466.6	38.9	699.9	A/E Consultant: HDR, Inc.
WATER	-	-	194.4	466.6	38.9	699.9	Award Design: June 2015
GAS	-	-	194.4	466.6	38.9	699.9	Contractor: TBD
TOTAL:	4.0	4,996.0	777.6	1,866.4	155.6	2,799.6	Award Construction: August 2016
Source of Funds							Anticipated Completion: November '17
General Obligation Bonds	4.0	4,996.0	-	-	-	-	Estimated Project Value: \$7,799,600
Revenue Bonds	-	-	777.6	1,866.4	155.6	2,799.6	
TOTAL:	4.0	4,996.0	777.6	1,866.4	155.6	2,799.6	

OPERATIONAL IMPACT:

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

**PROJECT TITLE: Texas Department of Transportation Participation
(CITY MATCH TXDOT PROJECTS)**

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

DESCRIPTION:

This project provides funding for the City's local share of costs on constructing projects leveraged with Texas Department of Transportation funding. Current projects that have utilized this funding include the MPO Master Plan Update and Regional Parkway Planning and Environmental Linkages Study.



FUNDING SCHEDULE (Amounts in 000's)

Use of Funds	Project-to-Date Obligations April 2015	Unspent Prior Budget as of May 2015	CIP Budget Year 1 2015 - 2016	Year 2 2016 - 2017	Year 3 2017 - 2018	Three Year Total	PROJECT NOTES:
STREETS	286.9	2,163.3					Capital Budget Project No: 14-019 Project Number: E15105 A/E Consultant: N/A Award Design: N/A
TOTAL:	286.9	2,163.3					
Source of Funds							Contractor: On-Going Award Construction: On-Going
General Obligation Bonds	286.9	2,163.3					Anticipated Completion: On-Going
Revenue Bonds	-	-					
TOTAL:	286.9	2,163.3					Estimated Project Value: \$2,450,226

OPERATIONAL IMPACT:

There is no direct operational budget impact, but this project could improve road conditions to accommodate heavier traffic flows and provide a safer driving experience.

Proposed Bond 2014 Proposition Two: STREETS

Sequence #20

PROJECT TITLE: Traffic Signals and Lighting Improvements - City Wide

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

DESCRIPTION:

This work includes various Citywide traffic operation improvements, including traffic signals and capacity to include: new traffic signals that meet signal warrants at Ennis Joslin and McArdle; Flour Bluff and Purdue), span wire traffic signal replacements with mast arm pole assemblies (up to 10 of the 30 remaining in the City), Ennis Joslin corridor (traffic signal hardware and software upgrades, traffic signals coordination), Citywide traffic signals wireless communication, Citywide school zones wireless communication, traffic signal controller upgrades, traffic signal controller cabinet upgrades, radar detection systems, signal head replacements, Park Road 22 at Commodores eastbound left turn bay extension, and Park Road 22 at Whitecap eastbound left turn bay extension.



FUNDING SCHEDULE (Amounts in 000's)

Use of Funds	Project-to-Date Obligations April 2015	Unspent Prior Budget as of May 2015	CIP Budget Year 1 2015 - 2016	Year 2 2016 - 2017	Year 3 2017 - 2018	Three Year Total	PROJECT NOTES:
STREETS	47.6	4,952.4					Capital Budget Project No: 14-020 Project Number: E15113 A/E Consultant: MBITS Award Design: May 2015
TOTAL:	47.6	4,952.4					
Source of Funds							
General Obligation Bonds	47.6	4,952.4					Contractor: TBD
Revenue Bonds	-	-					Award Construction: On-Going
TOTAL:	47.6	4,952.4					Anticipated Completion: On-Going Estimated Project Value: \$5,000,000

OPERATIONAL IMPACT:

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

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 repair and capacity expansion of the existing two lane roadway which is designated as an A-3 arterial on the Urban Transportation Plan. Consideration will be given to increase the capacity of the current roadway and will assess the need to either a five lane roadway (four travel lanes and continuous center left turn lane) to conform to the A-1 Arterial designation of the current Urban Transportation Master Plan or a C-3 Collector (undivided four land road with two travel lanes in each direction). The new roadway will include a T-Intersection at Yorktown, eliminating the existing curved configuration. Improvements will include curb and gutter, sidewalks, ADA curb ramps, and pavement markings, bike lanes and utility improvements.



FUNDING SCHEDULE (Amounts in 000's)

Use of Funds	Project-to-Date Obligations April 2015	Unspent Prior Budget as of May 2015	CIP Budget Year 1 2015 - 2016	Year 2 2016 - 2017	Year 3 2017 - 2018	Three Year Total	PROJECT NOTES:
STREETS	53.9	9,546.1	-	-	-	-	Capital Budget Project No: 14-021 Project Number: E15112 A/E Consultant: RVE - LJA Award Design: May 2015 Contractor: TBD Award Construction: June 2016 Anticipated Completion: June 2018 Estimated Project Value: \$13,100,000
STORM WATER	-	-	109.4	437.5	328.1	875.0	
WASTEWATER	-	-	109.4	437.5	328.1	875.0	
WATER	-	-	109.4	437.5	328.1	875.0	
GAS	-	-	109.4	437.5	328.1	875.0	
TOTAL:	53.9	9,546.1	437.6	1,750.0	1,312.4	3,500.0	
Source of Funds							
General Obligation Bonds	53.9	9,546.1	-	-	-	-	
Revenue Bonds	-	-	437.6	1,750.0	1,312.4	3,500.0	
TOTAL:	53.9	9,546.1	437.6	1,750.0	1,312.4	3,500.0	

OPERATIONAL IMPACT:

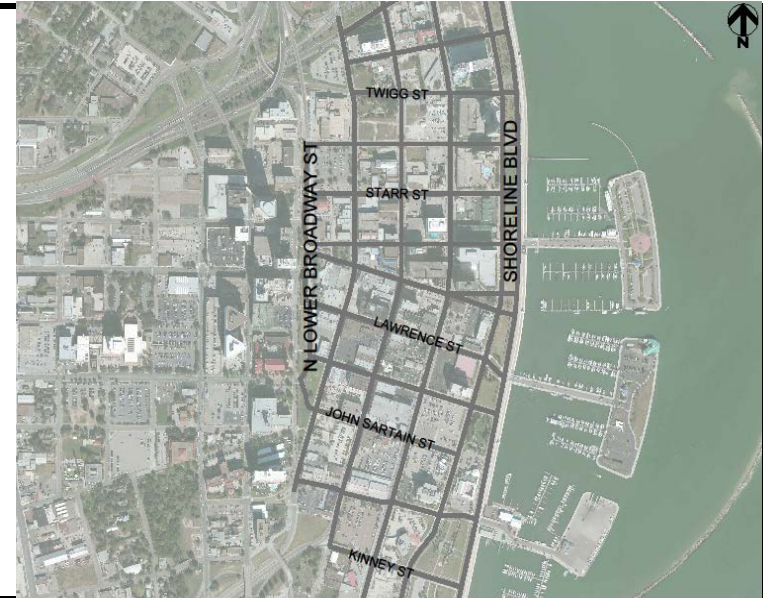
There is no direct operational budget impact, but this project will replace aging utilities where applicable, improve the road to accommodate heavier traffic flows and provide a safer driving experience.

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 will replace all obsolete single poles at traffic signals on Water Street corridor with mast arm pole assemblies from south of IH-37 to Coopers Alley. It will upgrade traffic signal hardware and software to City standard configuration. The new mast arm poles will be designed to comply with the architectural design standards outlined in the Central Business District Area Development Plan. Traffic signals will be coordinated for better traffic flows. This project will also assess the need to remove existing traffic signals as traffic signal warrant analysis dictates.



FUNDING SCHEDULE (Amounts in 000's)

Use of Funds	Project-to-Date Obligations April 2015	Unspent Prior Budget as of May 2015	CIP Budget Year 1 2015 - 2016	Year 2 2016 - 2017	Year 3 2017 - 2018	Three Year Total	PROJECT NOTES:
STREETS	4.0	3,496.0					Capital Budget Project No: 14-022 Project Number: E15108 A/E Consultant: CDM Smith Award Design: June 2015 Contractor: TBD Award Construction: June 2016 Anticipated Completion: March 2017 Estimated Project Value: \$3,500,000
STORM WATER	-	-					
WASTEWATER	-	-					
WATER	-	-					
GAS	-	-					
TOTAL:	4.0	3,496.0					
Source of Funds							
General Obligation Bonds	4.0	3,496.0					
Revenue Bonds	-	-					
TOTAL:	4.0	3,496.0					

OPERATIONAL IMPACT:

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

PROJECT TITLE: Ennis Joslin Extension - Holly to Williams

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

DESCRIPTION:

This project will construct the missing roadway gap in Ennis Joslin Boulevard from Williams Drive to Holly Road. Work will include: signals, curb and gutter, sidewalks, ADA curb ramps, and pavement markings. The current design will maximize the available dedicated right-of-way for a suitable roadway within project budget. Utility improvements will be installed and extended to Holly Road.



FUNDING SCHEDULE (Amounts in 000's)

Use of Funds	Project-to-Date Obligations April 2015	Unspent Prior Budget as of May 2015	CIP Budget Year 1 2015 - 2016	Year 2 2016 - 2017	Year 3 2017 - 2018	Three Year Total	PROJECT NOTES:
STREETS	4.0	3,396.0	-	-	-	-	Capital Budget Project No: 14-023 Project Number: E15109 A/E Consultant: Urban Eng. Award Design: June 2015 Contractor: TBD Award Construction: February 2016 Anticipated Completion: November '16 Estimated Project Value: \$5,150,000
STORM WATER	-	-	170.1	267.4		437.5	
WASTEWATER	-	-	170.1	267.4		437.5	
WATER	-	-	170.1	267.4		437.5	
GAS	-	-	170.1	267.4		437.5	
TOTAL:	4.0	3,396.0	680.4	1,069.6		1,750.0	
Source of Funds							
General Obligation Bonds	4.0	3,396.0	-	-	-	-	
Revenue Bonds	-	-	680.4	1,069.6		1,750.0	
TOTAL:	4.0	3,396.0	680.4	1,069.6		1,750.0	

OPERATIONAL IMPACT:

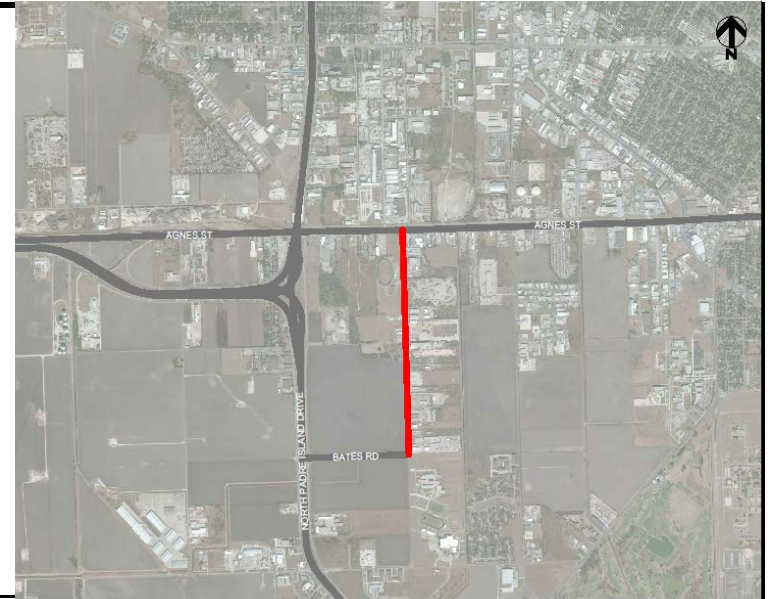
There is no direct operational budget impact, but this project will replace aging utilities where applicable, improve the road to accommodate heavier traffic flows and provide a safer driving experience.

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 repair and capacity expansion of the existing two lane rural roadway. Consideration will be given to improve the roadway to a rural C-1 Collector, which is consistent with the designation in the Urban Transportation Plan. Curb and gutter or sidewalk improvements are not anticipated but will be assessed during design.



FUNDING SCHEDULE (Amounts in 000's)

Use of Funds	Project-to-Date Obligations April 2015	Unspent Prior Budget as of May 2015	CIP Budget Year 1 2015 - 2016	Year 2 2016 - 2017	Year 3 2017 - 2018	Three Year Total	PROJECT NOTES:
STREETS	4.0	3,496.0	-	-	-	-	Capital Budget Project No: 14-024 Project Number: E15110 A/E Consultant: Ch2MHill Award Design: June 2015 Contractor: TBD Award Construction: August 2016 Anticipated Completion: November '17 Estimated Project Value: \$5,774,800
STORM WATER	-	-	40.6	487.5	40.6	568.7	
WASTEWATER	-	-	40.6	487.5	40.6	568.7	
WATER	-	-	40.6	487.5	40.6	568.7	
GAS	-	-	40.6	487.5	40.6	568.7	
TOTAL:	4.0	3,496.0	162.4	1,950.0	162.4	2,274.8	
Source of Funds							
General Obligation Bonds	4.0	3,496.0	-	-	-	-	
Revenue Bonds	-	-	162.4	1,950.0	162.4	2,274.8	
TOTAL:	4.0	3,496.0	162.4	1,950.0	162.4	2,274.8	

OPERATIONAL IMPACT:

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

Proposed Bond 2014 Proposition Two: STREETS

Sequence #25

PROJECT TITLE: North Padre Island Beach Access Roads (3A and 2)

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

DESCRIPTION:

This project includes reconstruction of beach access roads on North Padre Island, including Beach Access Road 3A. Consideration will be given to other beach access roads for which the City has the responsibility of maintaining to the extent that funding allows.



FUNDING SCHEDULE (Amounts in 000's)

Use of Funds	Project-to-Date Obligations April 2015	Unspent Prior Budget as of May 2015	CIP Budget Year 1 2015 - 2016	Year 2 2016 - 2017	Year 3 2017 - 2018	Three Year Total	PROJECT NOTES:
STREETS	4.0	3,496.0					Capital Budget Project No: 14-026 Project Number: E15111 A/E Consultant: Govind, Inc. Award Design: June 2015
TOTAL:	4.0	3,496.0					
Source of Funds							
General Obligation Bonds	4.0	3,496.0					Contractor: TBD Award Construction: April 2016
Revenue Bonds	-	-					Anticipated Completion: November '16
TOTAL:	4.0	3,496.0					Estimated Project Value: \$3,500,000

OPERATIONAL IMPACT:

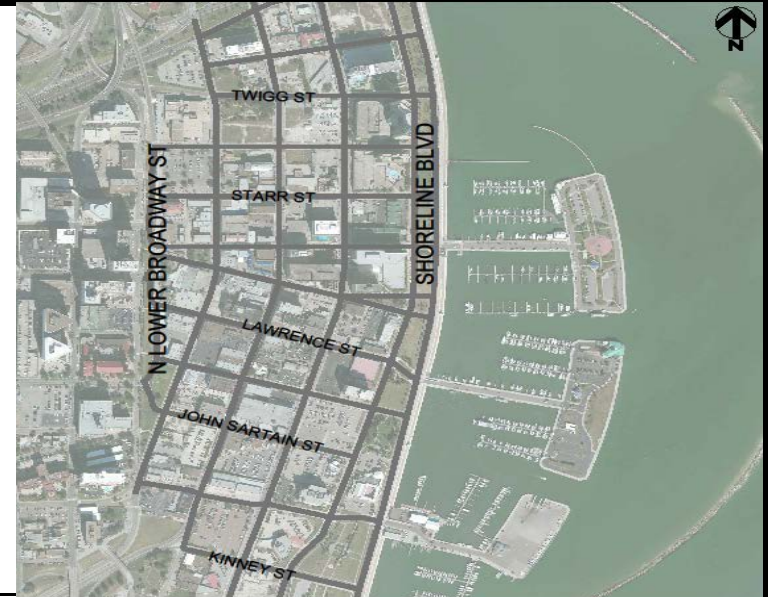
There is no direct operational budget impact, but this project will replace aging utilities where applicable, improve the road to accommodate heavier traffic flows and provide a safer driving experience.

PROJECT TITLE: Downtown Road and Streetscape Improvements

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

DESCRIPTION:

Improvements to the downtown streetscape such as new trash cans, improvements to the gateways (Laredo, Agnes, Mesquite area) and wayfinding signage to help create a sense of arrival to the district and enhance downtown image. This project also includes other various street, sidewalk, lighting and landscaping improvements such as improvements to Peoples or Lawrence Streets. The first project under this category is for lighting improvement to La Retama Park to enhance this popular downtown area.



FUNDING SCHEDULE (Amounts in 000's)

Use of Funds	Project-to-Date Obligations April 2015	Unspent Prior Budget as of May 2015	CIP Budget Year 1 2015 - 2016	Year 2 2016 - 2017	Year 3 2017 - 2018	Three Year Total	PROJECT NOTES:
STREETS	4.0	1,496.0					Capital Budget Project No: 14-028 Project Number: E15098 A/E Consultant: CDM Smith Award Design: June 2015
TOTAL:	4.0	1,496.0					
Source of Funds							
General Obligation Bonds	4.0	1,496.0					Contractor: TBD Award Construction: April 2016 Anticipated Completion: November '16
Revenue Bonds	-	-					
TOTAL:	4.0	1,496.0					

OPERATIONAL IMPACT:

There is no direct operational budget impact, but this project will replace

PROJECT TITLE: Creekview Drive Extension

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

DESCRIPTION:

This project involves extending Creekview Drive to McKinzie Road. There are no utilities planned for this project.



FUNDING SCHEDULE (Amounts in 000's)

Use of Funds	Project-to-Date Obligations April 2015	Unspent Prior Budget as of May 2015	CIP Budget Year 1 2015 - 2016	Year 2 2016 - 2017	Year 3 2017 - 2018	Three Year Total	PROJECT NOTES:
STREETS	-	295.0					Capital Budget Project No: 14-029 Project Number: E15122 A/E Consultant: TBD Award Design: TBD
TOTAL:	-	295.0					
Source of Funds							Contractor: TBD Award Construction: January 2017 Anticipated Completion: April 2017
General Obligation Bonds	-	295.0					
Revenue Bonds	-	-					
TOTAL:	-	295.0					Estimated Project Value: \$295,000

OPERATIONAL IMPACT:

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

Bond 2012 Proposition One: STREETS

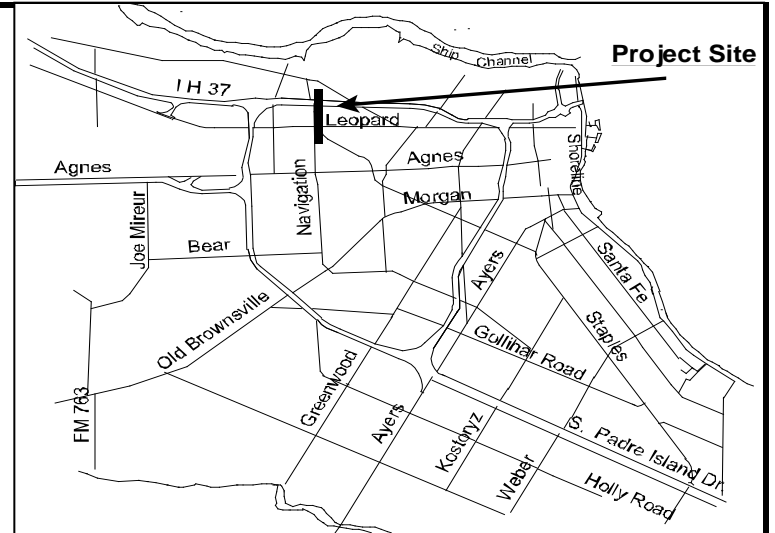
Sequence #28

PROJECT TITLE: Navigation Boulevard - Up River Road to Leopard Street

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

DESCRIPTION:

After construction contract award for this project, substantial project changes were implemented to reduce the City's risk with potential disruption and damage to critical Refinery pipelines resulting from proposed construction of underground Storm Water drainage lines. As a result of the magnitude of the changes in scope and cost, repricing through negotiation is not feasible and the project will be re-bid. No construction has occurred to date. This project includes full-depth repair and capacity expansion of the existing four lane roadway to a five lane roadway (four travel lanes and continuous center left turn lane) to conform to the A-1 Arterial designation of the current Urban Transportation Master Plan (UTMP). Improvements will include curb and gutter, sidewalks, ADA curb ramps, pavement markings, and storm water, wastewater, water and gas utility line construction where necessary.



FUNDING SCHEDULE (Amounts in 000's)

Use of Funds	Project-to-Date Obligations April 2015	Unspent Prior Budget as of May 2015	CIP Budget Year 1 2015 - 2016	Year 2 2016 - 2017	Year 3 2017 - 2018	Three Year Total	PROJECT NOTES:
STREETS	1,070.8	5,556.4	1,727.0			1,727.0	Capital Budget Project No: 13-001
STORM WATER	297.9	4,280.4	609.9			609.9	Engineering Project No: E12090
WASTEWATER	117.0	780.5	473.3			473.3	Finance Project No: E12090
WATER	90.4	721.0	742.9			742.9	A/E Consultant: LNV, Inc.
GAS	21.6	92.4	160.0			160.0	Contractor: Re-bid
TOTAL:	1,597.7	11,430.7	3,713.1			3,713.1	Award Design: January 2013
Source of Funds							Award Construction: August 2015
Bond Issue 2012	1,070.8	5,556.4	-			-	Anticipated Completion: October 2016
Revenue Bond	526.9	5,874.3	1,986.1			1,986.1	
Certificates of Obligation	-	-	1,727.0			1,727.0	
TOTAL:	1,597.7	11,430.7	3,713.1			3,713.1	Total Project Value: \$16,741,500

OPERATIONAL IMPACT:

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

Bond 2012 Proposition One: STREETS

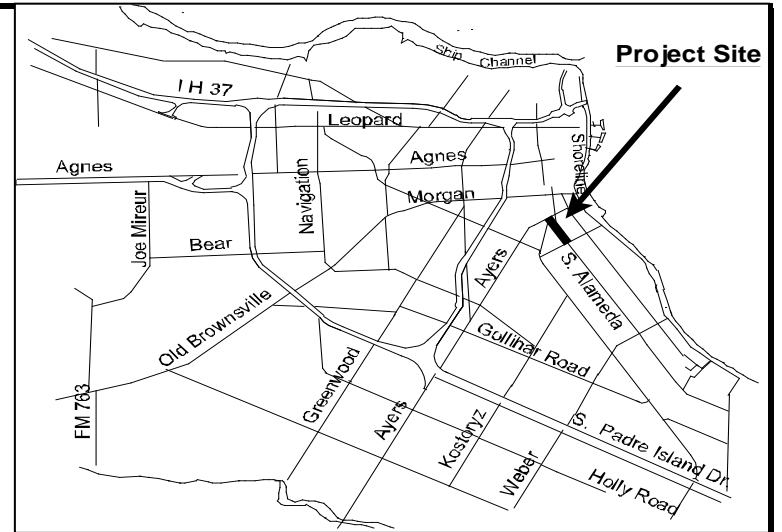
Sequence #29

PROJECT TITLE: South Alameda Street - Ayers Street to Louisiana Avenue

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

DESCRIPTION:

This project includes full-depth repair of the existing roadway section, which varies between a four lane A-2 Arterial roadway which has four travel lanes and dividing median (in the Six Points Area) and an A-1 section (four travel lanes and continuous center left turn lane) for the remaining portion be reduced to a road-diet 2-lane with a continuous center turn lane. A shared use outer lane is proposed for vehicles and bikes. Other street improvements include sidewalks, ADA ramps, curb and gutter, bus stop rehabilitation and pavement markings.



FUNDING SCHEDULE (Amounts in 000's)

Use of Funds	Project-to-Date Obligations April 2015	Unspent Prior Budget as of May 2015	CIP Budget Year 1 2015 - 2016	Year 2 2016 - 2017	Year 3 2017 - 2018	Three Year Total	PROJECT NOTES:
STREETS	341.5	1,955.1	881.0			881.0	Capital Budget Project No: 13-002 Engineering Project No: E12091 Finance Project No: E12091 A/E Consultant: HDR, Eng. Contractor: TBD Award Design: January 2013 Award Construction: September '15 Anticipated Completion: February 2017 Total Project Value: \$6,786,100
STORM WATER	174.1	1,455.9	-			-	
WASTEWATER	71.4	438.9	519.2			519.2	
WATER	41.5	747.8	65.0			65.0	
GAS	10.3	78.7	5.7			5.7	
TOTAL:	638.8	4,676.4	1,470.9			1,470.9	
Source of Funds							
Bond Issue 2012	341.5	1,955.1	-			-	
Revenue Bond	297.3	2,721.3	589.9			589.9	
Certificates of Obligation	-	-	881.0			881.0	
TOTAL:	638.8	4,676.4	1,470.9			1,470.9	

OPERATIONAL IMPACT:

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

Bond 2012 Proposition One: STREETS

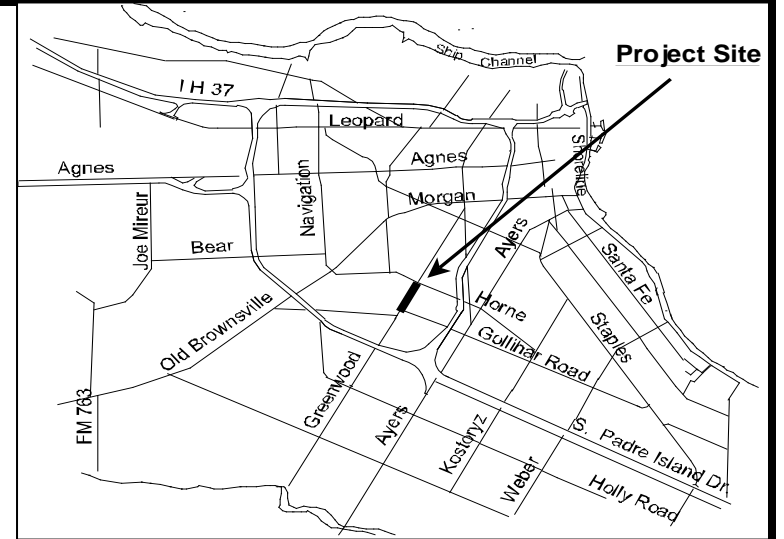
Sequence #30

PROJECT TITLE: Greenwood Drive - Gollihar Road to Horne Road

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

DESCRIPTION:

This project includes full-depth repair of the existing five lane roadway to a road-diet 4-lane road. The existing travel lanes will be reduced and reconstructed to meet the requirements of the C-3 Primary Collector designation. Other street improvements include curb and gutter, sidewalks, ADA curb ramps, lane striping and pavement markings, bus stop rehabilitation and water, wastewater and storm water improvements as necessary.



FUNDING SCHEDULE (Amounts in 000's)

Use of Funds	Project-to-Date Obligations April 2015	Unspent Prior Budget as of May 2015	CIP Budget Year 1 2015 - 2016	Year 2 2016 - 2017	Year 3 2017 - 2018	Three Year Total	PROJECT NOTES:
STREETS	234.4	1,862.2	259.0			259.0	Capital Budget Project No: 13-003 Engineering Project No: E12092 Finance Project No: E12092 A/E Consultant: Govind, Dev. Contractor: TBD Award Design: January 2013 Award Construction: November '15 Anticipated Completion: December '16 Total Project Value: \$5,103,900
STORM WATER	114.7	907.3	937.4			937.4	
WASTEWATER	54.8	249.8	-			-	
WATER	47.1	336.2	24.0			24.0	
GAS	0.3	76.7	-			-	
TOTAL:	451.3	3,432.2	1,220.4			1,220.4	
Source of Funds							
Bond Issue 2012	234.4	1,862.2	-			-	
Revenue Bond	216.9	1,570.0	961.4			961.4	
Certificates of Obligation	-	-	259.0			259.0	
TOTAL:	451.3	3,432.2	1,220.4			1,220.4	

OPERATIONAL IMPACT:

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

Bond 2012 Proposition One: STREETS

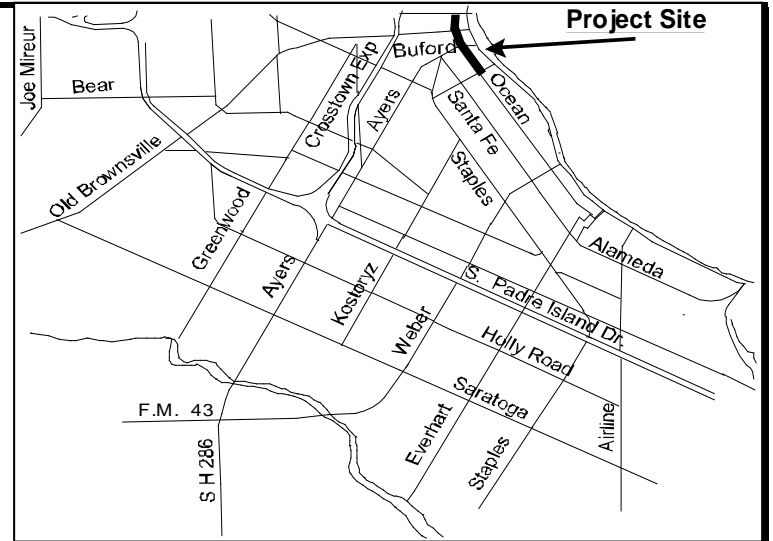
Sequence #31

PROJECT TITLE: Ocean Drive - Buford Street to Louisiana Avenue

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

DESCRIPTION:

This project includes full-depth repair and implements the Road Diet concept by narrowing the existing six lane roadway to a four lane roadway with divided median and bike lanes as prescribed by the Integrated Community Sustainability Plan (ICSP). Other street improvements include traffic signal improvements, curb and gutter, sidewalks, ADA curb ramps, lane striping and pavement markings, as well as side-slope stability repairs to the adjacent roadway shoulder. Utility improvements to water, wastewater and storm water will be upgraded as necessary.



FUNDING SCHEDULE (Amounts in 000's)

Use of Funds	Project-to-Date Obligations April 2015	Unspent Prior Budget as of May 2015	CIP Budget Year 1 2015 - 2016	Year 2 2016 - 2017	Year 3 2017 - 2018	Three Year Total	PROJECT NOTES:
STREETS	735.6	4,761.1	2,131.0	-		2,131.0	Capital Budget Project No: 13-004
STORM WATER	245.0	651.3	403.0	702.7		1,105.7	Engineering Project No: E12093
WASTEWATER	70.8	122.7	16.8	92.9		109.7	Finance Project No: E12093
WATER	65.0	163.6	763.5	618.0		1,381.5	A/E Consultant: Freese Nichols
GAS	5.1	13.8	33.4	22.3		55.7	Contractor: TBD
TOTAL:	1,121.5	5,712.5	3,347.7	1,435.9		4,783.6	Award Design: January 2013
Source of Funds							Award Construction: September '15
Bond Issue 2012	735.6	4,761.1	-	-		-	Anticipated Completion: June 2017
Revenue Bond	385.9	951.4	1,216.7	1,435.9		2,652.6	Total Project Value: \$11,617,600
Certificates of Obligation	-	-	2,131.0	-		2,131.0	
TOTAL:	1,121.5	5,712.5	3,347.7	1,435.9		4,783.6	

OPERATIONAL IMPACT:

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

Bond 2012 Proposition One: STREETS

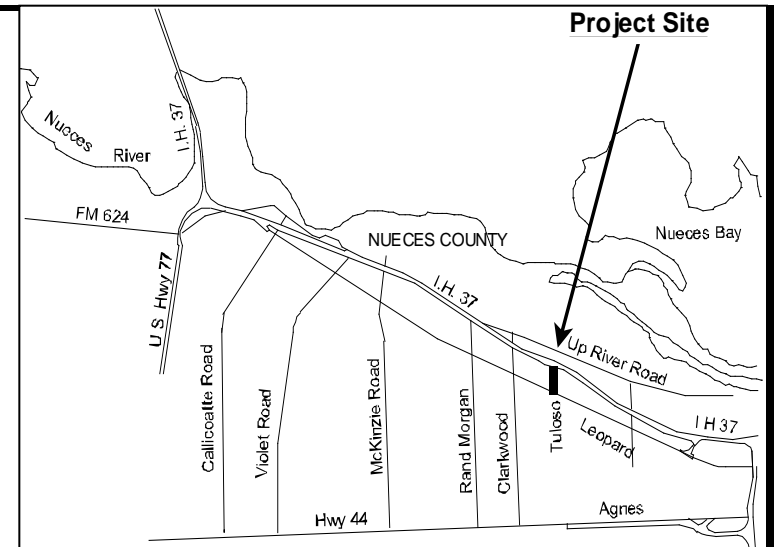
Sequence #32

PROJECT TITLE: Tuloso Road - Interstate Highway 37 to Leopard Street

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

DESCRIPTION:

This project includes full-depth repair and widening the existing two lane rural roadway to three lane concrete roadway with two travel lanes and a continuous left turn lane. The proposed cross section meets the requirements of a C-2 Collector, and is proposed in lieu of the A-2 Arterial designated in the current UTMP. Other improvements include curb and gutter, sidewalks, ADA curb ramps, and pavement markings. In addition, new storm water, water and wastewater and gas improvements are to be installed as necessary.



FUNDING SCHEDULE (Amounts in 000's)

Use of Funds	Project-to-Date Obligations April 2015	Unspent Prior Budget as of May 2015	CIP Budget Year 1 2015 - 2016	Year 2 2016 - 2017	Year 3 2017 - 2018	Three Year Total	PROJECT NOTES:
STREETS	383.7	1,412.9	379.0			379.0	Capital Budget Project No: 13-005
STORM WATER	59.1	859.4	538.4			538.4	Engineering Project No: E12094
WASTEWATER	27.6	426.9	351.0			351.0	Finance Project No: E12094
WATER	27.9	206.7	839.4			839.4	A/E Consultant: MEI Maverick
GAS	4.5	301.8	5.6			5.6	Contractor: TBD
TOTAL:	502.8	3,207.7	2,113.4			2,113.4	Award Design: January 2013
Source of Funds							Award Construction: September '15
Bond Issue 2012	383.7	1,412.9	-			-	Anticipated Completion: July 2016
Revenue Bond	119.1	1,794.8	1,734.4			1,734.4	
Certificates of Obligation	-	-	379.0			379.0	
TOTAL:	502.8	3,207.7	2,113.4			2,113.4	Total Project Value: \$5,823,900

OPERATIONAL IMPACT:

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

Bond 2012 Proposition One: STREETS

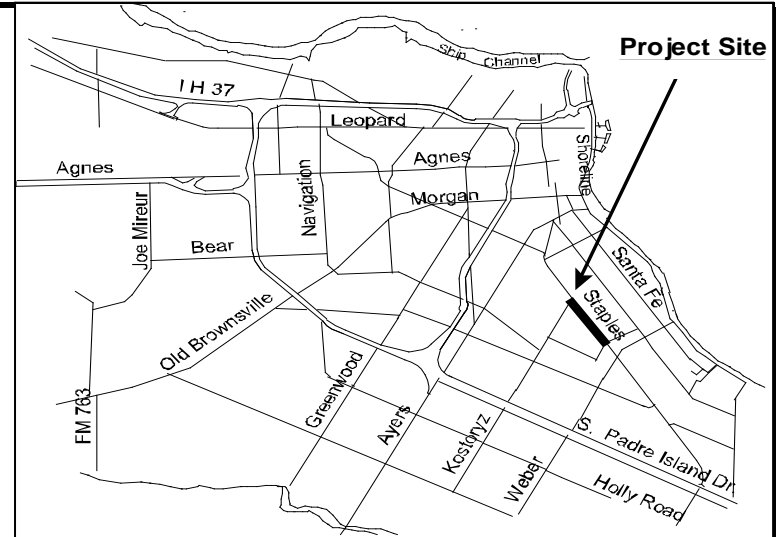
Sequence #33

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 includes full-depth repair of the existing five lane roadway with four travel lanes, continuous center left turn lane and bike lanes which is consistent with the A-1 Arterial designation in the UTMP. Other improvements include curb and gutter, wide sidewalks, ADA curb ramps, pavement markings, bus stop rehabilitation and water, wastewater and storm water upgrades as necessary.



FUNDING SCHEDULE (Amounts in 000's)

Use of Funds	Project-to-Date Obligations April 2015	Unspent Prior Budget as of May 2015	CIP Budget Year 1 2015 - 2016	Year 2 2016 - 2017	Year 3 2017 - 2018	Three Year Total	PROJECT NOTES:
STREETS	519.7	2,876.9	4,804.0	-	-	4,804.0	Capital Budget Project No: 13-006
STORM WATER	259.0	2,309.0	-	2,473.5	1,236.7	3,710.2	Engineering Project No: E12095
WASTEWATER	46.5	840.6	-	621.9	310.9	932.8	Finance Project No: E12095
WATER	54.8	166.1	-	552.4	276.2	828.6	
GAS	4.3	33.7	-	-	-	-	A/E Consultant: Freese Nichols
TOTAL:	884.3	6,226.3	4,804.0	3,647.8	1,823.8	10,275.6	Contractor: TBD
Source of Funds							Award Design: January 2013
Bond Issue 2012	519.7	2,876.9	-	-	-	-	Award Construction: December '16
Revenue Bond	364.6	3,349.4	-	3,647.8	1,823.8	5,471.6	Anticipated Completion: February 2018
Certificates of Obligation	-	-	4,804.0	-	-	4,804.0	
TOTAL:	884.3	6,226.3	4,804.0	3,647.8	1,823.8	10,275.6	Total Project Value: \$17,386,200

OPERATIONAL IMPACT:

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

Bond 2012 Proposition One: STREETS

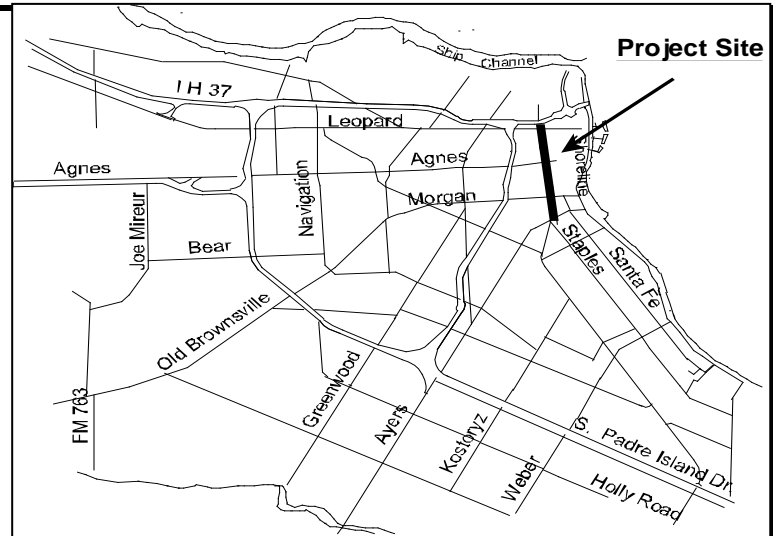
Sequence #34

PROJECT TITLE: South Staples Street - Morgan Avenue to Interstate Highway 37

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

DESCRIPTION:

This project consists of reconstruction of the roadway curb to curb lip, replacement of water and wastewater lines, storm water trunk line, ADA compliant routes, sidewalk and curb & gutter improvements. Bus pads will be improved along Staples and RTA is funding reconstruction near new station to include new concrete roadways on Artesian and Mestina streets. A concrete pavement surface is to be installed from IH37 to Comanche Road.



FUNDING SCHEDULE (Amounts in 000's)

Use of Funds	Project-to-Date Obligations April 2015	Unspent Prior Budget as of May 2015	CIP Budget Year 1 2015 - 2016	Year 2 2016 - 2017	Year 3 2017 - 2018	Three Year Total	PROJECT NOTES:
STREETS	440.5	7,230.9				-	Capital Budget Project No: 13-007
STORM WATER	136.5	3,869.3				-	Engineering Project No: E12096
WASTEWATER	192.6	1,560.2				-	Finance Project No: E12096
WATER	139.9	2,026.1				-	
GAS	32.3	57.7				-	A/E Consultant: Naismith Eng.
TOTAL:	941.8	14,744.2				-	Contractor: Bay, Ltd.
Source of Funds							Award Design: January 2013
Bond Issue 2012	440.5	6,459.9				-	Award Construction: July 2015
Revenue Bond	501.3	7,513.3				-	Anticipated Completion: July 2017
Certificates of Obligation	-	-				-	
RTA Contribution		771.0				-	
TOTAL:	941.8	14,744.2				-	Total Project Value: \$15,686,000

OPERATIONAL IMPACT:

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

Bond 2012 Proposition One: STREETS

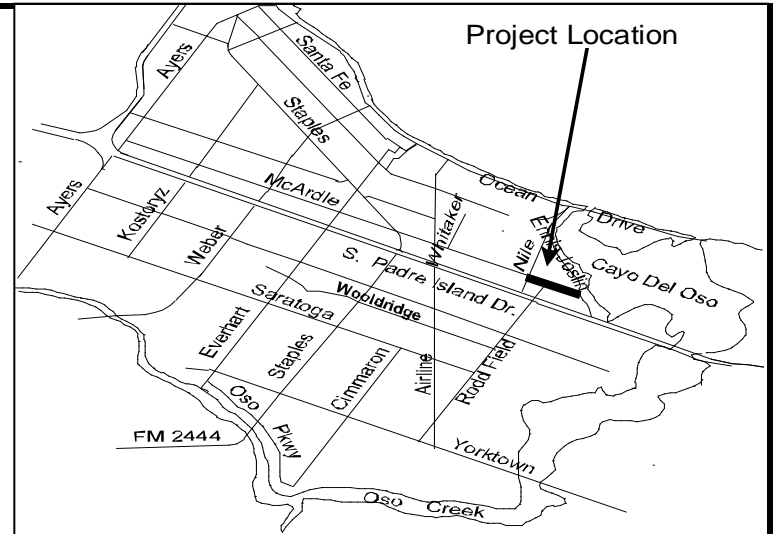
Sequence #35

PROJECT TITLE: McArdle Road - Nile Drive to Ennis Joslin

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

DESCRIPTION:

This project includes the reconstruction and widening of the existing unimproved two lane roadway to three lane roadway with two travel lanes and a continuous left turn lane and bike lanes as prescribed by the Integrated Community Sustainability Plan. Public safety improvements include sidewalk, curb and gutter, ADA curb ramps, lane striping and pavement markings, and ten (10) bus stops. Additional work will include new storm water, water and wastewater lines where required. This project is being constructed with McArdle Road from Nile to Whitaker to economize on cost and expedite construction.



FUNDING SCHEDULE (Amounts in 000's)

Use of Funds	Project-to-Date Obligations April 2015	Unspent Prior Budget as of May 2015	CIP Budget Year 1 2015 - 2016	Year 2 2016 - 2017	Year 3 2017 - 2018	Three Year Total	PROJECT NOTES:
STREETS	3,501.6	246.7	750.0			750.0	Capital Budget Project No: 13-008
STORM WATER	1,781.0	132.9	594.1			594.1	Engineering Project No: E12097
WASTEWATER	1,960.8	380.2	1,107.0			1,107.0	Finance Project No: E12097
WATER	1,243.7	23.3	599.4			599.4	
GAS	44.4	9.6	17.8			17.8	A/E Consultant: RVE, Inc.
TOTAL:	8,531.5	792.7	3,068.3			3,068.3	Contractor: Reytec
Source of Funds							Award Design: January 2013
Bond Issue 2012	3,501.6	246.7	-			-	Award Construction: March 2014
Revenue Bond	5,029.9	546.0	2,318.3			2,318.3	Anticipated Completion: December '16
Certificates of Obligation	-	-	750.0			750.0	
TOTAL:	8,531.5	792.7	3,068.3			3,068.3	Total Project Value: \$12,392,500

OPERATIONAL IMPACT:

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

Bond 2012 Proposition One: STREETS

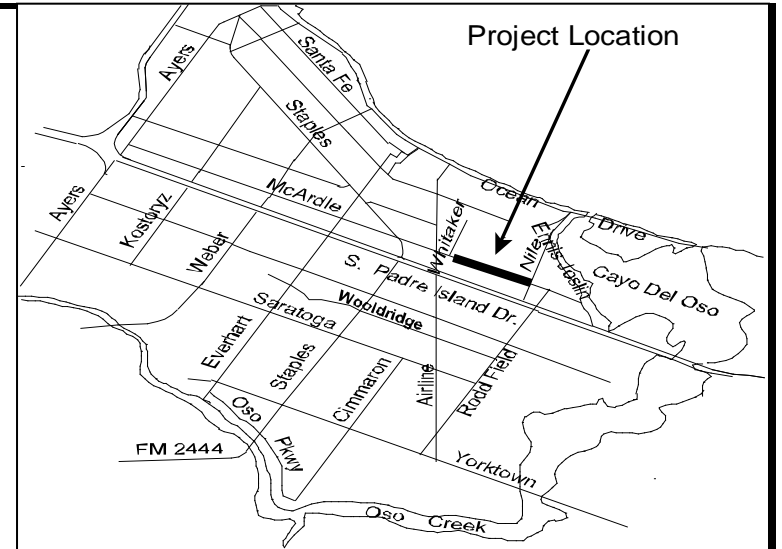
Sequence #36

PROJECT TITLE: McArdle Road - Whitaker Drive to Nile Drive

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

DESCRIPTION:

This project includes a combination of full-depth repair and resurfacing of the existing four lane roadway (C-3 collector) to be restriped as a C-1 Minor Collector designation on the current UTMP. The roadway will have three lanes with two travel lanes and a continuous center turn lane. Public safety improvements include sidewalk, curb and gutter, ADA curb ramps, lane striping and pavement markings, and bus stop rehabilitation. Additional work includes new storm water, water and wastewater lines where required. This project is being constructed with McArdle Road Phase 1 from Ennis Joslin to Nile to economize on cost and expedite construction.



FUNDING SCHEDULE (Amounts in 000's)

Use of Funds	Project-to-Date Obligations April 2015	Unspent Prior Budget as of May 2015	CIP Budget Year 1 2015 - 2016	Year 2 2016 - 2017	Year 3 2017 - 2018	Three Year Total	PROJECT NOTES:
STREETS	2,229.6	30.4				-	Capital Budget Project No: 13-009
STORM WATER	799.9	311.5				-	Engineering Project No: E12098
WASTEWATER	500.4	76.5				-	Finance Project No: E12098
WATER	177.1	105.9				-	
GAS	26.8	19.1				-	A/E Consultant: RVE, Inc.
TOTAL:	3,733.8	543.4				-	Contractor: Reytec
Source of Funds							Award Design: January 2013
Bond Issue 2012	2,229.6	30.4				-	Award Construction: March 2014
Revenue Bond	1,504.2	513.0				-	Anticipated Completion: December 16
TOTAL:	3,733.8	543.4				-	Total Project Value: \$4,277,200

OPERATIONAL IMPACT:

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

Bond 2012 Proposition One: STREETS

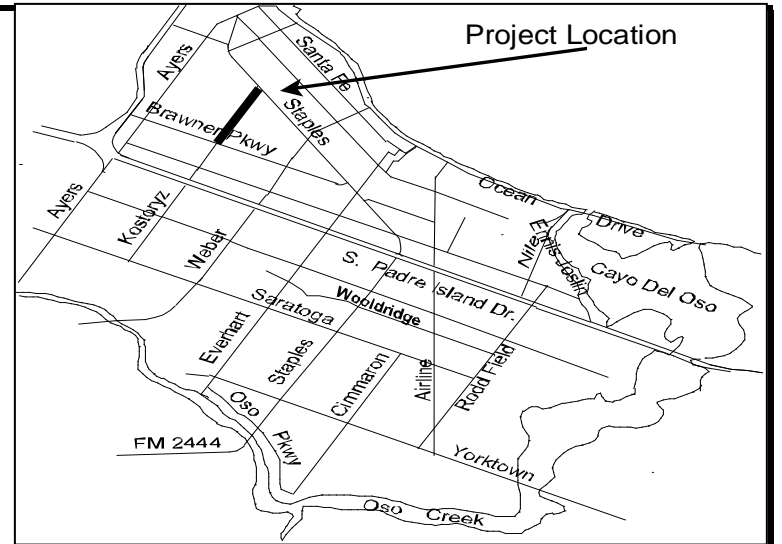
Sequence #37

PROJECT TITLE: Kostoryz Road - Brawner Parkway to Staples Street

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

DESCRIPTION:

This project includes full-depth repair and capacity expansion of the existing four lane roadway to a five lane roadway (four travel lanes and continuous left turn lane) as a A-1 (modified section). The UTMP designates this street as an A-1 Arterial. However, staff recommends that the UTMP be amended to designate this street as an A-1 (mod). Improvements will include curb and gutter, sidewalks, ADA curb ramps, signalization and pavement markings. Other improvements will include new water, wastewater, and storm water lines where required.



FUNDING SCHEDULE (Amounts in 000's)

Use of Funds	Project-to-Date Obligations April 2015	Unspent Prior Budget as of May 2015	CIP Budget Year 1 2015 - 2016	Year 2 2016 - 2017	Year 3 2017 - 2018	Three Year Total	PROJECT NOTES:
STREETS	414.5	2,882.2	1,328.0	-		1,328.0	Capital Budget Project No: 13-010
STORM WATER	209.5	1,402.5	888.4	1,184.6	296.1	2,369.1	Engineering Project No: E12099
WASTEWATER	34.3	235.7	55.8	74.5	18.6	148.9	Finance Project No: E12099
WATER	40.0	402.4	108.9	145.3	36.3	290.5	A/E Consultant: Urban, Eng.
GAS	3.0	29.0	-			-	Contractor: TBD
TOTAL:	701.3	4,951.8	2,381.1	1,404.4	351.0	4,136.5	Award Design: January 2013
Source of Funds							Award Construction: December '15
Bond Issue 2012	414.5	2,882.2	-	-		-	Anticipated Completion: December '17
Revenue Bond	286.8	2,069.6	1,053.1	1,404.4	351.0	2,808.5	
Certificates of Obligation	-	-	1,328.0	-		1,328.0	
TOTAL:	701.3	4,951.8	2,381.1	1,404.4	351.0	4,136.5	Total Project Value: \$9,789,600

OPERATIONAL IMPACT:

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

Bond 2012 Proposition One: STREETS

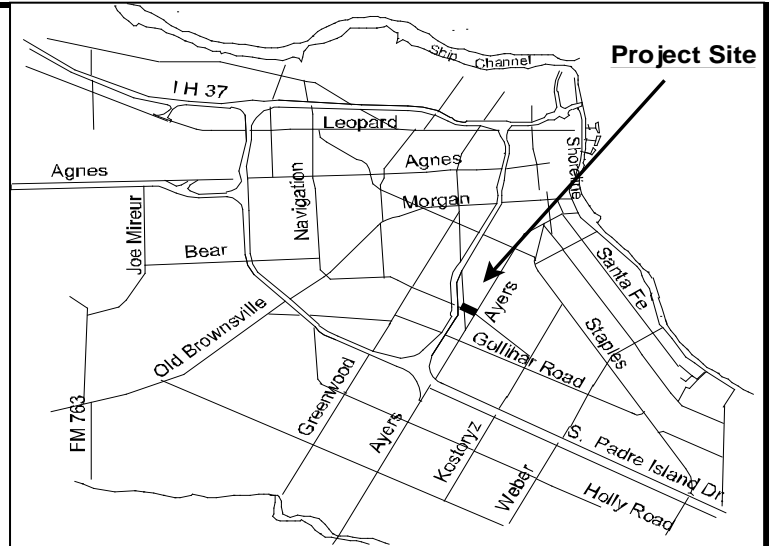
Sequence #38

PROJECT TITLE: Horne Road - Ayers Street to Port Avenue

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

DESCRIPTION:

The period of performance for the contractor is well beyond the original contract schedule. The progress delays and lack of adequate site supervision continue to negatively impact the adjacent businesses and citizens traveling in the vicinity of the project and as such, the original contractor was terminated. This project will be re-bid and a new contractor will be completing the remaining work. This project includes reconstruction and widening of the existing roadway to include a five lane roadway with two lanes of travel in each direction and continuous center left turn lane with bike lanes. Improvements will also include curb and gutter, sidewalks, ADA curb ramps, pavement markings, bus pads and new storm water water, wastewater, water and gas lines where required.



FUNDING SCHEDULE (Amounts in 000's)

Use of Funds	Project-to-Date Obligations April 2015	Unspent Prior Budget as of May 2015	CIP Budget Year 1 2015 - 2016	Year 2 2016 - 2017	Year 3 2017 - 2018	Three Year Total	PROJECT NOTES:
STREETS	1,485.0	711.6				-	Capital Budget Project No: 13-011
STORM WATER	285.8	173.0				-	Engineering Project No: E12100
WASTEWATER	418.9	323.9				-	Finance Project No: E12100
WATER	148.5	19.6				-	
GAS	40.4	0.1				-	A/E Consultant: Nasmith, Eng.
TOTAL:	2,378.6	1,228.2				-	Contractor: Re-Bid
Source of Funds							Award Design: January 2013
Bond Issue 2012	1,485.0	711.6				-	Award Construction: Re-Bid
Revenue Bond	893.6	516.6				-	Anticipated Completion: TBD
TOTAL:	2,378.6	1,228.2				-	Total Project Value: \$3,606,800

OPERATIONAL IMPACT:

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

Bond 2012 Proposition One: STREETS

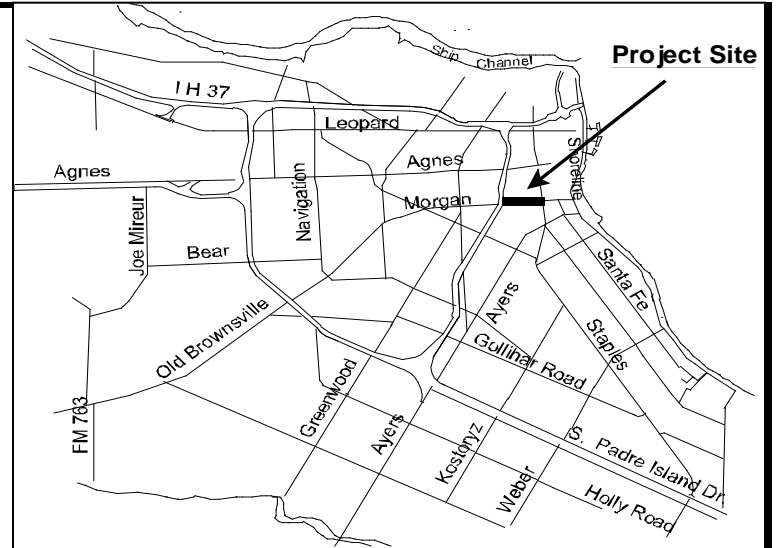
Sequence #39

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

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

DESCRIPTION:

This project includes reconstruction of the existing four lane (C-3 Collector) roadway. The existing right of way does not comply with the right of way as indicated on the UTMP for this roadway section, but right of way expansion is not recommended at this time. Improvements will include a new roadway consisting of four lanes have two lanes in each direction for a modified C-3 collector. Additional improvements will include: curb and gutter, sidewalks, ADA curb ramps, pavement markings, bus stop rehabilitation, and new water, wastewater and storm water lines where necessary.



FUNDING SCHEDULE (Amounts in 000's)

Use of Funds	Project-to-Date Obligations April 2015	Unspent Prior Budget as of May 2015	CIP Budget Year 1 2015 - 2016	Year 2 2016 - 2017	Year 3 2017 - 2018	Three Year Total	PROJECT NOTES:
STREETS	158.7	2,137.9	377.0	-	-	377.0	Capital Budget Project No: 13-012 Engineering Project No: E12101 Finance Project No: E12101 A/E Consultant: Coym, Rehmet, Gutierrez Contractor: TBD Award Design: January 2013 Award Construction: April 2017 Anticipated Completion: January 2018 Total Project Value: \$9,018,000
STORM WATER	232.4	2,247.6	-	1,300.1	780.5	2,080.6	
WASTEWATER	50.1	235.8	-	202.2	121.3	323.5	
WATER	59.2	513.8	-	358.4	215.0	573.4	
GAS	0.1	27.9	-	-	-	-	
TOTAL:	500.5	5,163.0	377.0	1,860.7	1,116.8	3,354.5	
Source of Funds							
Bond Issue 2012	158.7	2,137.9	-	-	-	-	
Revenue Bond	341.8	3,025.1	-	1,860.7	1,116.8	2,977.5	
Certificates of Obligation	-	-	377.0	-	-	377.0	
TOTAL:	500.5	5,163.0	377.0	1,860.7	1,116.8	3,354.5	

OPERATIONAL IMPACT:

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

Bond 2012 Proposition One: STREETS

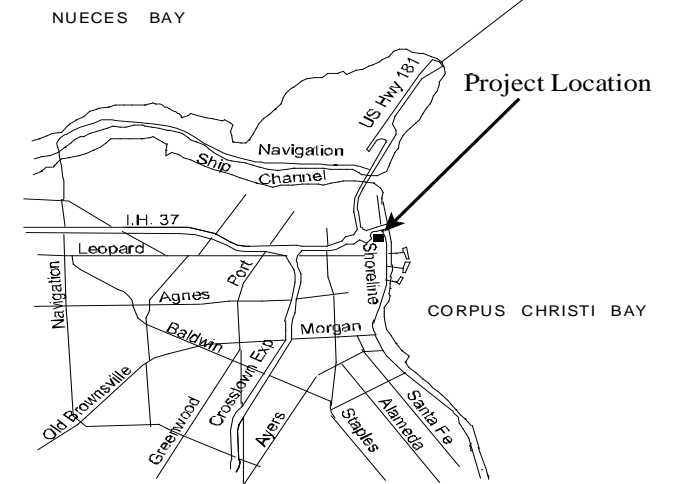
Sequence #40

PROJECT TITLE: Twigg Street - Shoreline Boulevard to Lower Broadway

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

DESCRIPTION:

This project includes full-depth reconstruction of the existing two lane one way collector street. The UTMP designates this roadway as an A-2 Arterial, but is constructed as one half of a C-3 Collector. However, staff recommends that the UTMP be amended to designate this street as a C-3 Collector with two travel lanes in a one way direction to the east. Other improvements include sidewalks, curb and gutter, pavement markings, landscaping, area beautification and new water, storm water and wastewater lines where required. Future bikeway requirements will require evaluation at the time of roadway design and shall conform to the adopted Bikeway Plan of the UTMP/ICSP. *Note: Street funds for this project were used for the Bond 2012 Navigation Boulevard construction contract and will need to be replaced at a future date to complete this project.



FUNDING SCHEDULE (Amounts in 000's)

Use of Funds	Project-to-Date Obligations April 2015	Unspent Prior Budget as of May 2015	CIP Budget Year 1 2015 - 2016	Year 2 2016 - 2017	Year 3 2017 - 2018	Three Year Total	PROJECT NOTES:
STREETS	253.3	-	-	1,029.6		1,029.6	Capital Budget Project No: 13-013 Engineering Project No: E12102 Finance Project No: E12102 A/E Consultant: HDR, Inc. Contractor: TBD Award Design: January 2013 Award Construction: TBD Anticipated Completion: TBD Total Project Value: \$3,966,500
STORM WATER	102.9	1,650.0	-	-		-	
WASTEWATER	36.5	538.3	-	-		-	
WATER	25.5	294.5	-	-		-	
GAS	5.0	30.9	-	-		-	
TOTAL:	423.2	2,513.7	-	1,029.6		1,029.6	
Source of Funds							
Bond Issue 2012	253.3	-	-	-		-	
Revenue Bond	169.9	2,513.7	-	-		-	
Future Program Funding	-	-	-	1,029.6		1,029.6	
TOTAL:	423.2	2,513.7	-	1,029.6		1,029.6	

OPERATIONAL IMPACT:

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

Bond 2012 Proposition One: STREETS

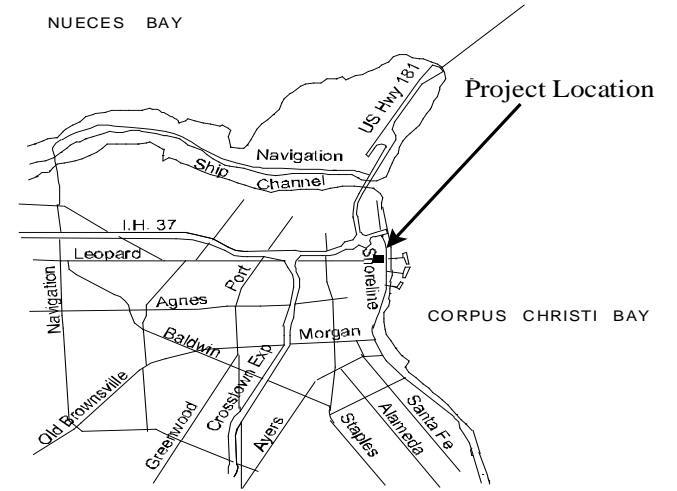
Sequence #41

PROJECT TITLE: Leopard Street - Crosstown Freeway to Palm Drive

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

DESCRIPTION:

This project includes full-depth reconstruction of the existing four lane roadway with partial center left turn lane. The existing right of way does not comply with the A-1 Arterial designation as indicated on the UTMP for this roadway section, but right of way expansion is not recommended at this time. Improvements will include curb and gutter, wide sidewalks, ADA curb ramps, signage, pavement markings, and bus stop rehabilitation. New wastewater, water and storm water lines will be included where required. Future bikeway requirements will require evaluation at the time of roadway design and shall conform to the adopted Bikeway Plan of the UTMP/ICSP. *Note: This project has been deferred at this time.



FUNDING SCHEDULE (Amounts in 000's)

Use of Funds	Project-to-Date Obligations April 2015	Unspent Prior Budget as of May 2015	CIP Budget Year 1 2015 - 2016	Year 2 2016 - 2017	Year 3 2017 - 2018	Three Year Total	PROJECT NOTES:
STREETS	378.3	-	-	3,306.1		3,306.1	Capital Budget Project No: 13-014 Engineering Project No: E12103 Finance Project No: E12103 A/E Consultant: HDR, Inc. Contractor: TBD Award Design: January 2013 Award Construction: TBD Anticipated Completion: TBD Total Project Value: \$5,907,700
STORM WATER	178.2	816.1	-	-		-	
WASTEWATER	44.1	336.1	-	-		-	
WATER	44.2	660.7	-	-		-	
GAS	4.1	139.8	-	-		-	
TOTAL:	648.9	1,952.7	-	3,306.1		3,306.1	
Source of Funds							
Bond Issue 2012	378.3	-	-	-		-	
Revenue Bond	270.6	1,952.7	-	-		-	
Future Program Funding	-	-	-	3,306.1		3,306.1	
TOTAL:	648.9	1,952.7	-	3,306.1		3,306.1	

OPERATIONAL IMPACT:

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

Bond 2012 Proposition One: STREETS

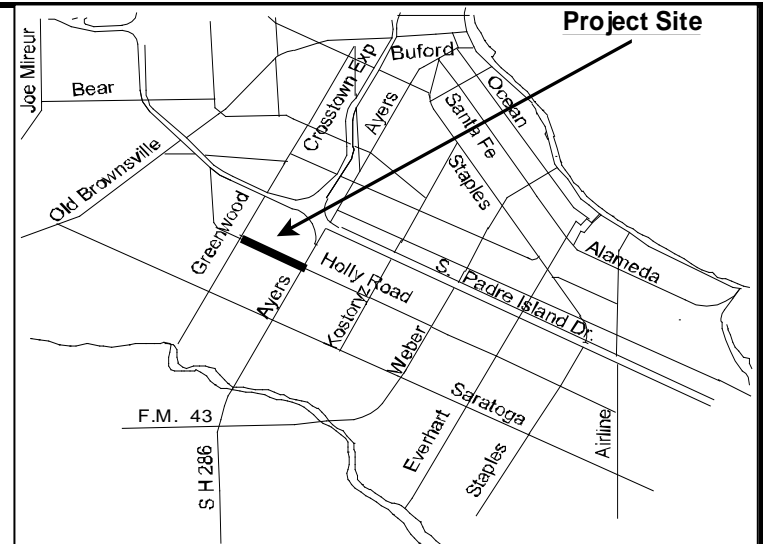
Sequence #42

PROJECT TITLE: Holly Road - Crosstown Freeway to Greenwood Drive

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

DESCRIPTION:

This project is part of the Metropolitan Planning Organization (MPO) and Texas Department of Transportation (TxDOT) Participation Projects in the Bond Issue 2008 Package with construction being completed through the 2012 Bond Street program. There is an 80/20 match with TxDOT participating in design and construction of streets, street lighting, storm water and landscaping. The City is 100% responsible for wastewater, water and gas. The scope of the work includes construction of a four (4) lane roadway and protected left turn lane with new curb and gutter and sidewalks; ADA curb ramps; pavement markings; underground storm water system improvements; water and wastewater improvements; removal of abandoned/unused driveways; and new street lighting.



FUNDING SCHEDULE (Amounts in 000's)

Use of Funds	Project-to-Date Obligations April 2015	Unspent Prior Budget as of May 2015	CIP Budget Year 1 2015 - 2016	Year 2 2016 - 2017	Year 3 2017 - 2018	Three Year Total	PROJECT NOTES:
STREETS	1,636.0	2,219.3	5,427.2	-		5,427.2	Capital Budget Project No: 13-015
STORM WATER	-	128.0	1,274.7	1,699.6		2,974.3	Engineering Project No: 6470
WASTEWATER	3.5	400.1	828.2	1,104.3		1,932.5	Finance Project No: 170371
WATER	-	600.4	970.5	1,294.0		2,264.5	A/E Consultant: LNV, Inc.
GAS	-	3.0	32.5	43.3		75.8	Contractor: TBD
TOTAL:	1,639.5	3,350.8	8,533.1	4,141.2		12,674.3	Award Design: August 2011
Source of Funds							Award Construction: February '16
Bond Issue 2008	950.3	355.8	-	-		-	Anticipated Completion: August 2017
Bond Issue 2012	138.9	1,863.5	-	-		-	Total Project Value: \$17,664,600
Revenue Bond	3.5	1,131.5	3,105.9	4,141.2		7,247.1	
Tx Department Of Transportation	546.8	-	5,427.2	-		5,427.2	
TOTAL:	1,639.5	3,350.8	8,533.1	4,141.2		12,674.3	

OPERATIONAL IMPACT:

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

Bond 2012 Proposition One: STREETS

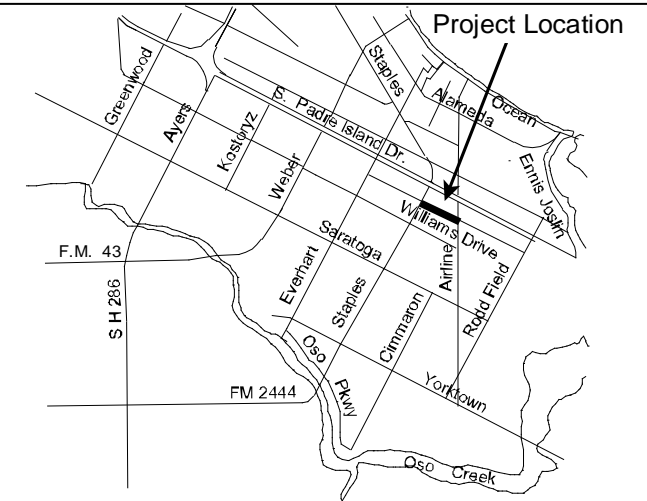
Sequence #43

PROJECT TITLE: Williams Drive Phase 3 - South Staples Street to Airline Road

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

DESCRIPTION:

This project is part of the Metropolitan Planning Organization (MPO) and Texas Department of Transportation (TxDOT) Participation Projects in the Bond Issue 2004 Package with construction being completed through the 2012 Bond Street program. The scope of the work includes construction of a four (4) lane roadway and protected left turn lane with new curb and gutter and sidewalks; ADA curb ramps; lane striping and pavement markings; underground storm water system improvements; water and wastewater improvements; removal of abandoned/unused driveways; and new street lighting.



FUNDING SCHEDULE (Amounts in 000's)

Use of Funds	Project-to-Date Obligations April 2015	Unspent Prior Budget as of May 2015	CIP Budget Year 1 2015 - 2016	Year 2 2016 - 2017	Year 3 2017 - 2018	Three Year Total	PROJECT NOTES:
STREETS	1,150.4	1,687.6	3,760.0	-		3,760.0	Capital Budget Project No: 13-016
STORM WATER	-	1,599.8	2,471.9	579.6		3,051.5	Engineering Project No: E11116
WASTEWATER	4.7	395.3	340.1	56.8		396.9	Finance Project No: E11116
WATER	-	177.5	336.5	56.1		392.6	
GAS	-	-	18.8	3.1		21.9	A/E Consultant: RVE, Inc.
TOTAL:	1,155.1	3,860.2	6,927.3	695.6		7,622.9	Contractor: TBD
Source of Funds							Award Design: January 2012
Bond Issue 2004	1,059.8	-	-	-		-	Award Construction: August 2015
Bond Issue 2008	80.2	1.3	-	-		-	Anticipated Completion: December '16
Bond Issue 2012	10.4	1,686.3	-	-		-	
Revenue Bond	4.7	2,172.6	3,167.3	695.6		3,862.9	
Tx Department Of Transportation	-	-	3,760.0	-		3,760.0	
TOTAL:	1,155.1	3,860.2	6,927.3	695.6		7,622.9	Total Project Value: \$12,638,200

OPERATIONAL IMPACT:

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

Bond 2012 Proposition One: STREETS

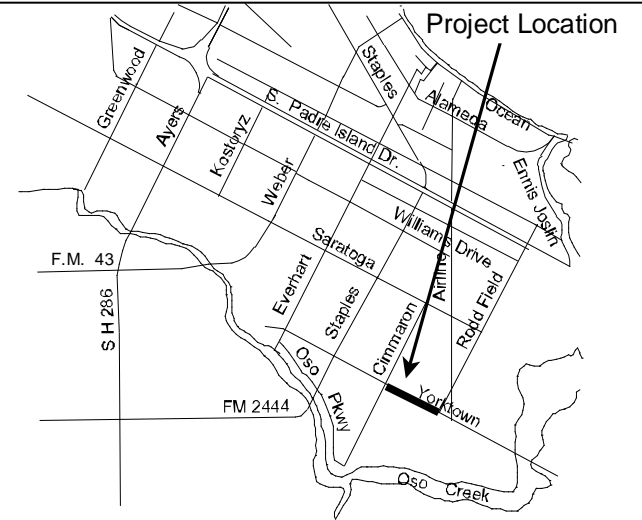
Sequence #44

PROJECT TITLE: Yorktown Boulevard - Rodd Field Road to Cimarron Boulevard

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

DESCRIPTION:

This project picks up where the Bond 2008 Yorktown Road project ended and Phase 2 work for street and utilities is complete. Additional planned construction work will be developed and bid with remaining funds. The proposed work will include revised landscaping, planting and irrigation along the median from Cimarron Boulevard to Rodd Field Road. Del Mar College has agreed to participate in the construction costs due to the development of a new southside campus located on 95 acres along Yorktown Boulevard.



FUNDING SCHEDULE (Amounts in 000's)

Use of Funds	Project-to-Date Obligations April 2015	Unspent Prior Budget as of May 2015	CIP Budget Year 1 2015 - 2016	Year 2 2016 - 2017	Year 3 2017 - 2018	Three Year Total	PROJECT NOTES:
STREETS	4,221.2	642.6				-	Capital Budget Project No: 13-017 Engineering Project No: E10100 Finance Project No: E10100 A/E Consultant: Freese Nichols ADDITIONAL PLANNED WORK: Contractor: TBD Award Design: August 2010 Award Construction: December '15 Anticipated Completion: June 2016 Total Project Value: \$9,194,300
STORM WATER	2,040.2	1,169.2				-	
WASTEWATER	-	432.0				-	
WATER	364.4	323.5				-	
GAS	-	-				-	
MIS	-	1.2				-	
TOTAL:	6,625.8	2,568.5				-	
Source of Funds							
Bond Issue 2004 Reserves	81.0	636.0					
Bond Issue 2008 Reserves	356.6	1.4				-	
Bond Issue 2012	3,783.6	5.2				-	
Revenue Bond	2,404.6	1,924.7					
MIS	-	1.2					
TOTAL:	6,625.8	2,568.5				-	

OPERATIONAL IMPACT:

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

Bond 2012 Proposition One: STREETS

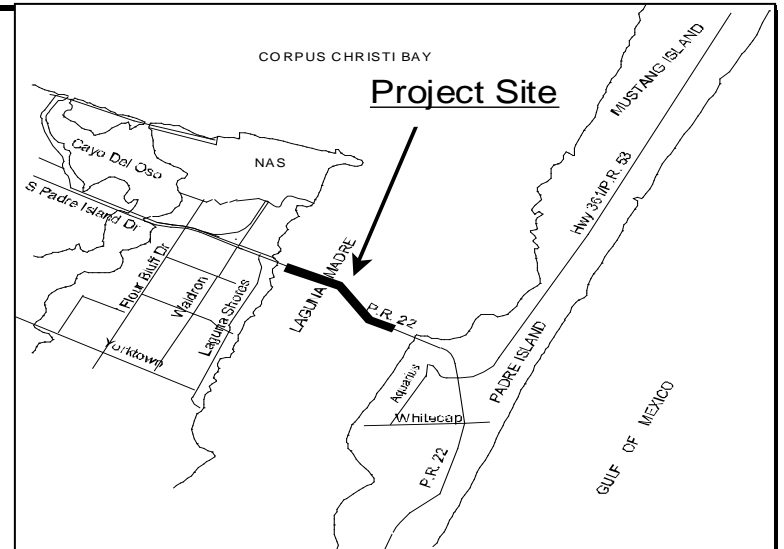
Sequence #45

PROJECT TITLE: JFK Causeway Area Improvements

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

DESCRIPTION:

This project includes access road improvements on the south side of the JFK Memorial Causeway in accordance with the proposed plan for Infrastructure Improvements to the Village. Coordination with the Texas General Land Office and TxDOT will be required. Project design has been completed and the required United States Army Corps of Engineers permit has been obtained. Construction improvements include new concrete access roadway, wastewater lines and pump station, waterline improvements, hydrants, and new gas lines.



FUNDING SCHEDULE (Amounts in 000's)

Use of Funds	Project-to-Date Obligations April 2015	Unspent Prior Budget as of May 2015	CIP Budget Year 1 2015 - 2016	Year 2 2016 - 2017	Year 3 2017 - 2018	Three Year Total	PROJECT NOTES:
STREETS	98.4	551.1				-	Capital Budget Project No: 13-018 Engineering Project No: E12107 Finance Project No: E12107 A/E Consultant: Urban, Eng. Contractor: TBD Award Design: January 2013 Award Construction: July 2015 Anticipated Completion: February 2016 Total Project Value: \$1,798,900
STORM WATER	-	-				-	
WASTEWATER	28.8	494.3				-	
WATER	81.8	478.8				-	
GAS	-	-				-	
TOTAL:	209.0	1,524.2				-	
Source of Funds							
Bond Issue 2012	98.4	551.1				-	
Revenue Bond	110.6	973.1				-	
TOTAL:	209.0	1,524.2				-	

OPERATIONAL IMPACT:

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

Bond 2012 Proposition One: STREETS

Sequence #46

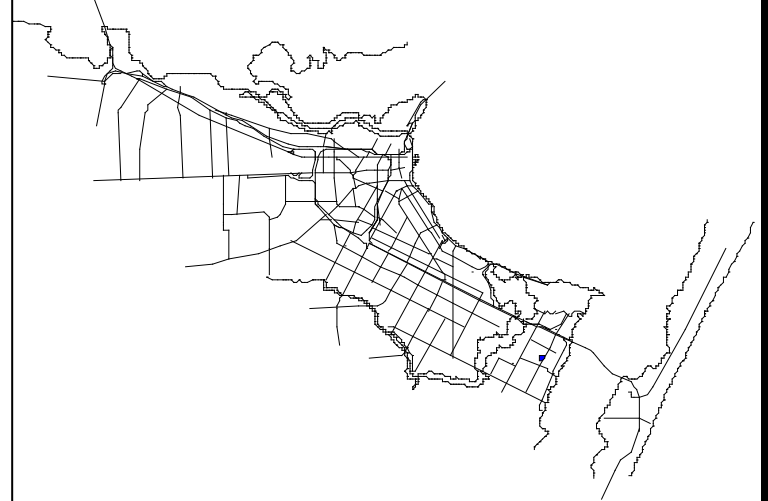
CITY WIDE

PROJECT TITLE: Signal Improvement and Street Lighting

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

DESCRIPTION:

Some arterial and collector intersections are currently signalized by a span wire signal head system and cannot accommodate pedestrian traffic light control due to lack of push button signal operation. These intersections need to be ADA compliant, new LED signal heads mounted on mast arms, underground conduit, video detection (VIVDS) for signal operation and illuminated street signage. Upgrading these signals will enhance traffic safety. This project will install additional street lighting in residential areas and along arterial and collector street city-wide. Improvements will replace existing mercury-vapor street lighting with higher-intensity, more efficient high pressure sodium vapor lighting or LED lighting, adding new street lights on residential streets, adding lights for area beautification, installing new and improved continuous street lighting along selected arterial and collector streets, installing new area lighting.



FUNDING SCHEDULE (Amounts in 000's)

Use of Funds	Project-to-Date Obligations April 2015	Unspent Prior Budget as of May 2015	CIP Budget Year 1 2015 - 2016	Year 2 2016 - 2017	Year 3 2017 - 2018	Three Year Total	PROJECT NOTES:
STREETS STORM WATER WASTEWATER WATER GAS	197.4	1,802.6				-	Capital Budget Project No: 13-020 Engineering Project No: E12105 Finance Project No: E12105 A/E Consultant: HDR, Eng.
TOTAL:	197.4	1,802.6				-	Contractor: TBD
Source of Funds							Award Design: Various
Bond Issue 2012	197.4	1,802.6				-	Award Construction: On-Going Anticipated Completion: On-Going
TOTAL:	197.4	1,802.6				-	Total Project Value: \$2,000,000

OPERATIONAL IMPACT:

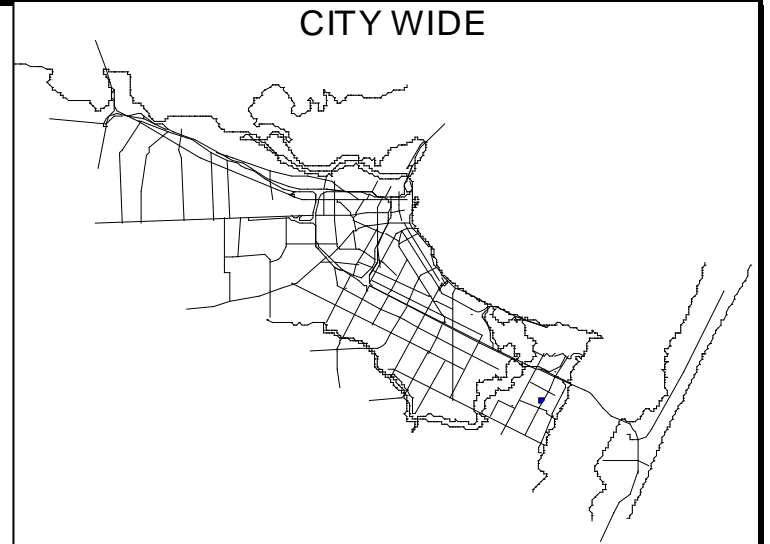
At this time it is not possible to determine the operational impact due to this project, but outdated, expensive lighting will be replaced with more efficient systems which are cost effective and better for the environment.

**PROJECT TITLE: Texas Department of Transportation Participation
(RAMP REVERSAL PROJECT)**

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

DESCRIPTION:

This project will provide funds for the City's portion of Texas Department of Transportation/Metropolitan Planning Organization projects that arise during the year. The expenditures to date are for the South Padre Island Ramp Reversal Project, State Highway 358 Landscape Agreement and required utility relocations on FM 43 and FM 2444. **The additional utility money is for the ramp reversal project.**



FUNDING SCHEDULE (Amounts in 000's)

Use of Funds	Project-to-Date Obligations April 2015	Unspent Prior Budget as of May 2015	CIP Budget Year 1 2015 - 2016	Year 2 2016 - 2017	Year 3 2017 - 2018	Three Year Total	PROJECT NOTES:
STREETS	1,042.3	107.7					Capital Budget Project No: 13-021
STORM WATER	-	250.0					Engineering Project No: E12228
WASTEWATER	-	1,005.0				-	Finance Project No: E12228
WATER	-	1,046.3				-	A/E Consultant: TBD
GAS	-	369.3				-	Contractor: TBD
TOTAL:	1,042.3	2,778.3				-	Award Design: TBD
Source of Funds							Award Construction: TBD
Bond Issue 2012	1,042.3	107.7					Anticipated Completion: TBD
Revenue Bond	-	2,670.6				-	Total Project Value: \$3,820,600
TOTAL:	1,042.3	2,778.3				-	

OPERATIONAL IMPACT:

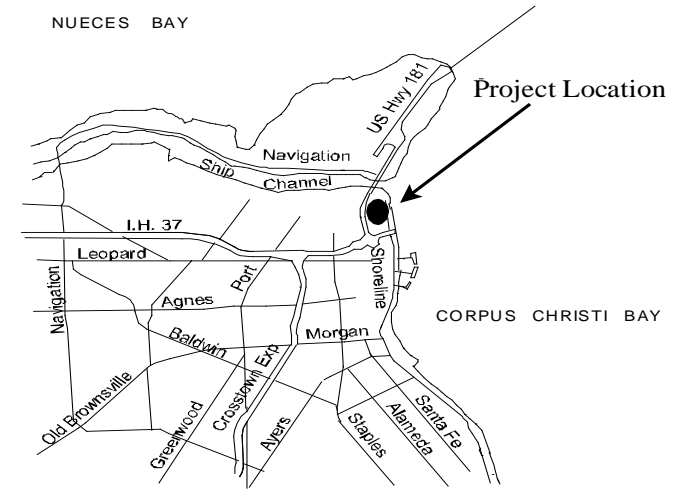
At this time it is not possible to determine the operational impact due to this project, but no direct operational budget impact is expected.

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 Port Avenue, Mesquite Street, Brewster Street, and Chaparral Street to improve walkability in this area.



FUNDING SCHEDULE (Amounts in 000's)

Use of Funds	Project-to-Date Obligations April 2015	Unspent Prior Budget as of May 2015	CIP Budget Year 1 2015 - 2016	Year 2 2016 - 2017	Year 3 2017 - 2018	Three Year Total	PROJECT NOTES:
STREETS	88.9	411.1				-	Capital Budget Project No: ED13-001 Engineering Project No: E12134 Finance Project No: E12134 A/E Consultants: RVE, Inc. Contractor: TBD Award Design: June 2014 Award Construction: TDB Anticipated Completion: TBD Total Project Value: \$640,000
STORM WATER		140.0				-	
WASTEWATER							
WATER							
GAS							
TOTAL:	88.9	551.1				-	
Source of Funds							
Bond Issue 2012	88.9	411.1				-	
Revenue Bond		140.0				-	
TOTAL:	88.9	551.1				-	

OPERATIONAL IMPACT:

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

Bond 2012 Proposition Eight: ECONOMIC DEVELOPMENT

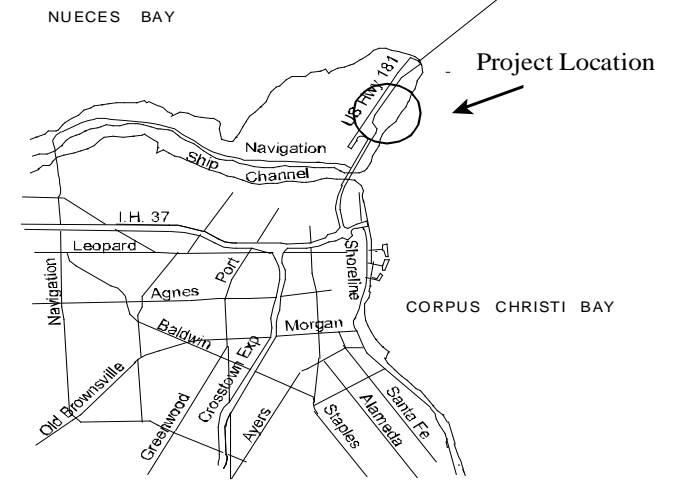
Sequence #49

PROJECT TITLE: North Beach Area Road Improvements & Area Beautification

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

DESCRIPTION:

This project includes landscaping enhancements as well as roadway surface and pedestrian improvements in the North Beach Area on the following roads: Breakwater Ave, Pearl Ave, North Shoreline Blvd, Bridgeport Ave, and Coastal Avenue.



FUNDING SCHEDULE (Amounts in 000's)

Use of Funds	Project-to-Date Obligations April 2015	Unspent Prior Budget as of May 2015	CIP Budget Year 1 2015 - 2016	Year 2 2016 - 2017	Year 3 2017 - 2018	Three Year Total	PROJECT NOTES:
STREETS	111.9	488.1				-	Capital Budget Project No: ED13-002 Engineering Project No: E12127 Finance Project No: E12127 A/E Consultants: RVE, Inc. Contractor: TBD Award Design: March 2013 Award Construction: July 2016 Anticipated Completion: May 2017 Total Project Value: \$1,100,700
STORM WATER	25.3	332.4				-	
WASTEWATER	23.0	41.9				-	
WATER	23.0	55.1				-	
GAS						-	
TOTAL:	183.2	917.5				-	
Source of Funds							
Bond Issue 2012	111.9	488.1				-	
Revenue Bond	71.3	429.4				-	
TOTAL:	183.2	917.5				-	

OPERATIONAL IMPACT:

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

Bond 2012 Proposition Eight: ECONOMIC DEVELOPMENT

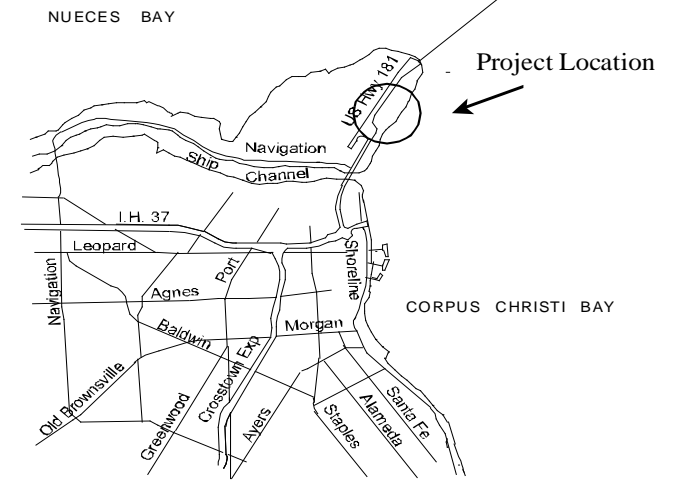
Sequence #50

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

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

DESCRIPTION:

This project includes repair, resurfacing, safety improvements and pedestrian amenities to the sidewalk along the Breakwater Structure; N. Shoreline on-street parking enhancement and pedestrian improvements; and Breakpoint Area Plaza enhancements. This project will be developed by the Texas State Aquarium and other North Beach businesses with the City participating in the cost of design and construction up to the voter-approved amount.



FUNDING SCHEDULE (Amounts in 000's)

Use of Funds	Project-to-Date Obligations April 2015	Unspent Prior Budget as of May 2015	CIP Budget Year 1 2015 - 2016	Year 2 2016 - 2017	Year 3 2017 - 2018	Three Year Total	PROJECT NOTES:
STREETS	198.1	801.9				-	Capital Budget Project No: ED13-003 Engineering Project No: E12129 Finance Project No: E12129 A/E Consultants: RVE, Inc. Contractor: TBD Award Design: May 2013 Award Construction: July 2015 Anticipated Completion: Sept 2016 Total Project Value: \$1,750,500
STORM WATER	47.6	462.8				-	
WASTEWATER	45.2	64.8				-	
WATER	37.4	92.7				-	
GAS						-	
TOTAL:	328.3	1,422.2				-	
Source of Funds							
Bond Issue 2012	198.1	801.9				-	
Revenue Bond	130.2	620.3				-	
TOTAL:	328.3	1,422.2				-	

OPERATIONAL IMPACT:

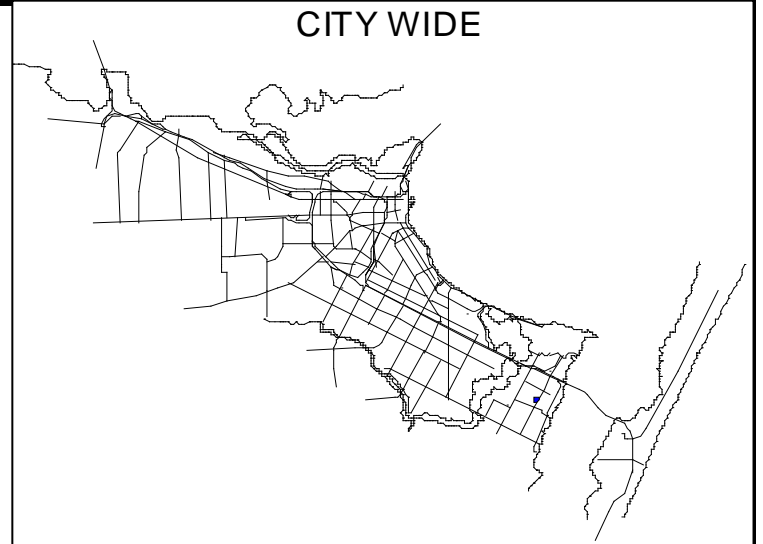
Unable to quantify operation impact at this time, but the work will make the area safer and friendlier for residents and visitors.

PROJECT TITLE: Developer Participation

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

DESCRIPTION:

Under the platting ordinance, the City participates with developers on street construction: along dedicated parks or other City property; construction of heavier-duty pavement sections on major streets; and portions of budget construction across drainage channels. This project will provide for the City's share of such projects as necessary up to the approved amount.



FUNDING SCHEDULE (Amounts in 000's)

Use of Funds	Project-to-Date Obligations April 2015	Unspent Prior Budget as of May 2015	CIP Budget Year 1 2015 - 2016	Year 2 2016 - 2017	Year 3 2017 - 2018	Three Year Total	PROJECT NOTES:
STREETS STORM WATER WASTEWATER WATER GAS	586.5	2,413.8					Capital Budget Project No: ED13-004 Engineering Project No: Various Finance Project No: Various A/E Consultants: N/A
TOTAL:	586.5	2,413.8					Contractor: N/A
Source of Funds							Award Design: N/A
Bond Issue 2012 Revenue Bond	586.5	2,413.8					Award Construction: N/A
TOTAL:	586.5	2,413.8					Anticipated Completion: N/A Total Project Value: \$3,000,300

OPERATIONAL IMPACT:

There is no operational impact with this project.

Bond 2012 Proposition Eight: ECONOMIC DEVELOPMENT

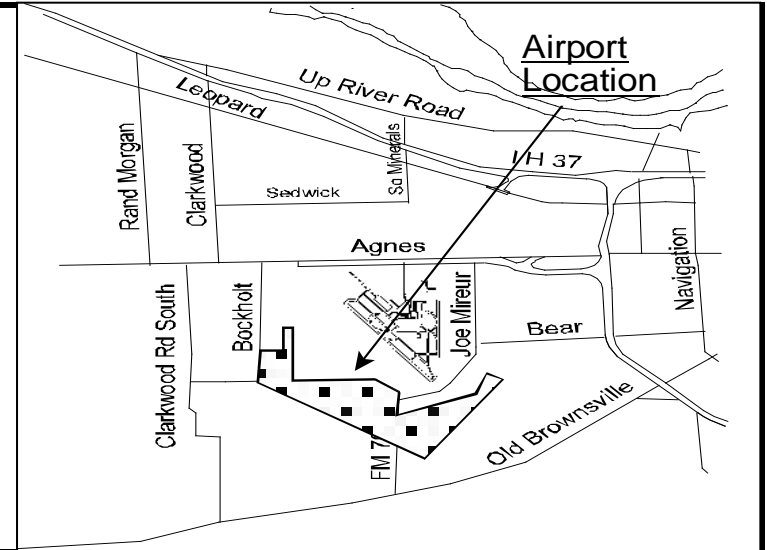
Sequence #52

PROJECT TITLE: International Boulevard

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

DESCRIPTION:

This project includes a combination of full depth pavement repair and resurfacing the existing entrance roadway looping from State Highway 44 through the Corpus Christi International Airport.



FUNDING SCHEDULE (Amounts in 000's)

Use of Funds	Project-to-Date Obligations April 2015	Unspent Prior Budget as of May 2015	CIP Budget Year 1 2015 - 2016	Year 2 2016 - 2017	Year 3 2017 - 2018	Three Year Total	PROJECT NOTES:
STREETS	114.5	685.5				-	Capital Budget Project No: ED13-006 Engineering Project No: E12137 Finance Project No: E12137 A/E Consultants: RVE, Inc. Contractor: TBD Award Design: March 2013 Award Construction: October 2015 Anticipated Completion: July 2016 Total Project Value: \$1,689,500
STORM WATER	55.8	584.1				-	
WASTEWATER	9.7	98.3				-	
WATER	11.4	117.0				-	
GAS	-					-	
AIRPORT	13.2					-	
TOTAL:	204.6	1,484.9				-	
Source of Funds							
Bond Issue 2012	114.5	685.5				-	
Revenue Bond	76.9	799.4				-	
Airport Reserves	13.2					-	
TOTAL:	204.6	1,484.9				-	

OPERATIONAL IMPACT:

There is no planned additional operational impact for this area.

DEPARTMENT: Streets

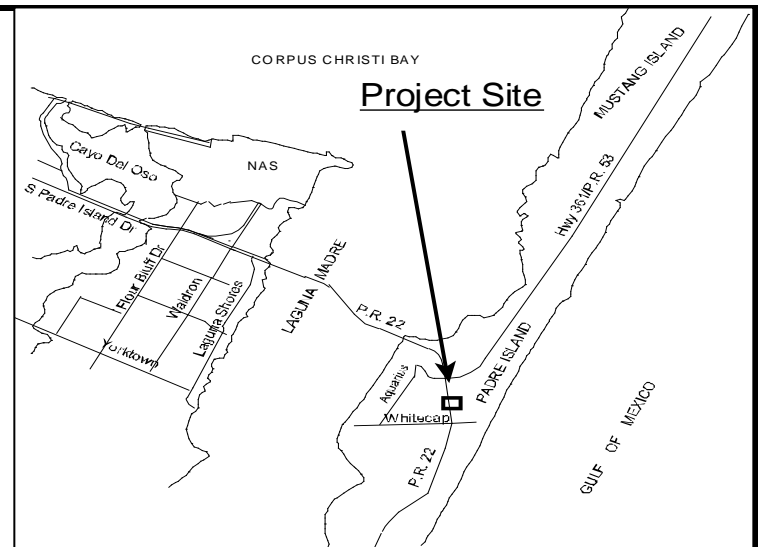
Sequence #53

PROJECT TITLE: Park Road 22 Bridge

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

DESCRIPTION:

This Bond 2004 project will result in the construction of a bridge over Park Road 22 to allow for the exchange of water between the canal systems located in the subdivisions on the east and west side of Park Road 22. The proposed design will provide pedestrian and golf cart passage under Park Road 22, accommodate small boat traffic under the bridge and create conditions for the improvement of water quality in the system. The project plans, specifications, bid and contract documents will be developed in accordance with the requirements of the Texas Department of Transportation (TxDOT). This project is being constructed in TxDOT right-of-way and construction will be let and administered by TxDOT. This is a City Council priority project and construction will utilize any remaining Bond 2008 Street Funds.



FUNDING SCHEDULE (Amounts in 000's)

Use of Funds	Project-to-Date Obligations April 2015	Unspent Prior Budget as of May 2015	CIP Budget Year 1 2015 - 2016	Year 2 2016 - 2017	Year 3 2017 - 2018	Three Year Total	PROJECT NOTES:
STREETS	1,489.5	-	5,600.0			5,600.0	Capital Budget Project No: 05001
STORM WATER	-	282.0	-			-	Engineering Project No: 6281
WASTEWATER	-	4,729.0	-			-	Finance Project No : 170062
WATER	-	633.1	-			-	A/E Consultant: Urban Eng.
GAS	-	120.0	-			-	
TOTAL:	1,489.5	5,764.1	5,600.0			5,600.0	Contractor: TBD
Source of Funds							Award Design: October '11
Bond Issue 2004	1,487.5	-	-			-	Let Construction: TBD
Bond Issue 2008 Reserves	2.0	-	5,600.0			5,600.0	Anticipated Completion: TBD
Revenue Bond	-	5,764.1	-			-	
TOTAL:	1,489.5	5,764.1	5,600.0			5,600.0	Total Project Value: \$12,853,600

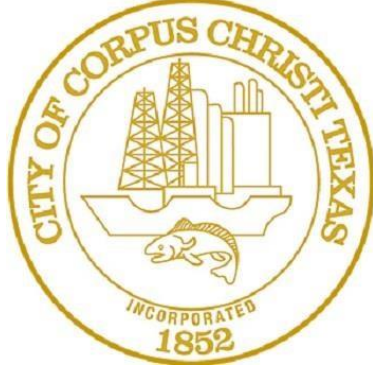
OPERATIONAL IMPACT:

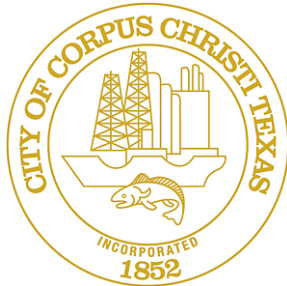
An operational budget impact cannot be determined until a final project scope has been developed. This project will impact the area with benefits to economic development and tourism.



GAS

Obligation to the Future





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 expansion projects and pipeline acquisitions 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 approximately 1,300 miles of distribution gas mains with over 54,000 active residential and commercial customers. This amounts to the purchase and delivery of approximately 3,300,000 MCF of natural gas per year.

Included in this year's Capital Improvement Program are critical expansion requirements for the main distribution supply lines throughout the city. These projects will connect the existing City distribution system to the North Beach distribution system, the Annaville/Calallen distribution system, and the Padre Island System. When complete, the Gas Department will have consolidated from five independent distribution systems to one. With the expansion of the main distribution supply line to the Annaville/Calallen, North Beach, Violet, and Padre Island areas, the reliability of the distribution system as a whole is greatly increased and redundancy is accomplished. Deliverability and capacity of the system is anticipated to increase.

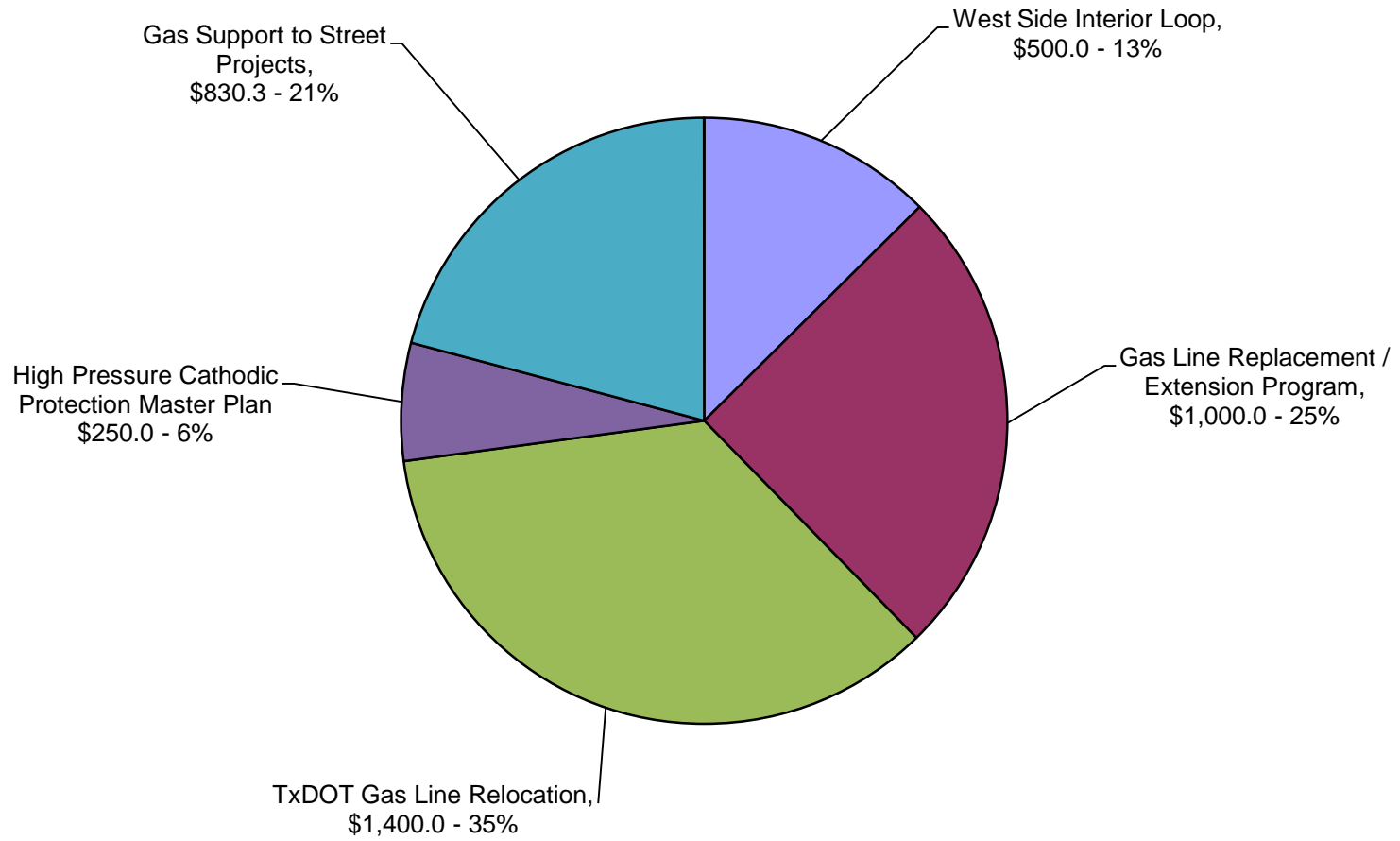
In addition to the projects listed, the Gas Capital Improvement Program Budget includes over \$1M in work to support city and Texas Department of Transportation (TxDOT) street projects that require upgrading or moving gas transmission lines. These projects include streets listed in the 2012 and 2014 General Obligation Bond Elections and programmed by TxDOT for fiscal years 2016 in anticipation of the new Harbor Bridge project.

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.

A recap of the budgeted expenditures includes:

EXPENDITURES:	YEAR ONE 2015 – 2016	YEAR TWO 2016– 2017	YEAR THREE 2017 – 2018
TOTAL PROGRAMMED EXPENDITURES:	\$ 3,980,300	\$ 4,315,400	\$ 5,559,000
FUNDING:			
New Debt (Revenue Bonds)	\$ 3,980,300	\$ 4,315,400	\$ 5,559,000
TOTAL PROGRAMMED FUNDS:	\$ 3,980,300	\$ 4,315,400	\$ 5,559,000

Gas
Annual CIP: \$3,980.3
(Amounts in 000's)



Seq #	Project Name	Project-to-Date Obligations April 2015	Unspent Prior Budget as of May 2015	CIP Budget Year 1 2015 - 2016	Year 2 2016 - 2017	Year 3 201 - 2018	Three Year Total
GAS 01	West Side Interior Loop Finance and Engineering Number: E12131	288.9	750.0	500.0	-	750.0	1,250.0
GAS 02	Gas Line Replacement / Extension Program Finance and Engineering Number: E12132	1,172.7	843.1	1,000.0	1,000.0	1,000.0	3,000.0
GAS 03	Gas Line Parallel to Padre Island Water Main, Phase 2 Finance and Engineering Number: E10172	2,345.0	1,154.0	-	-	-	-
GAS 04	Public Fill CNG Station Finance and Engineering Number: E15114	1,597.3	256.5	-	-	-	-
GAS 05	High Pressure Cathodic Protection Master Plan Finance and Engineering Number: E13022	59.8	1,240.4	250.0	-	-	250.0
GAS 06	Texas Department of Transportation Gas Line Relocation (HARBOR BRIDGE) Finance and Engineering Number: E15162	-	-	1,400.0	-	-	1,400.0
GAS 07	Gas Southside Transmission Main, Part D, Phase 1 Finance and Engineering Number: TBD	-	-	-	-	750.0	750.0
GAS 08	Gas Southside Transmission Main, Part E Finance and Engineering Number: TBD	-	-	-	-	215.5	215.5

Seq #	Project Name	Project-to-Date Obligations April 2015	Unspent Prior Budget as of May 2015	CIP Budget Year 1 2015 - 2016	Year 2 2016 - 2017	Year 3 201 - 2018	Three Year Total
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	Gas Program Sub-Total:	5,463.7	4,244.0	3,150.0	1,000.0	2,715.5	6,865.5
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	*Utility Relocation Costs for Bond 2008	-	120.0	-	-	-	-
	*Utility Relocation Costs for Bond 2012	202.2	1,283.5	273.8	68.7	-	342.5
	*Utility Relocation Costs for Bond 2014	47.0	47.3	556.5	3,246.7	2,843.5	6,646.7

** relocation costs and funding reflected within Streets Program*

	TOTAL PROGRAMMED EXPENDITURES:	5,712.9	5,694.8	3,980.3	4,315.4	5,559.0	13,854.7
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CURRENTLY AVAILABLE FUNDING:

	Revenue Bonds	5,712.9	5,694.8	-	-	-	-
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	Total Currently Available:	5,712.9	5,694.8	-	-	-	-
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RECOMMENDED ADDITIONAL FUNDING:

	Revenue Bonds	-	-	3,980.3	4,315.4	5,559.0	13,854.7
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	Total Funding Source:	5,712.9	5,694.8	3,980.3	4,315.4	5,559.0	13,854.7
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DEPARTMENT: **Gas**

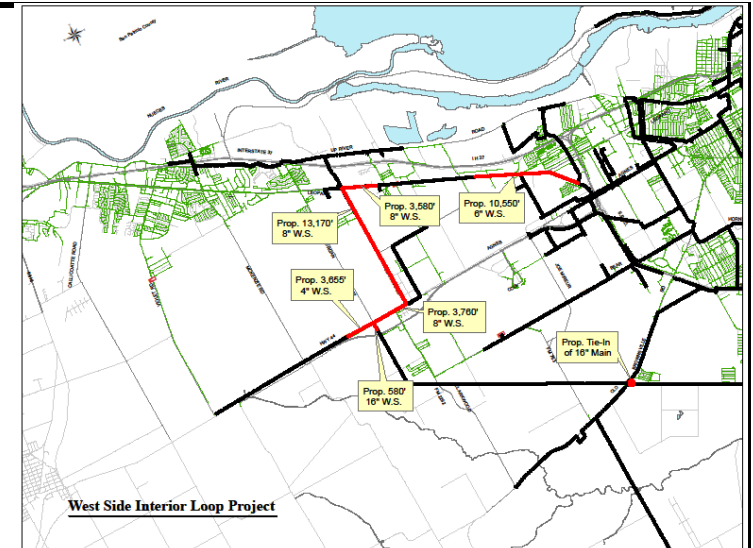
Sequence #01

PROJECT TITLE: West Side Interior Loop

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 ft high pressure mains varying in size from 4 to 16 inch. This will connect the existing City distribution system to the Annville/Callalen distribution system. By connecting the two system we will increase reliability and capacity to the Annville/Callalen area.



FUNDING SCHEDULE (Amounts in 000's)

Use of Funds	Project-to-Date Obligations April 2015	Unspent Prior Budget as of May 2015	CIP Budget Year 1 2015 - 2016	Year 2 2016 - 2017	Year 3 2017 - 2018	Three Year Total	PROJECT NOTES:
Material Purchase							Capital Budget Project No: 12100
Design & Engineering							Engineering Project No: E12131
Construction	288.4	700.0	450.0	-	700.0	1,150.0	Finance Project No: E12131
Contingency							A/E Consultant: In House
Inspection/Other	0.5	50.0	50.0	-	50.0	100.0	Contractor: TBD
TOTAL:	288.9	750.0	500.0	-	750.0	1,250.0	Award Design: N/A
Source of Funds							Award Construction: On-Going
Revenue Bond	288.9	750.0	500.0	-	750.0	1,250.0	Anticipated Completion: On-Going
TOTAL:	288.9	750.0	500.0	-	750.0	1,250.0	Total Project Value: \$2,288,900

OPERATIONAL IMPACT:

The impact is negligible to the annual operating budget, but this work will increase the capacity to market additional gas volume to the Annville and Callalen areas and potentially increase revenues.

DEPARTMENT: Gas

Sequence #02

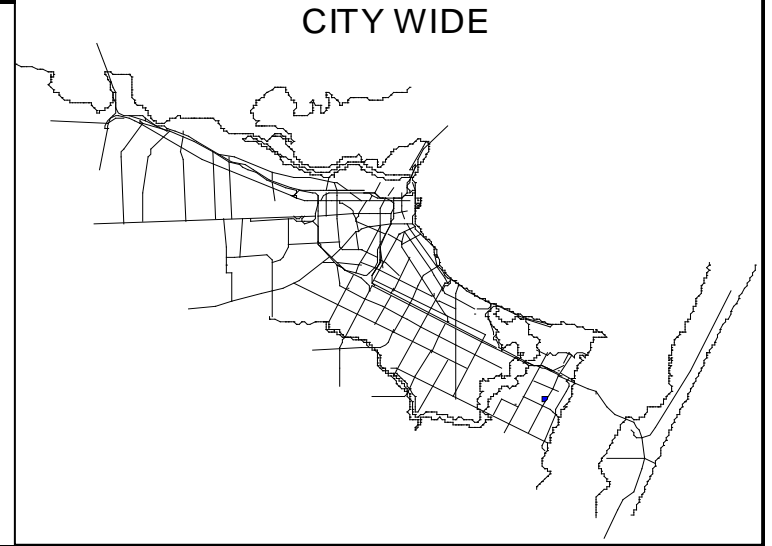
CITY WIDE

PROJECT TITLE: Gas Line Replacement / Extension Program

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

DESCRIPTION:

This project involves the study and evaluation of the existing gas pipelines the City owns and will result in a replacement schedule of the lines at or beyond their 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 projects that arise during the year.



FUNDING SCHEDULE (Amounts in 000's)

Use of Funds	Project-to-Date Obligations April 2015	Unspent Prior Budget as of May 2015	CIP Budget Year 1 2015 - 2016	Year 2 2016 - 2017	Year 3 2017 - 2018	Three Year Total	PROJECT NOTES:
Material Purchase							Capital Budget Project No: 12100
Design & Engineering							Engineering Project No: E12132
Construction	921.0	700.0	800.0	800.0	800.0	2,400.0	Finance Project No: E12132
Contingency						-	A/E Consultant: N/A
Inspection/Other	251.7	143.1	200.0	200.0	200.0	600.0	Contractor: City Crews
TOTAL:	1,172.7	843.1	1,000.0	1,000.0	1,000.0	3,000.0	Award Design: N/A
Source of Funds							
Revenue Bond	1,172.7	843.1	1,000.0	1,000.0	1,000.0	3,000.0	Award Construction: N/A
TOTAL:	1,172.7	843.1	1,000.0	1,000.0	1,000.0	3,000.0	Anticipated Completion: N/A
							Total Project Value: \$1,000,000 yearly

OPERATIONAL IMPACT:

There is not a direct operational impact due to this project, but allows strategic system recapitalization to prevent future line breakages and interruption of service due to aging infrastructure and avoids major rate fluxuations.

DEPARTMENT: Gas

Sequence #03

PROJECT TITLE: Gas Line Parallel to Padre Island Water Main, Phase 2

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

DESCRIPTION:

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



FUNDING SCHEDULE (Amounts in 000's)

Use of Funds	Project-to-Date Obligations April 2015	Unspent Prior Budget as of May 2015	CIP Budget Year 1 2015 - 2016	Year 2 2016 - 2017	Year 3 2017 - 2018	Three Year Total	PROJECT NOTES:
Design & Engineering	202.7						Capital Budget Project No: 11004 Engineering Project No: E10172 Finance Project No: E10172 A/E Consultant: Urban Eng. Contractor: Clark Pipeline Award Design: July 2014 Award Construction: May 2015 Anticipated Completion: October 2015 Total Project Value: \$3,500,000 NETWORK
Construction	2,113.6	1,000.0				-	
Contingency	-	100.0				-	
Inspection/Other	28.7	54.0				-	
TOTAL:	2,345.0	1,154.0				-	
Source of Funds							
Revenue Bond	2,345.0	1,154.0				-	
TOTAL:	2,345.0	1,154.0				-	

OPERATIONAL IMPACT:

This project will increase redundancy and efficiencies to the Island.

DEPARTMENT: Gas

Sequence #04

PROJECT TITLE: Public Fill CNG Station

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

DESCRIPTION:

The City Council discussed the fuel and maintenance cost savings and emission reduction for cleaner environment that is afforded through the 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. The private fleets include US Post Office, AT&T, Nueces County, Rail Road Commission of Texas, Republic Services, CC Disposal, and private customers. The demand of CNG has increased almost double from 17,000 GGE (Gasoline Gallon Equivalence) to 33,000 GGE since November 2013. This project proposes the construction of a public CNG station to meet the rising demands of City fleets, commercial fleets and private customers. This project is being completed through a design/build construction procurement method.



FUNDING SCHEDULE (Amounts in 000's)

Use of Funds	Project-to-Date Obligations April 2015	Unspent Prior Budget as of May 2015	CIP Budget Year 1 2015 - 2016	Year 2 2016 - 2017	Year 3 2017 - 2018	Three Year Total	PROJECT NOTES:
Design & Construction	1,597.3	159.7				-	Capital Budget Project No: 13-001 Engineering Project No: E15114 Finance Project No: E15114 A/E Consultant: Zeit Energy Contractor: Zeit Energy
Inspection/Other		96.8				-	
TOTAL:	1,597.3	256.5				-	
Source of Funds							Award Design/Build: May 2015
Revenue Bond	1,597.3	256.5				-	Anticipated Completion: January 2016
TOTAL:	1,597.3	256.5				-	Total Project Value: \$1,853,834

OPERATIONAL IMPACT:

An additional station to serve the public would generate additional revenues to the department.

DEPARTMENT: Gas

Sequence #05

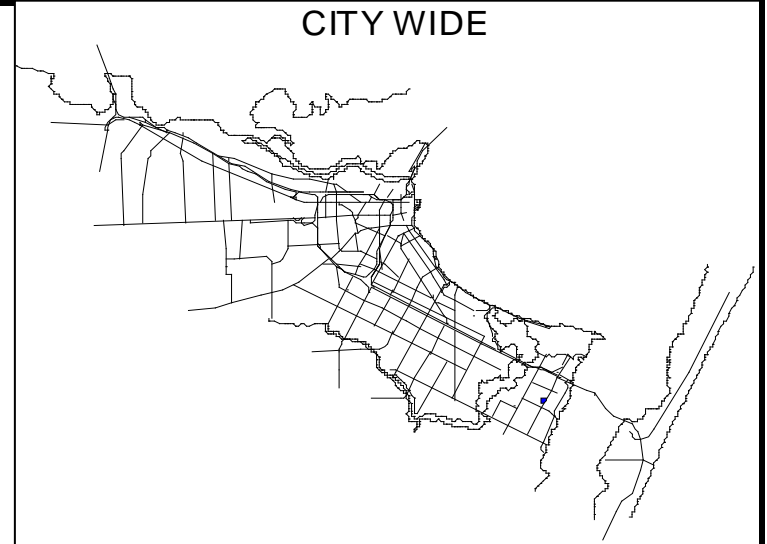
CITY WIDE

PROJECT TITLE: High Pressure Cathodic Protection Master Plan

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

DESCRIPTION:

This project proposes design and construction to upgrade the current city-wide high pressure distribution system from Sacrificial Anode Cathodic Protection System to an Impressed Current Cathodic Protection System.



FUNDING SCHEDULE (Amounts in 000's)

Use of Funds	Project-to-Date Obligations March 2014	Unspent Prior Budget as of April 2014	CIP Budget Year 1 2014 - 2015	Year 2 2015 - 2016	Year 3 2016 - 2017	Three Year Total	PROJECT NOTES:
Equipment Purchase	59.5					-	Capital Budget Project No: 13-003
Design & Engineering		100.0				-	Engineering Project No: E13022
Construction		1,000.0	200.0			200.0	Finance Project No: E13022
Contingency		90.0				-	A/E Consultant: RFQ
Inspection/Other	0.3	50.4	50.0			50.0	Contractor: In House
TOTAL:	59.8	1,240.4	250.0	-	-	250.0	Award Design: FY 2015
Source of Funds							
Revenue Bond	59.8	1,240.4	250.0	-	-	250.0	Award Construction: N/A
TOTAL:	59.8	1,240.4	250.0	-	-	250.0	Anticipated Completion: N/A
							Total Project Value: \$1,550,200

OPERATIONAL IMPACT:

Not enough information to develop operational impact at this time.

DEPARTMENT: Gas

Sequence #06

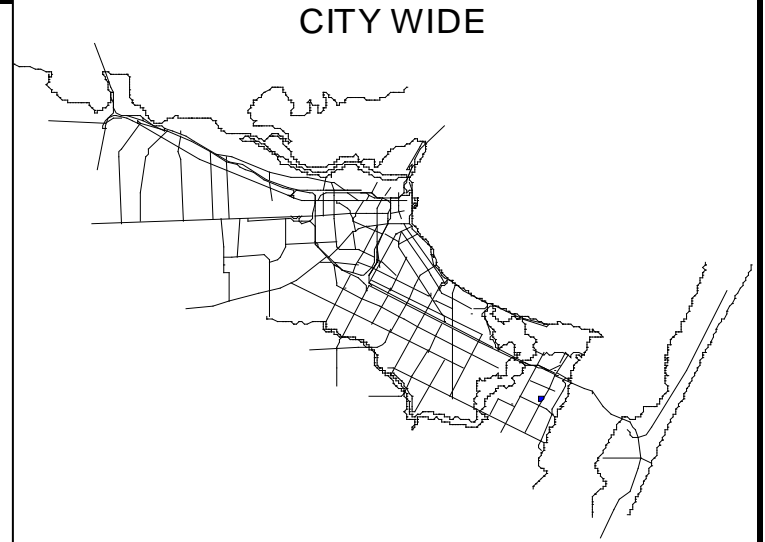
CITY WIDE

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:

The objective of this project is to relocate any gas lines as required by the Texas Department of Transportation (TxDOT). These funds are dedicated to the proposed Harbor Bridge easement to meet the construction schedule of Harbor Bridge project. TxDOT will be responsible for the design and construction of any utility relocations and the City will participate through funding assistance.



FUNDING SCHEDULE (Amounts in 000's)

Use of Funds	Project-to-Date Obligations April 2015	Unspent Prior Budget as of May 2015	CIP Budget Year 1 2015 - 2016	Year 2 2016 - 2017	Year 3 2017 - 2018	Three Year Total	PROJECT NOTES:
Equipment Purchase Design & Engineering Construction Contingency Inspection/Other			1,400.0	-	-	1,400.0	Capital Budget Project No: 13-003 Engineering Project No: E15162 Finance Project No: E15162 A/E Consultant: N/A Contractor: TBD
TOTAL:			1,400.0	-	-	1,400.0	
Source of Funds							Award Design: N/A
Revenue Bond			1,400.0	-	-	1,400.0	Award Construction: N/A Anticipated Completion: N/A
TOTAL:			1,400.0	-	-	1,400.0	Total Project Value: \$1,400,000

OPERATIONAL IMPACT:

The operational impact of this project is negligible, but it is required to facilitate construction of the new Harbor Bridge.

DEPARTMENT: **Gas**

Sequence #07

PROJECT TITLE: Gas Southside Transmission Main, Part D, Phase 1

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

DESCRIPTION:

This project consists of the preliminary work required for the installation of approximately 26,000' of 16" wrapped steel gas main from Highway 44 to 1,800 feet West of Violet Road. Year 3 funding will provide for the remaining easement acquisition by city staff (Phase 1). Year 4 funding will purchase the necessary steel pipe and the engineering design to construct the project (Phase 2). Construction will be completed as future funding allows (Phase 3). The continued expansion of the high pressure main distribution supply to the Annville/Calallen area will increase deliverability, capacity and reliability. It will provide the critical back feed and redundancy that will insure continuous service.



FUNDING SCHEDULE (Amounts in 000's)

Use of Funds	Project-to-Date Obligations April 2015	Unspent Prior Budget as of May 2015	CIP Budget Year 1 2015 - 2016	Year 2 2016 - 2017	Year 3 2017 - 2018	Three Year Total	PROJECT NOTES:
Land Acquisition					750.0	750.0	Capital Budget Project No: 13-003 Engineering Project No: TBD Finance Project No: TBD A/E Consultant: N/A Contractor: TBD
Design & Engineering							
Construction							
Contingency							
Inspection/Other							
TOTAL:					750.0	750.0	
Source of Funds							Award Design: N/A
Revenue Bond					750.0	750.0	Award Construction: N/A
TOTAL:					750.0	750.0	Anticipated Completion: N/A Total Project Value: \$2,995,000

OPERATIONAL IMPACT:

The impact is negligible to the annual operating budget, but this work will increase the capacity to market additional gas volume to the Annville and Calallen areas and potentially increase revenues.

DEPARTMENT: **Gas**

Sequence #08

PROJECT TITLE: Gas Southside Transmission Main, Part E

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

DESCRIPTION:

This project consists of the preliminary work required for the installation of approximately 12,500' of 12" wrapped steel gas main from 1,800 ft. west of Violet Road to Highway 77. Year 3 funding will provide for the remaining easement acquisition by city staff (Phase 1). Year 4 funding will purchase the necessary steel pipe and the engineering design to construct the project (Phase 2). Construction will be completed as future funding allows (Phase 3). The continued expansion of the high pressure main distribution supply to the Annville/Calallen area will increase deliverability, capacity and reliability. It will provide the critical back feed and redundancy that will insure continuous service.



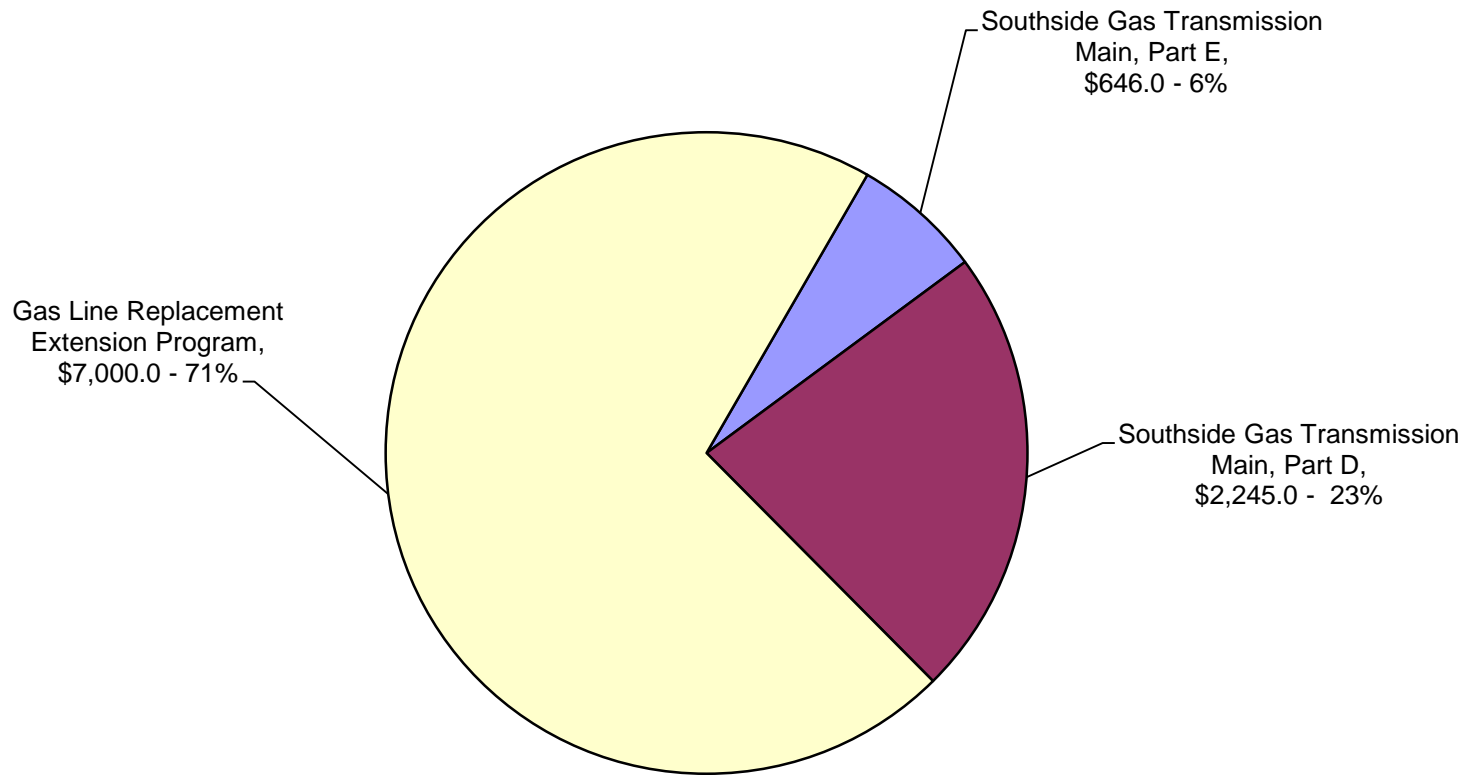
FUNDING SCHEDULE (Amounts in 000's)

Use of Funds	Project-to-Date Obligations April 2015	Unspent Prior Budget as of May 2015	CIP Budget Year 1 2015 - 2016	Year 2 2016 - 2017	Year 3 2017 - 2018	Three Year Total	PROJECT NOTES:
Land Acquisition					215.5	215.5	Capital Budget Project No: 13-003 Engineering Project No: TBD Finance Project No: TBD A/E Consultant: N/A Contractor: TBD
Design & Engineering							
Construction							
Contingency							
Inspection/Other							
TOTAL:					215.5	215.5	
Source of Funds							Award Design: N/A
Revenue Bond					215.5	215.5	Award Construction: N/A
TOTAL:					215.5	215.5	Anticipated Completion: N/A Total Project Value: \$861,500

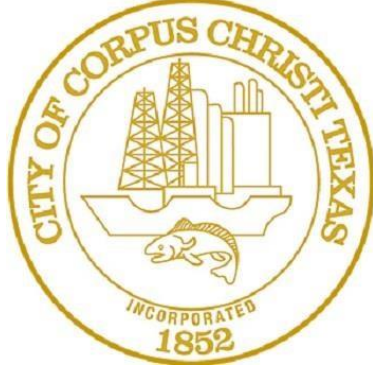
OPERATIONAL IMPACT:

The impact is negligible to the annual operating budget, but this work will increase the capacity to market additional gas volume to the Annville and Calallen areas and potentially increase revenues.

Gas
Long-Range CIP: \$9,891.0
(Amounts in 000's)



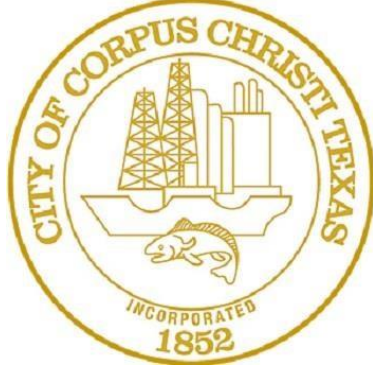
		Long-Range Year
1	<u>Life Cycle Gas Line Replacement</u> This project involves the study and evaluation of the existing gas pipelines the City owns and will result in a replacement schedule of the lines at or beyond their service life. Lines and regulator stations in the most deteriorated condition and 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 projects that arise during the year.	\$7,000,000 4, 5, 6, 7, 8, 9, 10
2	<u>Southside Gas Transmission Main, Part D, Phase 1 (Hwy 44 to 1,800 feet West of Violet Road)</u> This project consists of the preliminary work required for the installation of approximately 26,000' of 16" wrapped steel gas main from Highway 44 to 1,800 feet West of Violet Road. Year 4 funding will provide for the remaining easement acquisition by city staff (Phase 1). Year 5 funding will purchase the necessary steel pipe and the engineering design to construct the project (Phase 2). Construction will be completed as future funding allows (Phase 3). The continued expansion of the high pressure main distribution supply to the Annville/Calallen area will increase deliverability, capacity and reliability. It will provide the critical back feed and redundancy that will insure continuous service.	\$2,245,000 4,5
3	<u>Southside Gas Transmission Main, Part E (1800 Ft West of Violet Road to Highway 77)</u> This project consists of the preliminary work required for the installation of approximately 12,500' of 12" wrapped steel gas main from 1,800 ft. west of Violet Road to Highway 77. Year 6 funding will provide for the remaining easement acquisition by city staff (Phase 1). Year 7 funding will purchase the necessary steel pipe and the engineering design to construct the project (Phase 2). Construction will be completed as future funding allows (Phase 3). The continued expansion of the high pressure main distribution supply to the Annville/Calallen area will increase deliverability, capacity and reliability. It will provide the critical back feed and redundancy that will insure continuous service.	\$646,000 4,5
<u>TOTAL FUTURE CAPITAL IMPROVEMENT NEEDS:</u>		<u>\$9,891,000</u>

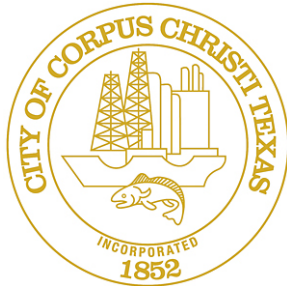




STORM WATER

Obligation to the Future





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, support of Bond 2012 and Bond 2014 projects, and the Storm Water Drainage Master Plan.

The Storm Water Drainage Master Plan will be expanded to assess the impact of level of service and drainage criteria of the draft plan and will include a project prioritization schedule. The next phase continues on previous work to assess the return on investment for proposed improvements and may be used as a tool to assess prioritization of major drainage projects impacting drainage areas in excess of 200 acres.

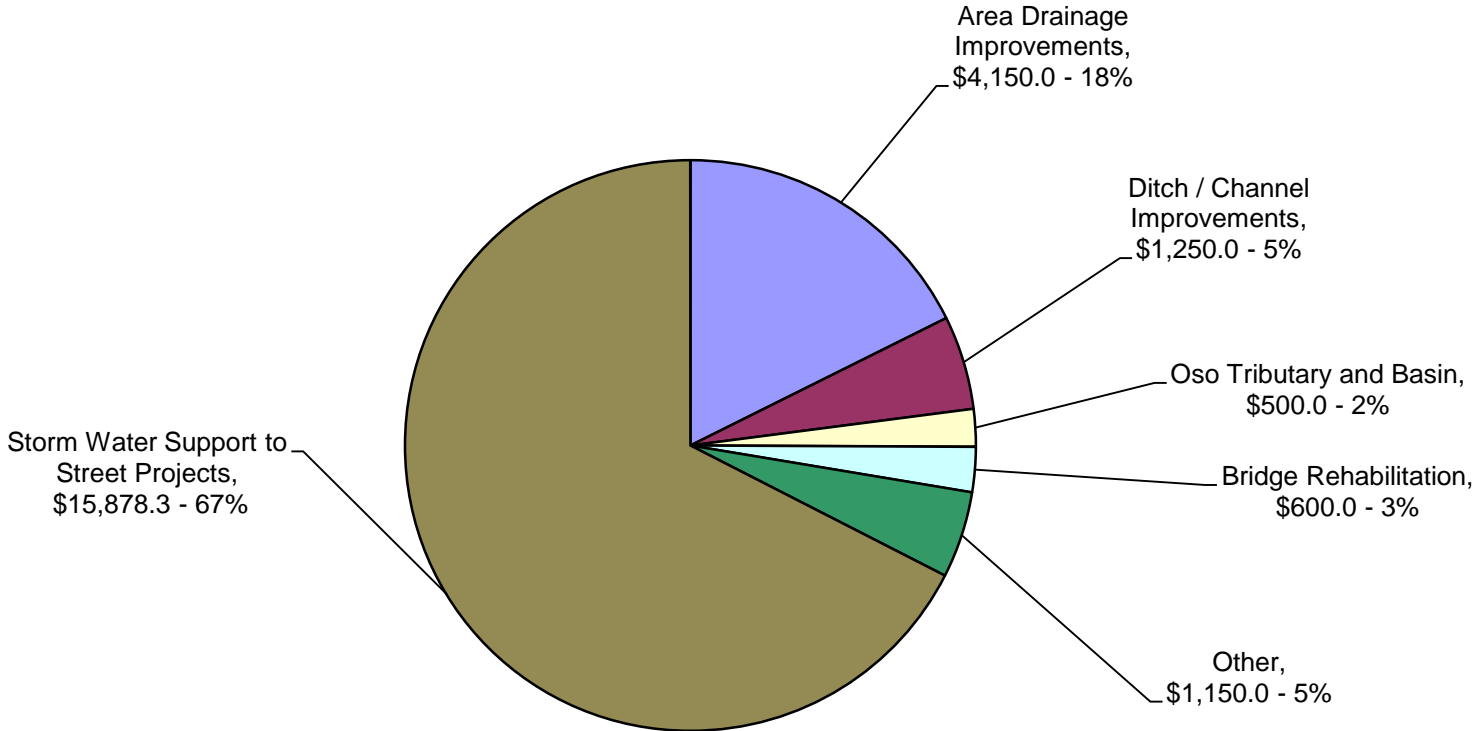
Over the next several years, the integrity of the City's Storm Water facilities will be improved through projects planned to provide additional capacity and infrastructure lifecycle management. In a proactive, rather than reactive approach, an evaluation of major and minor systems, outfall structures, 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 \$15 M in work to support city and Texas Department of Transportation (TxDOT) street projects that require upgrading or moving storm water mains. These projects include streets listed in the 2012 and 2014 General Obligation Bond Elections and programmed by TxDOT for fiscal years 2016 and 2017.

A recap of the budgeted expenditures includes:

	YEAR ONE 2015– 2016	YEAR TWO 2016 – 2017	YEAR THREE 2017 – 2018
TOTAL PROGRAMMED EXPENDITURES:	\$ 23,528,300	\$ 33,858,300	\$ 26,700,800
FUNDING:			
Storm Water Capital Reserves	\$ 2,500,000	\$ 0	\$ 0
New Debt (Revenue Bonds)	\$ 21,028,300	\$ 21,170,400	\$ 19,373,500
TOTAL PROGRAMMED FUNDS:	\$ 23,528,300	\$ 33,858,300	\$ 26,700,800

**Storm Water
Annual CIP: \$23,528.3
(Amounts in 000's)**



Seq #	Project Name	Project-to-Date Obligations April 2015	Unspent Prior Budget as of May 2015	CIP Budget Year 1 2015 - 2016	Year 2 2016 - 2017	Year 3 2017 - 2018	Three Year Total
SW 01	Lifecycle Pipe Rehabilitation and Replacement Finance and Engineering Number: E12146	258.1	49.5	2,500.0	2,500.0	2,500.0	7,500.0
SW 02	IDIQ Major Ditch Improvements Finance and Engineering Number: E12191		1,500.0	500.0	500.0	500.0	1,500.0
SW 03	Drainage Channel Excavation - Master Channel 31 Finance Number: 160092 Engineering Number: 2235	994.9	327.4	500.0	500.0	500.0	1,500.0
SW 04	Schanen Ditch Improvements, Phase 2 Finance and Engineering Number: E11073	774.8	1,483.8	-	-	-	-
SW 05	La Volla Creek Channel Excavation, Phase 1 Finance and Engineering Number: E10200	442.1	2,980.7	-	-	-	-
SW 06	Oso Creek Basin Drainage Relief Finance and Engineering Number: E10201	745.1	2,400.0	500.0	500.0	500.0	1,500.0
SW 07	Unanticipated Storm Water Capital Requirements Finance and Engineering Number: E12193	45.5	660.5	250.0	250.0	500.0	1,000.0
SW 08	Egyptian and Meadowbrook/USACE Mitigation Finance and Engineering Number: E12195	13.2	511.8	300.0	300.0	300.0	900.0
SW 09	Gollihar Outfall Repairs Finance and Engineering Number: E14039 / E12143	25.6	1,374.4	750.0	-	-	750.0

Seq #	Project Name	Project-to-Date Obligations April 2015	Unspent Prior Budget as of May 2015	CIP Budget Year 1 2015 - 2016	Year 2 2016 - 2017	Year 3 2017 - 2018	Three Year Total
SW 10	Lifecycle Curb and Gutter Replacement Finance and Engineering Number: E14035	676.0	1,216.8	600.0	600.0	600.0	1,800.0
SW 11	Minor Channel Improvements Finance and Engineering Number: E14041 / E12198	-	600.0	250.0	250.0	250.0	750.0
SW 12	Storm Water Master Plan Update Finance Number: 2083 Engineering Number: 160270	1,593.4	1,631.4	500.0	500.0	-	1,000.0
SW 13	Major Outfall Assessment and Repairs Finance and Engineering Numbers: E12145, E13142, E13112	11.7	588.2	300.0	300.0	300.0	900.0
SW 14	Bridge Rehabilitation Finance and Engineering Number: E12199	0.4	996.6	600.0	500.0	500.0	1,600.0
SW 15	Developer Participation - Storm Water Finance and Engineering Number: E12201	-	350.0	100.0	100.0	100.0	300.0
Storm Water Program Sub-Total:		5,580.8	16,671.1	7,650.0	6,800.0	6,550.0	21,000.0

Seq #	Project Name	Project-to-Date Obligations April 2015	Unspent Prior Budget as of May 2015	CIP Budget Year 1 2015 - 2016	Year 2 2016 - 2017	Year 3 2017 - 2018	Three Year Total
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	*Utility Relocation Costs for Bond 2008	-	282.0	-	-	-	-
	*Utility Relocation Costs for Bond 2012	7,044.9	25,732.5	7,717.8	7,940.1	2,313.3	17,971.2
	*Utility Relocation Costs for Bond 2014	3,199.4	221.5	8,160.5	14,118.2	6,837.5	29,116.2
	Future Programmed Bond Utility Support	-	-	-	5,000.0	11,000.0	16,000.0

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

	TOTAL PROGRAMMED EXPENDITURES:	15,825.1	42,907.1	23,528.3	33,858.3	26,700.8	84,087.4
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PROGRAM FUNDING SCHEDULE:

CURRENTLY AVAILABLE FUNDING:

	Revenue Bond	15,825.1	42,907.1	-	-	-	-
	Storm Water Capital Reserves	-	-	2,500.0	-	-	2,500.0

	Total Currently Available:	15,825.1	42,907.1	2,500.0	-	-	2,500.0
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RECOMMENDED ADDITIONAL FUNDING:

	Revenue Bond	-	-	21,028.3	33,858.3	26,700.8	81,587.4
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	TOTAL PROGRAMMED FUNDS:	15,825.1	42,907.1	23,528.3	33,858.3	26,700.8	84,087.4
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DEPARTMENT: **Storm Water**

Sequence #01

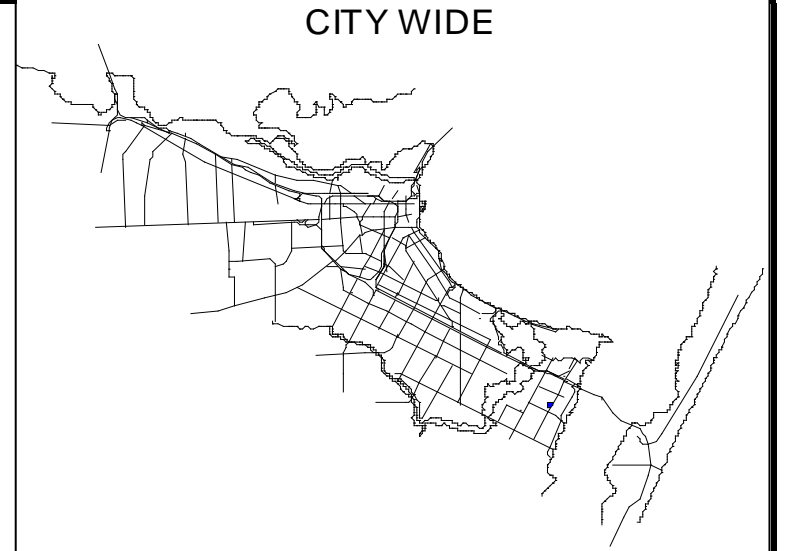
CITY WIDE

PROJECT TITLE: Lifecycle Pipe 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:

The purpose of this project is to systematically rehabilitate and / or replace aging storm water infrastructure city-wide. This project will assess the existing condition of clay pipe and other aging systems that have reached the end of their useful service life and rehabilitate and / replace as required. This project will be implemented in a phased approach as funding allows.



FUNDING SCHEDULE (Amounts in 000's)

Use of Funds	Project-to-Date Obligations April 2015	Unspent Prior Budget as of May 2015	CIP Budget Year 1 2015 - 2016	Year 2 2016 - 2017	Year 3 2017 - 2018	Three Year Total	PROJECT NOTES:
Design & Engineering	244.4		280.0	280.0	280.0	840.0	Capital Budget Project No: 13003
Construction			1,850.0	1,850.0	1,850.0	5,550.0	Engineering Project No: E12146
Contingency			185.0	185.0	185.0	555.0	Finance Project No: E12146
Inspection/Other	13.7	49.5	185.0	185.0	185.0	555.0	A/E Consultant: RFQ
TOTAL:	258.1	49.5	2,500.0	2,500.0	2,500.0	7,500.0	Contractor: TBD
Source of Funds							Award Design: FY 2015
Revenue Bonds	258.1	49.5	-	2,500.0	2,500.0	5,000.0	Begin Construction: On-Going
Storm Water Reserves	-	-	2,500.0	-	-	2,500.0	Anticipated Completion: On-Going
TOTAL:	258.1	49.5	2,500.0	2,500.0	2,500.0	7,500.0	Total Project Value: \$27,686,300

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 ultimately can reduce operational cost due to reduced "emergency" responses and more costly maintenance actions during the lifecycle of the channel.

DEPARTMENT: **Storm Water**

Sequence #02

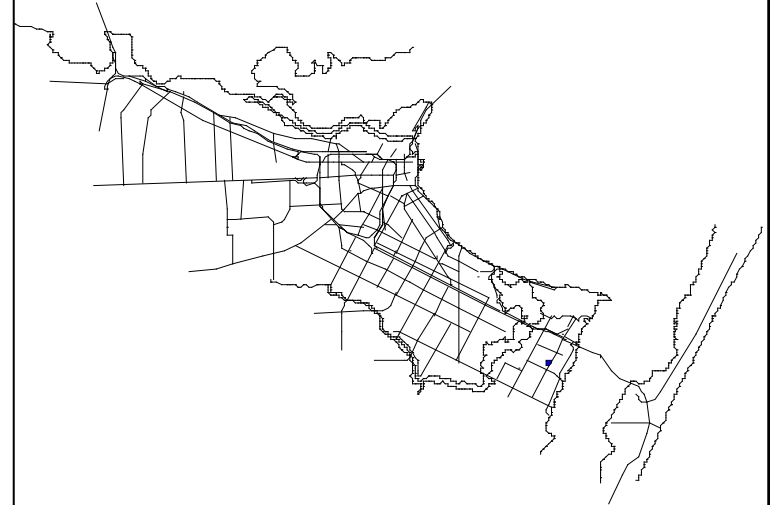
CITY WIDE

PROJECT TITLE: IDIQ Major 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:

The City has approximately 100 miles of major ditches. As part of the programmatic approach to implement lifecycle improvements, 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. These 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.



FUNDING SCHEDULE (Amounts in 000's)

Use of Funds	Project-to-Date Obligations April 2015	Unspent Prior Budget as of May 2015	CIP Budget Year 1 2015 - 2016	Year 2 2016 - 2017	Year 3 2017 - 2018	Three Year Total	PROJECT NOTES:
Design & Engineering		120.0	56.0	56.0	56.0	168.0	Capital Budget Project No: 12001
Construction		1,200.0	370.0	370.0	370.0	1,110.0	Engineering Project No: E12191
Contingency		120.0	37.0	37.0	37.0	111.0	Finance Project No: E12191
Inspection/Other		60.0	37.0	37.0	37.0	111.0	A/E Consultant: Various
TOTAL:		1,500.0	500.0	500.0	500.0	1,500.0	Contractor: TBD
Source of Funds							Award Design: TBD
Revenue Bonds		1,500.0	500.0	500.0	500.0	1,500.0	Begin Construction: On-Going
TOTAL:		1,500.0	500.0	500.0	500.0	1,500.0	Anticipated Completion: On-Going
							Total Project Value: \$6,500,000

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 ultimately can reduce operational cost due to reduced "emergency" responses and more costly maintenance actions during the lifecycle of the channel.

DEPARTMENT: Storm Water

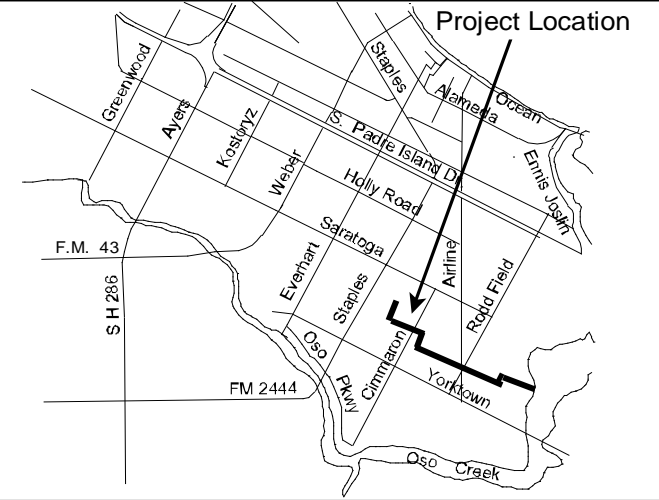
Sequence #03

PROJECT TITLE: Drainage Channel Excavation – Master Channel No. 31

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

DESCRIPTION:

Master Channel 31 was constructed in various phases in conjunction with the development in the area. The side slopes and bottom are severely eroded resulting in poor drainage and encroachment of ditch outside of the City right-of-way. This project will provide critical improvements to restore and improve the drainage profile and include erosion control measures such as side slope stabilization, soil treatment, vegetative cover and other best management practices. This project is planned in multiple phases as funding allows.



FUNDING SCHEDULE (Amounts in 000's)

Use of Funds	Project-to-Date Obligations April 2015	Unspent Prior Budget as of May 2015	CIP Budget Year 1 2015 - 2016	Year 2 2016 - 2017	Year 3 2017 - 2018	Three Year Total	PROJECT NOTES:
Design & Engineering	83.9	25.0	56.0	56.0	56.0	168.0	Capital Budget Project No: 4008
Construction	883.1	250.0	370.0	370.0	370.0	1,110.0	Engineering Project No: 2235
Contingency		25.0	37.0	37.0	37.0	111.0	Finance Project No: 160092
Inspection/Other	27.9	27.4	37.0	37.0	37.0	111.0	THIS FISCAL YEAR PROJ
TOTAL:	994.9	327.4	500.0	500.0	500.0	1,500.0	A/E Consultant: Freese Nichols Contractor: TBD
Source of Funds							Award Design: July 2011
Revenue Bonds	994.9	327.4	500.0	500.0	500.0	1,500.0	Begin Construction: October 2014
TOTAL:	994.9	327.4	500.0	500.0	500.0	1,500.0	Anticipated Completion: October 2015 Total Project Value: \$2,822,300

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 ultimately can reduce operational cost due to reduced "emergency" responses and more costly maintenance actions during the lifecycle of the channel. The City complies with regulatory permits by using the following measures: pollution prevention, treatment or pollution removal, storm water monitoring and minimizing the introduction of pollutant into the municipal separate storm sewer system (MS4)

DEPARTMENT: **Storm Water**

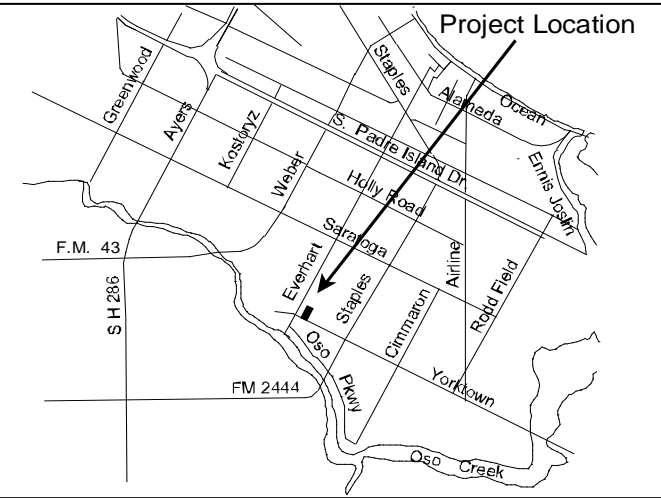
Sequence #04

PROJECT TITLE: Schanen Ditch Improvements, Phase 2

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 existing profile of Schanen Ditch exceeds the recommended slope of 4:1 and maximum of 3:1. This is resulting in major slope stabilization failure in multiple areas near the Yorktown Bridge. Work to improve this ditch will include excavation/backfill to widen and create 3:1 side slopes with stabilization matting, new culvert and outfalls, riprap and ditch bottom improvements, seeding, irrigation adjustments, traffic controls, dewatering and other miscellaneous items. Construction of Phase 1 of this project has been recently completed and future phases will be complete to the extent funding allows.



FUNDING SCHEDULE (Amounts in 000's)

Use of Funds	Project-to-Date Obligations April 2015	Unspent Prior Budget as of May 2015	CIP Budget Year 1 2015 - 2016	Year 2 2016 - 2017	Year 3 2017 - 2018	Three Year Total	PROJECT NOTES:
Design & Engineering	73.6	100.0				-	Capital Budget Project No: 09009 Engineering Project No: E11073 Finance Project No: E11073 PHASE TWO WORK: A/E Consultant: Freese Nichols Contractor: Saenz Brothers Construction Award Design: FY 2011 Begin Construction: October 2014 Anticipated Completion: October 2015 Total Project Value: \$2,258,600
Construction	678.3	1,100.0				-	
Contingency		110.0				-	
Inspection/Other	22.9	173.8				-	
TOTAL:	774.8	1,483.8				-	
Source of Funds							
Revenue Bonds	774.8	1,483.8				-	
TOTAL:	774.8	1,483.8				-	

OPERATIONAL IMPACT:

Restoration of channels and ditches and storm water conveyance systems 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 and drainage infrastructure ultimately can reduce operational cost due to reduced "emergency" responses and more costly maintenance actions during the lifecycle of the channel. The City complies with regulatory permits by using the following measures: pollution prevention, treatment or pollution removal, storm water monitoring and minimizing the introduction of pollutant into the municipal separate storm sewer system (MS4)

DEPARTMENT: Storm Water

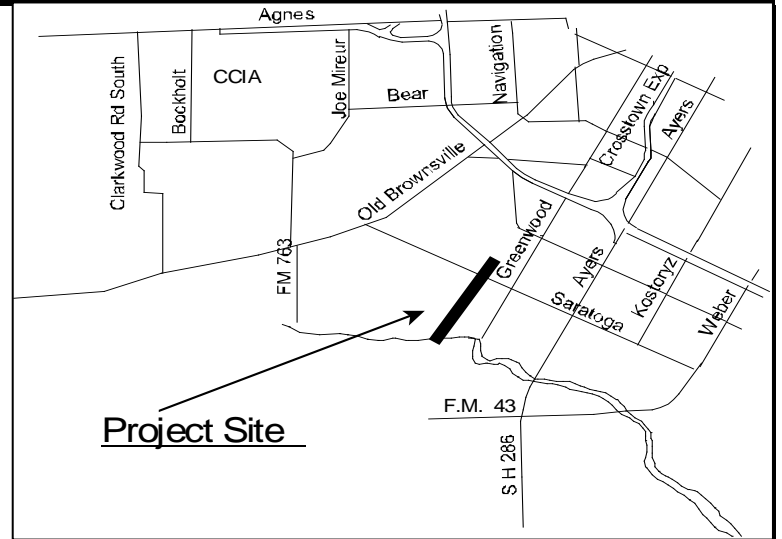
Sequence #05

PROJECT TITLE: La Volla Creek Channel Excavation (Phase 1)

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 involve the improvement of La Volla Creek that crosses SH 357 (Saratoga Blvd). The project will provide 100-year capacity for conveyance to the Oso Creek. Phase 1 Channel improvements include the removal of vegetation from the channel North of Saratoga Boulevard and channel widening South of Saratoga Boulevard.



FUNDING SCHEDULE (Amounts in 000's)

Use of Funds	Project-to-Date Obligations April 2015	Unspent Prior Budget as of May 2015	CIP Budget Year 1 2015 - 2016	Year 2 2016 - 2017	Year 3 2017 - 2018	Three Year Total	PROJECT NOTES:
Design & Engineering	365.0					-	Capital Budget Project No: 9002
Construction		2,500.0				-	Engineering Project No: E10200
Contingency		250.0				-	Finance Project No: E10200
Inspection/Other	77.1	230.7				-	A/E Consultant: Urban
TOTAL:	442.1	2,980.7				-	Contractor: TBD
Source of Funds							Award Design: December '11
Revenue Bonds	442.1	2,980.7				-	Begin Construction: February 2016
TOTAL:	442.1	2,980.7				-	Anticipated Completion: February 2017
							Total Project Value: \$3,422,800

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 ultimately can reduce operational cost due to reduced "emergency" responses and more costly maintenance actions during the lifecycle of the channel. This project also helps to relieve localized flooding along the creek.

DEPARTMENT: Storm Water

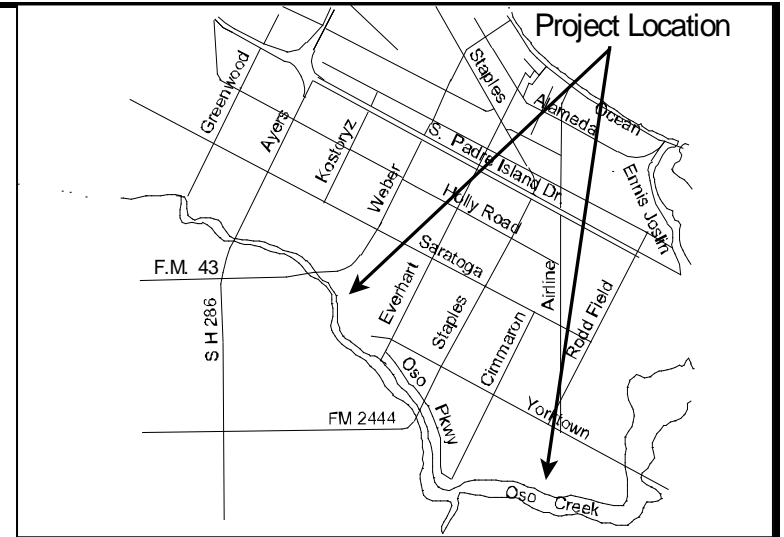
Sequence #06

PROJECT TITLE: Oso Creek Basin Drainage Relief

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 drainage profiles of Oso Creek east of the La Volla Creek confluence shows several constrictions that impact the base flood elevations upstream. This project will investigate the feasibility of construction of additional creek conveyance capacity for high flow events. If the investigation shows a significant potential to impact the base flood elevation; then construction funds will be pursued to complete the project in future years.



FUNDING SCHEDULE (Amounts in 000's)

Use of Funds	Project-to-Date Obligations April 2015	Unspent Prior Budget as of May 2015	CIP Budget Year 1 2015 - 2016	Year 2 2016 - 2017	Year 3 2017 - 2018	Three Year Total	PROJECT NOTES:
Design & Engineering	717.3	2,400.0	40.0	40.0	40.0	120.0	Capital Budget Project No: 11003
Construction			400.0	400.0	400.0	1,200.0	Engineering Project No: E10201
Contingency			40.0	40.0	40.0	120.0	Finance Project No: E10201
Inspection/Other	27.8		20.0	20.0	20.0	60.0	A/E Consultant: Naismith
TOTAL:	745.1	2,400.0	500.0	500.0	500.0	1,500.0	Contractor: TBD
Source of Funds							Award Design: December 2011
Revenue Bonds	745.1	2,400.0	500.0	500.0	500.0	1,500.0	Begin Construction: N/A
TOTAL:	745.1	2,400.0	500.0	500.0	500.0	1,500.0	Anticipated Completion: N/A
							Total Project Value: \$4,645,100

OPERATIONAL IMPACT:

There are no operational impacts until proposed improvements are completed in future years. At that point there will be additional operational cost for the maintenance of the improved drainage ways.

DEPARTMENT: **Storm Water**

Sequence #07

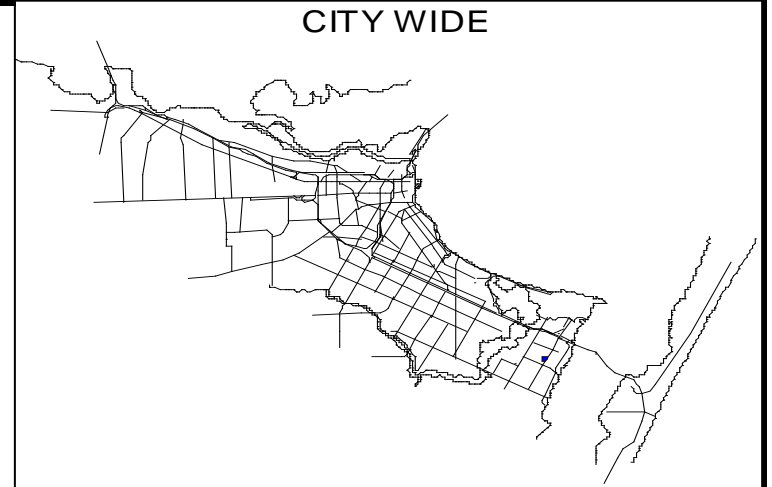
CITY WIDE

PROJECT TITLE: Unanticipated Storm Water Capital Requirements

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 programmed to support any unanticipated storm water capital requirements that may arise during the year and which have no designated funding source. This may include upgrades to storm water conveyance systems and infrastructure that are damaged after heavy rain or storm events, as well as other miscellaneous improvements.



FUNDING SCHEDULE (Amounts in 000's)

Use of Funds	Project-to-Date Obligations March 2014	Unspent Prior Budget as of April 2014	CIP Budget Year 1 2014 - 2015	Year 2 2015 - 2016	Year 3 2016 - 2017	Three Year Total	PROJECT NOTES:
Design & Engineering							Capital Budget Project No: 12004
Construction	36.6	600.0	200.0	200.0	400.0	800.0	Engineering Project No: E12193
Contingency			20.0	20.0	40.0	80.0	Finance Project No: E12193
Inspection/Other	8.9	60.5	30.0	30.0	60.0	120.0	A/E Consultant: Various
TOTAL:	45.5	660.5	250.0	250.0	500.0	1,000.0	Contractor: Various
Source of Funds							Award Design: On-Going
Revenue Bonds	45.5	660.5	250.0	250.0	500.0	1,000.0	Begin Construction: On-Going
TOTAL:	45.5	660.5	250.0	250.0	500.0	1,000.0	Anticipated Completion: On-Going
							Total Project Value: \$5,206,000

OPERATIONAL IMPACT:

Restoration of channels and ditches and storm water conveyance systems 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 and drainage infrastructure ultimately can reduce operational cost due to reduced "emergency" responses and more costly maintenance actions during the lifecycle of the channel. The City complies with regulatory permits by using the following measures: pollution prevention, treatment or pollution removal, storm water monitoring and minimizing the introduction of pollutant into the municipal separate storm sewer system (MS4)

DEPARTMENT: **Storm Water**

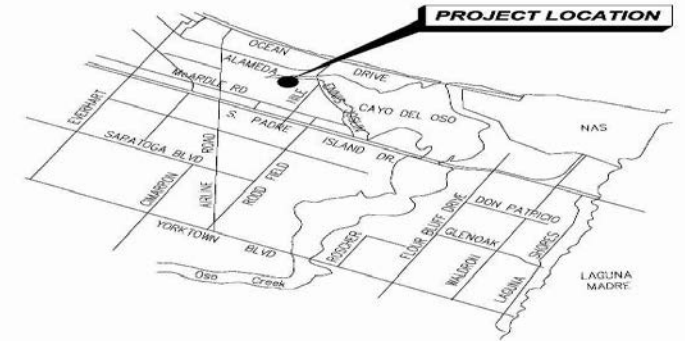
Sequence #08

PROJECT TITLE: Egyptian and Meadowbrook / USACE Mitigation

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 supports ongoing United States Army Corps of Engineers (USACE) permit monitoring and continuing mitigation associated with Meadowbrook Drainage Improvements and other projects as necessary. Work includes associated Egyptian Ditch improvements and Oso Lake monitoring in accordance with USACE requirements. Work will proceed as funding allows on a yearly basis.



FUNDING SCHEDULE (Amounts in 000's)

Use of Funds	Project-to-Date Obligations April 2015	Unspent Prior Budget as of May 2015	CIP Budget Year 1 2015 - 2016	Year 2 2016 - 2017	Year 3 2017 - 2018	Three Year Total	PROJECT NOTES:
Design & Engineering	13.2	500.0	250.0	250.0	250.0	750.0	Capital Budget Project No: 13002 Engineering Project No: E12195 Finance Project No: E12195 A/E Consultant: Belaire Environmental Contractor: TBD
Construction							
Contingency							
Inspection/Other		11.8	50.0	50.0	50.0	150.0	
TOTAL:	13.2	511.8	300.0	300.0	300.0	900.0	
Source of Funds							Award Design: October 2013
Revenue Bonds	13.2	511.8	300.0	300.0	300.0	900.0	Begin Construction: N/A
TOTAL:	13.2	511.8	300.0	300.0	300.0	900.0	Anticipated Completion: N/A
							Total Project Value: \$2,025,000

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 ultimately can reduce operational cost due to reduced "emergency" responses and more costly maintenance actions during the lifecycle of the channel. The City complies with regulatory permits by using the following measures: pollution prevention, treatment or pollution removal, storm water monitoring and minimizing the introduction of pollutant into the municipal separate storm sewer system (MS4)

DEPARTMENT: **Storm Water**

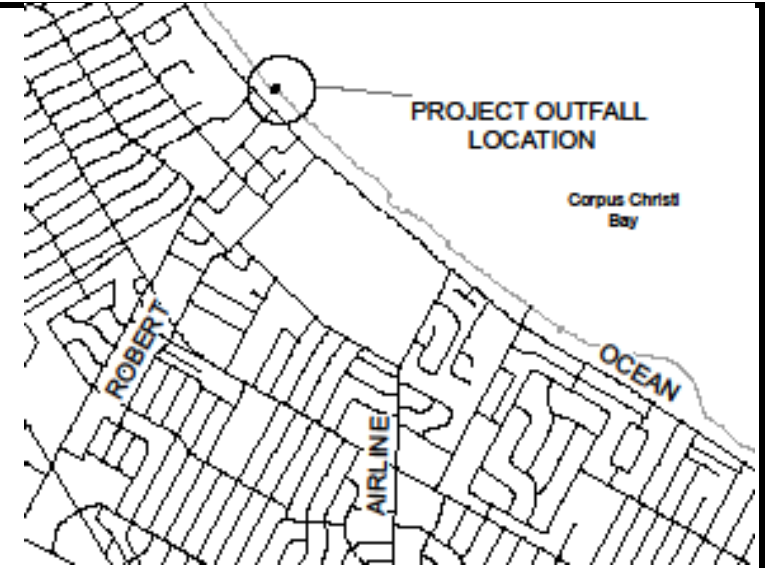
Sequence #09

PROJECT TITLE: Gollihar Outfall 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:

An assessment performed on the Gollihar Outfall in 2014 indicated repairs were needed to approximately 84 FT of concrete box culvert including seawall repairs and concrete pavement repair. Improvements to these areas will improve public safety and rehabilitate an aging storm water outfall that conveys runoff to drain into Corpus Christi Bay.



FUNDING SCHEDULE (Amounts in 000's)

Use of Funds	Project-to-Date Obligations April 2015	Unspent Prior Budget as of May 2015	CIP Budget Year 1 2015 - 2016	Year 2 2016 - 2017	Year 3 2017 - 2018	Three Year Total	PROJECT NOTES:
Design & Engineering	25.6	200.0	-			-	Capital Budget Project No: 14-001
Construction	-	1,000.0	625.0			625.0	Engineering Project No: E14039
Contingency	-	100.0	60.0			60.0	Finance Project No: E14039
Inspection/Other	-	74.4	65.0			65.0	A/E Consultant: TBD
TOTAL:	25.6	1,374.4	750.0			750.0	Contractor: TBD
Source of Funds							Award Design: FY 2015
Revenue Bonds	25.6	1,374.4	750.0			750.0	Begin Construction: FY 2016
TOTAL:	25.6	1,374.4	750.0			750.0	Anticipated Completion: FY 2016
							Total Project Value: \$2,150,000

OPERATIONAL IMPACT:

Restoration of storm water conveyance systems is critical to avoid potential "washouts" that may result in encroachment, flooding, and undermining of adjacent public/private structures including streets, bridges, utility line, building, and homes. Additionally, fully funding rehab/construction of drainage infrastructure ultimately can reduce operational cost due to reduced "emergency" responses and more costly maintenance actions during the lifecycle of the outfall.

DEPARTMENT: **Storm Water**

Sequence #10

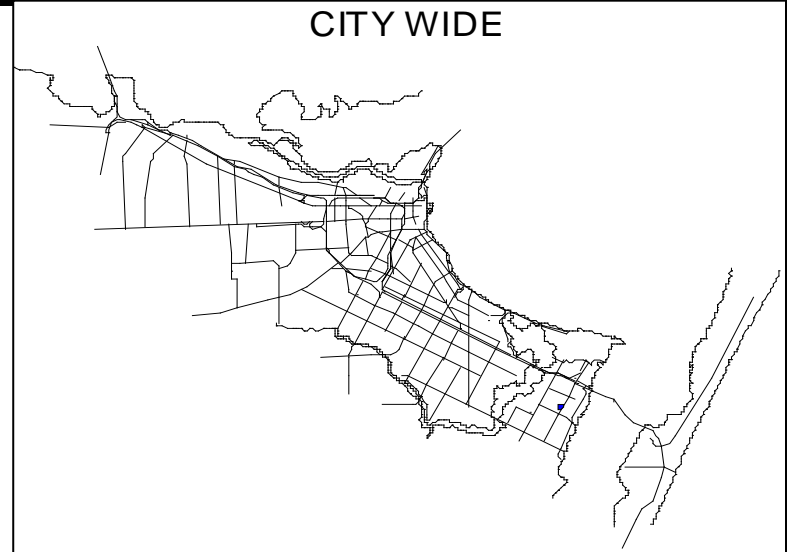
CITY WIDE

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 through-out 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.



FUNDING SCHEDULE (Amounts in 000's)

Use of Funds	Project-to-Date Obligations April 2015	Unspent Prior Budget as of May 2015	CIP Budget Year 1 2015 - 2016	Year 2 2016 - 2017	Year 3 2017 - 2018	Three Year Total	PROJECT NOTES:
Design & Engineering	194.5	75.0	67.2	67.2	67.2	201.6	Engineering Project No: E14035/E12143
Construction	403.7	1,000.0	444.0	444.0	444.0	1,332.0	Finance Project No: E14035/E12143
Contingency		75.0	44.4	44.4	44.4	133.2	A/E Consultant: ECMS
Inspection/Other	77.8	66.8	44.4	44.4	44.4	133.2	Contractor: Various
TOTAL:	676.0	1,216.8	600.0	600.0	600.0	1,800.0	Award Design: September '14
Source of Funds							
Revenue Bonds	676.0	1,216.8	600.0	600.0	600.0	1,800.0	Begin Construction: On-Going
TOTAL:	676.0	1,216.8	600.0	600.0	600.0	1,800.0	Anticipated Completion: On-Going
							Total Project Value: \$600,000 / per year

OPERATIONAL IMPACT:

Replacing rolled, damaged and failed curb and gutters improve 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 the service life and is key to minimizing future improvement costs.

DEPARTMENT: **Storm Water**

Sequence #11

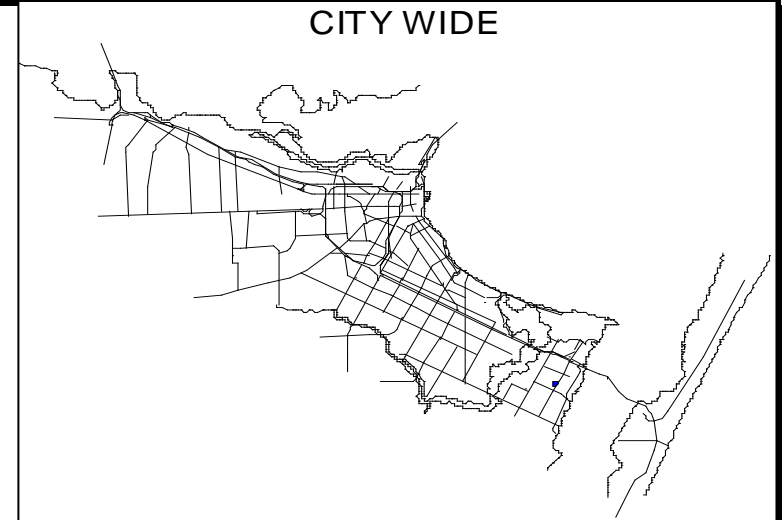
CITY WIDE

PROJECT TITLE: Minor Channel 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 box culverts, scour protection and other miscellaneous best management practices throughout the City to create a more positive drainage flow during low water conditions and rain events. These improvements will address critical upgrades to reduce flooding to public and private property, improve public safety, improve water quality, improve vector control, and reduce long-term maintenance costs. Improvements will take place on a routine basis to the extent funding allows.



FUNDING SCHEDULE (Amounts in 000's)

Use of Funds	Project-to-Date Obligations April 2015	Unspent Prior Budget as of May 2015	CIP Budget Year 1 2015 - 2016	Year 2 2016 - 2017	Year 3 2017 - 2018	Three Year Total	PROJECT NOTES:
Design & Engineering		40.0	28.0	28.0	28.0	84.0	Engineering Project No: E14041/E12198
Construction		500.0	185.0	185.0	185.0	555.0	Finance Project No: E14041/E12198
Contingency		40.0	18.5	18.5	18.5	55.5	A/E Consultant: Various
Inspection/Other		20.0	18.5	18.5	18.5	55.5	Contractor: TBD
TOTAL:		600.0	250.0	250.0	250.0	750.0	Award Design: On-Going
Source of Funds							Begin Construction: On-Going
Revenue Bonds		600.0	250.0	250.0	250.0	750.0	Anticipated Completion: On-Going
TOTAL:		600.0	250.0	250.0	250.0	750.0	Total Project Value: \$250,000 / per year

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 ultimately can reduce operational cost due to reduced "emergency" responses and more costly maintenance actions during the lifecycle of the channel. The City complies with regulatory permits by using the following measures: pollution prevention, treatment or pollution removal, storm water monitoring and minimizing the introduction of pollutant into the municipal separate storm sewer system (MS4)

DEPARTMENT: **Storm Water**

Sequence #12

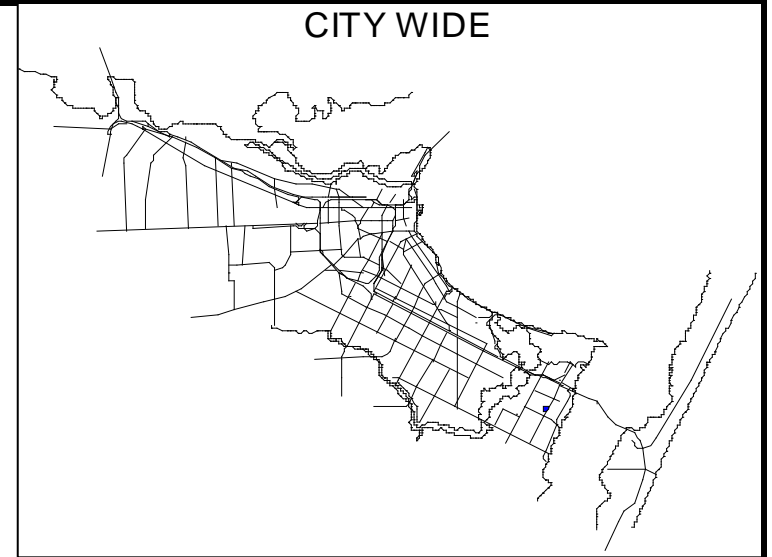
CITY WIDE

PROJECT TITLE: Storm Water Master Plan Update

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 Storm Water Master Drainage Plan included proposed improvements for drainage infrastructure design to meet the drainage criteria for future conditions. This update project provides a cost benefit analysis for the proposed improvements of the Master Plan in terms of flooding and property damage. The project will moreover include a holistic framework for sustainability by looking at the triple bottom line of economic, social and environmental benefit of the proposed improvements from the Storm Water Master Drainage Plan. This next phase builds on the Master Plan to assess return on investment for proposed improvements both in terms of economics and sustainability, and to assist in the prioritization of future major drainage improvements.



FUNDING SCHEDULE (Amounts in 000's)

Use of Funds	Project-to-Date Obligations April 2015	Unspent Prior Budget as of May 2015	CIP Budget Year 1 2015 - 2016	Year 2 2016 - 2017	Year 3 2017 - 2018	Three Year Total	PROJECT NOTES:
Design & Engineering	1,562.4	1,600.0	450.0	450.0		900.0	Capital Budget Project No: 09002
Construction						-	Engineering Project No: 2083
Contingency						-	Finance Project No: 160270
Inspection/Other	31.0	31.4	50.0	50.0		100.0	A/E Consultant: CH2MHILL
TOTAL:	1,593.4	1,631.4	500.0	500.0	-	1,000.0	Contractor: N/A
Source of Funds							Award Design: On-Going
Revenue Bonds	1,593.4	1,631.4	500.0	500.0		1,000.0	Begin Construction: N/A
TOTAL:	1,593.4	1,631.4	500.0	500.0		1,000.0	Anticipated Completion: N/A
							Total Project Value: \$4,224,800

OPERATIONAL IMPACT:

Prioritization of major drainage improvements considering level of service and return on investment could greatly impact the operating budget, but at this time the costs and / or potential savings are not available due to limited project scope.

DEPARTMENT: **Storm Water**

Sequence #13

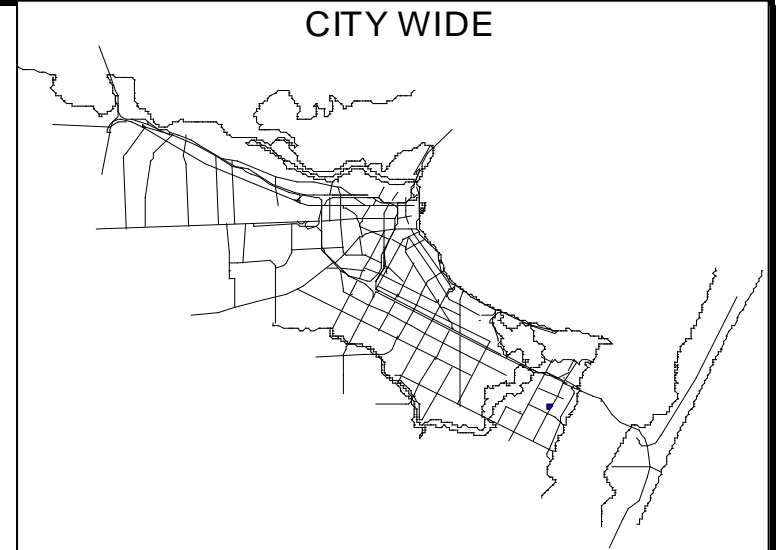
CITY WIDE

PROJECT TITLE: Major Outfall Assessment 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 current project is to provide an updated assessment, which may include the Brawner/Proctor and Gollihar outfalls and other outfalls, pending results of the initial assessment, and providing recommendations for repairs, improvements, and rehabilitation as necessary. Improvements will be implemented as funding allows.



FUNDING SCHEDULE (Amounts in 000's)

Use of Funds	Project-to-Date Obligations April 2015	Unspent Prior Budget as of May 2015	CIP Budget Year 1 2015 - 2016	Year 2 2016 - 2017	Year 3 2017 - 2018	Three Year Total	PROJECT NOTES:
Land Acquisition						-	Capital Budget Project No: 13001
Design & Engineering		66.7	33.6	33.6	33.6	100.8	Engineering Project No: E12145
Construction		440.7	222.0	222.0	222.0	666.0	Finance Project No: E12145
Contingency		44.1	22.2	22.2	22.2	66.6	A/E Consultant: HDR
Inspection/Other	11.7	36.8	22.2	22.2	22.2	66.6	Contractor: TBD
TOTAL:	11.7	588.2	300.0	300.0	300.0	900.0	Award Design: June 2014
Source of Funds							
Revenue Bonds	11.7	588.2	300.0	300.0	300.0	900.0	Begin Construction: TBD
TOTAL:	11.7	588.2	300.0	300.0	300.0	900.0	Anticipated Completion: TBD
							Total Project Value: \$300,000 / per year

OPERATIONAL IMPACT:

Restoration of channels and ditches and storm water conveyance systems 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 and drainage infrastructure ultimately can reduce operational cost due to reduced "emergency" responses and more costly maintenance actions during the lifecycle of the channel.

DEPARTMENT: **Storm Water**

Sequence #14

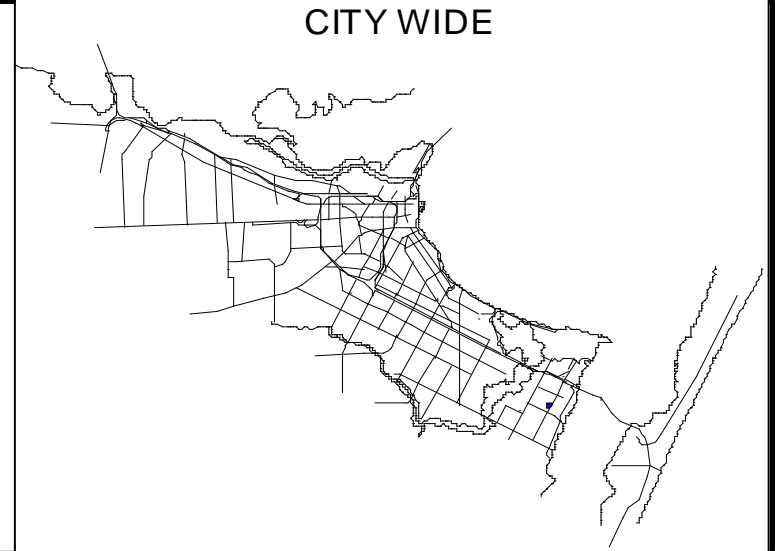
CITY WIDE

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:

The intent of this project is to develop a bridge asset management program. This project involves review of existing Texas Department of Transportation (TxDOT) On-System and Off-System Bridge and City of Corpus Christi bridge inventories and will also document the existence of other bridges that may not appear on either TxDOT or City inventories and provide a combined inventory. TxDOT On-System and Off-System inspection reports will be reviewed to develop a suggested bridge CIP program for the maintenance and recommended repairs. This project will also identify additional bridges that need to be added to the TxDOT inventory for inspection and develop a list of bridges for City inspection, and inspect city-inventory bridges.



FUNDING SCHEDULE (Amounts in 000's)

Use of Funds	Project-to-Date Obligations April 2015	Unspent Prior Budget as of May 2015	CIP Budget Year 1 2015 - 2016	Year 2 2016 - 2017	Year 3 2017 - 2018	Three Year Total	PROJECT NOTES:
Design & Engineering		950.0	550.0			-	Capital Budget Project No: 12005
Construction				400.0	400.0	800.0	Engineering Project No: E12199
Contingency				40.0	40.0	80.0	Finance Project No: E12199
Inspection/Other	0.4	49.6	50.0	60.0	60.0	170.0	A/E Consultant: RVE, Inc. (pending)
TOTAL:	0.4	999.6	600.0	500.0	500.0	1,600.0	Contractor: N/A
Source of Funds							Award Design: FY 2015
Revenue Bonds	0.4	999.6	600.0	500.0	500.0	1,600.0	Begin Construction: FY 2016
TOTAL:	0.4	999.6	600.0	500.0	500.0	1,600.0	Anticipated Completion: FY 2017
							Total Project Value: \$6,100,000

OPERATIONAL IMPACT:

Identifying and prioritizing repairs is critical to avoid potential "cave-ins" that may result in undermining of adjacent public/private structures including streets, utility lines, buildings, and homes. Additionally, fully funding rehab/construction of bridges ultimately can reduce operational cost due to reduced "emergency" responses and more costly maintenance actions during the lifecycle of the bridge.

DEPARTMENT: **Storm Water**

Sequence #15

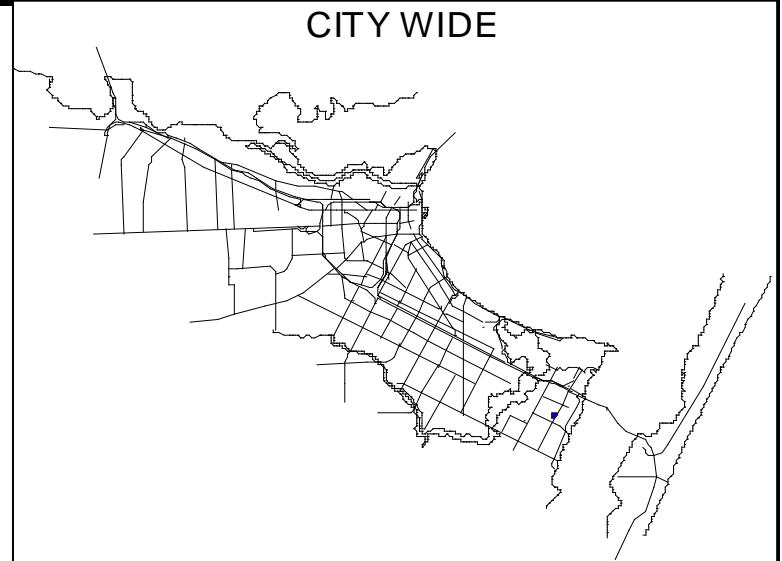
CITY WIDE

PROJECT TITLE: Developer Participation – Storm Water

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:

Under the Platting Ordinance, the City participates with developers on utility construction for over-sized main lines. These funds may also be used to address development drainage concerns. This project will provide for the City's share of such projects, as necessary, up to the approved amount.



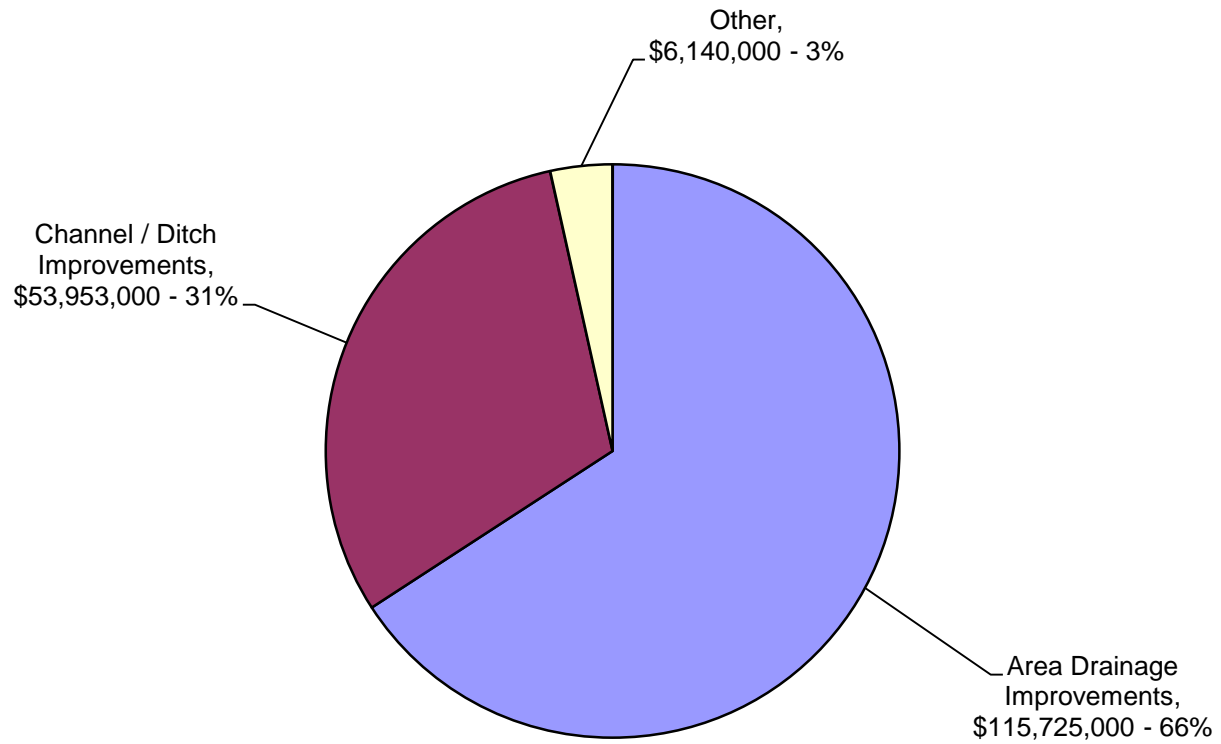
FUNDING SCHEDULE (Amounts in 000's)

Use of Funds	Project-to-Date Obligations April 2015	Unspent Prior Budget as of May 2015	CIP Budget Year 1 2015 - 2016	Year 2 2016 - 2017	Year 3 2017 - 2018	Three Year Total	PROJECT NOTES:
Design & Engineering Construction Contingency Inspection/Other		350.0	100.0	100.0	100.0	300.0	Capital Budget Project No: 13001 Engineering Project No: E12201 Finance Project No: E12201 A/E Consultant: N/A Contractor: N/A
TOTAL:		350.0	100.0	100.0	100.0	300.0	Award Design: N/A
Source of Funds							
Revenue Bonds		350.0	100.0	100.0	100.0	300.0	Begin Construction: N/A Anticipated Completion: N/A
TOTAL:		350.0	100.0	100.0	100.0	300.0	Total Project Value: \$100,000 / per year

OPERATIONAL IMPACT:

This item should increase storm water revenues through increased usage.

**Storm Water
Long-Range CIP: \$175,818.0
(Amounts in 000's)**



		Long-Range Year
1	<p><u>Ayers Street Drainage Improvements</u> \$1,100,000</p> <p>The project limits are located within the Ayers Street right-of-way from Alexander Street south to Sunnybrook Road. This section of Ayers Street is an urban arterial roadway abutting commercial developments. The drainage system on the west side of the street varies from an open, grass lined ditch between the driveways to concrete culverts with small grate inlets and headwalls at the driveway locations. The drainage system on the east side of the street varies from asphalt paved swales to storm drains with small grate inlets. Both the east side and west side drainage systems on Ayers Street carry flow to the Gollihar Road intersection, with outfall into a 6' x 6' single box culvert flowing east on Gollihar Road. Ayers Street has asphalt pavement that is in poor to fair condition. This section of Ayers Street does not have curb or sidewalks except at the Gollihar Road intersection.</p>	4, 5, 6
2	<p><u>Belaire Park Subdivision Drainage Improvements</u> \$8,500,000</p> <p>Belaire Park Subdivision is bordered by Blevins Street, Kostoryz Road, Norton Street and Annapolis Drive. The subdivision was built in the early 1940's with no underground drainage infrastructure, and drainage conveyance is by surface to inlet structures at street intersections. Curb subsidence, pavement cracking along the gutter line and silt and leaf deposit build-up in the gutter indicates area-wide ponding during minor storm events. Construction will include curb and gutter with tied sidewalk replacement or installation, curb inlets, and storm water collector pipes throughout the subdivision. Relocation of rear lot water and sanitary sewer services to the street right-of-way will be accomplished. Street pavement throughout the subdivision will be replaced. Proposed new trunk main collectors on Blevins Street and Norton Street will carry runoff from the neighborhood collector system.</p>	4, 5, 6, 7, 8, 9, 10
3	<p><u>Brighton Village Drainage Improvements</u> \$3,000,000</p> <p>The Brighton Village, Units 3 and 4, subdivision located west of Cimarron and south of Saratoga experiences significant street flooding during heavy rain events. Preliminary analyses shows that there are several contributing causes; the main one is the light hydraulic grades in the Wooldridge Staples Channel down stream of Cimarron. This project includes the widening of the Wooldridge/Staples ditch from its intersection with the Mary Carroll ditch to the 10' x 6' reinforced concrete box at Cimarron. Additional box culverts will be installed under Airline. The 'temporary' ditches between the subdivision and Saratoga will be replaced with an underground system. Land Acquisition will be included in the project. Downstream improvements to the Mary Carroll Channel are essential to the success of this project.</p>	5, 6
4	<p><u>Castle River Drainage Improvements</u> \$715,000</p> <p>Castle River Drainage Improvements: Currently this area experiences flooding during minor storm events. Two areas experience flooding, at the upstream end of the system (at McKenzie) and near the outfall of the system (at Castle Ridge). The upper end problem is lack of inlet capacity. The lower-end problem is hydraulic gradient. To resolve both areas additional storm sewer pipe and inlets would be installed. The main storm sewer would be lined to allow pressure flow.</p>	6, 7

- | | | | |
|---|---|--------------|----------------|
| 5 | <u>Central Park Subdivision Drainage Improvements</u> | \$10,500,000 | 6, 7, 8, 9 |
| | <p>This project is bordered by Carroll Lane, Brawner Parkway, South Staples Street, Weber Road and Gollihar Road. It includes developments that were built between the late 1930's through the early 1950's. Consistent throughout the project area is the lack of any underground drainage infrastructure, the presence of curb subsidence, pavement cracking along the gutter line, and silt and leaf deposit build-up in the gutters indicating area-wide ponding during minor storm events. Runoff conveyance throughout the project area is marginal and principally conveyed by surface to inlet structures at street intersections.</p> <p>Construction will include curb and gutter replacement, selected driveway entrance replacement, and localized separated sidewalk replacement throughout the project area. Relocation of rear lot water and sanitary sewer services to the street right-of-way will be accomplished. Street pavement throughout the subdivision will be replaced. Parallel (with existing) trunk main collectors will be installed on Weber Road and South Staples Street to carry runoff from individual street storm sewer pipe extensions.</p> | | |
| 6 | <u>Chula Vista Area Drainage Improvements</u> | \$1,925,000 | 6, 7 |
| | <p>Chula Vista is bordered by Horne Road, Prescott Street, Gollihar Road and Greenwood Drive. Currently, this subdivision experiences flooding and standing water even during minor storm events. Outfall of the system is either west to a 5'x5' box culvert that terminates at Airport Ditch, or east to an existing 8'x6' box culvert under Horne Road that ultimately outfalls into Corpus Christi Bay. Construction will include storm sewer pipe extensions to drain the subdivision. Additional inlets and replacement of deteriorated curb and gutter, driveways and sidewalk will also be included. Existing water and sewer lines are old, waterlines are undersized, and both are located within inaccessible, overgrown, and fence-obstructed "paper" alleyways behind neighborhood homes. Since neighborhood streets will be under construction for the storm drain project, an opportunity to concurrently upgrade, upsize and relocate water and sewer lines to the street right-of-way will be taken.</p> | | |
| 7 | <u>Cimarron Drainage Concrete Pilot Channel</u> | \$1,178,000 | 4, 5, 6 |
| | <p>The project area lies in the southern portion of the City, south of Yorktown Blvd and east of Cimarron Blvd. The project specifically addresses approximately one mile of the channel south of Bill Witt Park to Oso Creek. The existing channel experiences severe erosion, creating water quality problems in the Oso and constant maintenance problems along the channel. This project proposes to regrade, stabilize and use concrete lining for the ditch section to improve drainage, reduce siltation and environmental concerns with water quality.</p> | | |
| 8 | <u>CC Beach Drainage - Timon, Rincon Channel, CC Bay</u> | \$5,000,000 | 6, 7, 8, 9, 10 |
| | <p>The project area lies between Corpus Christi Bay, Rincon Point, Breakwater Avenue, and West Causeway Boulevard. The area south of Breaker Avenue is divided by Highway 181 which runs south to north. The area is commercial and residential. Approximately 70 percent of the project area does not have curb and gutter. The two (2) trunk mains, east of Surfside Boulevard, are adequately sized for the five year storm event.</p> | | |
| 9 | <u>Comfort Inn @ US77</u> | \$500,000 | 5 |
| | <p>The continued development along US77 has created excess surface flows that require increased underground drainage structures.</p> | | |

- | | | | |
|----|---|---------------------|------------|
| 10 | Club Estates, Phase II (Box Culvert Extension to Everhart) | <u>\$500,000</u> | 4 |
| | <p>The project area lies in the southern portion of the City, along Everhart. The present ditch cross-section has steep side slopes confined to a narrow 90-foot right of way. The ditch is prone to erosion and slope failures. This project proposes to install an underground system in the same ROW and widen areas where sufficient ROW exist.</p> | | |
| 11 | Concrete Lined Channel Rehabilitation: Airport Ditch | <u>\$1,300,000</u> | 4, 5, 6 |
| | <p>Numerous major channels are constructed with concrete-lined sections for structural integrity for the channel and to accommodate excessive storm water flow velocities. This project provides rehab to critical sections to extend the design life and maintain the drainage flow line. The project is planned over multiple years to allow for design and construction in phases as funding allows. The most immediate need is rehab of the Airport Ditch which is the City's largest concrete ditch extending from approximately Saratoga to just north of Horne Road. The concrete-lined portion of Airport Ditch requires major rehab where erosion has undermined structural integrity. Additional phases will continue as funding allows.</p> | | |
| 12 | Crestmont Subdivision Area Drainage Improvements | <u>\$3,300,000</u> | 6, 7, 8 |
| | <p>The scope of this project encompasses the section of Crestmont Subdivision that is bound by Holly Road (north), Kostoryz Road (east), Persimmon Street (south), and the Richter Ditch (west). This project consists of alleyways that are in deteriorated condition due to poor drainage. The asphalt pavement in the alleys has failed due to heavy vehicular traffic, which has caused the upheaval of the concrete curb and gutter. The existing storm water infrastructure consists of inlets located in the streets, which drain into the Richter Ditch or into the pipe network under Kostoryz Road. Construction will include storm sewer pipe extensions to drain the alleyways. Additional inlets and replacement of deteriorated curb and gutter, driveways, and pavement will be included. The new network will tie into the system that drains to the Richter Ditch or to the 66" pipe under Kostoryz Road. Additionally, due to the heavy vehicular load on the alleyway pavement, the alleys will be replaced with concrete to minimize the recurrence of upheaval of the curb and gutter.</p> | | |
| 13 | Cullen Place Subdivision Drainage Improvements | <u>\$3,300,000</u> | 6, 7, 8 |
| | <p>This area is generally bordered by Airline, Cullen Ditch, Sheppard St. and McArdle Rd. and is characterized by surface runoff with little underground storm sewer pipe. Improvements will include additional underground storm sewer pipe, removal and replacement of selected sections of curb and gutter and additional outfall capacity.</p> | | |
| 14 | Cupier/Portairs/Edgewood Park Drainage Improvements | <u>\$10,000,000</u> | 6, 7, 8, 9 |
| | <p>The Cupier/Portairs/Edgewood Park project area is located east of the Crosstown Expressway, bounded on the north by Horne Road, the east by Kostoryz Road, the south by Gollihar Road, and the west by Ayers Street. Currently, the area experiences flooding and standing water during minor storm events due to lack of underground drainage infrastructure. Drainage conveyance is by surface to street intersection inlets in the area street boundary (i.e. Horne Road, Kostoryz Road, Gollihar Road and Ayers Street). The project area is in two phases, by drainage sub-basin east to west divided along Alexander Street. Construction will include curb and gutter with tied sidewalk replacement, local separated sidewalk and driveway entrance replacement, curb inlets and storm water collector pipes throughout the project area. Relocation of rear lot sanitary sewer services to the street right of way is included in the project scope. Street pavement throughout the area will be replaced. Proposed trunk main collector on Cupier Street and Ramsey Street will carry neighborhood runoff to the Brawner Parkway drainage system as part of Phase 1.</p> <p>In Phase II, proposed neighborhood collectors between Kilgore Street and Ivy Lane will tie into the Gollihar Road box culvert.</p> | | |

15	<u>Ditch / Channel Regrading, Excavation and Clearing</u>	<u>\$1,225,000</u>	4, 5, 6, 7, 8, 9, 10
	This yearly project will involve minor re-contouring, excavation, clearing and other various improvements to ditches and channels throughout the City to create a more positive drainage flow during low water conditions and rain events. Improvements will take place on a routine basis to the extent funding allows.		
16	<u>Drainage Channel Excavation – Clarkwood Ditch from Hwy 44 to Oso Creek</u>	<u>\$5,250,000</u>	4, 5, 6
	The Clarkwood Ditch was initially constructed with steep side slopes with a capacity of less than a 25 year frequency storm. Since development has been slow in this area, siltation has occurred further reducing the capacity and slope failures in various areas. This project will provide a cross-section with 4:1 side slopes and a 25-year frequency capacity. Bottom stabilization and seeding will also be provided.		
17	<u>Drainage Channel Excavation - LaVolla Creek/Margaret Kelley Channel Improvements</u>	<u>\$17,500,000</u>	7, 8 11 - 15
	This project will involve the improvement of La Volla Creek that crosses S.H. 357 (Saratoga Blvd.) under a new bridge structure proposed by the Texas Department of Transportation. The project will include the acquisition of right-of-way as required and permits necessary to realign and provide channel enhancements to La Volla Creek, both north and south of Saratoga Boulevard to Oso Creek. The project will provide 100-year capacity in the channel. This project also includes cleaning and grading of the Saratoga Downs Ditch and Airport Ditch. Phase I includes the removal of vegetation from the channel in the vicinity and upstream of the bridge. Phase II includes the balance of the channel improvements.		
18	<u>Drainage Channel Excavation - Master Channel No. 29</u>	<u>\$2,200,000</u>	6, 7, 8
	Drainage Channel No. 29 was initially constructed with 2.5:1 side slopes and had a capacity of less than a 25 year frequency storm. Since development has been slow in this area, siltation has occurred further reducing the capacity. This project will provide a cross-section with 4:1 side slopes and a 25-year frequency capacity (Tributary area <500 acres). Bottom stabilization and seeding will also be provided.		
19	<u>Drainage Channel Excavation - Master Channel No. 31</u>	<u>\$500,000</u>	4
	Master Channel 31 was constructed in various phases in conjunction with the development in the area. The side slopes and bottom are severely eroded resulting in poor drainage and encroachment of ditch outside of the City ROW. This project will provide critical improvements to restore and improve the drainage profile and include erosion control measures such as side slope stabilization, soil treatment, vegetative cover and other best management practices. This project is planned in multiple phases as funding allows.		
20	<u>Ebony Acres Subdivision Drainage Improvements</u>	<u>\$2,500,000</u>	5, 6
	The Ebony Acres project area is bounded by North Padre Island Drive on the east, IH-37 to the north, Corn Products Road to the west, and Leopard Street along the south. The "Weil Ditch" conveys storm water flows from the area; the upstream end begins just south of Leopard Street and the outfall is to a multiple box culvert (3 - 5' x 4') under IH-37. The project addresses the Weil Ditch conveyance system by replacement of the open channel with a reinforced concrete box system: 2 – 10' x 2' box culverts from Leopard to Hampshire; 2 – 10' x 4' box culverts from Hampshire to Horizon; and 3 – 10' x 4' box culverts from Horizon to I-37. Work also includes filling the existing ditch and connecting existing storm sewer outlets to the closed system.		

21	Greenwood Park Area Drainage Improvements	<u>\$3,300,000</u>	6, 7, 8
	<p>The boundaries of Greenwood Park subdivision are Sycamore Place (north), Castenon Street (east), Trojan Drive (south), and Greenwood Drive (west). Currently, this subdivision experiences flooding and standing water even during minor storm events. The existing storm water infrastructure consists of a pair of inlets located at the western end of each street, which drain into the pipe network under Greenwood Drive. The storm sewer systems under Greenwood Drive and Trojan Drive combine at the intersection of these two streets, and outfall to Airport Ditch to the west through a 6' x 6' box. Construction will include storm sewer pipe extensions to drain the subdivision. Additional inlets and replacement of deteriorated curb and gutter, driveways, and sidewalk will be included. The current capacity of the storm sewer system under Greenwood Drive and Trojan Drive is inadequate and will require additional conveyance capacity.</p> <p>Phase One of this project has been completed. Phase Two consists of the upgraded system under Greenwood Drive and includes the connector pipes to the neighborhood streets, which the neighborhood network will tie into. Phase Three includes the entire neighborhood system; streets draining this area are Blackjack Place, Sycamore Place, Birch Place, Hemlock Place, Hickory Place, and Bois D'Arc Place.</p>		
22	Gollihar Drive System - Ayers to Ocean Drive	<u>\$500,000</u>	4
	<p>This project provides for the upgrade of the Gollihar Road drainage system to convey the discharge of a 100-year frequency rainfall event. The existing underground storm drain system is approximately 40 years old and begins at Prescott Street, runs along Gollihar Road to Marie Street, turns and continues to the northeast crossing Staples Street, Alameda Street, and Ocean Drive, to outfall into Corpus Christi Bay. The system is undersized and cannot convey the discharge from storms of any significant magnitude.</p>		
23	Herford Road Storm Drainage Improvements	<u>\$500,000</u>	5
	<p>The boundaries of this project are Leopard Street on the north, Agnes Street on the south, McBride Street on the east, and Highway 358 on the west. Herford Road runs south to north approximately in the center of this mainly industrial area. The existing drainage is into ditches on either side of Herford Road, which drain to a single 18" pipe near the south end of the area. This pipe runs east and ties into a storm drainage system on McBride Street. Construction includes replacement of existing ditches with closed conduits (approximately 4,000 linear feet on the east and west ROW of Herford Road between Agnes Street and Leopard Street). A 66" diameter, 750' long trunk main collector will cross Leopard Street and connect to an existing 6' x 5.5' box culvert at the McBride Lane intersection.</p>		
24	Downtown Drainage Improvements, Phase 3 (Hughes St. Pump Station Interceptor & Discharge)	<u>\$25,500,000</u>	11 - 15 Not Included in Total
	<p>Phase 3 is the final design phase to alleviate the flooding in the Arena and Port areas. This project is being phased into three parts including: Phase 3A – Construction of a new automated pump station to screen and pump approximately 1,100 CFS of storm water to the Ship Channel; Phase 3B - Hughes Street Box Culvert and Pump Station Discharge, construction of 220 linear feet of twin 6' x 5' box culvert to collect storm water from the ditch located west of the Harbor Bridge and deliver it to the new Hughes Street Pump Station and from the new Hughes Street Pump Station to the Ship Channel; Phase 3C Mesquite Street Box Culvert – construction of 3 box culverts to divert flows from Power Street Pump Station to the new Hughes Street Pump Station. Construction will take place over several years as funding allows.</p>		

- | | | | |
|----|---|--------------------|-------------------------|
| 25 | Inwood Village Area Drainage Improvements | <u>\$5,500,000</u> | 6, 7, 8 |
| | <p>The Inwood Village subdivision is bounded by Gollihar Rd, Crosstown Expressway, Trojan Dr. and Prescott St. Although there are underground storm sewers in Prescott, Vestal, and Garden Dr., drainage in the area is predominately surface flow along the gutters. The pavement of the area streets is in fair to good condition. However, the gutters are uneven with many sunken or heaved areas. This project will add additional internal drainage, full pavement replacement and ½ curb and gutter and driveway replacement is included. The bulk of this area drains to the upstream end of the Gollihar system. Improvements in the form of increased capacity are needed to that system in order for the drainage systems in this area to function properly.</p> | | |
| 26 | Lamar Park Subdivision Area Drainage Improvements | <u>\$2,750,000</u> | 6, 7, 8 |
| | <p>This area is bordered by Santa Fe, Everhart, Alameda and Brawner Parkway and is characterized by surface runoff with little underground storm sewer pipe. The area drains from Alameda toward Santa Fe. Extension of the under ground storm sewer system into the subdivision will be necessary to reduce gutter flow distances. Improvements will also include removal and replacement of selected sections of curb and gutter and additional outfalls.</p> | | |
| 27 | Lindale Phase II Neighborhood Drainage Improvements | <u>\$1,500,000</u> | 4, 5, 6 |
| | <p>The Lindale Area Subdivision experienced frequent flooding during nominal rain events. Previous phases of this project extended a large underground box culvert from Shoreline to Reed Drive. This phase of the project provides for extension of the drainage trunk main and new laterals with inlets to reduce flooding.</p> | | |
| 28 | Lindale Senior Center Drainage Improvements, Phase 3 | <u>\$1,500,000</u> | 4, 5, 6 |
| | <p>Lindale Drainage Phase 3A will provide drainage relief for the next phase of the Lindale Area Drainage Improvements. The project will result in the drainage improvements to serve McCall Street and the Lindale Senior Center. Drainage will connect to previously installed drainage improvements on Reid Street that drain into the Alameda Drainage Basin. The project will result in the installation of 24-in, 30-in, 36-in and 48-in RCP storm water mains, manholes, inlets, McCall Street reconstruction, water system improvements, curb ramps, sidewalks, driveway ramps, and other improvements necessary to</p> | | |
| 29 | Major Ditch Improvements | <u>\$7,000,000</u> | 4, 5, 6,
7, 8, 9, 10 |
| | <p>The City has approximately 100 miles of major ditches. As part of the programmatic approach to implement lifecycle improvements this project will identify and prioritize ditch improvements to include regrading, slope recontouring and stabilization, pilot channels and concrete lining upgrades and other best management practices. These 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.</p> | | |
| 30 | Mansheim Area Drainage Improvements | <u>\$6,650,000</u> | 4, 5, 6,
7, 8, 9 |
| | <p>The Mansheim Area Subdivision experienced frequent flooding during nominal rain events. Previous phases of this project extended the underground trunk main system to Mansheim Road. This phase of the project provides for extension of the drainage trunk main and new laterals with inlets to reduce flooding.</p> | | |

31	<u>Magee Drainage Ditch Improvements</u>	<u>\$1,000,000</u>	4
	<p>The project limits of the Magee Drainage Ditch Improvements extend from Up River Road approximately 2500 feet north to the Nueces River, and from Sharpsburg Road approximately 1500 feet east to Magee Lane. The project vicinity includes the area designated as the Pollywog Pond Nature Sanctuary (PPNS). Magee Ditch begins at the box culvert outfall on the north side of Interstate Highway 37, and carries the flow north from this point toward Up River Road. Homeowners in the area have reported repeated incidents of flooding on their property due to backwater in Magee Ditch and additional floodwater coming from the west along the south border of PPNS toward Magee Ditch. The floodwater is reportedly coming from overtopping of the Railroad Ditch. A new grass lined ditch is proposed between the Railroad Ditch and Magee Ditch, along the south border of the PPNS and north of the gas pumping station and wastewater lift station. The direction of flow will be east. A concrete spillway is proposed to feed overflow from the Railroad Ditch into this new ditch.</p>		
32	<u>McNorton Channel Improvements, Phase 2</u>	<u>\$7,000,000</u>	4, 5, 6, 7, 8, 9
	<p>McNorton Subdivision is located south of Leopard Street, east of Rand Morgan Road, and west of Clarkwood Road. Phase I, McNorton Channel improvements, were completed under a previous project. Phase II of the project improves the inlet section of the 30" RCP that drains the area north of the subdivision. The pipe runs under Blanco Road and outfalls into McNorton Ditch. The inlet has an end treatment which has been collecting trash and debris from the agricultural field located north of the subdivision; when plugged, the water spills over the embankment and floods the nearby homes. To relieve inlet plugging, three debris deflectors will be installed. Construction will include excavation to widen the channel to the north of the existing inlet, and to construct a swale between lots 1 and 25 on the northern side of McNorton Road.</p>		
33	<u>Meadowbrook Subdivision Drainage Improvements</u>	<u>\$1,000,000</u>	6, 7, 8, 9
	<p>The Meadowbrook Subdivision experiences flooding during nominal rain events. Work could include the extension of the drainage trunk main and new laterals with inlets to reduce flooding.</p>		
34	<u>Minor Storm Drainage Improvements</u>	<u>\$2,800,000</u>	4, 5, 6, 7, 8, 9, 10
	<p>The City has approximately 14 miles of minor ditches. As part of the programmatic approach to implement lifecycle improvements this project will identify and prioritize ditch improvements to include regarding, slope re-contouring and stabilization, pilot channels and other best management practices. These improvements will address critical upgrades to reduce flooding to public and private property, improve public safety, improve water quality, improve vector control, and reduce long-term maintenance costs. This is a yearly program that addresses areas to be improved as funding allows.</p>		
35	<u>Oso Place Subdivision Drainage Improvements</u>	<u>\$4,800,000</u>	7, 8, 9, 10
	<p>This area is generally bordered by Whitaker St. Oso Golf Course, Woodlawn St., and McArdle Rd. and is characterized by surface runoff with little underground storm sewer pipe. Improvements will include additional underground storm sewer pipe, removal and replacement of selected sections of curb and gutter and additional outfall capacity.</p>		
36	<u>Parkdale Village Subdivision Drainage Improvements</u>	<u>\$3,300,000</u>	7, 8, 9
	<p>This subdivision is bounded by Gollihar Rd., Mildred St., Totton St., and French St. The area is characterized by surface runoff with minimal underground drainage systems. This project will install addition drainage systems to relieve the existing system and provide adequate system capacity.</p>		

37	<u>Ramfield Road Drainage Improvements</u>	<u>\$150,000</u>	4
	A minimal drainage system consisting of shallow roadside ditches and a natural swale across private property currently serve this area. Improvements proposed include excavation of a channel to serve the area as well as underground pipe system to drain the roadside ditches to the new channel. Drainage easements to accommodate the new improvements will be required.		
38	<u>Reflections Park Drainage Improvements</u>	<u>\$275,000</u>	4, 5
	The existing drainage system is comprised of open channels/ditches with some underground drainage systems. The open ditches experience severe erosion creating problems in the park and drainage problems upstream.		
39	<u>Sam Houston Subdivision Drainage Improvements</u>	<u>\$9,600,000</u>	7, 8, 9, 10
	Sam Houston Subdivision is bordered by Norton Street, Kostoryz Road, Brawner Parkway and Ramsey Street. The subdivision was built in the early to mid 1950's with no underground drainage infrastructure, and drainage conveyance is by surface alone to inlet structures at street intersections. Curb subsidence, pavement cracking along the gutter line and silt and leaf deposit build-up in the gutter indicates area-wide ponding during minor storm events. Construction will include curb and gutter with tied sidewalk replacement or installation, driveway entrance replacement, curb inlets, and storm water collector pipes throughout the subdivision. Relocation of rear lot water and sanitary sewer services to the street right-of-way will be accomplished. Street pavement throughout the subdivision will be replaced. Underground storm sewer pipe extension to the north will connect to the Norton Street trunk main at street intersections from Wynwood to Brentwood Drive. A similar underground storm sewer pipe extension system will drain the subdivision to the south. Extensions of pipe will connect the Brawner Ditch box culvert at each street intersection between Wynwood and Brentwood.		
40	<u>Schanen Ditch Improvements</u>	<u>\$7,000,000</u>	4, 5, 6, 7, 8, 9, 10
	The existing profile of Schanen Ditch exceeds the recommended slope of 4:1 and maximum of 3:1. This is resulting in major slope stabilization failure in multiple areas near the Yorktown Bridge. The work includes major ditch improvements with excavation/backfill to widen and create 3:1 side slopes with stabilization matting, new culvert and outfalls, riprap and ditch bottom improvements, seeding, irrigation adjustments, traffic controls, dewatering and miscellaneous items according to the plans and specifications.		
41	<u>Solar Estates Drainage Improvements</u>	<u>\$20,000,000</u>	11-15 Not Included in Total
	Solar Estates Subdivision which was built in the 70's is located south of IH 37, east of Rand Morgan Road and north of Leopard Street. Drainage conveyance for this subdivision is characterized by surface flow with no underground drainage infrastructure. Currently, the subdivision experiences flooding and standing water even during minor storm events. Existing outfall is either south to a roadside ditch along Leopard Street or north to an existing box culvert under IH 37, with existing inlets and storm drain pipe servicing each outfall. A hydraulic analysis is necessary to determine the conveyance of surface flow through underground storm drainage pipes and possible additional outfall capacity to existing roadside ditches. Future construction will include storm sewer pipe extensions, additional inlets, replacement of deteriorated curb and gutter, driveways and sidewalk.		

42	Support of Downtown Redevelopment Projects - Storm Water Line Adjustments	\$350,000	4, 5, 6, 7, 8, 9, 10
	<p>This project is programmed to support redevelopment in the Downtown area. As projects in the downtown area materialize, this project will provide required funding to complete the storm water component. Work could include curb and gutter replacements, new inlets and underground drainage pipes, as necessary and as funding allows.</p>		
43	Unanticipated Storm Water Requirements	\$700,000	4, 5, 6, 7, 8, 9, 10
	<p>These are the storm water funds to be made available on a yearly basis for unanticipated projects or emergencies.</p>		
44	Utica Street Drainage Improvements	\$900,000	4, 5
	<p>This area is prone to frequent flooding with nominal storm events. The drainage system requires increased capacity for the inlets and underground system.</p>		
45	Utility Developer Participation - Storm Water	\$2,450,000	4, 5, 6, 7, 8, 9, 10
	<p>Under the Platting Ordinance, the City participates with developers on utility construction for over-sized main lines. This project will provide for the City's share of such projects as necessary up to the approved amount.</p>		
46	Utility Building Expansion	\$1,490,000	4, 5
	<p>This project will provide a facility assessment and space utilization study for the Utility Building. To support the continued growth of the City, new regulatory requirements combined with the increased demands with an aging infrastructure, and increased responsibilities, has forced the operating departments to increase staff. The existing facility is now insufficient to support the operational needs of the departments. The current facility negatively impacts mission, quality of life and personnel safety, and increases operational costs. The departments are forced to assign staff to other City buildings, procure off-site rental space, use "Temporary" trailers since 2004, and sacrifice equipment staging area for these trailers.</p>		
47	Village on the Green Area Drainage Improvements	\$3,100,000	4, 5, 6, 7, 8, 9, 10
	<p>Village on the Green is located north of Bear Lane and west of Navigation Boulevard. Currently, this subdivision experiences flooding and standing water during minor storm events. The subdivision was built in the early 1970's with no underground drainage infrastructure, and drainage conveyance is by surface to shallow concrete swales at the end of sixteen cul-de-sacs. These sixteen swales drain to overland swales or post inlets located in common areas behind and between the lots. The post inlets convey the water through existing 18" and 36" reinforced concrete pipes, and outfall to the Enterprise Drainage Ditch, which runs along the western edge of the development. The majority of the curb and gutter and driveway entrances have settled, contributing to significant ponding and pavement deterioration throughout the subdivision. Construction will include storm sewer pipe extensions, additional inlets, and replacement of deteriorated curb and gutter and driveways. One major trunk line (21" - 60") will be added (Phase I), and the two existing trunk lines will be upgraded in capacity (15" - 36" and 27" - 48") and extended further upstream than the current reach.</p>		

48	West Broadway Drainage Improvements	<u>\$1,000,000</u>	4
	<p>A 42-inch diameter line crosses W. Broadway at Cabra St. This line previously drained into a swale along a railroad spur line to Talcahuano St. With the removal of the spur line and abandonment of the railroad right of way, the property owner has filled in the swale. Water from this pipe now flows into the Broadway Treatment Plant property causing flooding problems. Phase I will extend a pipe from West Broadway to the existing 36-inch line at Resaca and US 181 Right of way. Phase II will provide a parallel line along Resaca from US 181 to the Trunk Main in Water St.</p>		
49	Williams Drive Channel Improvements	<u>\$8,000,000</u>	11 - 15 Not Included In Total
	<p>This project will increase the drainage outfall capacity east of Rodd Field Road/Williams Street intersection to the Cayo Del Oso Development in the tributary area. Improvements to the Williams Drive storm sewer system, as part of a street improvement project, will generate additional storm water flows. The channel will be widened to accommodate a 100-year frequency storm. The concrete apron at the Rodd Field Road storm sewer box will be extended to provide erosion protection. Right of way acquisition is a major part of this project. Phase I is the design and survey. Phase II is the right of way acquisition and construction.</p>		
50	Williams Drive Outfall Project (Construction)	<u>\$3,750,000</u>	4
	<p>This project is part of the Bond 2008 Williams Drive Project and is necessary to accommodate the projected storm water flows. This project provides for the "off-site" drainage improvements required to convey the storm water from the project site to the receiving outfall waters. These improvement are necessary to move the additional flows associated with the street and other storm water improvements such as curb & gutter, inlets and underground drainage.</p>		
51	Willow/Brawner Parkway/Proctor Channel Outfall, Phase I	<u>\$5,760,000</u>	4, 5, 6
	<p>The Gollihar Storm Box System and Brawner Parkway/Proctor Channel Systems have combined drainage of over 5,000 acres. A previous study of this system established the need for a phased approach to interconnect adjacent basins to relieve the excess flows and improve overall drainage.</p>		
52	Windsor Park/Claremont Subdivision Drainage Improvements	<u>\$11,200,000</u>	7, 8, 9, 10
	<p>This area is generally bounded by Alameda, Airline, Gollihar and Everhart and is characterized by surface runoff with little underground storm sewer pipe. A hydraulic analysis is indicated to determine the extent of underground pipe necessary and the capacity of the existing outfall(s) for the area. Improvements will include additional underground storm sewer pipe and additional outfall capacity. Reconstruction of streets within the Windsor Park Subdivision will be necessary to achieve proper drainage.</p>		

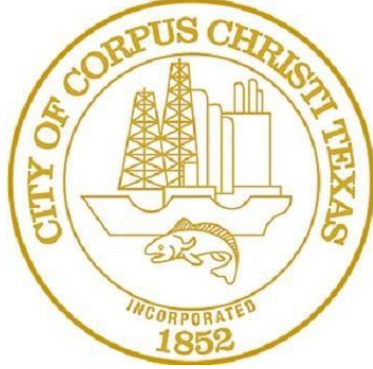
TOTAL FUTURE CAPITAL IMPROVEMENT NEEDS:

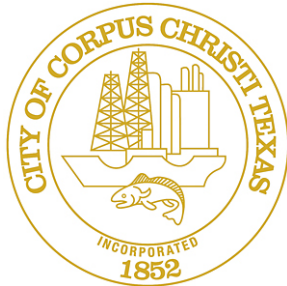
\$175,818,000



WATER SUPPLY

Obligation to the Future





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 supply sources. Corpus Christi's primary water supply 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 through Lake Texana via the Mary Rhodes Pipeline. The Mary Rhodes Pipeline was completed in September, 1998 and extends 101 miles from Lake Texana, near Edna, Texas. The pipeline delivers water to the ON 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 routing transmission facilities from the Colorado River to the Mary Rhodes Phase 1 Pipeline at a point just downstream of Lake Texana. In February 2014, two construction contracts were awarded to complete the Mary Rhodes Water Supply Pipeline, Phase 2. This project is anticipated to be complete in early Fiscal Year 2016.

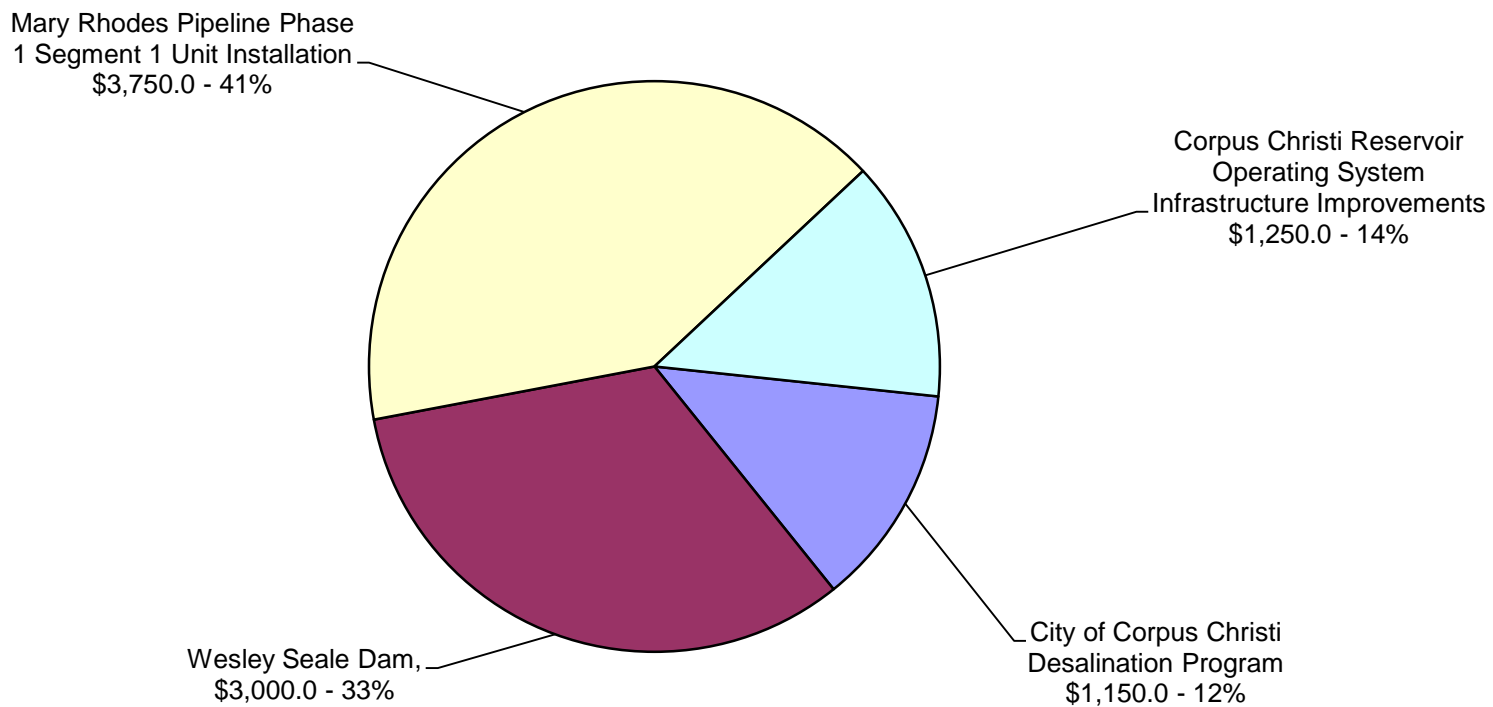
A second project to ensure the City's future water supply is the City of Corpus Christi Desalination Program. This project consists of three phases and will result in a Demonstration Project to site, construct and implement a test desalination plant operating at 200,000 gallons per day. The assessment will be on-going for just over 2 years and the information will be shared with various interested agencies. The City has received one grant to subsidize the project and is in the process of identifying and applying for additional grants to share in the pilot project cost.

Additional water supply projects to upgrade and protect equipment are planned for both the Choke Canyon and Wesley Seale Dams. If the City Council decides to proceed with a regional wastewater treatment plant, a project to provide additional effluent from the Greenwood Wastewater Treatment Plant to the refineries at Up River Road is included to subsidize the City's Water Supply to industrial customers.

A recap of the budgeted expenditures includes:

EXPENDITURES:	YEAR ONE 2015 – 2016	YEAR TWO 2016– 2017	YEAR THREE 2017 – 2018
TOTAL PROGRAMMED EXPENDITURES:	\$ 9,150,000	\$ 10,061,300	\$ 9,781,300
FUNDING:			
Raw Water Supply Fund	\$ 1,150,700	\$ 120,000	\$ 40,000
New Debt (Revenue Bonds)	\$ 8,000,000	\$ 9,941,300	\$ 9,741,300
TOTAL PROGRAMMED FUNDS:	\$ 9,150,000	\$ 10,061,300	\$ 9,781,300

**Water Supply
Annual CIP: \$9,150.0
(Amounts in 000's)**



Seq #	Project Name	Project-to-Date Obligations April 2015	Unspent Prior Budget as of May 2015	CIP Budget Year 1 2015 - 2016	Year 2 2016 - 2017	Year 3 2017 - 2018	Three Year Total
WS 01	Mary Rhodes Water Supply Pipeline, Phase 2 Finance and Engineering Number: E10008	150,835.7	16,570.5	-	-	-	-
WS 02	City of Corpus Christi Desalination Program Finance and Engineering Number: E13063	979.1	1,380.0	1,150.0	120.0	40.0	1,310.0
WS 03	Choke Canyon Dam Spillway Gate Rehabilitation Finance and Engineering Number: E14043	381.4	3,918.6	-	-	-	-
WS 04	Wesley Seale Instrumentation Testing and Replacement Finance Number: 8663 Engineering Number: 180548	50.5	800.0	3,000.0	1,950.0	3,500.0	8,450.0
WS 05	Mary Rhodes Pipeline Phase 1 Segment 1 Unit Installation Finance and Engineering Number: E13037	-	700.0	3,750.0	6,741.3	3,741.3	14,232.6
WS 06	Corpus Christi Reservoir Operating System Infrastructure Improvements Finance and Engineering Number: E13050	-	1,500.0	1,250.0	1,250.0	1,000.0	3,500.0
WS 07	Greenwood Effluent Line to Up River Road Finance and Engineering Number: E14063	-	500.0	-	-	1,500.0	1,500.0
TOTAL PROGRAMMED EXPENDITURES:		152,246.7	25,369.1	9,150.0	10,061.3	9,781.3	28,992.6

Seq #	Project Name	Project-to-Date Obligations April 2015	Unspent Prior Budget as of May 2015	CIP Budget Year 1 2015 - 2016	Year 2 2016 - 2017	Year 3 2017 - 2018	Three Year Total
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PROGRAM FUNDING SCHEDULE:

CURRENTLY AVAILABLE FUNDING:

	Revenue Bond	142,922.1	20,070.5	-	-	-	-
	Texas Water Development Board Loan	7,964.1	-	-	-	-	-
	Water Operating	101.9	-	-	-	-	-
	Raw Water Supply Fund	877.2	980.0	1,150.0	120.0	40.0	1,310.0
	Bureau of Reclamation Grant	-	400.0	-	-	-	-
	Choke Canyon Trust Fund	381.4	3,918.6	-	-	-	-
	Total Currently Available:	152,246.7	25,369.1	1,150.0	120.0	40.0	1,310.0

RECOMMENDED ADDITIONAL FUNDING:

	Revenue Bond	-	-	8,000.0	9,941.3	9,741.3	27,682.6
	TOTAL PROGRAMMED FUNDS:	152,246.7	25,369.1	9,150.0	10,061.3	9,781.3	28,992.6

DEPARTMENT: **Water Supply**

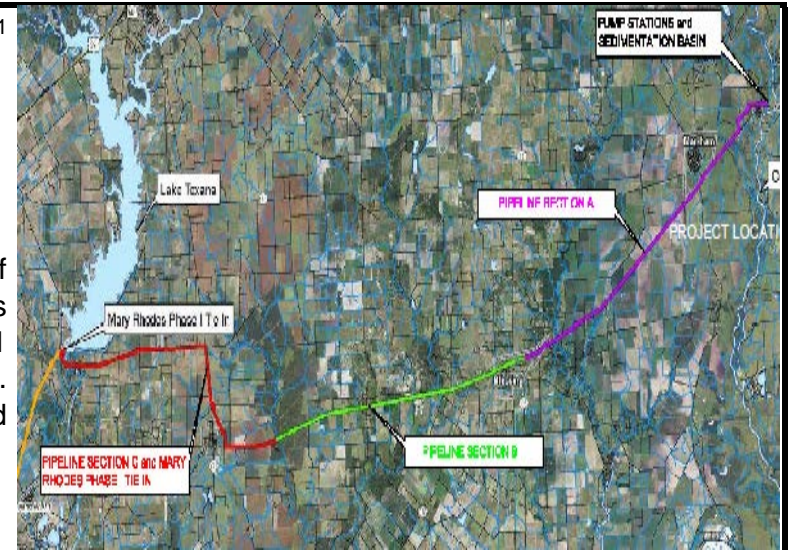
Sequence #01

PROJECT TITLE: Mary Rhodes Water Supply Pipeline, Phase 2

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

DESCRIPTION:

In 1992, the City entered into an option agreement for the purchase of up to 35,000 acre-feet per year of water rights from the Garwood Irrigation Company. Use of the water requires routing transmission facilities from the Colorado River to the Mary Rhodes Pipeline at a point just downstream of Lake Texana. Phase 1 (Delivery Options Study) and Phase 2 (Permit Application) and Phase 3 (Land Acquisition) is complete. Design was complete in Fiscal Year 13. Construction Contracts were awarded in Fiscal Year 14 and started in FY 14. They will be complete in early FY 16.



FUNDING SCHEDULE (Amounts in 000's)

Use of Funds	Project-to-Date Obligations April 2015	Unspent Prior Budget as of May 2015	CIP Budget Year 1 2015 - 2016	Year 2 2016 - 2017	Year 3 2017 - 2018	Three Year Total	PROJECT NOTES:
Legal	812.5						Capital Budget Project No: 01005 Engineering Project No: E10008 Finance Project No: E10008 A/E Consultant: Freese and Nichols Contractor: Garney Companies Contractor: Oscar Renda Cont. Award Construction: February 2014 Anticipated Completion: December '15 Total Project Value: \$167,406,261 RAW WATER SUPPLY
Land Acquisition	9,860.5					-	
Design & Engineering	15,834.1	16,200.0				-	
Construction	124,048.1					-	
Contingency						-	
Inspection/Other	280.5	370.5				-	
TOTAL:	150,835.7	16,570.5				-	
Source of Funds							
Revenue Bond	142,871.6	16,570.5				-	
Tx Water Development Board	7,964.1						
TOTAL:	150,835.7	16,570.5				-	

OPERATIONAL IMPACT:

Maintenance and operational costs will increase, but corresponding revenues will also increase with the additional water consumption.

DEPARTMENT: Water Supply

Sequence #02

PROJECT TITLE: City of Corpus Christi Desalination Program

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

DESCRIPTION:

The City of Corpus Christi Desalination Program is a progressive and proactive step to begin determining the feasibility of developing a drought-proof future water supply using brackish groundwater and seawater. The City of Corpus Christi has secured grant funds from the US Bureau of Reclamation (Reclamation) to assist with this project and will have expert technical resources with Reclamation providing their experience and guidance. The City has already secured \$400,000 in grant funding for this project from Reclamation. This program will provide the City with the reliability, security, sustainability, and availability of brackish groundwater and seawater as possible future water sources.



FUNDING SCHEDULE (Amounts in 000's)

Use of Funds	Project-to-Date Obligations April 2015	Unspent Prior Budget as of May 2015	CIP Budget Year 1 2015 - 2016	Year 2 2016 - 2017	Year 3 2017 - 2018	Three Year Total	PROJECT NOTES:
Design & Engineering	978.6	180.0				-	Capital Budget Project No: 01005 Engineering Project No: E13063 Finance Project No: E13063 A/E Consultant: Freese and Nichols Award Design: June 2013 Contractor: TBD Award Construction: TBD Anticipated Completion: TBD Total Project Value: To Be Determined RAW WATER SUPPLY
Construction		1,000.0	1,000.0			1,000.0	
Contingency		100.0	100.0			100.0	
Inspection/Other	0.5	100.0	50.0	120.0	40.0	210.0	
TOTAL:	979.1	1,380.0	1,150.0	120.0	40.0	1,310.0	
Source of Funds							
Water Operational Funds	101.9	-	-				
Raw Water Supply Fund	877.2	980.0	1,150.0	120.0	40.0	1,310.0	
Bureau of Reclamation Grant	-	400.0	-			-	
TOTAL:	979.1	1,380.0	1,150.0	120.0	40.0	1,310.0	

OPERATIONAL IMPACT:

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

DEPARTMENT: **Water Supply**

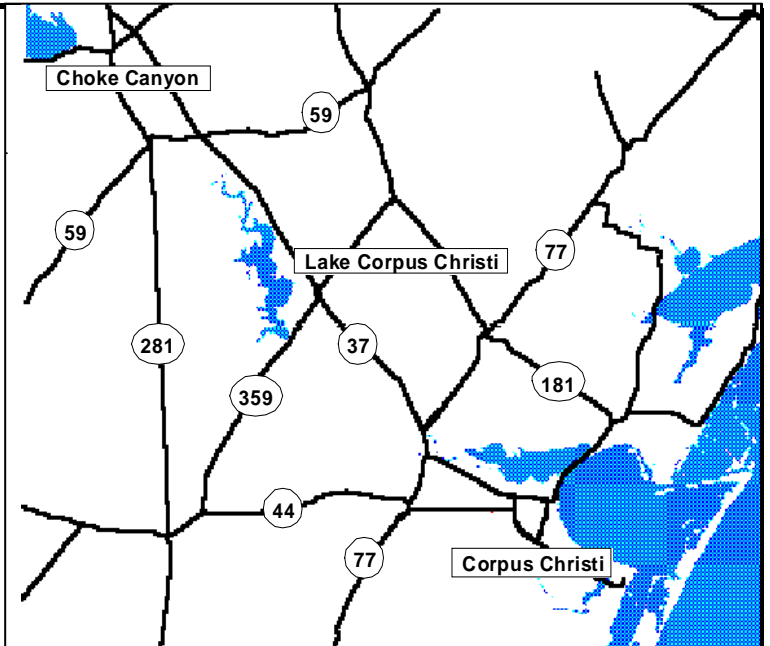
Sequence #03

PROJECT TITLE: Choke Canyon Dam Spillway Gate Rehabilitation

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 the City of Corpus Christi. The primary purpose of the reservoir is municipal and industrial water supply, and it also provides recreational and environmental benefits. The dam is comprised of a zoned earthen embankment, a reinforced concrete spillway with seven spillway tainter gates, and an outlet works structure near the center of the dam. The construction of the dam and appurtenant structures, including the spillway, occurred between 1976 and 1982. The gates have never been fully recoated. The United States Bureau of Reclamation who built and continues to inspect the dam has noted in several inspections that the spillway gate coating system is in need of rehabilitation. In 2013, an inspection of the spillway gates and upstream stoplogs slots was performed and recommendations were made for rehabilitation of the gates. This project will rehabilitate the spillway gates, including such items as recoating, wire rope replacement, seal replacement, guide shoe refurbishment, and stoplog slot resurfacing.



FUNDING SCHEDULE (Amounts in 000's)

Use of Funds	Project-to-Date Obligations April 2015	Unspent Prior Budget as of May 2015	CIP Budget Year 1 2015 - 2016	Year 2 2016 - 2017	Year 3 2017 - 2018	Three Year Total	PROJECT NOTES:
Design & Engineering	381.2					-	Capital Budget Project No: 01005 Engineering Project No: E14043 Finance Project No: E14043 A/E Consultant: Freese and Nichols Award Design: September '14 Contractor: TBD Award Construction: June 2015 Anticipated Completion: May 2017 Total Project Value: \$4,300,000 RAW WATER SUPPLY
Construction		3,300.0				-	
Contingency		300.0				-	
Inspection/Other	0.2	318.6				-	
TOTAL:	381.4	3,918.6				-	
Source of Funds							
Choke Canyon Trust Fund	381.4	3,918.6				-	
TOTAL:	381.4	3,918.6				-	

OPERATIONAL IMPACT:

Too early in the process to determine costs and revenues.

DEPARTMENT: Water Supply

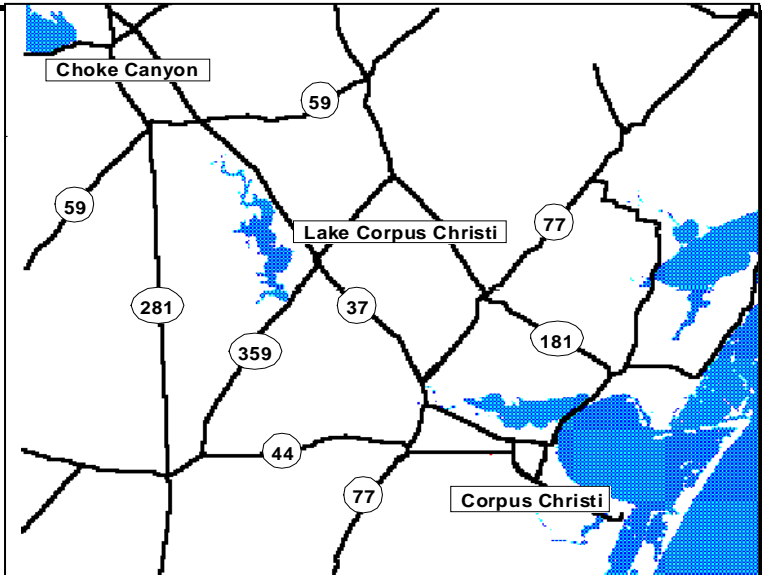
Sequence #04

PROJECT TITLE: Wesley Seale Instrumentation Testing and Rehabilitation

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 the original instrumentation system including integration with O.N. Stevens WTP process controls, the Howell-Bunger Valve, the downstream sluice gates, the dewatering system, and gate seals and coating replacement in response to previous inspection and priority investment recommendations into the system. This project will protect the integrity of the Wesley Seale Dam system (1957), to provide for proper inspection and updated regulatory reports per TCEQ. Construction will continue into and be completed in Fiscal Year 21.



FUNDING SCHEDULE (Amounts in 000's)

Use of Funds	Project-to-Date Obligations April 2015	Unspent Prior Budget as of May 2015	CIP Budget Year 1 2015 - 2016	Year 2 2016 - 2017	Year 3 2017 - 2018	Three Year Total	PROJECT NOTES:
Design & Engineering	49.1	700.0			150.0	150.0	Capital Budget Project No: 12001 Engineering Project No: 8663 Finance Project No: 180548 A/E Consultant: Freese Nichols Contractor: TBD Award Design: July 2009 Award Construction: Fiscal Year '16 Anticipated Completion: Fiscal Year '21 Total Project Value: \$ 14,733,500
Construction			2,500.0	1,650.0	3,000.0	7,150.0	
Contingency			250.0	160.0	200.0	610.0	
Inspection/Other	1.4	100.0	250.0	140.0	150.0	540.0	
TOTAL:	50.5	800.0	3,000.0	1,950.0	3,500.0	8,450.0	
Source of Funds							
Revenue Bond	50.5	800.0	3,000.0	1,950.0	3,500.0	8,450.0	
TOTAL:	50.5	800.0	3,000.0	1,950.0	3,500.0	8,450.0	TREATMENT

OPERATIONAL IMPACT:

This project will ensure the City can provide reservoir supplies to its customers and other downstream rights-holders and will secure the structural integrity of the dam through established dam safety protocols following regulatory mandates from TCEQ regarding high-hazard dams.

DEPARTMENT: Water Supply

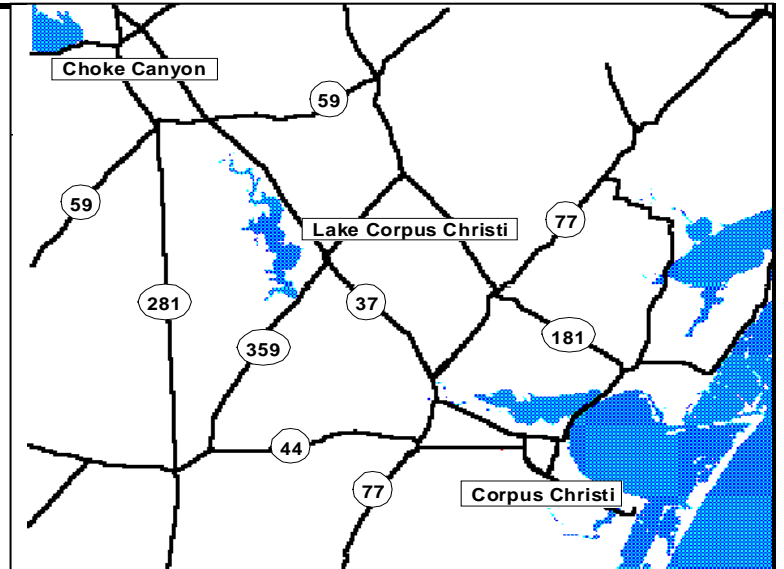
Sequence #05

PROJECT TITLE: Mary Rhodes Pipeline Phase 1 Segment 1 Unit Installation

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

DESCRIPTION:

Improvements to the existing Mary Rhodes system are required to reliably transfer additional water from the proposed Phase 2 pipeline through the existing Phase 1 pipeline. Additional ground storage tanks and associated piping and flow meters at the Bloomington and Woodsboro pump stations, and improvements to pumping equipment at the Lake Texana Intake Pump Station and Woodsboro and Bloomington Pump Stations are needed to convey the additional 35,000 acre feet of water each year.



FUNDING SCHEDULE (Amounts in 000's)

Use of Funds	Project-to-Date Obligations April 2015	Unspent Prior Budget as of May 2015	CIP Budget Year 1 2015 - 2016	Year 2 2016 - 2017	Year 3 2017 - 2018	Three Year Total	PROJECT NOTES:
Design & Engineering		600.0				-	Capital Budget Project No: 14003
Construction			3,250.0	6,000.0	3,400.0	12,650.0	Engineering Project No: E13037
Contingency			300.0	600.0	240.0	1,140.0	Finance Project No: E13037
Inspection/Other		100.0	200.0	141.3	101.3	442.6	A/E Consultant: HDR
TOTAL:		700.0	3,750.0	6,741.3	3,741.3	14,232.6	Contractor: TBD
Source of Funds							Award Design: TBD
Revenue Bond		700.0	3,750.0	6,741.3	3,741.3	14,232.6	Award Construction: Fiscal Year '17
TOTAL:		700.0	3,750.0	6,741.3	3,741.3	14,232.6	Anticipated Completion: Fiscal Year '20 Total Project Value: \$20,415,200 RAW WATER SUPPLY

OPERATIONAL IMPACT:

This project will improve pipeline efficiencies and reduce costs.

DEPARTMENT: Water Supply

Sequence #06

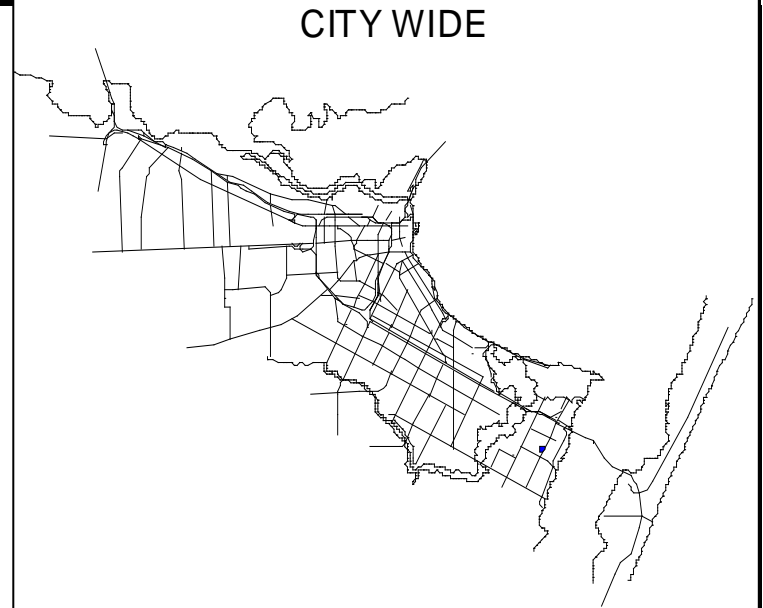
CITY WIDE

PROJECT TITLE: Corpus Christi Reservoir Operating System Infrastructure Improvements

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

DESCRIPTION:

Wesley Seale Dam and Choke Canyon Reservoir Dam Improvements will consist of the replacement of major dam elements and associated infrastructure components that are nearing their useful life. The Wesley Seale Dam was built in 1957 and the Choke Canyon Reservoir Dam was built in 1981. Items to be replaced for the Wesley Seale Dam may include a 48-inch diameter Howell Bungler valve which aged and does not function as required, three 2.5' by 4' foot sluice gates which have aged and do not function as desired, and other components as needed to keep both systems operating efficiently. Construction will be on-going on a yearly basis to the extent that funding allows.



FUNDING SCHEDULE (Amounts in 000's)

Use of Funds	Project-to-Date Obligations April 2015	Unspent Prior Budget as of May 2015	CIP Budget Year 1 2015 - 2016	Year 2 2016 - 2017	Year 3 2017 - 2018	Three Year Total	PROJECT NOTES:
Design & Engineering		100.0	100.0	100.0	80.0	280.0	Capital Budget Project No: 14006
Construction		1,200.0	1,000.0	1,000.0	800.0	2,800.0	Engineering Project No: E13050
Contingency		100.0	100.0	100.0	80.0	280.0	Finance Project No: E13050
Inspection/Other		100.0	50.0	50.0	40.0	140.0	A/E Consultant: TBD
TOTAL:		1,500.0	1,250.0	1,250.0	1,000.0	3,500.0	Contractor: TBD
Source of Funds							Award Design: Fiscal Year '15
Revenue Bond		1,500.0	1,250.0	1,250.0	1,000.0	3,500.0	Award Construction: Fiscal Year '16
							Anticipated Completion: On-Going
TOTAL:		1,500.0	1,250.0	1,250.0	1,000.0	3,500.0	Total Project Value: \$10,000,000 WATER SUPPLY

OPERATIONAL IMPACT:

Reduced risk of unexpected equipment or facilities failure; Responsible, proactive replacement instead of reactive emergency repair; Reduced cost of operation, predictable system performance.

DEPARTMENT: Water Supply

Sequence #07

PROJECT TITLE: Greenwood Effluent Line to Up River Road

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

DESCRIPTION:

This project will provide effluent water from a proposed regional wastewater treatment plant at the current Greenwood location to the refineries located at Up River Road. The effluent will reduce the demand on the existing water resources and provide an additional source of revenue for the water department. If the regional wastewater treatment plant concept is not adopted, this project will be re-evaluated under a different criteria and could be potentially modified.



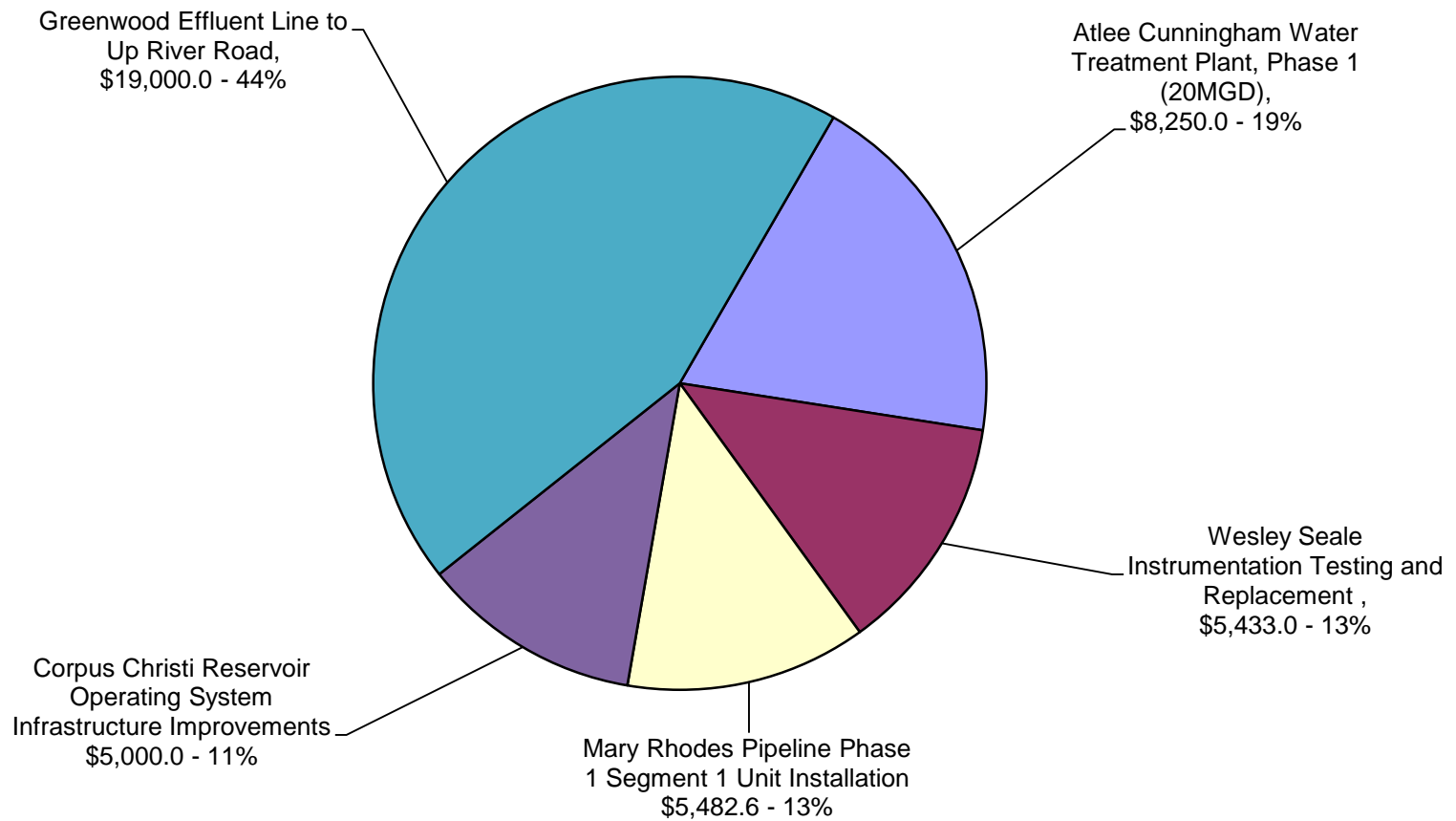
FUNDING SCHEDULE (Amounts in 000's)

Use of Funds	Project-to-Date Obligations April 2015	Unspent Prior Budget as of May 2015	CIP Budget Year 1 2015 - 2016	Year 2 2016 - 2017	Year 3 2017 - 2018	Three Year Total	PROJECT NOTES:
Design & Engineering		450.0			1,200.0	1,200.0	Capital Budget Project No: 15-0001 Engineering Project No: E14063 Finance Project No: E14063 A/E Consultant: TBD Contractor: TBD Award Design: Fiscal Year '15 Award Construction: Fiscal Year '18 Anticipated Completion: Fiscal Year '20 Total Project Value: \$21,000,000 WATER SUPPLY
Construction		-			-	-	
Contingency		-			-	-	
Inspection/Other		50.0			300.0	300.0	
TOTAL:		500.0			1,500.0	1,500.0	
Source of Funds							
Revenue Bond		500.0			1,500.0	1,500.0	
TOTAL:		500.0			1,500.0	1,500.0	

OPERATIONAL IMPACT:

This project will increase operational revenues and supplement the existing water supply. Those numbers would off-set the cost of treating the water to a level that could be transported and used at the refineries.

**Water Supply
Long-Range CIP: \$43,165.6
(Amounts in 000's)**

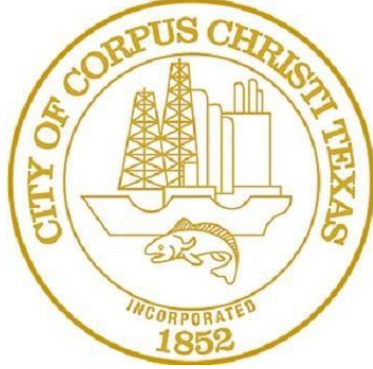


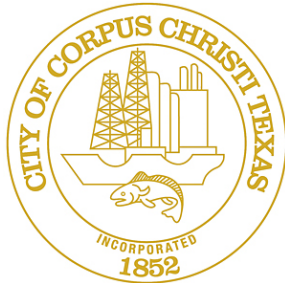
		Long-Range Year
1	<u>Wesley Seale Instrumentation Testing and Replacement (Continuation)</u> The original piezometers were installed in the late 1990's to ensure the security of the dam and measure differential lateral movement of the dam. This project provides for improvements to the dewatering system and valve replacement in response to previous inspection and priority investment recommendations into the system. This project is required to protect the integrity of the Wesley Seale Dam system. Construction will continue into and be completed in year seven.	\$5,433,000 4, 5, 6
2	<u>Mary Rhodes Pipeline Phase 1 Segment 1 Unit Installation (Continuation)</u> Improvements to the existing Mary Rhodes system are required to reliably transfer additional water from the proposed Phase 2 pipeline through the existing Phase 1 pipeline. Additional ground storage tanks and associated piping and flow meters at the Bloomington and Woodsboro pump stations, and improvements to pumping equipment at the Lake Texana Intake Pump Station and Woodsboro and Bloomington Pump Stations are needed to convey the additional 35,000 acre feet of water each year.	\$5,482,600 4, 5
3	<u>Corpus Christi Reservoir Operating System Infrastructure Improvements (Continuation)</u> Wesley Seale Dam and Choke Canyon Reservoir Dam Improvements will consist of the replacement of major dam elements and associated infrastructure components that are nearing their useful life. The Wesley Seale Dam was built in 1957 and the Choke Canyon Reservoir Dam was built in 1981. Items to be replaced for the Wesley Seale Dam may include a 48-inch diameter Howell Bunger valve which aged and does not function as required, three 2.5 4 foot sluice gates which have aged and do not function as desired, and other components as needed to keep both systems operating efficiently. Construction will be on-going on a yearly basis to the extent that funding allows.	\$5,000,000 4, 5, 6, 7, 8
4	<u>Greenwood Effluent Line to Up River Road (Continuation)</u> This project will provide effluent water from a proposed regional wastewater treatment plant at the current Greenwood location to the refineries located at Up River Road. The effluent will reduce the demand on the existing water resources and provide an additional source of revenue for the water department. If the regional wastewater treatment plant concept is not adopted, this project will be re-evaluated under a different criteria and could be potentially modified.	\$19,000,000 4, 5
5	<u>Atlee Cunningham WTP, Phase 1 (20MGD)</u> The ON Stevens Water Treatment Plant (ONSWTP) is the only water treatment facility for the City of Corpus Christi, the local oil refineries, and other large volume user. A redundant treatment facility is needed to ensure an uninterrupted supply of treated water, should a failure occur at the ONSWTP. The Atlee Cunningham WTP Phase 1 (20MGD) project will construct a new Membrane Technology 20 MGD WTP, with subsequent phases increasing the treatment capacity to 80 MGD. Constructing on the City of Corpus Christi owned Atlee Cunningham WTP will also provide a location for Aquifer Storage and Recovery (ASR).	\$8,250,000 6, 7, 8, 9
TOTAL FUTURE CAPITAL IMPROVEMENT NEEDS:		\$43,165,600



WATER

Obligation to the Future





CITY OF CORPUS CHRISTI WATER PROGRAM

The City's Fiscal Year 2015 – 2016 Water Capital Improvement Program (CIP) contains twenty-one (21) projects with a total value of \$32.8 million which represent a significant investment of resources to enable delivery of a reliable source of potable water to residents, while balancing the long-term needs of the City and the region. Through periodic updates of the City-Wide Water Distribution Master Plan, local and area needs are modeled and the information is used in the development of a capital program that is responsive to population growth, rehabilitation/replacement of aging infrastructure, and meeting regulatory requirements while remaining attentive to funding limitations. This year's Water CIP includes projects relating to Water Treatment, Network and Distribution, Infrastructure Improvements, and Water Supply.

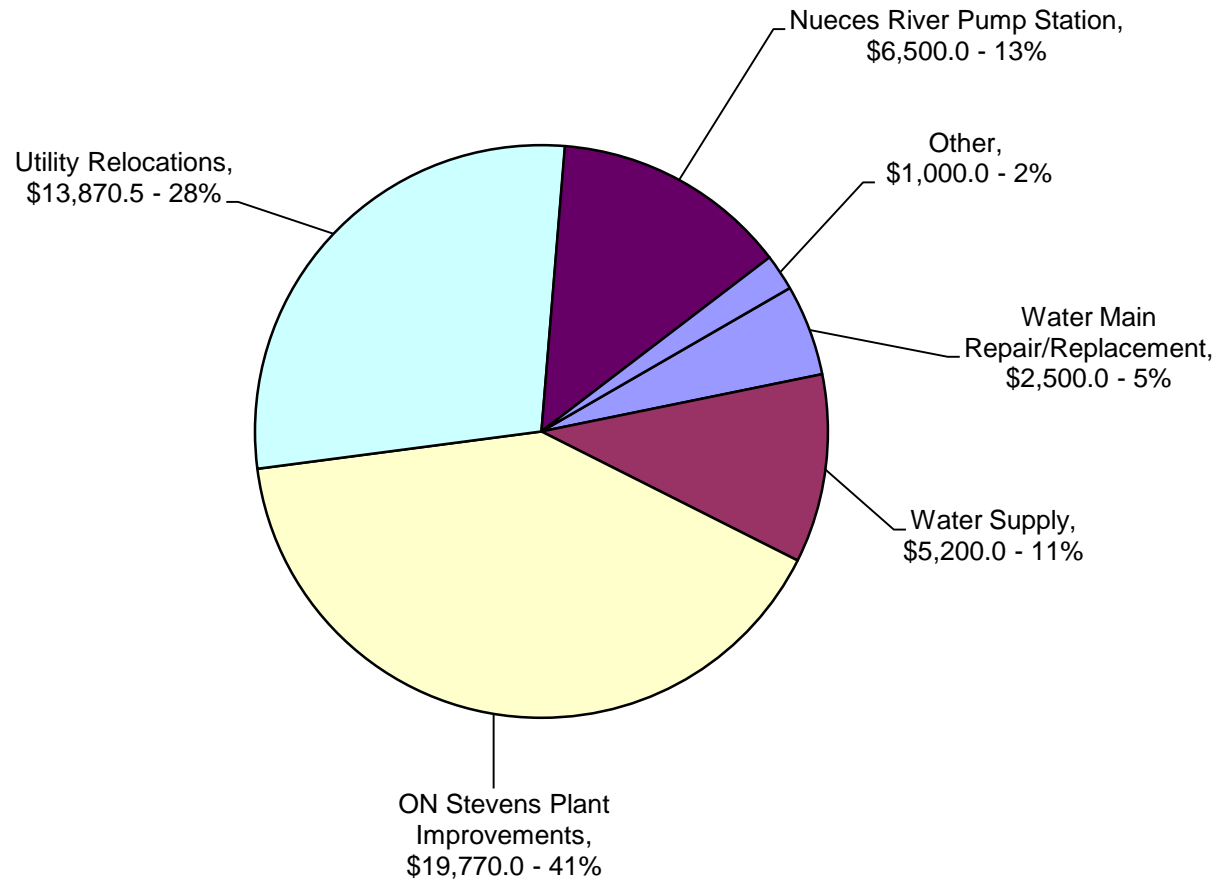
An important aspect of operating a public water system is protecting the integrity of the City's Water Treatment Plant. The ON Stevens Water Treatment Plant (ONSWTP) was originally constructed in 1954 and has a rated capacity of producing up to 167 million gallons a day (MGD). On average, the plant produces 80 million gallons of water a 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 the planned water projects, the Water Capital Improvement Program Budget includes over \$13.8 M in work to support city and Texas Department of Transportation (TxDOT) street projects that require upgrading or moving water transmission lines. These projects include streets listed in the 2012 and 2014 General Obligation Bond Elections and moving water lines in anticipation of the new Harbor Bridge construction project.

A recap of the budgeted expenditures includes:

	YEAR ONE 2015– 2016	YEAR TWO 2016 – 2017	YEAR THREE 2017 – 2018
TOTAL PROGRAMMED EXPENDITURES:	\$ 48,840,500	\$ 52,253,200	\$ 40,088,500
FUNDING:			
Water Capital Reserves	\$ 1,500,000	\$ 0	\$ 0
New Debt (Revenue Bonds)	\$ 47,340,500	\$ 52,253,200	\$ 40,088,500
TOTAL PROGRAMMED FUNDS:	\$ 48,840,500	\$ 52,253,200	\$ 40,088,500

Water
Annual CIP: \$48,840.5
(Amounts in 000's)



Seq #	Project Name	Project-to-Date Obligations April 2015	Unspent Prior Budget as of May 2015	CIP Budget Year 1 2015 - 2016	Year 2 2016 - 2017	Year 3 2017 - 2018	Three Year Total
WA 01	Programmed Water Line Service Life Extension Finance Number: 180198 Engineering Number: 8610	2,139.0	3,003.7	2,500.0	2,500.0	4,000.0	9,000.0
WA 02	Alternative Capacity Power Generation Project Finance and Engineering Number: E12141	129.2	3,570.4	-	-	-	-
WA 03	Elevated Water Storage Tanks (Alternate Capacity Requirement, Phase 2) Finance and Engineering Number: E11012	10.0	1,300.0	5,200.0	5,200.0	4,700.0	15,100.0
WA 04	ON Stevens Chemical Facilities (Alum, Fluoride, Polymer and LAS) Finance and Engineering Number: E12211	26.3	2,678.7	3,770.0	2,120.0	-	5,890.0
WA 05	ONS WTP High Service Building No. 3 Finance and Engineering Number: E11066	2,562.5	3,237.4	9,500.0	10,500.0	7,000.0	27,000.0
WA 06	ON Stevens Raw Water Influent Improvements Finance Number: 180415 Engineering Number: 8643	2,052.9	2,973.1	4,000.0	6,000.0	3,000.0	13,000.0
WA 07	Water Program Management Finance and Engineering Number: E11069	289.9	520.5	250.0	250.0	250.0	750.0

Seq #	Project Name	Project-to-Date Obligations April 2015	Unspent Prior Budget as of May 2015	CIP Budget Year 1 2015 - 2016	Year 2 2016 - 2017	Year 3 2017 - 2018	Three Year Total
WA 08	ONS Water Treatment Plant Interim Sludge Management Improvements Finance and Engineering Number: E13052	251.2	1,248.8	1,500.0	1,000.0	-	2,500.0
WA 09	ONS Water Treatment Plant Site Infrastructure Improvements Finance and Engineering Number: E13051	25.4	474.0	500.0	500.0	500.0	1,500.0
WA 10	System-Wide Process Control Reliability Improvements Finance and Engineering Number: E13031	-	1,000.0	-	-	-	-
WA 11	Staples Street Pump Station Phase 2 - Third and Fourth Pumps Finance and Engineering Number: E12004	415.6	2,150.0	-	-	-	-
WA 12	Water Transmission Infrastructure Cathodic Protection Improvements Finance and Engineering Number: E15093	48.8	1,951.2	-	-	-	-
WA 13	Water Meter and Automated Meter Reading Improvements Finance and Engineering Number: E13049	-	500.0	250.0	250.0	250.0	750.0
WA 14	ONS Clearwell No. 1 Repair Finance and Engineering Number: E15156	-	-	500.0	500.0	-	1,000.0

Seq #	Project Name	Project-to-Date Obligations April 2015	Unspent Prior Budget as of May 2015	CIP Budget Year 1 2015 - 2016	Year 2 2016 - 2017	Year 3 2017 - 2018	Three Year Total
WA 15	Utility Building Expansion Finance and Engineering Number: E15157	-	-	400.0	1,000.0	2,000.0	3,400.0
WA 16	TxDOT Water Line Relocation (HARBOR BRIDGE) Finance and Engineering Number: E15158	-	-	4,400.0	-	-	4,400.0
WA 17	Developer Utility Participation - Water Finance and Engineering Number: E12213	-	300.0	100.0	100.0	100.0	300.0
WA 18	Naval Air Station Water Distribution Infrastructure Improvements Finance and Engineering Number: E15159	-	500.0	-	-	3,500.0	3,500.0
WA 19	ONSWTP Solids Handling and Disposal Finance Number: 180195 Engineering Number: 8607	-	-	-	-	1,475.0	1,475.0
WA 20	ONS Chlorine Storage and Handling Facilities Improvements Finance and Engineering Number: E10144	-	-	-	-	3,000.0	3,000.0
WA 21	ONS Electrical Distribution Improvements Finance and Engineering Number: E15160	-	-	-	-	1,000.0	1,000.0

Seq #	Project Name	Project-to-Date Obligations April 2015	Unspent Prior Budget as of May 2015	CIP Budget Year 1 2015 - 2016	Year 2 2016 - 2017	Year 3 2017 - 2018	Three Year Total
WA 22	Nueces River Raw Water Pump Station Finance and Engineering Number: E15160	1,793.0	6,621.5	6,500.0	6,000.0	-	12,500.0
	Water Program Sub-Total:	9,743.8	32,029.3	39,370.0	35,920.0	30,775.0	106,065.0

	*Utility Relocation Costs for Bond 2008	-	633.1	-	-	-	-
	*Utility Relocation Costs for Bond 2012	2,722.8	9,279.0	4,450.1	3,024.2	527.5	8,001.8
	*Utility Relocation Costs for Bond 2014	1,021.8	1,194.9	5,020.4	7,309.0	2,786.0	15,115.4
	Future Programmed Bond Utility Support	-	-	-	6,000.0	6,000.0	12,000.0

** relocation costs and funding reflected within Streets Program*

	TOTAL PROGRAMMED EXPENDITURES:	13,488.4	43,136.3	48,840.5	52,253.2	40,088.5	141,182.2
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CURRENTLY AVAILABLE FUNDING:

	Existing Revenue Bond	13,488.4	43,136.3	-	-	-	-
	Water Capital Reserves	-	-	1,500.0	-	-	1,500.0
	Total Currently Available:	13,488.4	43,136.3	1,500.0	-	-	1,500.0

RECOMMENDED ADDITIONAL FUNDING:

Seq #	Project Name	Project-to-Date Obligations April 2015	Unspent Prior Budget as of May 2015	CIP Budget Year 1 2015 - 2016	Year 2 2016 - 2017	Year 3 2017 - 2018	Three Year Total
	Revenue Bond	-	-	47,340.5	52,253.2	40,088.5	139,682.2
	TOTAL PROGRAMMED FUNDS:	13,488.4	43,136.3	48,840.5	52,253.2	40,088.5	141,182.2

DEPARTMENT: Water

Sequence #01

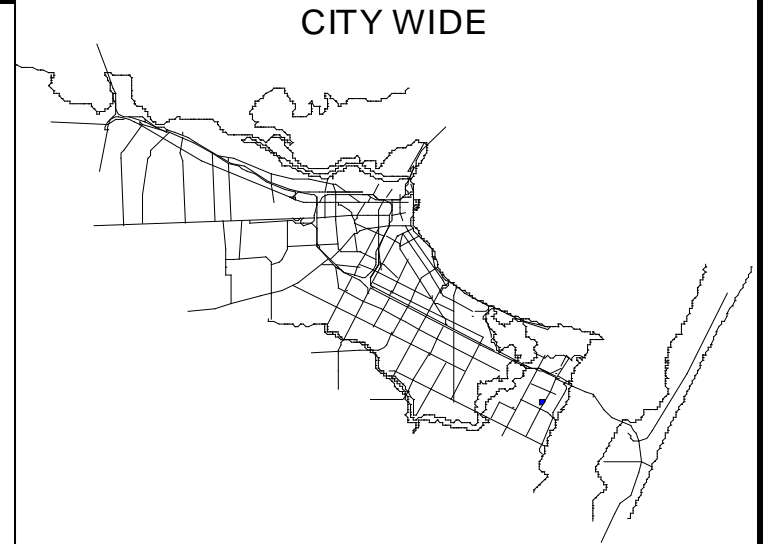
CITY WIDE

PROJECT TITLE: Programmed Water Line Service Life Extension

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 and extension of the City's water distribution system (1,368 miles). The program is flexible and provides a systemic approach to extend the 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 the lifecycle improvements will maximize CIP investments increasing capacity of the system and deferring unnecessary major upgrades to pump stations and plants. Some work will be completed using in-house forces to save on costs where applicable.



FUNDING SCHEDULE (Amounts in 000's)

Use of Funds	Project-to-Date Obligations April 2015	Unspent Prior Budget as of May 2015	CIP Budget Year 1 2015 - 2016	Year 2 2016 - 2017	Year 3 2017 - 2018	Three Year Total	PROJECT NOTES:
Design & Engineering	541.5					-	Capital Budget Project No: 11006
Construction	1,503.5	2,650.0	2,000.0	2,000.0	3,500.0	7,500.0	Engineering Project No: 8610
Contingency		265.0	200.0	200.0	350.0	750.0	Finance Project No: 180198
Inspection/Other	94.9	88.7	300.0	300.0	150.0	750.0	A/E Consultant: Various
TOTAL:	2,139.9	3,003.7	2,500.0	2,500.0	4,000.0	9,000.0	Contractor: In-House / Various
Source of Funds							Award Design: On-Going
Revenue Bond	2,139.9	3,003.7	2,500.0	2,500.0	4,000.0	9,000.0	Award Construction: On-Going
							Anticipated Completion: On-Going
TOTAL:	2,139.9	3,003.7	2,500.0	2,500.0	4,000.0	9,000.0	Total Project Value: \$34,143,600
							DISTRIBUTION

OPERATIONAL IMPACT:

The extension of the service life of water mains is critical to ensuring the integrity of the system. This project itself does not increase revenue or decrease expenses, but it prevents the cost of maintenance from rising.

DEPARTMENT: Water

Sequence #02

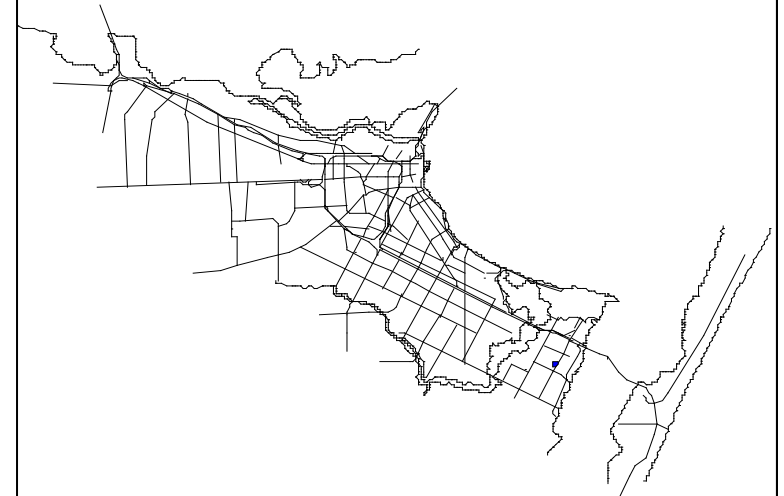
CITY WIDE

PROJECT TITLE: Alternative Capacity Power Generation

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

DESCRIPTION:

This project will provide design and construction of back-up power systems at two critical water distribution pumping facilities, including Navigation and Staples Street Pump Station. This project is the first phase of ACR implementation following the Alternative Capacity Power Generation project.



FUNDING SCHEDULE (Amounts in 000's)

Use of Funds	Project-to-Date Obligations April 2015	Unspent Prior Budget as of May 2015	CIP Budget Year 1 2015 - 2016	Year 2 2016 - 2017	Year 3 2017 - 2018	Three Year Total	PROJECT NOTES:
Design & Engineering	123.4	-					Capital Budget Project No: 14002
Construction		3,000.0					Engineering Project No: E12141
Contingency		300.0					Finance Project No: E12141
Inspection/Other	5.8	270.4					A/E Consultant: Bath
TOTAL:	129.2	3,570.4				-	Contractor: TBD
Source of Funds							Award Design: July 2014
Revenue Bond	129.2	3,570.4				-	Award Construction: October 2016
TOTAL:	129.2	3,570.4				-	Anticipated Completion: May 2017 Total Project Value: \$3,790,600
							ADMINISTRATION

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. Back-up power systems will allow the pump stations to continue pumping during short or extended electrical grid power outages.

DEPARTMENT: Water

Sequence #03

CITY WIDE

PROJECT TITLE: Elevated Water Storage Tanks - Citywide (ACR Implementation Phase 2)

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

DESCRIPTION:

The existing Elevated Storage Tanks (ESTs) have inadequate volume and elevation to meet minimum storage requirement as defined by the Texas Commission on Environmental Quality (TCEQ). This project is a phase multi-year effort that will provide four new ESTs with 7.5 million gallons of storage. This improved storage capacity, combined with the new heights and two new pump station generators (addressed under a separate CIP project) will place the City's distribution system in compliance with TCEQ's Alternative Capacity Requirement (ACR). Land acquisition and design for Tanks 1 and 2 is in process and construction is scheduled to begin in FY 16. The remaining tanks will follow the same life cycle and are scheduled to be completed by end of FY 22. This project is the second phase of ACR Implementation following the ACR Generation project. Included in this project is the completion of the Water Distribution System Master Plan in accordance with TCEQ ACR Implementation criteria.



FUNDING SCHEDULE (Amounts in 000's)

Use of Funds	Project-to-Date Obligations April 2015	Unspent Prior Budget as of May 2015	CIP Budget Year 1 2015 - 2016	Year 2 2016 - 2017	Year 3 2017 - 2018	Three Year Total	PROJECT NOTES:
Land Acquisition	-	500.0	-	-	-	-	Capital Budget Project No: 13002 Engineering Project No: E11012 Finance Project No: E11012 A/E Consultant: LNV Contractor: TBD Award Design: March 2011 Award Construction: On-Going Anticipated Completion: Fiscal Year '22 Total Project Value: \$25,192,300
Design & Engineering	-	700.0	200.0	-	-	200.0	
Construction	-	-	4,300.0	4,500.0	4,100.0	12,900.0	
Contingency	-	-	430.0	450.0	410.0	1,290.0	
Inspection/Other	10.0	100.0	270.0	250.0	190.0	710.0	
TOTAL:	10.0	1,300.0	5,200.0	5,200.0	4,700.0	15,100.0	
Source of Funds							
Revenue Bond	10.0	1,300.0	3,700.0	5,200.0	4,700.0	13,600.0	DISTRIBUTION
Water Reserves	-	-	1,500.0	-	-	1,500.0	
TOTAL:	10.0	1,300.0	5,200.0	5,200.0	4,700.0	15,100.0	

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.

DEPARTMENT: Water

Sequence #04

PROJECT TITLE: ON Stevens Chemical Facilities (Alum, Fluoride, Polymer and LAS)

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

DESCRIPTION:

Existing chemical storage and feed facilities (Alum, Fluoride, Polymer and LAS) at O.N. Stevens Water Treatment Plant require upgrades in order to meet minimum Texas Commission on Environmental Quality (TCEQ) requirements and to optimize system performance. In addition, the existing Fluoride facilities require rehabilitation to increase safety in storage, handling, and feed. These feed system components require replacement for optimal dosage and reliable monitoring control of water treatment chemicals.



FUNDING SCHEDULE (Amounts in 000's)

Use of Funds	Project-to-Date Obligations April 2015	Unspent Prior Budget as of May 2015	CIP Budget Year 1 2015 - 2016	Year 2 2016 - 2017	Year 3 2017 - 2018	Three Year Total	PROJECT NOTES:
Design & Engineering	25.6	800.0				-	Capital Budget Project No: 13001
Construction		1,600.0	3,300.0	1,850.0		5,150.0	Engineering Project No: E12211
Contingency		160.0	330.0	185.0		515.0	Finance Project No: E12211
Inspection/Other	0.7	118.7	140.0	85.0		225.0	A/E Consultant: LNV
TOTAL:	26.3	2,678.7	3,770.0	2,120.0		5,890.0	Contractor: TBD
Source of Funds							Award Design: October 2015
Revenue Bond	26.3	2,678.7	3,770.0	2,120.0		5,890.0	Award Construction: February 2016
TOTAL:	26.3	2,678.7	3,770.0	2,120.0		5,890.0	Anticipated Completion: December '18 Total Project Value: \$8,595,000 TREATMENT

OPERATIONAL IMPACT:

This project will bring the Plant into compliance with regulatory requirements on the chemical storage and feed facilities, increase safety when handling and feeding Fluoride, and provide equipment for optimizing the use of water treatment chemicals.

DEPARTMENT: Water

Sequence #05

PROJECT TITLE: ONS WTP 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 will provide for construction of a new High Service Building as the repair/replacement of the existing High Service Building No. 1 and its equipment is not feasible or cost effective. This project will also replace the four (4) existing tilting disc check valves (TDCVs) and all existing Multilin Motor protection relays (MRP) at High Service Building #2 in order to provide consistency and facilitate maintenance between both High Service No. 2 and the High Service No. 3 Pump Stations. The New High Service Building No.3 will have the capability to deliver treated water to the distribution system from the existing clear-well No. 1, clear-well No. 2 and future programmed clear-well No.3. Completion of this project will enable the City to decommission and take out of service High Service Building No. 1. The construction is anticipated to complete in 2018.



FUNDING SCHEDULE (Amounts in 000's)

Use of Funds	Project-to-Date Obligations April 2015	Unspent Prior Budget as of May 2015	CIP Budget Year 1 2015 - 2016	Year 2 2016 - 2017	Year 3 2017 - 2018	Three Year Total	PROJECT NOTES:
Design & Engineering	2,562.3					-	Capital Budget Project No: 12002
Construction		2,800.0	8,400.0	9,000.0	6,000.0	23,400.0	Engineering Project No: E11066
Contingency		280.0	840.0	900.0	600.0	2,340.0	Finance Project No: E11066
Inspection/Other	0.2	157.4	260.0	600.0	400.0	1,260.0	A/E Consultant: LNV
TOTAL:	2,562.5	3,237.4	9,500.0	10,500.0	7,000.0	27,000.0	Contractor: TBD
Source of Funds							Award Design: February 2013
Revenue Bond	2,562.5	3,237.4	9,500.0	10,500.0	7,000.0	27,000.0	Award Construction: February 2016
							Anticipated Completion: May 2018
TOTAL:	2,562.5	3,237.4	9,500.0	10,500.0	7,000.0	27,000.0	Total Project Value: \$ 32,799,900
							TREATMENT

OPERATIONAL IMPACT:

Constructing a new High Service Building #3 would allow the plant to continue with uninterrupted treated water delivery to the City and will have the ability to operate with the new elevated storage tanks that are planned in compliance with the TCEQ's Alternative Capacity Requirement (ACR).

DEPARTMENT: Water

Sequence #06

PROJECT TITLE: ONS Raw Water Influent Improvements

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

DESCRIPTION:

The existing raw water piping configuration and Raw Water Junction Box at The O.N. Stevens Water Treatment Plant limit the hydraulic capacity to less than treatment capacity of the Plant. In addition, existing piping makes it difficult to split incoming water flow between the four treatment trains. This project proposes to eliminate all hydraulic constrictions in the front end piping, which allows raw water to be routed through the Presedimentation Basin, and provide a passive flow split between the four treatment trains. Construction will begin after completion of the AEP Transmission Line Realignment towards the end of this year. This project also includes demolishing the existing maintenance building and reconstructing a new old. The existing building has reached the end of its service life and is blocking the proposed piping route.



FUNDING SCHEDULE (Amounts in 000's)

Use of Funds	Project-to-Date Obligations April 2015	Unspent Prior Budget as of May 2015	CIP Budget Year 1 2015 - 2016	Year 2 2016 - 2017	Year 3 2017 - 2018	Three Year Total	PROJECT NOTES:
Design & Engineering	1,905.6	-	-	-	-	-	Capital Budget Project No: 14-003
Construction	-	2,500.0	3,500.0	5,250.0	2,650.0	11,400.0	Engineering Project No: 8643
Contingency	-	250.0	300.0	500.0	200.0	1,000.0	Finance Project No: 180415
Inspection/Other	147.3	223.1	200.0	250.0	150.0	600.0	A/E Consultant: Freese Nichols
TOTAL:	2,052.9	2,973.1	4,000.0	6,000.0	3,000.0	13,000.0	Contractor: TBD
Source of Funds							
Revenue Bond	2,052.9	2,973.1	4,000.0	6,000.0	3,000.0	13,000.0	Award Design: May 2008
TOTAL:	2,052.9	2,973.1	4,000.0	6,000.0	3,000.0	13,000.0	Award Construction: February 2017 Anticipated Completion: December '18 Total Project Value: \$18,026,000
							TREATMENT

OPERATIONAL IMPACT:

Less water can be brought into the Plant than can be treated. This project will allow the Plant to meet upcoming demand as projected by Texas Water Development Board. increase treatment capacity and improve treatment efficiency.

DEPARTMENT: Water

Sequence #07

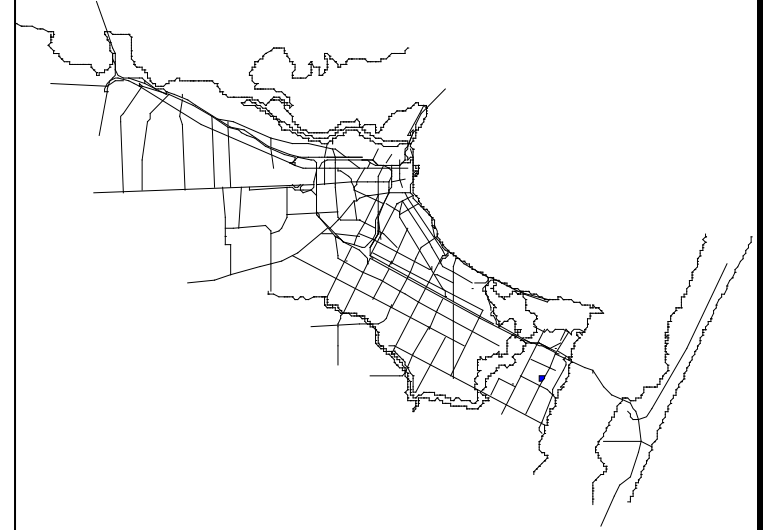
CITY WIDE

PROJECT TITLE: Water Program Management

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

DESCRIPTION:

This project provides a mechanism to fund programmatic planning, oversight and implementation of capital improvement projects. The purpose of this item is to ensure that the technical, fiscal and operational aspects of all Capital Improvements Projects for the Water Department are fully funded and managed on a full-time basis, to include integration with maintenance and repair projects. This project will provide a holistic approach to the management of projects and consider efficient project sequencing and overall master planning for the water program. In order to properly manage these projects, the individual or group of individuals must have comprehensive knowledge and experience in Surface Water Treatment (to include raw water pump stations) and Water Distribution Systems; project management; and program management. We envision this to be a recurring requirement over the next 10 to 15 years.



FUNDING SCHEDULE (Amounts in 000's)

Use of Funds	Project-to-Date Obligations April 2015	Unspent Prior Budget as of May 2015	CIP Budget Year 1 2015 - 2016	Year 2 2016 - 2017	Year 3 2017 - 2018	Three Year Total	PROJECT NOTES:
Design & Engineering							Capital Budget Project No: 12001
Construction							Engineering Project No: E11069
Contingency							Finance Project No: E11069
Inspection/Other	289.9	520.5	250.0	250.0	250.0	750.0	A/E Consultant: URS
TOTAL:	289.9	520.5	250.0	250.0	250.0	750.0	Contractor: N/A
Source of Funds							Award Design: Fall 2011
Revenue Bond	289.9	520.5	250.0	250.0	250.0	750.0	Award Construction: N/A
							Anticipated Completion: N/A
TOTAL:	289.9	520.5	250.0	250.0	250.0	750.0	Total Project Value: \$3,090,000
							ADMINISTRATION

OPERATIONAL IMPACT:

Providing water program management will improve department efficiency and provide timely project execution.

DEPARTMENT: Water

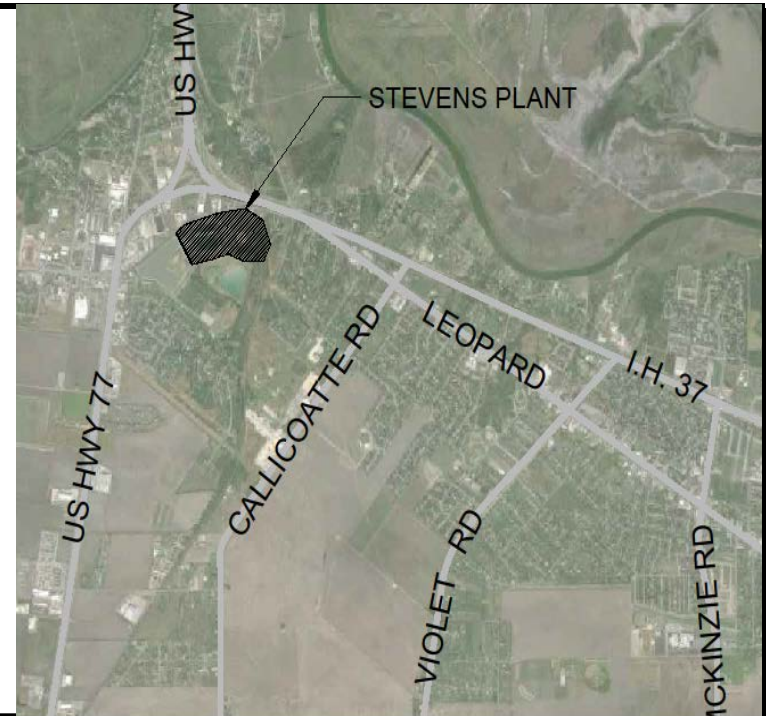
Sequence #08

PROJECT TITLE: ON Stevens Water Treatment Plant Interim Sludge Management Imps.

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

DESCRIPTION:

The design of the North and South Sludge Lagoons Infrastructure was deemed necessary for the construction of a sludge line extension and sludge lagoon access roads. This project was intended to provide: 1) an interim solution for pumping sludge to the East and West Pollywogs ponds; and 2) construct a permanent transfer line conveying sludge from the North South Lagoons to new Solids Handling and Disposal Facilities. Because the Solids Handling project was put on hold, the transfer line was designed in the interim to connect to a manhole; it would later be further extended to connect to the new facilities when constructed. In addition, this project addresses the sludge lagoon access roads which are heavily deteriorated and are in need of rehabilitation to accommodate heavy equipment during maintenance and dredging operations. Engineering support services were furthermore deemed necessary for the pumping sludge to the East and West Sludge Lagoons (Pollywogs), transferring and depositing sludge from the Primary Sedimentation Basins at ONS WTP to the East and West Pollywogs ponds during the Plant 1 Turnaround Operation. The City now wishes to continue with the implementation of this project to remove sludge from the North/South Lagoons by installing and utilizing the FLUMP equipment and constructing a new transfer line that would convey sludge to Lagoon #7 (instead of the manhole). This project also includes cleaning the sludge deposit in Lagoon #7 to meet operational needs at ONSWTP.



FUNDING SCHEDULE (Amounts in 000's)

Use of Funds	Project-to-Date Obligations April 2015	Unspent Prior Budget as of May 2015	CIP Budget Year 1 2015 - 2016	Year 2 2016 - 2017	Year 3 2017 - 2018	Three Year Total	PROJECT NOTES:
Design & Engineering	239.2	130.0				-	Capital Budget Project No: 14007 Engineering Project No: E13052 Finance Project No: E13052 A/E Consultant: LNV, Inc. Contractor: TBD Award Design: September '14 Award Construction: TBD Anticipated Completion: TBD Total Project Value: \$4,000,000 TREATMENT
Construction		950.0	1,300.0	850.0		2,150.0	
Contingency		95.0	130.0	85.0		215.0	
Inspection/Other	12.0	73.8	70.0	65.0		135.0	
TOTAL:	251.2	1,248.8	1,500.0	1,000.0		2,500.0	
Source of Funds							
Revenue Bond	251.2	1,248.8	1,500.0	1,000.0		2,500.0	
TOTAL:	251.2	1,248.8	1,500.0	1,000.0		2,500.0	

OPERATIONAL IMPACT:

Procurement of interim sludge management design services until the completion of new Solids Handling and Disposal Facilities.

DEPARTMENT: Water

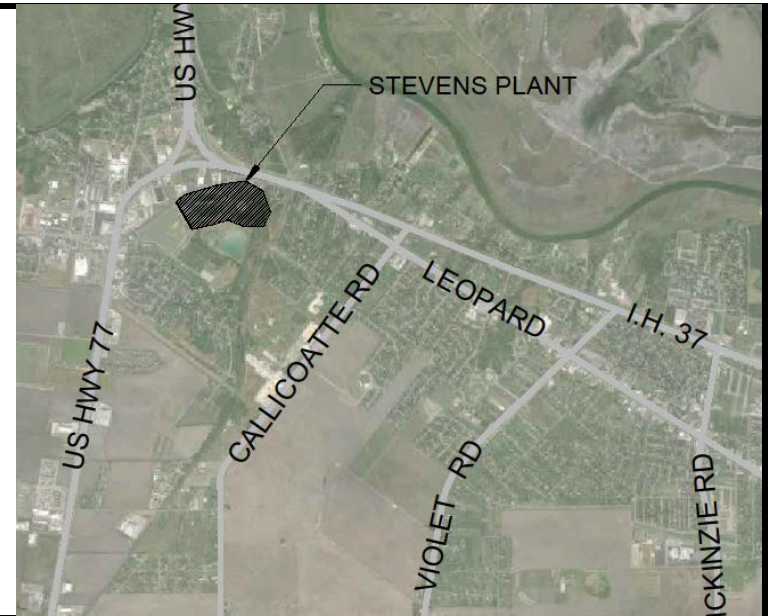
Sequence #09

PROJECT TITLE: ON Stevens Water Treatment Plant 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 process improvements, end-of-life equipment replacement, and unanticipated capital upgrades on an annual basis. The improvements will include but not limited to gradual replacement of filter media for 22 water filters; Plant-wide rehabilitation of driveways; storm water drainage repair and improvements; other capital improvements as warranted and based on available funding.



FUNDING SCHEDULE (Amounts in 000's)

Use of Funds	Project-to-Date Obligations April 2015	Unspent Prior Budget as of May 2015	CIP Budget Year 1 2015 - 2016	Year 2 2016 - 2017	Year 3 2017 - 2018	Three Year Total	PROJECT NOTES:
Design & Engineering	25.4		40.0	40.0	40.0	120.0	Capital Budget Project No: 14007 Engineering Project No: E13051 Finance Project No: E13051 A/E Consultant: Freese Nichols Contractor: TBD Award Design: December '15 Award Construction: On-Going Anticipated Completion: Fiscal Year '23 Total Project Value: \$10,100,000 TREATMENT
Construction		400.0	400.0	400.0	400.0	1,200.0	
Contingency		40.0	40.0	40.0	40.0	120.0	
Inspection/Other		34.0	20.0	20.0	20.0	60.0	
TOTAL:	25.4	474.0	500.0	500.0	500.0	1,500.0	
Source of Funds							
Revenue Bond	25.4	474.0	500.0	500.0	500.0	1,500.0	
TOTAL:	25.4	474.0	500.0	500.0	500.0	1,500.0	

OPERATIONAL IMPACT:

Reduced risk of unexpected equipment or facilities failure; Responsible, proactive replacement and upgrade instead of reactive emergency repair. Reduced cost of operation, predictable system performance.

DEPARTMENT: Water

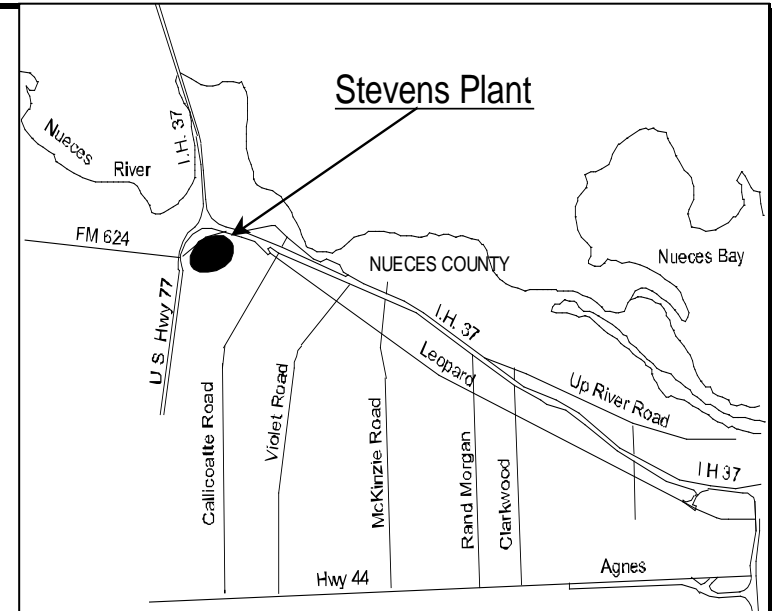
Sequence #10

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 system, also known as Supervisory Control and Data Acquisition (SCADA) system, allows a small team of operators effectively run a large, complex Water system. It makes the operation of the Plant or of the 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. The 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 the right decision-makers at the right time.



FUNDING SCHEDULE (Amounts in 000's)

Use of Funds	Project-to-Date Obligations April 2015	Unspent Prior Budget as of May 2015	CIP Budget Year 1 2015 - 2016	Year 2 2016 - 2017	Year 3 2017 - 2018	Three Year Total	PROJECT NOTES:
Design & Engineering	-	75.0				-	Capital Budget Project No: 10115
Construction	-	750.0				-	Engineering Project No: E13031
Contingency	-	75.0				-	Finance Project No: E13031
Inspection/Other	-	100.0				-	A/E Consultant: LNV, Inc.
TOTAL:	-	1,000.0				-	Contractor: TBD
Source of Funds							Award Design: December '15
Revenue Bond	-	1,000.0				-	Award Construction: October 2016
							Anticipated Completion: August 2017
TOTAL:	-	1,000.0				-	Total Project Value: \$1,000,000
							TREATMENT

OPERATIONAL IMPACT:

Improved 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.

DEPARTMENT: Water

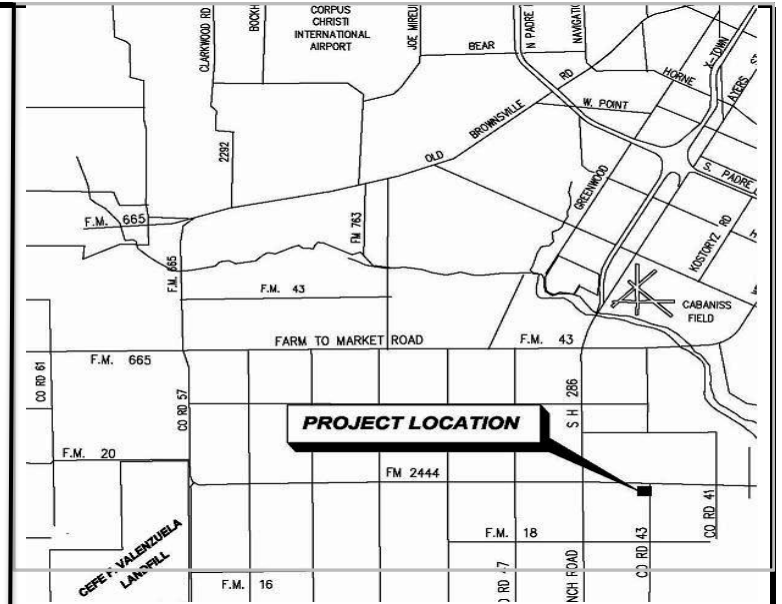
Sequence #11

PROJECT TITLE: Staples Street Pump Station Phase 2 - Third and Fourth Pumps

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

DESCRIPTION:

The South Staples Booster Pump Station is equipped with two high service pumps that presently serve the South Side service area. Current operations indicate that additional pumps may be needed to maintain the minimum required pressure. Upgraded pumping system will enable the pump station to meet upcoming demand associated with planned decommissioning of the Holly Rd. Pump Station. The project will address pumping backup requirements during pump maintenance. Addition of Variable Speed Drives (VSDs) will improve pumps life time and allow more efficient energy use. Electrical upgrades are also required in order to meet the Alternative Capacity Requirement (ACR) as required by the Texas Commission on Environmental Quality (TCEQ). Control system upgrade will allow the pump station to operate automatically, unmanned.



FUNDING SCHEDULE (Amounts in 000's)

Use of Funds	Project-to-Date Obligations April 2015	Unspent Prior Budget as of May 2015	CIP Budget Year 1 2015 - 2016	Year 2 2016 - 2017	Year 3 2017 - 2018	Three Year Total	PROJECT NOTES:
Design & Engineering	402.6					-	Capital Budget Project No: 13001 Engineering Project No: E12004 Finance Project No: E12004 A/E Consultant: Urban Eng. Contractor: TBD Award Design: April 2012 Award Construction: July 2016 Anticipated Completion: January 2017 Total Project Value: \$2,565,600
Construction		1,900.0				1,900.0	
Contingency		150.0				150.0	
Inspection/Other	13.0	100.0				100.0	
TOTAL:	415.6	2,150.0				2,150.0	
Source of Funds							
Revenue Bond	415.6	2,150.0				2,150.0	
TOTAL:	415.6	2,150.0				2,150.0	DISTRIBUTION

OPERATIONAL IMPACT:

Improved efficiencies should reduce current inefficient operational costs

DEPARTMENT: Water

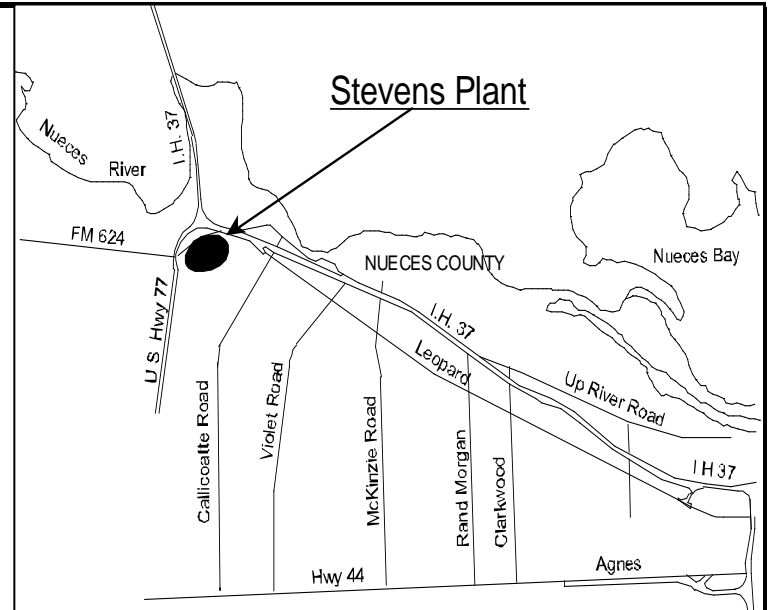
Sequence #12

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 of protecting 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 the service life of major transmission lines in Leopard Street and South Side Water Transmission from ON Stevens to Padre Island. Construction will take place in Fiscal Year 2015 - 2016 after receipt of the field survey report.



FUNDING SCHEDULE (Amounts in 000's)

Use of Funds	Project-to-Date Obligations April 2015	Unspent Prior Budget as of May 2015	CIP Budget Year 1 2015 - 2016	Year 2 2016 - 2017	Year 3 2017 - 2018	Three Year Total	PROJECT NOTES:
Design & Engineering	46.8					-	Capital Budget Project No: 14005 Engineering Project No: E15093 Finance Project No: E15093 A/E Consultant: Russell Corrosion Contractor: TBD Award Design: May 2015 Award Construction: TBD Anticipated Completion: TBD Total Project Value: \$2,000,000
Construction		1,800.0				-	
Contingency		100.0				-	
Inspection/Other	2.0	51.2				-	
TOTAL:	48.8	1,951.2				-	
Source of Funds							
Revenue Bond	48.8	1,951.2				-	
TOTAL:	48.8	1,951.2				-	TREATMENT

OPERATIONAL IMPACT:

Cathodic Protection design of Water Transmission Infrastructure will extend useful service life of infrastructure asset.

DEPARTMENT: Water

Sequence #13

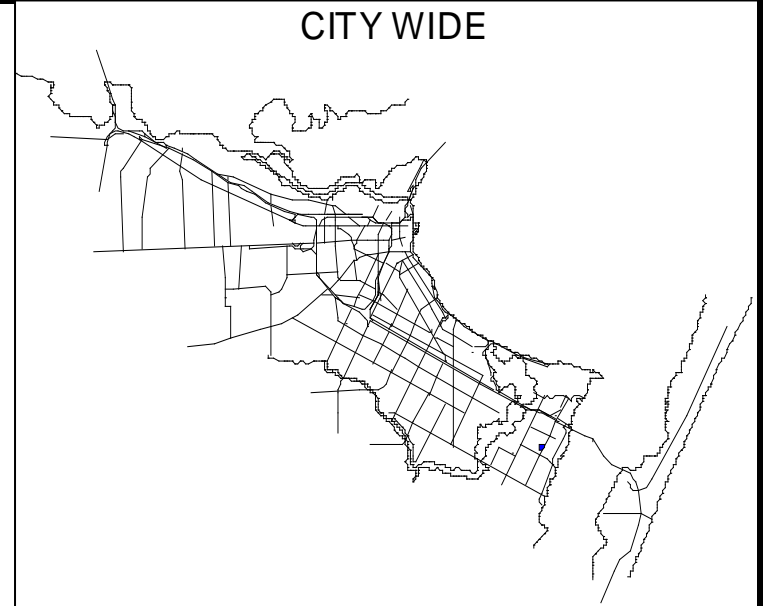
CITY WIDE

PROJECT TITLE: Water Meter and Automated Meter Reading Improvements

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

DESCRIPTION:

The City of Corpus Christi currently operates approximately 94,000 water meters. Due to new development and upgrades in our Automatic Meter Reading (AMR) infrastructure, it is deemed necessary to maintain adequate stock levels of meters and AMR components (Meter Transmission Units - MTU's). City will be upgrading approximately 4000 MTU's; the additional units requested will allow us to maintain sufficient stock levels needed for future development and regular maintenance of our AMR smart meter program. City technicians will replace water meters and AMR components in the distribution system when maintenance activities are concluded.



FUNDING SCHEDULE (Amounts in 000's)

Use of Funds	Project-to-Date Obligations April 2015	Unspent Prior Budget as of May 2015	CIP Budget Year 1 2015 - 2016	Year 2 2016 - 2017	Year 3 2017 - 2018	Three Year Total	PROJECT NOTES:
Design & Engineering							Capital Budget Project No: 14006 Engineering Project No: E13049 Finance Project No: E13049 A/E Consultant: N/A Contractor: In-House Award Design: N/A Award Construction: N/A Anticipated Completion: N/A Total Project Value: \$2,250,000
Construction		500.0	250.0	250.0	250.0	750.0	
Contingency						-	
Inspection/Other						-	
TOTAL:		500.0	250.0	250.0	250.0	750.0	
Source of Funds							
Revenue Bond		500.0	250.0	250.0	250.0	750.0	
TOTAL:		500.0	250.0	250.0	250.0	750.0	TREATMENT

OPERATIONAL IMPACT:

Reduced lead time for material purchase and adequate stock levels of meters, registers and MTU's will expedite troubleshooting calls and will minimize repeat visits due to lack of product inventory.

DEPARTMENT: Water

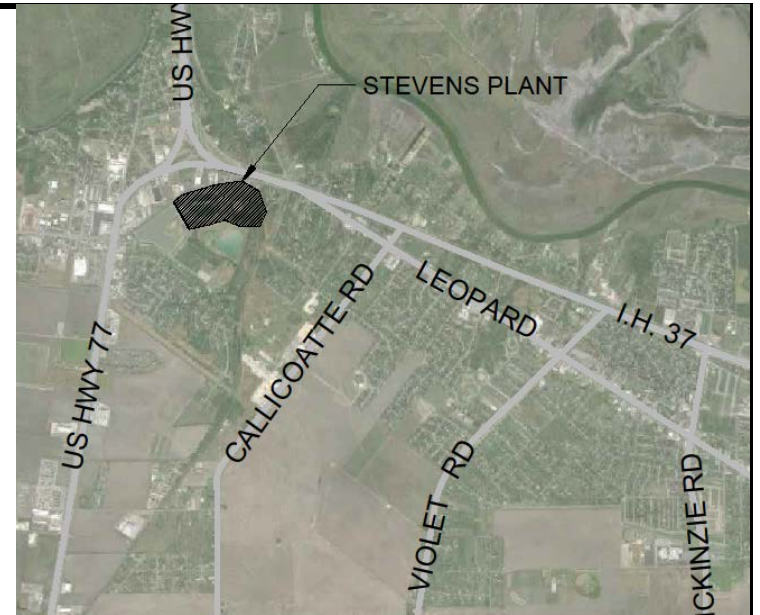
Sequence #14

PROJECT TITLE: ON Stevens Water Treatment Plant Clearwell No. 1 Repair

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

DESCRIPTION:

This project will address the structural rehabilitation requirements to extend the lifespan of the 60-year old Clearwell No.1 at ONSWTP. Rehabilitation of the clearwell will include repairs on the foundation system, a support column and the beam within the roof structure. Additional maintenance will include crack repairs.



FUNDING SCHEDULE (Amounts in 000's)

Use of Funds	Project-to-Date Obligations April 2015	Unspent Prior Budget as of May 2015	CIP Budget Year 1 2015 - 2016	Year 2 2016 - 2017	Year 3 2017 - 2018	Three Year Total	PROJECT NOTES:
Design & Engineering			100.0	-		100.0	Capital Budget Project No: 16-001
Construction			350.0	440.0		790.0	Engineering Project No: E15156
Contingency			35.0	40.0		75.0	Finance Project No: E15156
Inspection/Other			15.0	20.0		35.0	A/E Consultant: LNV, Inc.
TOTAL:			500.0	500.0		1,000.0	Contractor: TBD
Source of Funds							Award Design: October 2015
Revenue Bond			500.0	500.0		1,000.0	Award Construction: July 2016
							Anticipated Completion: December '16
TOTAL:			500.0	500.0		1,000.0	Total Project Value: \$1,000,000
							TREATMENT

OPERATIONAL IMPACT:

The recommended rehabilitation and maintenance will extend the operational life of Clearwell No.1 by approximately 10 years while consideration is given to future storage needs at ONSWTP.

DEPARTMENT: Water

Sequence #15

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. The expansion and improvements of the existing Utility Building will provide more office space and create efficiencies for the Utilities Department. This project includes the architectural renovation and structural improvements to meet requirements of the latest building codes.



FUNDING SCHEDULE (Amounts in 000's)

Use of Funds	Project-to-Date Obligations April 2015	Unspent Prior Budget as of May 2015	CIP Budget Year 1 2015 - 2016	Year 2 2016 - 2017	Year 3 2017 - 2018	Three Year Total	PROJECT NOTES:
Design & Engineering			350.0	-		350.0	Capital Budget Project No: 16-002 Engineering Project No: E15157 Finance Project No: E15157 A/E Consultant: TBD Contractor: TBD Award Design: October 2015 Award Construction: TBD Anticipated Completion: TBD Total Project Value: \$4,400,000
Construction				850.0	1,700.0	2,550.0	
Contingency				85.0	170.0	255.0	
Inspection/Other			50.0	65.0	130.0	245.0	
TOTAL:			400.0	1,000.0	2,000.0	3,400.0	
Source of Funds							
Revenue Bond			400.0	1,000.0	2,000.0	3,400.0	
TOTAL:			400.0	1,000.0	2,000.0	3,400.0	ADMINISTRATIVE

OPERATIONAL IMPACT:

The proposed expansion will improve the operational capacity of Utilities Department and provide operational efficiencies.

DEPARTMENT: Water

Sequence #16

CITY WIDE

**PROJECT TITLE: Texas Department of Transportation Water Line Relocation
(HARBOR BRIDGE)**

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

DESCRIPTION:

The objective of this project is to relocate any water lines as required by the Texas Department of Transportation (TxDOT). These funds are dedicated to the proposed Harbor Bridge easement to meet the construction schedule of Harbor Bridge project. TxDOT will be responsible for the design and construction of any utility relocations and the City will participate through funding assistance.



FUNDING SCHEDULE (Amounts in 000's)

Use of Funds	Project-to-Date Obligations April 2015	Unspent Prior Budget as of May 2015	CIP Budget Year 1 2015 - 2016	Year 2 2016 - 2017	Year 3 2017 - 2018	Three Year Total	PROJECT NOTES:
Design & Engineering Construction Contingency Inspection/Other			4,400.0			4,400.0	Capital Budget Project No: 16-003 Engineering Project No: E15158 Finance Project No: E15158 A/E Consultant: TBD
TOTAL:			4,400.0			4,400.0	Contractor: N/A
Source of Funds							Award Design: N/A
Revenue Bond			4,400.0			4,400.0	Award Construction: N/A Anticipated Completion: N/A
TOTAL:			4,400.0			4,400.0	TRANSMISSION

OPERATIONAL IMPACT:

The operational impact of this project is negligible, but it is required to facilitate construction of the new Harbor Bridge.

DEPARTMENT: Water

Sequence #17

PROJECT TITLE: Developer Utility Participation - Water

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

DESCRIPTION:

Under the Platting Ordinance, the City participates with developers on utility construction for over-sized main lines (via Trust Funds). This project will provide for the City's share of such projects as necessary up to the approved amount.



FUNDING SCHEDULE (Amounts in 000's)

Use of Funds	Project-to-Date Obligations April 2015	Unspent Prior Budget as of May 2015	CIP Budget Year 1 2015 - 2016	Year 2 2016 - 2017	Year 3 2017 - 2018	Three Year Total	PROJECT NOTES:
Design & Engineering Construction Contingency Inspection/Other		300.0	100.0	100.0	100.0	300.0	Capital Budget Project No: 12005 Engineering Project No: E12213 Finance Project No: E12213 A/E Consultant: TBD
TOTAL:		300.0	100.0	100.0	100.0	300.0	Contractor: TBD
Source of Funds							Award Design: TBD
Revenue Bond		200.0	100.0	100.0	100.0	300.0	Award Construction: TBD
TOTAL:		200.0	100.0	100.0	100.0	300.0	Anticipated Completion: TBD Total Project Value: \$1,600,000

OPERATIONAL IMPACT:

This item should increase water revenues through additional customer usage.

DEPARTMENT: Water

Sequence #18

PROJECT TITLE: Naval Air Station Water Distribution Infrastructure Improvements

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

DESCRIPTION:

This project will improve the water infrastructure at Naval Air Station Corpus Christi. A 16-inch C900 water line will be placed to improve water pressures and improve existing water residuals. The proposed line will tie into an existing water main and run approximately 12,500 linear feet into the Naval Air Station Facility.



FUNDING SCHEDULE (Amounts in 000's)

Use of Funds	Project-to-Date Obligations April 2015	Unspent Prior Budget as of May 2015	CIP Budget Year 1 2015 - 2016	Year 2 2016 - 2017	Year 3 2017 - 2018	Three Year Total	PROJECT NOTES:
Design & Engineering		450.0	-	-	-	-	Capital Budget Project No: 15001 Engineering Project No: E15159 Finance Project No: E15159 A/E Consultant: TBD Contractor: TBD Award Design: TBD Award Construction: TBD Anticipated Completion: TBD Total Project Value: \$5,000,000
Construction			-	-	3,000.0	3,000.0	
Contingency			-	-	300.0	300.0	
Inspection/Other		50.0	-	-	200.0	200.0	
TOTAL:		500.0	-	-	3,500.0	3,500.0	
Source of Funds							
Revenue Bond		500.0	-	-	3,500.0	3,500.0	
TOTAL:		500.0	-	-	3,500.0	3,500.0	DISTRIBUTION

OPERATIONAL IMPACT:

The extension of the service life of water mains is critical to ensuring the integrity of the system. This project itself does not increase revenue or decrease expenses, but it prevents the cost of maintenance from rising.

DEPARTMENT: Water

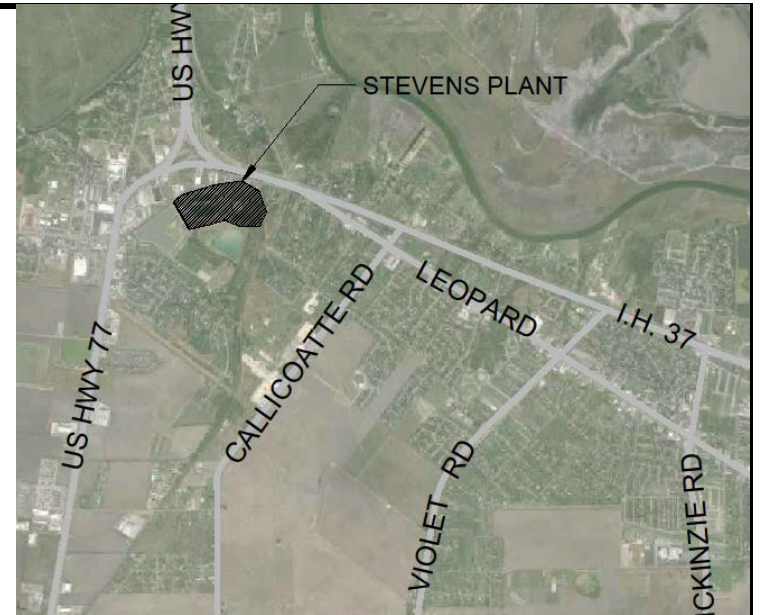
Sequence #19

PROJECT TITLE: ON Stevens Water Treatment Plant 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 consists of planning, design, and construction activities associated with the generation, collection, handling, and temporary disposal of solids and sludge generated at the O.N. Stevens Water Treatment Plant. The design and construction of permanent sludge disposal facilities will be handled as part of a separate project. This project will evaluate alternatives for solids handling. Currently, the pre-sedimentation basins and north and south lagoons serve as a temporary storage of water treatment residuals; when they are full, these residuals are pumped to the Pollywog Ponds. The Pollywog Ponds are nearing capacity and new methods of solids handling and disposal need to be identified and implemented. This project will address dredging, modifications/upgrades, and rehabilitation of temporary storage facilities and will evaluate options for long term solids disposal.



FUNDING SCHEDULE (Amounts in 000's)

Use of Funds	Project-to-Date Obligations April 2015	Unspent Prior Budget as of May 2015	CIP Budget Year 1 2015 - 2016	Year 2 2016 - 2017	Year 3 2017 - 2018	Three Year Total	PROJECT NOTES:
Design & Engineering					300.0	300.0	Capital Budget Project No: 16-004
Construction					1,000.0	1,000.0	Engineering Project No: 8607
Contingency					100.0	100.0	Finance Project No: 180195
Inspection/Other					75.0	75.0	A/E Consultant: RFQ
TOTAL:					1,475.0	1,475.0	Contractor: TBD
Source of Funds							Award Design: TBD
Revenue Bond					1,475.0	1,475.0	Award Construction: TBD
TOTAL:					1,475.0	1,475.0	Anticipated Completion: TBD Total Project Value: \$3,275,000 TREATMENT

OPERATIONAL IMPACT:

Providing solids material handling at the water plant is essential to water plant operations and for compliance with TCEQ permit regulations. Without a place to dispose of solids the Plant will not be able to treat water.

DEPARTMENT: Water

Sequence #20

PROJECT TITLE: ON Stevens Water Treatment Plant Chlorine Storage and Handling Facilities

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

DESCRIPTION:

O.N. Stevens Water Treatment Plant currently uses chlorine gas to form monochloramines, the primary disinfectant used to treat water. 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 provide necessary improvements to storage and handling infrastructure including, but not limited to, ventilation, storage vessel handling, leak detection, alarm system, emergency containment, and process measurement and control. This project is necessary for the safety of the plant and department personnel.



FUNDING SCHEDULE (Amounts in 000's)

Use of Funds	Project-to-Date Obligations April 2015	Unspent Prior Budget as of May 2015	CIP Budget Year 1 2015 - 2016	Year 2 2016 - 2017	Year 3 2017 - 2018	Three Year Total	PROJECT NOTES:
Design & Engineering					700.0	700.0	Capital Budget Project No: 16-004
Construction					2,000.0	2,000.0	Engineering Project No: E10144
Contingency					200.0	200.0	Finance Project No: E10144
Inspection/Other					100.0	100.0	A/E Consultant: RFQ
TOTAL:					3,000.0	3,000.0	Contractor: TBD
Source of Funds							Award Design: TBD
Revenue Bond					3,000.0	3,000.0	Award Construction: TBD
TOTAL:					3,000.0	3,000.0	Anticipated Completion: TBD Total Project Value: \$7,000,000 ADMINISTRATION

OPERATIONAL IMPACT:

Proposed improvements will increase safety and containment, upgrade leak detection and leak mitigation facilities as well as process monitoring and control. Costs should be decreased through better handling of caustic material.

DEPARTMENT: Water

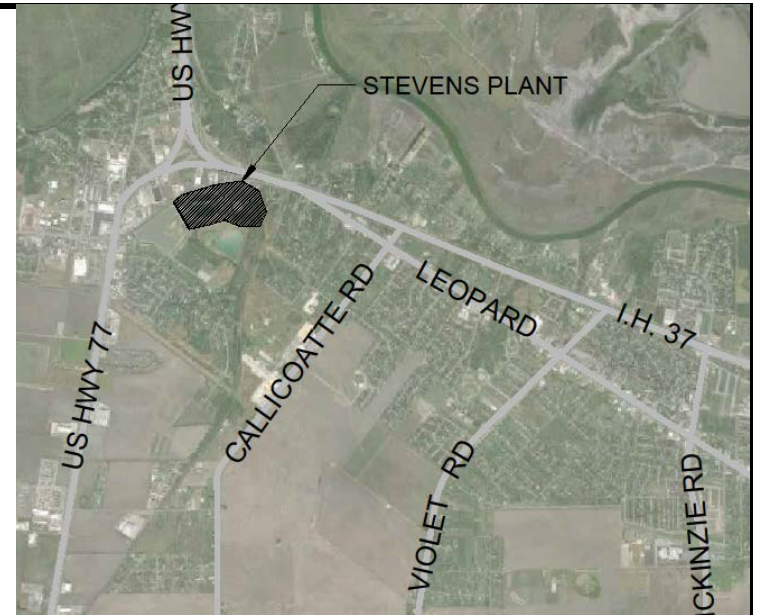
Sequence #21

PROJECT TITLE: ON Stevens Water Treatment Plant Electrical Distribution Improvements

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

DESCRIPTION:

This project will address ONSWTP plant-wide electrical upgrades. Existing electrical equipment is nearing the end of its design life and needs to be replaced. The project will integrate all new and existing electrical power equipment into a monitoring network with diagnostic and remote management capability. Cable trays will be extended to allow maximum flexibility and redundancy in power delivery.



FUNDING SCHEDULE (Amounts in 000's)

Use of Funds	Project-to-Date Obligations April 2015	Unspent Prior Budget as of May 2015	CIP Budget Year 1 2015 - 2016	Year 2 2016 - 2017	Year 3 2017 - 2018	Three Year Total	PROJECT NOTES:
Design & Engineering					350.0	350.0	Capital Budget Project No: 16-004
Construction					550.0	550.0	Engineering Project No: E15160
Contingency					50.0	50.0	Finance Project No: E15160
Inspection/Other					50.0	50.0	A/E Consultant: TBD
TOTAL:					1,000.0	1,000.0	Contractor: TBD
Source of Funds							Award Design: TBD
Revenue Bond					1,000.0	1,000.0	Award Construction: TBD
TOTAL:					1,000.0	1,000.0	Anticipated Completion: TBD Total Project Value: \$3,500,000

OPERATIONAL IMPACT:

This project will help avoiding plant shutdowns due to aged electrical equipment. Power consumption monitoring for optimization will reduce operational cost.

DEPARTMENT: Water

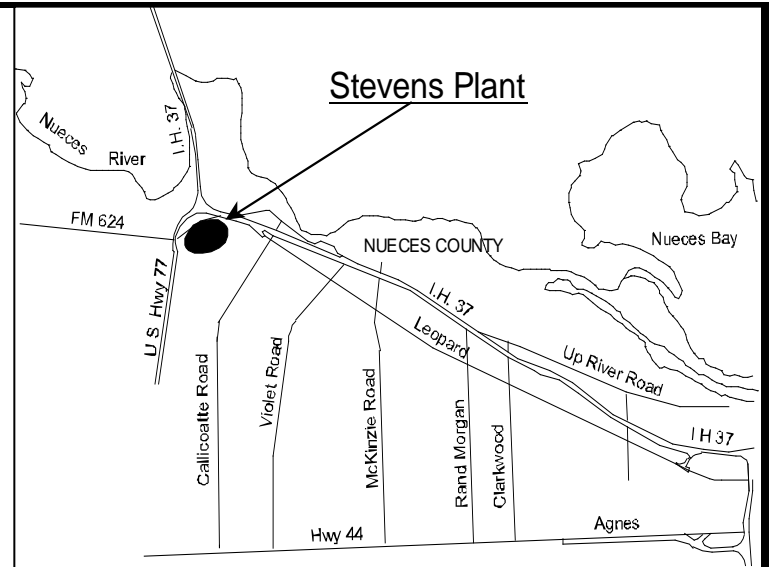
Sequence #22

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:

A major upgrade to the existing pumping facility is needed to meet current and future peak water demands. The Nueces River Pump Station provides raw water to the ON Stevens Water Treatment Plant (ONSWTP). The station consists of two pump buildings. Pump Bldg 1 is over 50 years old and four of its pumps were struck by lightning several years ago and were damaged beyond economic repair. The pumping capacity for the Nueces River Pump Station is 140.5 Million Gallons Daily (MGD), when all six (6) available raw water pumps are operational. The Firm Capacity (defined as system delivery capacity with the largest single water well or production unit out of service) is 103.0 million gallons per day (MGD). The ONS WTP's maximum raw water intake for the last four (4) years is 132 MGD; the Nueces River Pump Station is currently unable to draw enough water to meet this peak. The Mary Rhodes Pipeline currently conveys 30 MGD of raw water, which will not meet the peak demand should a failure occur in the Nueces River Pump Stations. This project will also address redundant electric power source for the pump station.



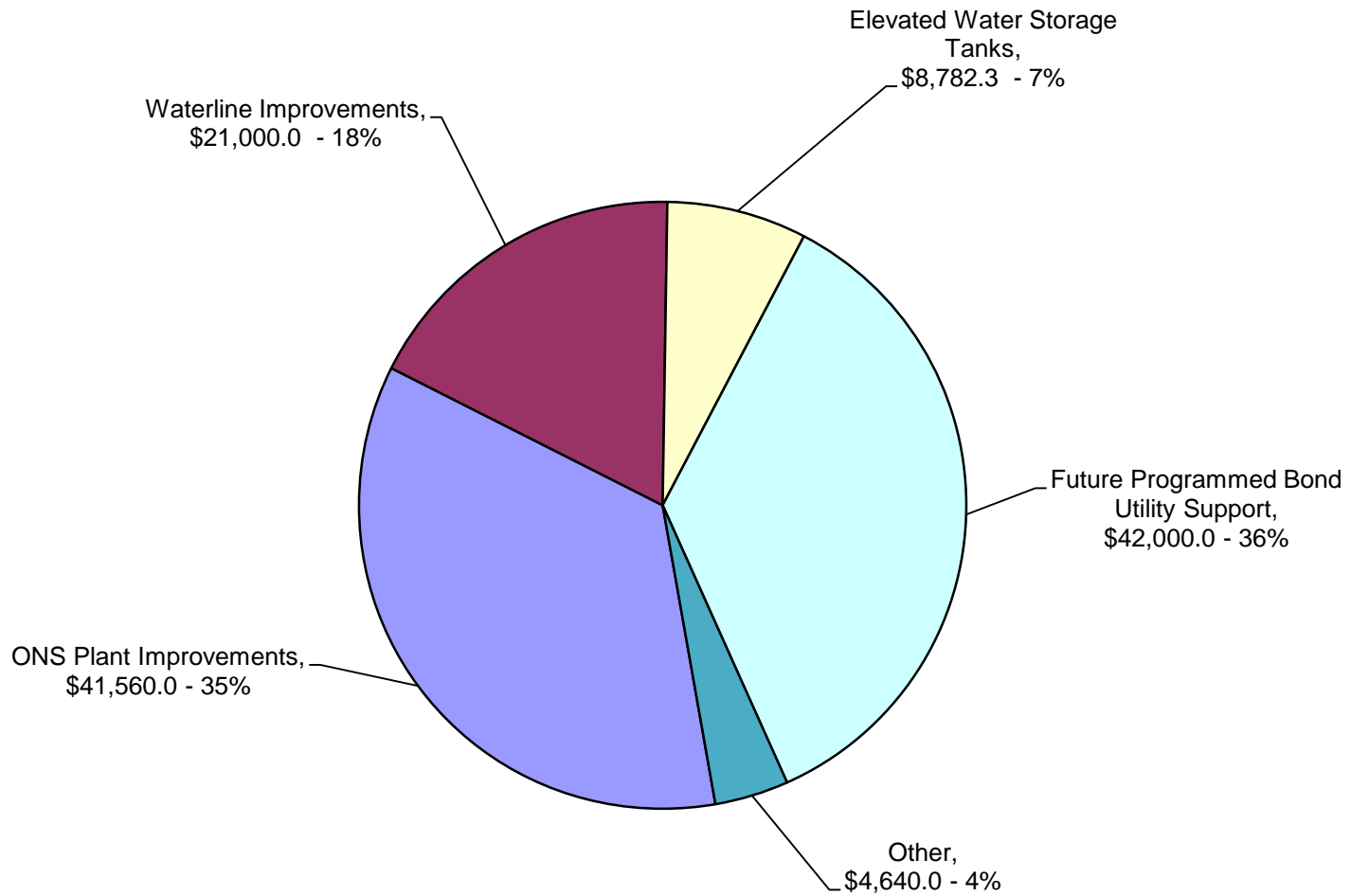
FUNDING SCHEDULE (Amounts in 000's)

Use of Funds	Project-to-Date Obligations April 2015	Unspent Prior Budget as of May 2015	CIP Budget Year 1 2015 - 2016	Year 2 2016 - 2017	Year 3 2017 - 2018	Three Year Total	PROJECT NOTES:
Design & Engineering/Permitting	1,775.4					-	Capital Budget Project No: 11007
Construction		5,500.0	6,000.0	5,500.0		11,500.0	Engineering Project No: E11068
Contingency		600.0	300.0	300.0		600.0	Finance Project No: E11068
Inspection/Other	17.6	521.5	200.0	200.0		400.0	A/E Consultant: Urban Eng.
TOTAL:	1,793.0	6,621.5	6,500.0	6,000.0		12,500.0	Contractor: TBD
Source of Funds							Award Design: September '14
Revenue Bond	1,793.0	6,621.5	6,500.0	6,000.0		12,500.0	Award Construction: July 2016
							Anticipated Completion: September '17
TOTAL:	1,793.0	6,621.5	6,500.0	6,000.0		12,500.0	Total Project Value: \$22,714,700
							TREATMENT

OPERATIONAL IMPACT:

This project provides for an 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 the ONSWTP is faced with peak water demands, the City could face water shortages, a less than favorable public image.

Water
Long-Range CIP: \$117,982.3
(Amounts in 000's)

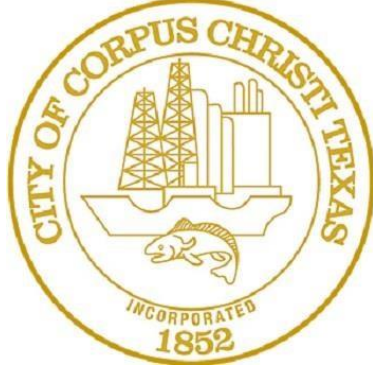


		<u>Long-Range Year</u>
1	<u>Programmed Water Line Service Life Extension (continued)</u> This project provides for a strategic lifecycle program development and cost benefit analysis for the City's approximate 1,368 miles of distribution lines. The project will identify and prioritize capital improvement projects (CIP) in a phased approach to extend the service life of the lines 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 the lifecycle improvements will maximize CIP investments increasing capacity of the system and deferring unnecessary major upgrades to pump stations and plants. Analysis and design will be completed in years one and two with construction to begin in years three through ten.	\$20,000,000 4, 5, 6, 7, 8
2	<u>Elevated Water Storage Tanks - Citywide (continued)</u> The existing distribution system pressures are maintained primarily by valves and pump stations. This project will provide multiple 2MGD elevated storage tanks, city-wide, that will reduce operating cost and improve pressure and reliability. This is part of the City's master plan and address TCEQ elevated storage requirements. The new tanks will be approximately 170LF tall and will require a series of tanks throughout the city to balance the pressures. Design will begin in year one and construction will take place over a series of years dependent upon availability of funding.	\$8,782,300 4, 5, 6, 7
3	<u>Water Program Management (continued)</u> This project provides a mechanism to fund programmatic planning, oversight and implementation of capital improvement projects. The purpose of this item is to ensure that the technical, fiscal and operational aspects of all Capital Improvements Projects for the Water Department are fully funded and managed on a full-time basis, to include integration with maintenance and repair projects. This project will provide a holistic approach to the management of projects and consider efficient project sequencing and overall master planning for the water program. In order to properly manage these projects, the individual or group of individuals must have comprehensive knowledge and experience in Surface Water Treatment (to include raw water pump stations) and Water Distribution Systems; project management; and program management. We envision this to be a recurring requirement over the next 10 to 15 years.	\$1,250,000 4, 5, 6, 7, 8
4	<u>ON Stevens Water Treatment Plant Site Infrastructure Improvements (continued)</u> This project will serve as a mechanism to execute major facility and process improvements, end-of-life equipment replacement, and unanticipated capital upgrades on annual basis. The improvements will include but not limited to gradual replacement of filter media for 22 water filters; Plant-wide rehabilitation of driveways; storm water drainage repair and improvements; other capital improvements as warranted and based on available funding.	\$8,100,000 4, 5, 6

		Long-Range Year
5	<u>Water Meter and Automated Meter Reading Replacements (continued)</u> The City of Corpus Christi currently operates approximately 94,000 water meters. Due to new development and upgrades in our Automatic Meter Reading (AMR) infrastructure, it is deemed necessary to maintain adequate stock levels of meters and AMR components (Meter Transmission Units - MTU's). City will be upgrading approximately 4000 MTU's; the additional units requested will allow us to maintain sufficient stock levels needed for future development and regular maintenance of our AMR smart meter program. City technicians will replace water meters and AMR components in the distribution system when maintenance activities are concluded.	\$1,250,000 4, 5, 6, 7, 8
6	<u>Utility Building Expansion (continued)</u> The existing Utility Building at Holly Road cannot meet the City's progressive office and work area needs. The expansion and improvements of the existing Utility Building will provide more office space and create efficiencies for the Utilities Department. This project includes the architectural renovation and structural improvements to meet requirements of the latest building codes.	\$1,000,000 4
7	<u>Developer Participation - Water (continuation)</u> Under the Platting Ordinance, the City participates with developers on utility construction for over-sized main lines (Trust Fund). This project will provide for the City's share of such projects as necessary up to the approved amount.	\$600,000 4, 5, 6, 7, 8, 9,
8	<u>NAS Water Distribution Infrastructure Improvements (continuation)</u> This project will improve the water infrastructure at Naval Air Station Corpus Christi. A 16-inch C900 water line will be placed to improve water pressures and improve existing water residuals. The proposed line will tie into an existing water main and run approximately 12,500 linear feet into the Naval Air Station Facility.	\$1,000,000 4
9	<u>ON Stevens Water Treatment Plant Solids Handling and Disposal Facilities (continuation)</u> This project will consist of planning, design, and construction activities associated with the generation, collection, handling, and temporary disposal of solids and sludge generated at the O.N. Stevens Water Treatment Plant. The design and construction of new and permanent sludge disposal facilities will be handled as part of a separate project. This project will evaluate alternatives for solids handling. Currently, the pre-sedimentation basins and north and south lagoons serve as temporary storage of water treatment residuals; when they are full, these residuals are pumped to the Pollywog Ponds. The Pollywog Ponds are nearing capacity, and new methods of solids handling and disposal need to be identified and implemented. This project will address dredging, modifications/upgrades, and rehabilitation of temporary storage facilities such as the pre-sedimentation basin. The design and construction services associated with these activities will also be funded under this project. In addition, this project will evaluate options for long term solids disposal; however, the design and construction activities related to new sludge disposal facilities will not be funded under this project.	\$1,800,000 4

		Long-Range Year
10	<u>ON Stevens Water Treatment Plant Chlorine Storage and Handling Facilities Imps. (continuation)</u> O.N. Stevens Water Treatment Plant currently uses chlorine gas to form monochloramines, the primary disinfectant. 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 provide necessary improvements to storage and handling infrastructure including but not limited to ventilation, storage vessel handling, leak detection, alarm system, emergency containment, and process measurement and control.	\$4,000,000 4, 5
11	<u>ON Stevens Water Treatment Plant Electrical Distribution Improvements</u> The electrical equipment at the O.N. Stevens Water Treatment Plant (ONSWTP) was installed under various construction contracts over the past 50 years. Some of the equipment is obsolete and replacement parts are no longer available and some of the equipment is deteriorated beyond economic repair. Current funding will equip the ONSWTP with a new 5KV redundant electrical supply feeder that will loop around the plant. This new feeder will complete an electrical supply loop around the facility and create an alternate route should the power supply be interrupted. Electrical power will be routed through new Power Control Rooms designed to supply power to various process control systems.	\$2,500,000 4-Jan
12	<u>ON Stevens Water Treatment Plant Clearwell No. 3</u> This project will provide for a new clearwell at the ON Stevens Water Treatment Plant when demand occurs.	\$23,000,000 6, 7, 8, 9, 10
13	<u>ON Stevens Water Treatment Plant Alternate Power -Generator #4</u> This project will provide an additional power source at the water plant to keep up with the power demand as the plant operations continue to expand to increase water treatment capacity. This project will also provide a back-up power supply for operations at the plant.	\$1,215,000 9
14	<u>Construct Monofill on Site</u> This project accompanies the ON Stevens Solids Handling facilities and needs to be in place when the facility is completed. Additional costs will be incurred in later years, but are not shown here.	\$540,000 9+
15	<u>ONS WTP Improvements to Presedimentation Basin</u> This project will provide improvements to increase the sedimentation detention time through construction of baffle walls or other means to rectify the short circuiting problem the plant is currently experiencing. Additional costs will be incurred in later years, but are not shown here.	\$945,000 9+

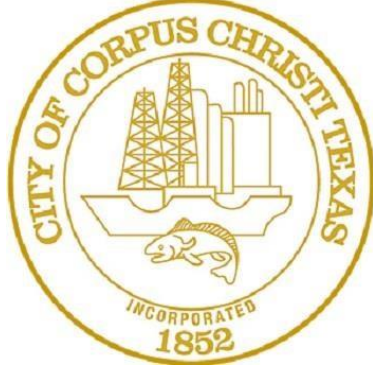
		<u>Long-Range Year</u>
16 Future Programmed Bond Utility Support - Water	\$42,000,000	
This project supports General Obligation Bond, Texas Department of Transportation, and Community Development Block Grant required utility relocations as needed.		4, 5, 6, 7, 8, 9
<u>TOTAL FUTURE CAPITAL IMPROVEMENT NEEDS:</u>	<u>\$117,982,300</u>	

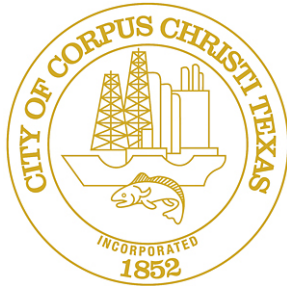




WASTEWATER

Obligation to the Future





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.

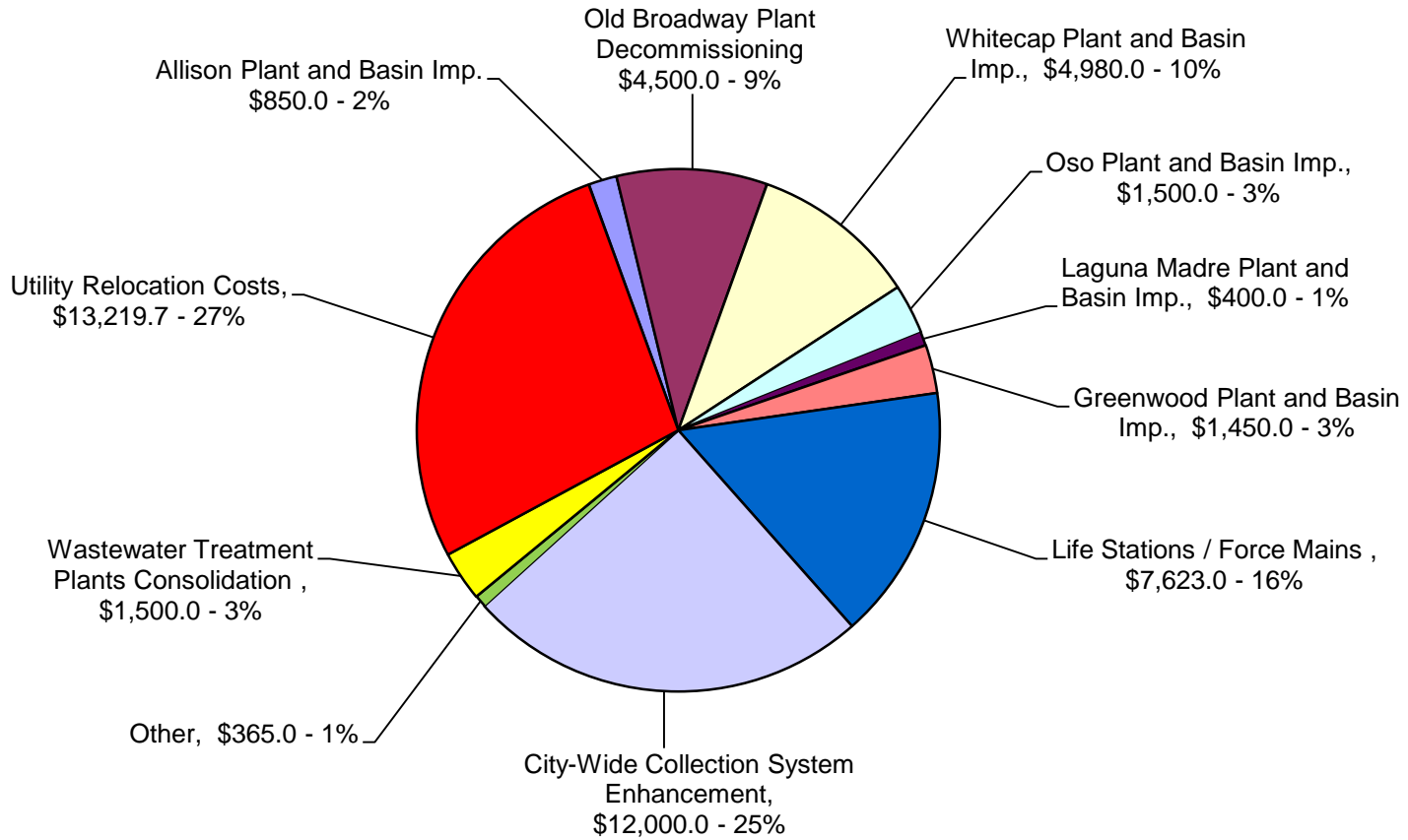
Over the next several years, the integrity of the City's Wastewater facilities will be secured through projects planned to provide additional capacity, emergency power, regulatory compliance and replacement of aging infrastructure. In a proactive approach, an evaluation of the wastewater lines in the 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.

A new project included in this year's Wastewater Capital Improvement Program is the first step in exploring the viability of consolidating the City's wastewater treatment plants. The objective of the project is to determine the optimal long-range wastewater treatment plant upgrade, consolidation and trunk sewer / pumping scenario. The optimal strategy will minimize the impact to ratepayers from recommended improvements. After determining the optimal strategy, an improvements implementation plan will be developed which will elaborate logical project limits for procurement, project sequencing, overall program schedule and budgets for each element.

A recap of the budgeted expenditures includes:

EXPENDITURES:	YEAR ONE 2015 – 2016	YEAR TWO 2016 – 2017	YEAR THREE 2017 – 2018
TOTAL PROGRAMMED EXPENDITURES:	\$ 48,387,700	\$ 55,463,400	\$ 57,112,300
FUNDING:			
New Debt (Revenue Bonds):	\$ 48,387,700	\$ 55,463,400	\$ 57,112,300
TOTAL PROGRAMMED FUNDS:	\$ 48,387,700	\$ 55,463,400	\$ 57,112,300

**Wastewater
Annual CIP: \$48,387.7
(Amounts in 000's)**



Seq #	Project Name	Project-to-Date Obligations April 2015	Unspent Prior Budget as of May 2015	CIP Budget Year 1 2015 - 2016	Year 2 2016 - 2017	Year 3 2017 - 2018	Three Year Total
WW 01	Whitecap Wastewater Treatment Plant UV System Upgrade Finance and Engineering Number: E10179	783.0	2,391.2	4,500.0	1,400.0	-	5,900.0
WW 02	City-Wide Collection System IDIQ (SSOI) Finance and Engineering Number: E12161 / 150164 / E14015 / E15209 / E15089 / e15175	15,777.8	6,804.2	10,000.0	11,000.0	11,000.0	32,000.0
WW 03	Laguna Shores Road Force Main Replacement Finance and Engineering Number: E10054	90.4	4,303.4	2,223.0	-	-	2,223.0
WW 04	Oso Water Reclamation Plant Nutrient Removal & Re-rate to 18 MGD, Phase 2 (FINAL) Finance and Engineering Number: E12206	10,030.1	809.9	1,500.0	14,800.0	14,000.0	30,300.0
WW 05	Laguna Madre WWTP Head Works & Bar Screen Improvements Finance and Engineering Number: E10048	413.2	3,472.8	400.0	-	-	400.0
WW 06	Capacity Assessment Improvements Finance and Engineering Number: E14053	-	500.0	2,000.0	2,000.0	2,000.0	6,000.0
WW 07	Greenwood WWTP Electrical Improvements to UV System Finance and Engineering Number: E10180	-	1,280.0	1,450.0	2,500.0	3,500.0	7,450.0
WW 08	McBride Lift Station and Force Main Improvements Finance Number: 200452 / E14054 Engineering Number: 7287 / E14054	1,848.5	2,400.0	1,900.0	-	-	1,900.0

Seq #	Project Name	Project-to-Date Obligations April 2015	Unspent Prior Budget as of May 2015	CIP Budget Year 1 2015 - 2016	Year 2 2016 - 2017	Year 3 2017 - 2018	Three Year Total
WW 09	Lift Station Repairs - Citywide Finance and Engineering Number: E10142	1,053.8	1,826.0	2,000.0	2,000.0	1,000.0	5,000.0
WW 10	Sharpsburg Lift Station Upgrade & Up River Road Force Main Rehabilitation Finance Number: 150265 Engineering Number: 7389	500.2	4,017.0	-	-	-	-
WW 11	Allison Wastewater Treatment Plant Lift Station and Plant Improvements Finance and Engineering Number: E10043	244.0	4,300.0	-	-	-	-
WW 12	Old Broadway Wastewater Plant Decommissioning Finance and Engineering Number: E12159	1,728.8	2,878.2	4,500.0	-	-	4,500.0
WW 13	Citywide Wastewater Lift Station Alternate Power Supply Finance Number: 150785 Engineering Number: 7427	1.9	280.0	1,500.0	1,825.0	3,950.0	7,275.0
WW 14	Unanticipated Wastewater Capital Requirements Finance and Engineering Number: E12204	-	450.0	150.0	250.0	250.0	650.0
WW 15	Allison WWTP Process Upgrade and Replacement Finance Number: E10045 Engineering Number: E10045	-	-	850.0	5,800.0	5,800.0	12,450.0
WW 16	Greenwood Wastewater Treatment Plant Emissions & Odor Control Improvements Finance and Engineering Number: E10047	96.4	2,108.4	-	-	-	-

Seq #	Project Name	Project-to-Date Obligations April 2015	Unspent Prior Budget as of May 2015	CIP Budget Year 1 2015 - 2016	Year 2 2016 - 2017	Year 3 2017 - 2018	Three Year Total
WW 17	Whitecap Wastewater Treatment Plant Odor Control, Process and Bulkhead Improvements Finance and Engineering Number: E10053	-	-	480.0	2,700.0	2,300.0	5,480.0
WW 18	Homeland Security Improvements Finance Number: 150805 Engineering Number: 7430	5.1	269.3	90.0	-	-	90.0
WW 19	Wetlands Mitigation Bank Finance and Engineering Number: E10017	41.2	-	50.0	100.0	-	150.0
WW 20	Developer Utility Participation - Wastewater Finance and Engineering Number: E12208	16.8	183.2	75.0	112.5	113.0	300.5
WW 21	Wastewater Treatment Plants Consolidation Finance Number: E15145 Engineering Number: E15145	-	-	1,500.0	-	-	1,500.0
WW 22	Texas Department of Transportation Wastewater Line Relocation (HARBOR BRIDGE) Finance Number: TBD Engineering Number: TBD	-	-	6,850.0	-	-	6,850.0
WW 23	Greenwood Wastewater Treatment Plant 8 to 12 MGD Expansion Finance Number: 150025 Engineering Number: 7303	-	-	-	-	2,800.0	2,800.0
Wastewater Program Sub-Total:		32,631.2	38,273.6	42,018.0	44,487.5	46,713.0	133,218.5

Seq #	Project Name	Project-to-Date Obligations April 2015	Unspent Prior Budget as of May 2015	CIP Budget Year 1 2015 - 2016	Year 2 2016 - 2017	Year 3 2017 - 2018	Three Year Total
	*Utility Relocation Costs for Bond 2008	-	4,729.0	-	-	-	-
	*Utility Relocation Costs for Bond 2012	3,740.7	9,477.8	3,691.4	2,152.6	450.8	6,294.8
	*Utility Relocation Costs for Bond 2014	1,018.0	360.8	2,678.3	5,723.3	2,148.5	10,550.1
	Future Programmed Bond Utility Support	-	-	-	3,100.0	7,800.0	10,900.0

** relocation costs and funding reflected within Streets Program*

	TOTAL PROGRAMMED EXPENDITURES:	37,389.9	52,841.2	48,387.7	55,463.4	57,112.3	160,963.4
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CURRENTLY AVAILABLE FUNDING:

	Revenue Bond	37,389.9	52,841.2	-	-	-	-
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	Total Currently Available:	37,389.9	52,841.2	-	-	-	-
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RECOMMENDED ADDITIONAL FUNDING:

	** Revenue Bond	-	-	48,387.7	55,463.4	57,112.3	160,963.4
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	TOTAL PROGRAMMED FUNDS:	37,389.9	52,841.2	48,387.7	55,463.4	57,112.3	160,963.4
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*** Dependent upon availability of funding*

DEPARTMENT: Wastewater

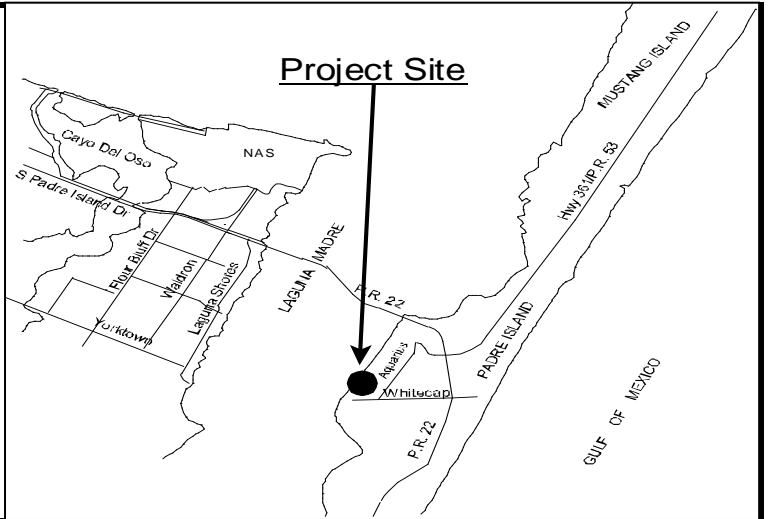
Sequence #01

PROJECT TITLE: Whitecap Wastewater Treatment Plant UV System Upgrade

Consistency with the Comprehensive Plan: Policy Statements pg. 48: 1,3 & 6; pp. 55-58; Wastewater Master Plan

DESCRIPTION:

The purpose of this project is to upgrade the UV disinfection system in order to meet new TCEQ requirements. Work will provide for the design, and construction of a new ultra-violet disinfection system with additional filter upgrades to meet recently updated Texas Commission on Environmental Quality (TCEQ) Enterococcus Bacterial permit levels.



FUNDING SCHEDULE (Amounts in 000's)

Use of Funds	Project-to-Date Obligations April 2015	Unspent Prior Budget as of May 2015	CIP Budget Year 1 2015 - 2016	Year 2 2016 - 2017	Year 3 2017 - 2018	Three Year Total	PROJECT NOTES:
Design & Engineering	781.0	500.0				-	Capital Budget Project No: 10005
Construction		1,350.0	4,000.0	1,200.0		5,200.0	Engineering Project No: E10179
Contingency		135.0	400.0	100.0		500.0	Finance Project No: E10179
Inspection/Other	2.0	406.2	100.0	100.0		200.0	A/E Consultant: FNI
TOTAL:	783.0	2,391.2	4,500.0	1,400.0		5,900.0	Contractor: TBD
Source of Funds							
Revenue Bond	783.0	2,391.2	4,500.0	1,400.0		5,900.0	Award Design: May 2012
TOTAL:	783.0	2,391.2	4,500.0	1,400.0		5,900.0	Award Construction: January 2016
							Anticipated Completion: July 2017
							Total Project Value: \$9,074,200

OPERATIONAL IMPACT:

The operational impact on the electrical usage will increase with the additional higher intensity bulbs, but the effect should be nominal. Failure to complete project will result in TCEQ administrative sanctions.

DEPARTMENT: Wastewater

Sequence #02

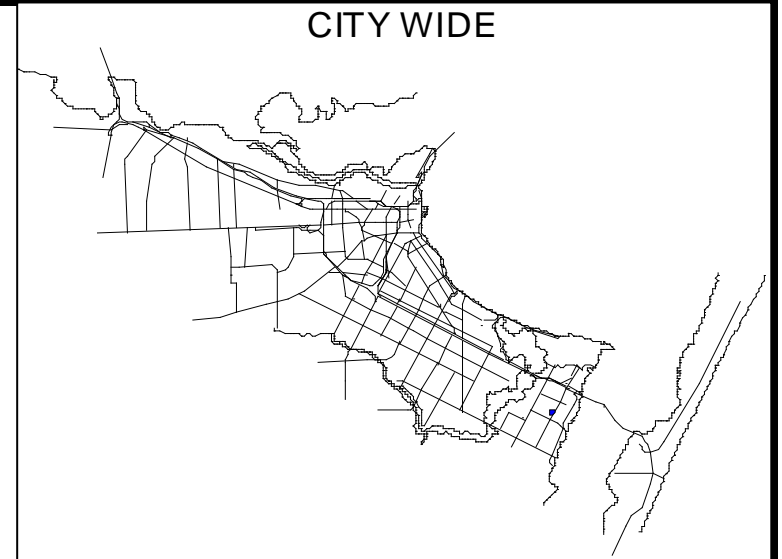
CITY WIDE

PROJECT TITLE: City-Wide 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 and is a key component of the life cycle program component to address collection system conveyance and sanitary sewer cover 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.



FUNDING SCHEDULE (Amounts in 000's)

Use of Funds	Project-to-Date Obligations April 2015	Unspent Prior Budget as of May 2015	CIP Budget Year 1 2015 - 2016	Year 2 2016 - 2017	Year 3 2017 - 2018	Three Year Total	PROJECT NOTES:
Design & Engineering	1,422.2		810.0	885.0	885.0	2,580.0	Engineering Project No: E12161/150164 Finance Project No: E14015/E12161 E15175 / E15089/E15209 A/E Consultant: LNV, Inc. A/E Consultant: Urban Eng. A/E Consultant: CRG, Inc. Contractor: NPRC Award Design: Various Contracts Award Construction: February 2013 Completion (This Contract): Fiscal Year '16 Project Completion: On-Going Total Project Value: \$196,582,000
Construction	14,045.9	6,000.0	8,100.0	8,850.0	8,850.0	25,800.0	
Contingency			810.0	885.0	885.0	2,580.0	
Inspection/Other	309.7	804.2	280.0	380.0	380.0	1,040.0	
TOTAL:	15,777.8	6,804.2	10,000.0	11,000.0	11,000.0	32,000.0	
Source of Funds							
Revenue Bond	15,777.8	6,804.2	10,000.0	11,000.0	11,000.0	32,000.0	
TOTAL:	15,777.8	6,804.2	10,000.0	11,000.0	11,000.0	32,000.0	

OPERATIONAL IMPACT:

Normal flow to the City's wastewater treatment plants is about 30 million gallons 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 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.

DEPARTMENT: Wastewater

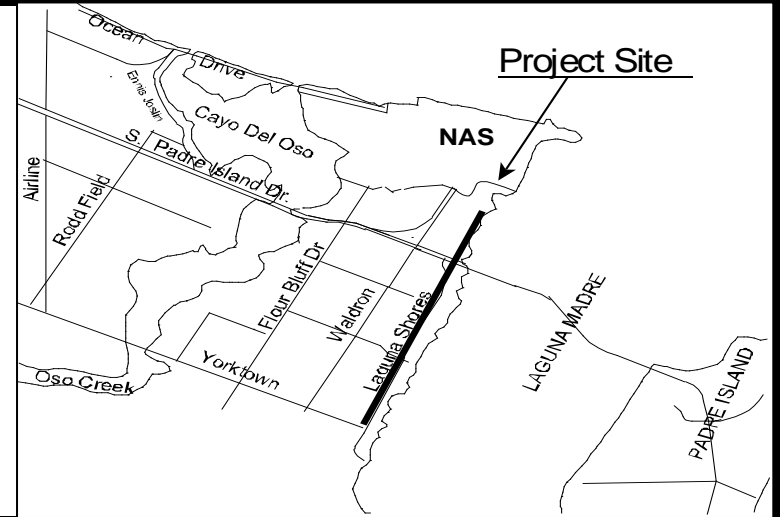
Sequence #03

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 the installation of a new force main to convey flour bluff waste flows from the Graham Road to the Laguna Madre WWTP, rehabilitation of the existing 18-inch DIP force main in Laguna Shores Road from Graham Road to the Laguna Madre WWTP, construction of a new Gate Lift Station and associated new gravity wastewater infrastructure necessary to take offline the existing siphon wastewater line beneath SPID, and other infrastructure improvements.



FUNDING SCHEDULE (Amounts in 000's)

Use of Funds	Project-to-Date Obligations April 2015	Unspent Prior Budget as of May 2015	CIP Budget Year 1 2015 - 2016	Year 2 2016 - 2017	Year 3 2017 - 2018	Three Year Total	PROJECT NOTES:
Design & Engineering	75.5	150.0				-	Capital Budget Project No: 110011
Construction		3,550.0	1,875.0			1,875.0	Engineering Project No: E10054
Contingency		350.0	187.0			187.0	Finance Project No: E10054
Inspection/Other	14.9	253.4	161.0			161.0	A/E Consultant: RVE
TOTAL:	90.4	4,303.4	2,223.0			2,223.0	Contractor: TBD
Source of Funds							Award Design: October 2012
Revenue Bond	90.4	4,303.4	2,223.0			2,223.0	Award Construction: October 2016
TOTAL:	90.4	4,303.4	2,223.0			2,223.0	Anticipated Completion: December '17 Total Project Value: \$6,616,800

OPERATIONAL IMPACT:

This project will increase operational efficiencies and protect against overflows, preventing enforcement action from the Texas Commission on Environmental Quality.

DEPARTMENT: Wastewater

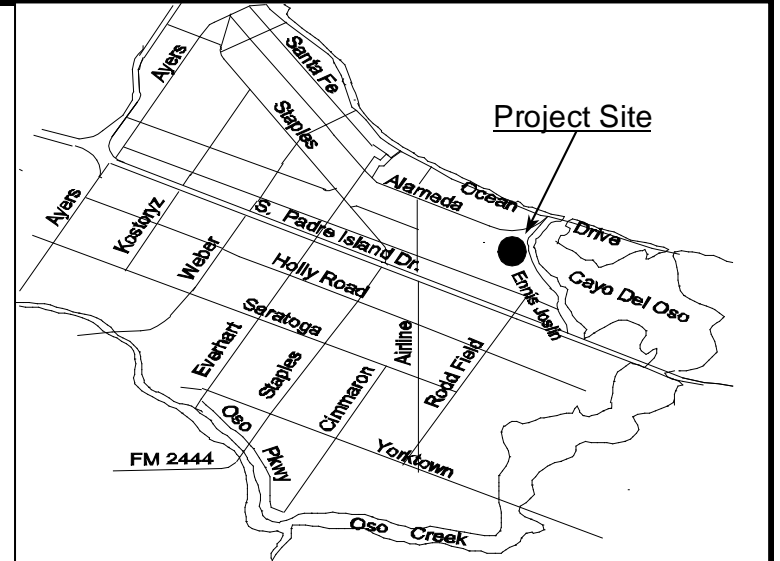
Sequence #04

PROJECT TITLE: Oso Water Reclamation Plant Nutrient Removal and Re-rate to 18 MGD Phase 2 (FINAL)

Consistency with the Comprehensive Plan: Policy Statements pg. 48: 1,3 & 6; pp. 55-58; Wastewater Master Plan

DESCRIPTION:

The construction of the prior Oso WRP Interim Ammonia Improvements Phase 1 has achieved the required interim modifications of the physical, chemical and biological treatment processes to the Oso WRP. This project ensures continued compliance with recent ammonia and nutrient removal permit criteria and responds to the re-rated capacity from 16.2 MGD to 18.0 MGD. Anticipated improvements include a new headworks facility with screening, grit removal and odor control, a new aeration facility with fine bubble diffusion, lift station, aerobic digester #3, and process piping modifications throughout the plant.



FUNDING SCHEDULE (Amounts in 000's)

Use of Funds	Project-to-Date Obligations April 2015	Unspent Prior Budget as of May 2015	CIP Budget Year 1 2015 - 2016	Year 2 2016 - 2017	Year 3 2017 - 2018	Three Year Total	PROJECT NOTES:
Design & Engineering	10,024.3	800.0	300.0	500.0		800.0	Capital Budget Project No: 11001 Engineering Project No: E12206 Finance Project No: E12206 A/E Consultant: LNV Contractor: TBD Award Design: June 2013 Award Construction: On-hold Anticipated Completion: On-hold Total Project Value: \$76,740,000
Construction			1,000.0	12,700.0	12,500.0	26,200.0	
Contingency			100.0	1,270.0	1,250.0	2,620.0	
Inspection/Other	5.8	9.9	100.0	330.0	250.0	680.0	
TOTAL:	10,030.1	809.9	1,500.0	14,800.0	14,000.0	30,300.0	
Source of Funds							
Revenue Bond	10,030.1	809.9	1,500.0	14,800.0	14,000.0	30,300.0	
TOTAL:	10,030.1	809.9	1,500.0	14,800.0	14,000.0	30,300.0	

OPERATIONAL IMPACT:

This project will enable to run in a more economical and efficient manner. Operational impact is adversely affected when the lift station is not working at optimal levels.

DEPARTMENT: Wastewater

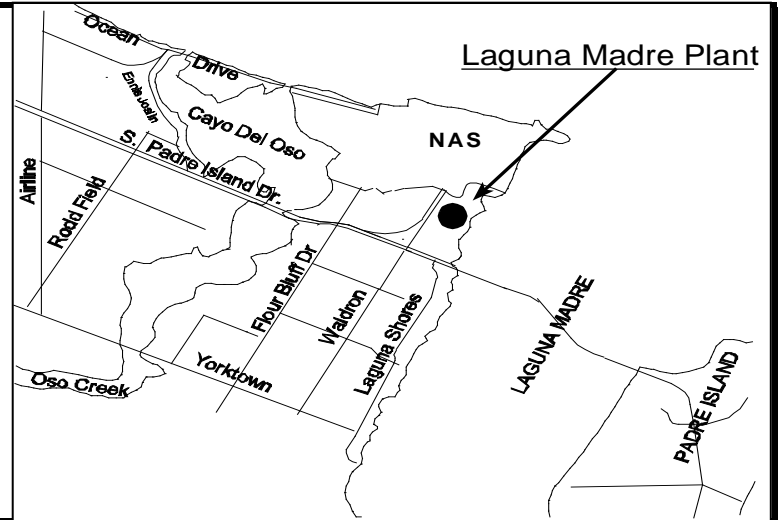
Sequence #05

PROJECT TITLE: Laguna Madre WWTP Headworks & Bar Screen Improvements

Consistency with the Comprehensive Plan: Policy Statements pg. 48: 1,3 & 6; pp. 55-58; Wastewater Master Plan

DESCRIPTION:

The Laguna Madre Wastewater Treatment Plant Influent Lift Station headworks pumps and controls are in need of replacement as they are approaching the end of their useful service life. Aging pump infrastructure and related equipment and controls will adversely affect wastewater treatment operations if they fail and could result in Texas Commission on Environmental Quality (TCEQ) fines. All electrical equipment and relays will need to be upgraded and replaced as well for optimal station performance.



FUNDING SCHEDULE (Amounts in 000's)

Use of Funds	Project-to-Date Obligations April 2015	Unspent Prior Budget as of May 2015	CIP Budget Year 1 2015 - 2016	Year 2 2016 - 2017	Year 3 2017 - 2018	Three Year Total	PROJECT NOTES:
Design & Engineering	403.0	-	-			-	Capital Budget Project No: 11004 Engineering Project No: E10048 Finance Project No: E10048 A/E Consultant: Urban Eng. Contractor: Assoc. Construction Partners Award Design: August 2012 Award Construction: May 2015 Anticipated Completion: May 2016 Total Project Value: \$4,286,000
Construction	-	3,000.0	-			-	
Contingency	-	300.0	300.0			300.0	
Inspection/Other	10.2	172.8	100.0			100.0	
TOTAL:	413.2	3,472.8	400.0			400.0	
Source of Funds							
Revenue Bond	413.2	3,472.8	400.0			400.0	
TOTAL:	413.2	3,472.8	400.0			400.0	

OPERATIONAL IMPACT:

This project will enable the plant to run in a more economical and efficient manner. Operational impact is adversely affected when the lift station is not working at optimal levels.

DEPARTMENT: Wastewater

Sequence #06

PROJECT TITLE: Capacity Assessment Improvements

Consistency with the Comprehensive Plan: Policy Statements pg. 48: 1,3 & 6; pp. 55-58; Wastewater Master Plan

DESCRIPTION:

Capacity Assessment Improvements is an on-going program from the calibration and field verification of the wastewater hydraulic model to performing alternative analysis and preparing a remediation plan with estimated project costs. The project will include hydraulic model analysis for a wide range of scenarios from elimination of lift stations to the transfer of flows to other service basins.



FUNDING SCHEDULE (Amounts in 000's)

Use of Funds	Project-to-Date Obligations April 2015	Unspent Prior Budget as of May 2015	CIP Budget Year 1 2015 - 2016	Year 2 2016 - 2017	Year 3 2017 - 2018	Three Year Total	PROJECT NOTES:
Design & Engineering		450.0	-	-	-	-	Capital Budget Project No: 15-001
Construction		-	1,700.0	1,700.0	1,700.0	5,100.0	Engineering Project No: E14053
Contingency		-	170.0	170.0	170.0	510.0	Finance Project No: E14053
Inspection/Other		50.0	130.0	130.0	130.0	390.0	A/E Consultant: TBD
TOTAL:		500.0	2,000.0	2,000.0	2,000.0	6,000.0	Contractor: TBD
Source of Funds							Award Design: TBD
Revenue Bond		500.0	2,000.0	2,000.0	2,000.0	6,000.0	Award Construction: TBD
TOTAL:		500.0	2,000.0	2,000.0	2,000.0	6,000.0	Anticipated Completion: TBD Total Project Value: \$22,500,000

OPERATIONAL IMPACT:

This project provides the City with technical support for in order to ensure compliance with the terms and timelines as outlined in the SSOI consent decree.

DEPARTMENT: **Wastewater**

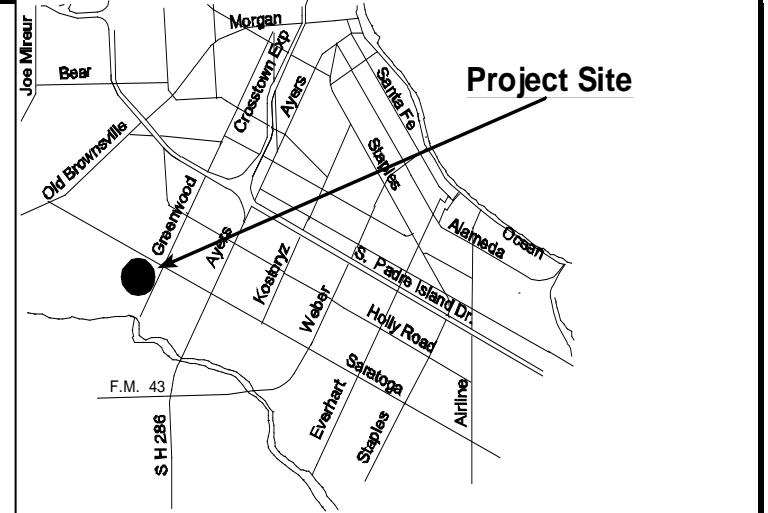
Sequence #07

PROJECT TITLE: Greenwood WWTP Electrical Improvements to 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 that provide power to the UV disinfection system. Anticipated improvements include two new transformers, control panel 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 the design, and construction of the proposed electrical infrastructure to ensure power remains available for continued disinfection capability required by the Texas Commission on Environmental Quality (TCEQ) Enterococcus Bacterial permit levels can be accomplished in severe weather events. Construction will be complete in early Fiscal Year 2017.



FUNDING SCHEDULE (Amounts in 000's)

Use of Funds	Project-to-Date Obligations April 2015	Unspent Prior Budget as of May 2015	CIP Budget Year 1 2015 - 2016	Year 2 2016 - 2017	Year 3 2017 - 2018	Three Year Total	PROJECT NOTES:
Design & Engineering		1,000.0	-	-	-	-	Capital Budget Project No: 12001
Construction		-	1,200.0	2,100.0	3,000.0	6,300.0	Engineering Project No: E10180
Contingency		-	120.0	210.0	300.0	630.0	Finance Project No: E10180
Inspection/Other		280.0	130.0	190.0	200.0	520.0	A/E Consultant: LAN
TOTAL:		1,280.0	1,450.0	2,500.0	3,500.0	7,450.0	Contractor: TBD
Source of Funds							Award Design: November '15
Revenue Bond		1,280.0	1,450.0	2,500.0	3,500.0	7,450.0	Award Construction: February 2017
TOTAL:		1,280.0	1,450.0	2,500.0	3,500.0	7,450.0	Anticipated Completion: July 2018 Total Project Value: \$8,730,000

OPERATIONAL IMPACT:

The operational impact on the electrical usage will increase with the additional higher intensity bulbs, but the effect should be nominal. Failure to complete project could result in TCEQ administrative sanctions.

DEPARTMENT: Wastewater

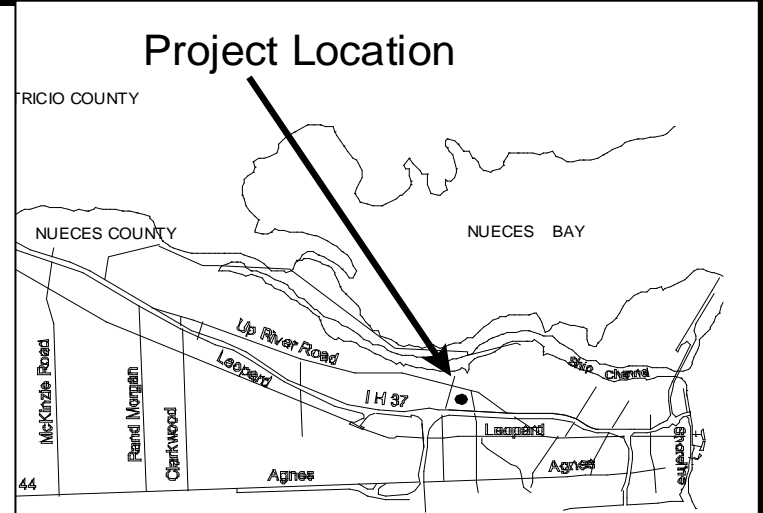
Sequence #08

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:

The McBride Lift and conveyance system is one of the oldest lift stations in the system and has reached the end of its service life. The project is essential to reduce long-term operational cost and to alleviate potential Texas Commission on Environmental Quality violations with lift station failures and resulting overflows. An earlier construction project added a new force main, but it was never put into operation. This next phase of the project will continue the force main, to include boring under IH 37, to a new McBride Lift Station which will be constructed as part of this project.



FUNDING SCHEDULE (Amounts in 000's)

Use of Funds	Project-to-Date Obligations April 2015	Unspent Prior Budget as of May 2015	CIP Budget Year 1 2015 - 2016	Year 2 2016 - 2017	Year 3 2017 - 2018	Three Year Total	PROJECT NOTES:
Design & Engineering	375.8	-	-			-	Capital Budget Project No: 09014 Engineering Project No: 7287/E14054 Finance Project No: 200452/E14054 A/E Consultant: CRG Contractor: TBD Award Design: October 2015 Award Construction: November '16 Anticipated Completion: December '17 Total Project Value: \$6,148,500
Construction	1,234.4	2,000.0	1,600.0			1,600.0	
Contingency		200.0	160.0			160.0	
Inspection/Other	238.3	200.0	140.0			140.0	
TOTAL:	1,848.5	2,400.0	1,900.0			1,900.0	
Source of Funds							
Revenue Bond	1,848.5	2,400.0	1,900.0			1,900.0	
TOTAL:	1,848.5	2,400.0	1,900.0			1,900.0	

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 the program development subject to available funds. Anticipated increased usage due to area development will offset costs and alleviate pressure on other systems.

DEPARTMENT: Wastewater

Sequence #09

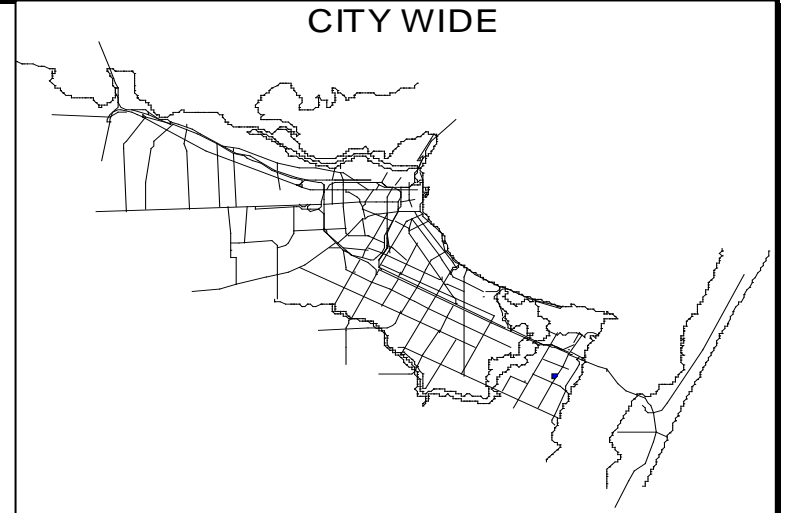
CITY WIDE

PROJECT TITLE: Lift Station Repairs - Citywide

Consistency with the Comprehensive Plan: Policy Statements pg. 48: 1,3 & 6; pp. 55-58; Wastewater Master Plan

DESCRIPTION:

This project provides for implementation of a strategic lifecycle program for future projects and funding requirements with cost benefit analysis for the City's 99 Lift Stations. The project identifies, prioritizes and implements specific capital improvement projects 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. Based on anticipated results of City-wide Hydraulic Model (SSOI) acquisition of land, design and construction of a new lift station in the vicinity of Everhart and South Staples intersection, this facility will improve capacity and advance systems within the Oso Water Reclamation Plant Service Area.



FUNDING SCHEDULE (Amounts in 000's)

Use of Funds	Project-to-Date Obligations April 2015	Unspent Prior Budget as of May 2015	CIP Budget Year 1 2015 - 2016	Year 2 2016 - 2017	Year 3 2017 - 2018	Three Year Total	PROJECT NOTES:
Design & Engineering	177.7		150.0	150.0	75.0	375.0	Capital Budget Project No: 09019
Construction	828.1	1,500.0	1,500.0	1,500.0	750.0	3,750.0	Engineering Project No: E10142
Contingency		150.0	150.0	150.0	75.0	375.0	Finance Project No: E10142
Inspection/Other/Land Acq.	48.0	176.0	200.0	200.0	100.0	500.0	A/E Consultant: Urban Eng.
TOTAL:	1,053.8	1,826.0	2,000.0	2,000.0	1,000.0	5,000.0	Contractor: TBD
Source of Funds							
Revenue Bond	1,053.8	1,826.0	2,000.0	2,000.0	1,000.0	5,000.0	Award Design: April 2011
TOTAL:	1,053.8	1,826.0	2,000.0	2,000.0	1,000.0	5,000.0	Award Construction: On-Going
							Anticipated Completion: On-Going
							Total Project Value: \$15,879,800

OPERATIONAL IMPACT:

Through this project, various lift stations with piping and pumps in poor condition throughout the city will be replaced with more reliable and energy efficient equipment. This reduces the probability of failure, emergencies, and will cut down on operational costs by the use of more energy efficient equipment.

DEPARTMENT: Wastewater

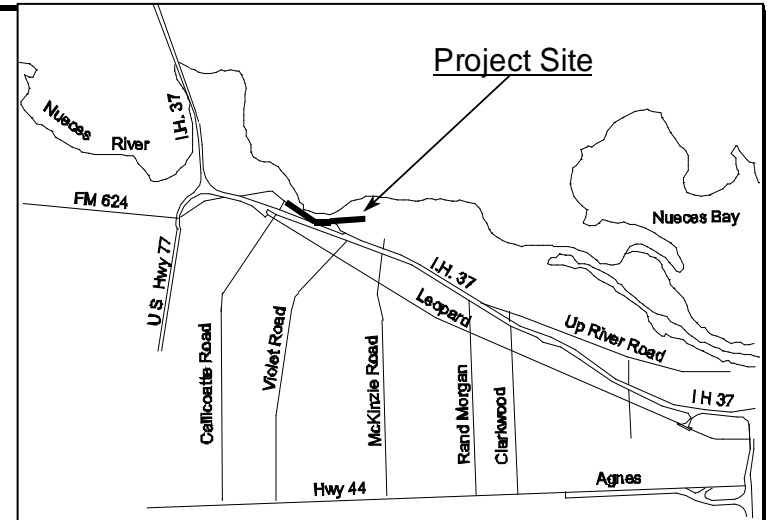
Sequence #10

PROJECT TITLE: Sharpsburg Lift Station Upgrade & Up River Road Force Main Rehabilitation

Consistency with the Comprehensive Plan: Policy Statements pg. 48: 1,3 & 6; pp. 55-58; Wastewater Master Plan

DESCRIPTION:

The Sharpsburg Lift Station presently experiences near overflow conditions in extreme wet weather conditions. Recent improvements to the Wood River Lift Station and force main system, which flows into the Sharpsburg Lift Station, may exacerbate local peak flow loadings. Existing pump capacity is inadequate to handle peak flows and anticipated 20-year area development contributions. Proposed improvements include four 70 HP capacity pumps, associated piping, odor control, instrumentation and controls, a standby emergency generator and site and security improvements. Future ultimate capacity improvements will include a 36-inch force main, a 54-inch gravity and expanded Lift Station wet well.



FUNDING SCHEDULE (Amounts in 000's)

Use of Funds	Project-to-Date Obligations April 2015	Unspent Prior Budget as of May 2015	CIP Budget Year 1 2015 - 2016	Year 2 2016 - 2017	Year 3 2017 - 2018	Three Year Total	PROJECT NOTES:
Design & Engineering	474.1	-					Capital Budget Project No: 98001 Engineering Project No: 7389 Finance Project No: 150265 A/E Consultant: CRG Contractor: TBD Award Design: July '08 Award Construction: December '16 Anticipated Completion: December '17 Total Project Value: \$4,517,200
Construction	-	3,500.0					
Contingency	-	350.0					
Inspection/Other	26.1	167.0					
TOTAL:	500.2	4,017.0					
Source of Funds							
Revenue Bond	500.2	4,017.0					
TOTAL:	500.2	4,017.0					

OPERATIONAL IMPACT:

The design is complete and construction will start in Fiscal Year '15 subject to availability of funds. Larger pumps for increased capacity will be installed, but will run more efficiently than the 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 the Texas Commission on Environmental Quality.

DEPARTMENT: Wastewater

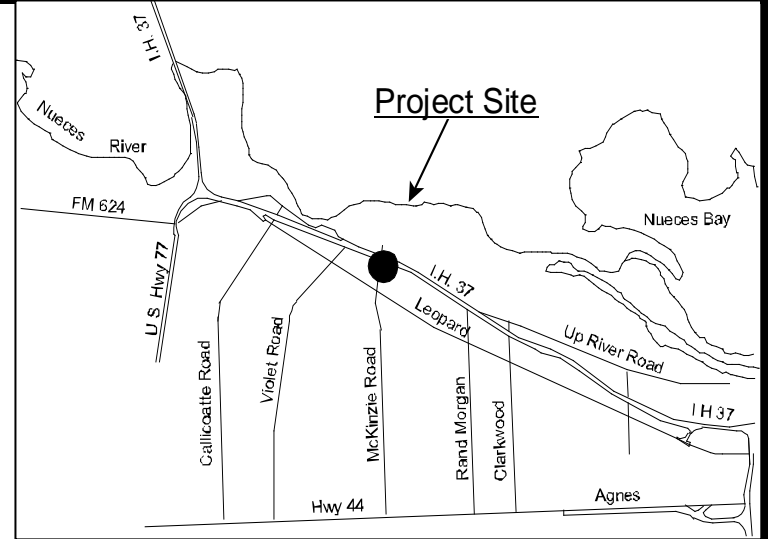
Sequence #11

PROJECT TITLE: Allison Wastewater Treatment Plant Lift Station and Plant Improvements

Consistency with the Comprehensive Plan: Policy Statements pg. 48: 1,3 & 6; pp. 55-58; Wastewater Master Plan

DESCRIPTION:

The Allison Wastewater Treatment Plant is in the process of undergoing repairs and enhancements to extend the major systems and service life of the plant. Recently completed work at this plant included repairs/replacement of the existing headworks and grit removal equipment. This next phase of work will address electrical repairs to keep the plant running at peak efficiencies. This project provides for the design and construction of lift station pumps and piping replacement, new electrical control room, new emergency generator, disinfection equipment replacement, clarifier telescopic valve replacement, new dewatering drain line, east aeration discharge piping modifications, and pre- and post-thickener scum baffle replacement. Remaining funds from the previous project will be transferred to this project to economize on costs.



FUNDING SCHEDULE (Amounts in 000's)

Use of Funds	Project-to-Date Obligations April 2015	Unspent Prior Budget as of May 2015	CIP Budget Year 1 2015 - 2016	Year 2 2016 - 2017	Year 3 2017 - 2018	Three Year Total	PROJECT NOTES:
Design & Engineering	244.0	-				-	
Construction	-	3,600.0				-	Engineering Project No: E10043
Contingency	-	360.0				-	Finance Project No: E10043
Inspection/Other	-	340.0				-	A/E Consultant: Urban Eng.
TOTAL:	244.0	4,300.0				-	Contractor: TBD
Source of Funds							Award Design: January 2015
Revenue Bond	244.0	4,300.0				-	Award Construction: February '16
TOTAL:	244.0	4,300.0				-	Anticipated Completion: January 2017 Total Project Value: \$4,544,000

OPERATIONAL IMPACT:

Determination of future Operational Budget Impact will be better addressed after the design process is complete.

DEPARTMENT: Wastewater

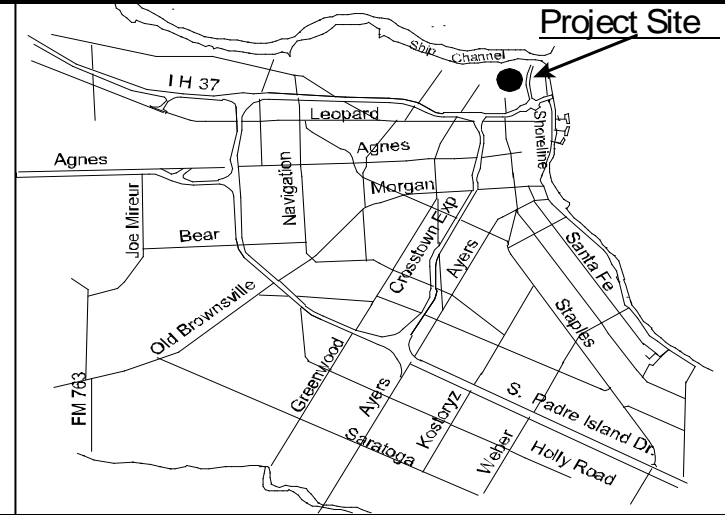
Sequence #12

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:

This project complies with Phase 3 of the Wastewater Facilities Implementation Plan. With the completion of construction of the replacement wastewater treatment process plant, the existing facilities at 1402 W. Broadway will be decommissioned and taken out of service in compliance with Texas Commission on Environmental Quality requirements. The site will receive site grading and aesthetic improvements to blend in as a "good neighbor" within the locale. Opportunities for environmental beneficial re-use of demolition material will be explored with state and federal agencies.



FUNDING SCHEDULE (Amounts in 000's)

Use of Funds	Project-to-Date Obligations April 2015	Unspent Prior Budget as of May 2015	CIP Budget Year 1 2015 - 2016	Year 2 2016 - 2017	Year 3 2017 - 2018	Three Year Total	PROJECT NOTES:
Design & Engineering	667.4	-	-			-	Capital Budget Project No: 07020 Engineering Project No: E12159 Finance Project No: E12159 A/E Consultant: Freese & Nichols Contractor: JS Haren Award Design: November '12 Award Construction: February '15 Anticipated Completion: February '16 Total Project Value: \$9,107,000
Construction	1,024.0	2,450.0	3,800.0			3,800.0	
Contingency	-	245.0	380.0			380.0	
Inspection/Other	37.4	183.2	320.0			320.0	
TOTAL:	1,728.8	2,878.2	4,500.0			4,500.0	
Source of Funds							
Revenue Bond	1,728.8	2,878.2	4,500.0			4,500.0	
TOTAL:	1,728.8	2,878.2	4,500.0			4,500.0	

OPERATIONAL IMPACT:

There are no operational costs associated with demolition, but once the old wastewater treatment plant site has been demolished and cleared it will be available for economic purposes.

DEPARTMENT: Wastewater

Sequence #13

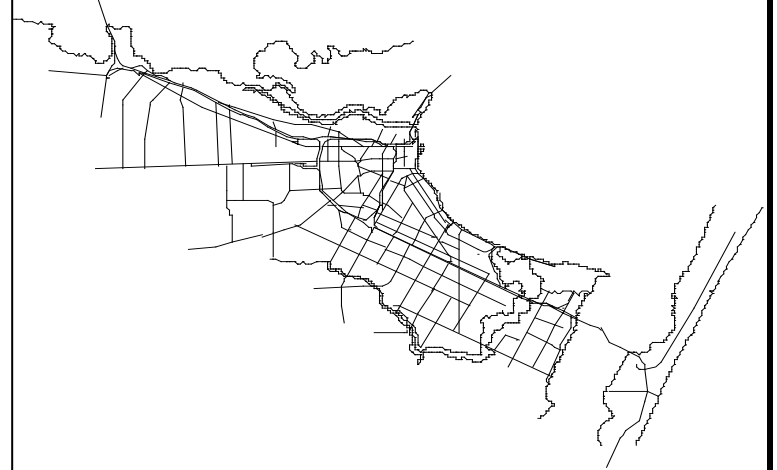
CITY WIDE

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 the 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 the local utilities. This project provides the design construction for emergency back-up generators at critical lift stations in priority of system conveyance criteria resulting from analysis of city-wide hydraulic model. Additional design and construction packages are anticipated through Fiscal Year 2022.



FUNDING SCHEDULE (Amounts in 000's)

Use of Funds	Project-to-Date Obligations April 2015	Unspent Prior Budget as of May 2015	CIP Budget Year 1 2015 - 2016	Year 2 2016 - 2017	Year 3 2017 - 2018	Three Year Total	PROJECT NOTES:
Design & Engineering	-	200.0		400.0	350.0	750.0	Capital Budget Project No: 09015 Engineering Project No: 7427 Finance Project No: 150785 A/E Consultant: Bath Contractor: TBD Award Design: Fiscal Year '16 Award Construction: TBD Anticipated Completion: TBD Total Project Value: \$10,556,900
Construction	-	-	1,300.0	1,200.0	3,000.0	5,500.0	
Contingency	-	30.0	130.0	120.0	300.0	550.0	
Inspection/Other	1.9	50.0	70.0	105.0	300.0	475.0	
TOTAL:	1.9	280.0	1,500.0	1,825.0	3,950.0	7,275.0	
Source of Funds							
Revenue Bond	1.9	280.0	1,500.0	1,825.0	3,950.0	7,275.0	
TOTAL:	1.9	280.0	1,500.0	1,825.0	3,950.0	7,275.0	

OPERATIONAL IMPACT:

This project provides redundancy to the system and will not greatly increase costs. This system will kick in during any power loss to prevent overflows and enforcement actions when the regular power supply has been interrupted.

DEPARTMENT: Wastewater

Sequence #14

PROJECT TITLE: Unanticipated Wastewater Capital Requirements

Consistency with the Comprehensive Plan: Policy Statements pg. 48: 1,3 & 6; pp. 55-58; Wastewater Master Plan

DESCRIPTION:

This project is programmed to support any unanticipated wastewater capital requirements that may arise during the year and which have no designated funding source.



FUNDING SCHEDULE (Amounts in 000's)

Use of Funds	Project-to-Date Obligations April 2015	Unspent Prior Budget as of May 2015	CIP Budget Year 1 2015 - 2016	Year 2 2016 - 2017	Year 3 2017 - 2018	Three Year Total	PROJECT NOTES:
Design & Engineering						-	Capital Budget Project No: 07009
Construction		450.0	150.0	250.0	250.0	650.0	Engineering Project No: E12204
Contingency						-	Finance Project No: E12204
Inspection/Other						-	A/E Consultant: TBD
TOTAL:		450.0	150.0	250.0	250.0	650.0	Contractor: TBD
Source of Funds							Award Design: TBD
Revenue Bond		450.0	150.0	250.0	250.0	650.0	Award Construction: TBD
TOTAL:		450.0	150.0	250.0	250.0	650.0	Anticipated Completion: TBD Total Project Value: \$3,100,000

OPERATIONAL IMPACT:

Without a firm project scope, at this time you cannot measure operational impact. It is anticipated to be negligible though.

DEPARTMENT: Wastewater

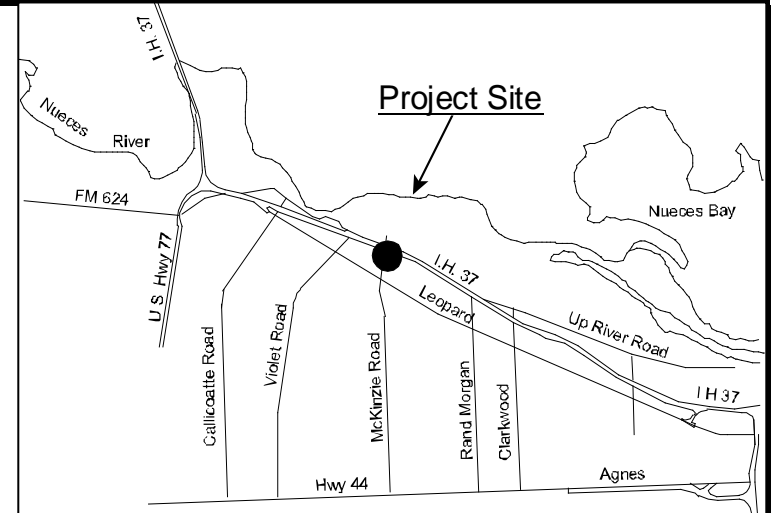
Sequence #15

PROJECT TITLE: Allison WWTP Process Upgrade and Replacement

Consistency with the Comprehensive Plan: Policy Statements pg. 48: 1,3 & 6; pp. 55-58; Wastewater Master Plan

DESCRIPTION:

Revisions to the treatment process of Allison Wastewater Treatment Plant are needed to comply with required treatment of ammonia. Revisions to the process will require the establishment of an aerobic treatment process. Conversion of the plant will include construction of an anoxic chamber prior to aeration; increase of aeration capacity with new blowers and fine bubble diffusers and automatic controls on air supply to adjust for varying influent treatment loads to the plant during off-duty hours of operation.



FUNDING SCHEDULE (Amounts in 000's)

Use of Funds	Project-to-Date Obligations April 2015	Unspent Prior Budget as of May 2015	CIP Budget Year 1 2015 - 2016	Year 2 2016 - 2017	Year 3 2017 - 2018	Three Year Total	PROJECT NOTES:
Design & Engineering			750.0			750.0	Capital Budget Project No: 10005
Construction				5,000.0	5,000.0	10,000.0	Engineering Project No: E10045
Contingency				500.0	500.0	1,000.0	Finance Project No: E10045
Inspection/Other			100.0	300.0	300.0	700.0	A/E Consultant: Urban Eng
TOTAL:			850.0	5,800.0	5,800.0	12,450.0	Contractor: TBD
Source of Funds							Award Design: November 15
Revenue Bond			850.0	5,800.0	5,800.0	12,450.0	Award Construction: TBD
TOTAL:			850.0	5,800.0	5,800.0	12,450.0	Anticipated Completion: TBD Total Project Value: \$27,200,000

OPERATIONAL IMPACT:

Determination of future Operational Budget Impact will be better addressed after the design process.

DEPARTMENT: Wastewater

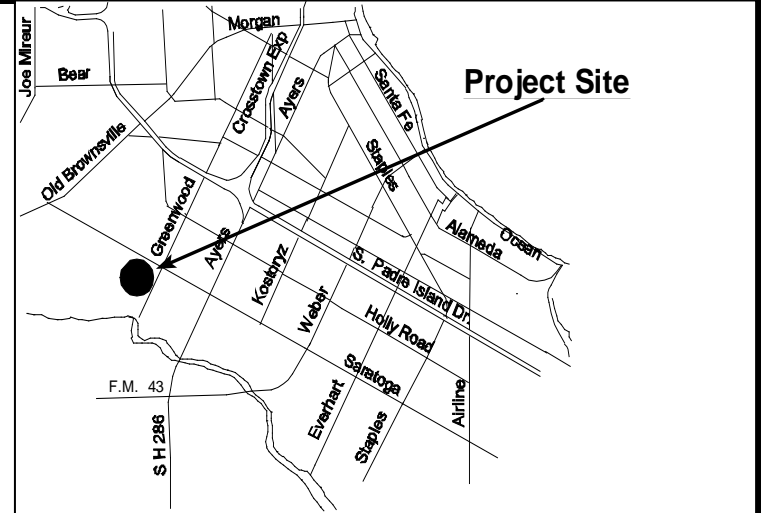
Sequence #16

PROJECT TITLE: Greenwood WWTP Emissions & Odor Control Improvements

Consistency with the Comprehensive Plan: Policy Statements pg. 48: 1,3 & 6; pp. 55-58; Wastewater Master Plan

DESCRIPTION:

The Greenwood Wastewater Treatment Plant has had continuing issues with nuisance odors and Texas Commission on Environmental Quality (TCEQ) monitoring has resulted in citations and now requires additional odor abatement. Several areas, including the dissolved air flotation (DAF) unit needs odor minimization.



FUNDING SCHEDULE (Amounts in 000's)

Use of Funds	Project-to-Date Obligations April 2015	Unspent Prior Budget as of May 2015	CIP Budget Year 1 2015 - 2016	Year 2 2016 - 2017	Year 3 2017 - 2018	Three Year Total	PROJECT NOTES:
Design & Engineering	91.1	-				-	Capital Budget Project No: 11003
Construction	-	1,800.0				-	Engineering Project No: E10047
Contingency	-	180.0				-	Finance Project No: E10047
Inspection/Other	5.3	128.4				-	A/E Consultant: CRG
TOTAL:	96.4	2,108.4				-	Contractor: TBD
Source of Funds							Award Design: June 2013
Revenue Bond	96.4	2,108.4				-	Award Construction: October 2016
							Anticipated Completion: August 2017
TOTAL:	96.4	2,108.4				-	Total Project Value: \$2,204,800

OPERATIONAL IMPACT:

The 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 and will help avoid penalties for non-compliance. This project also is part of a "good neighbor" policy.

DEPARTMENT: Wastewater

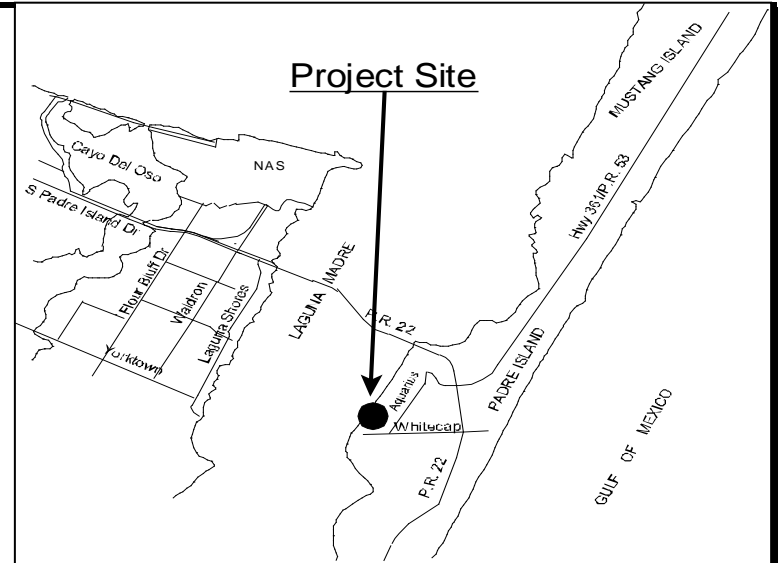
Sequence #17

PROJECT TITLE: Whitecap Wastewater Treatment Plant Odor Control Process and Bulkhead Replacement

Consistency with the Comprehensive Plan: Policy Statements pg. 48: 1,3 & 6; pp. 55-58; Wastewater Master Plan

DESCRIPTION:

The Whitecap Wastewater Treatment Plant provides wastewater treatment service for the City's customers located on Padre Island. The original plant was a 0.5 million gallons per day (MGD) capacity plant that has been expanded over the years to 2.5 MGD capacity due to growth on the island. The existing odor control unit has exceeded its useful life cycle and rehabilitation is now required. Also, the 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 along the Laguna Madre. Design will begin in Year 2, Construction will be completed in Year 4 pending receipt of available funding.



FUNDING SCHEDULE (Amounts in 000's)

Use of Funds	Project-to-Date Obligations April 2015	Unspent Prior Budget as of May 2015	CIP Budget Year 1 2015 - 2016	Year 2 2016 - 2017	Year 3 2017 - 2018	Three Year Total	PROJECT NOTES:
Design & Engineering			400.0	-	-	400.0	Capital Budget Project No: 10005
Construction			-	2,275.0	2,000.0	4,275.0	Engineering Project No: E10053
Contingency			-	275.0	200.0	475.0	Finance Project No: E10053
Inspection/Other			80.0	150.0	100.0	330.0	A/E Consultant: CRG
TOTAL:			480.0	2,700.0	2,300.0	5,480.0	Contractor: TBD
Source of Funds							Award Design: February '16
Revenue Bond			480.0	2,700.0	2,300.0	5,480.0	Award Construction: August 2017
TOTAL:			480.0	2,700.0	2,300.0	5,480.0	Anticipated Completion: September '18 Total Project Value: \$5,480,000

OPERATIONAL IMPACT:

Texas Commission on Environmental Quality regulations have parameters for odor levels at wastewater treatment plants. Rehabilitation of the existing unit will assure compliance. Operational costs are anticipated to drop substantially due to the ability to stop using the existing required chemicals.

DEPARTMENT: Wastewater

Sequence #18

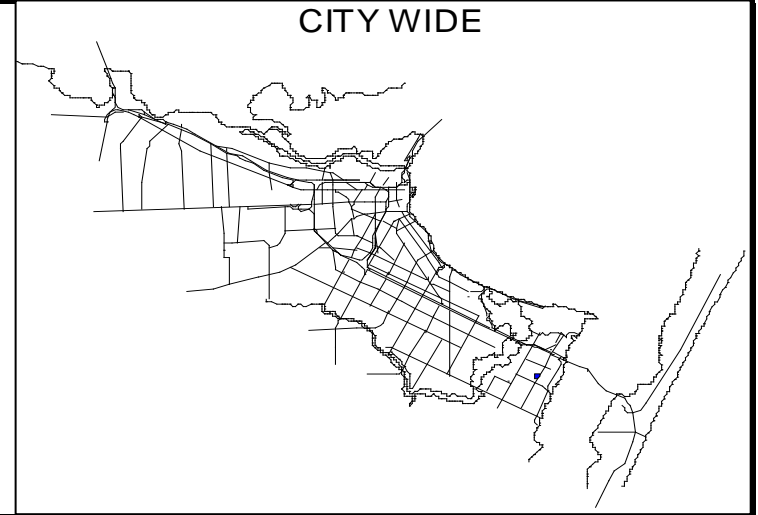
CITY WIDE

PROJECT TITLE: Homeland Security Improvements

Consistency with the Comprehensive Plan: Policy Statements pg. 48: 1,3 & 6; pp. 55-58; Wastewater Master Plan

DESCRIPTION:

This project will provide for Homeland Security Improvements to the City's Wastewater Facilities located throughout the City as deemed necessary and funding allow. Anticipated improvements could include planning and assessment for fencing, lighting, security cameras, intrusions detection and infrastructure investment.



FUNDING SCHEDULE (Amounts in 000's)

Use of Funds	Project-to-Date Obligations April 2015	Unspent Prior Budget as of May 2015	CIP Budget Year 1 2015 - 2016	Year 2 2016 - 2017	Year 3 2017 - 2018	Three Year Total	PROJECT NOTES:
Design & Engineering	-	50.0	-			-	Capital Budget Project No: 09020
Construction	-	150.0	75.0			75.0	Engineering Project No: 7430
Contingency	-	50.0	7.5			7.5	Finance Project No: 150805
Inspection/Other	5.1	19.3	7.5			7.5	A/E Consultant: NEI
TOTAL:	5.1	269.3	90.0			90.0	Contractor: Various
Source of Funds							Award Design: On-Going
Revenue Bond	5.1	269.3	90.0			90.0	Award Construction: On-Going
TOTAL:	5.1	269.3	90.0			90.0	Anticipated Completion: On-Going Total Project Value: \$364,400

OPERATIONAL IMPACT:

Budget adjustments to capital investment for identified projects and matching fund participation will be evaluated as opportunities become available.

DEPARTMENT: Wastewater

Sequence #19

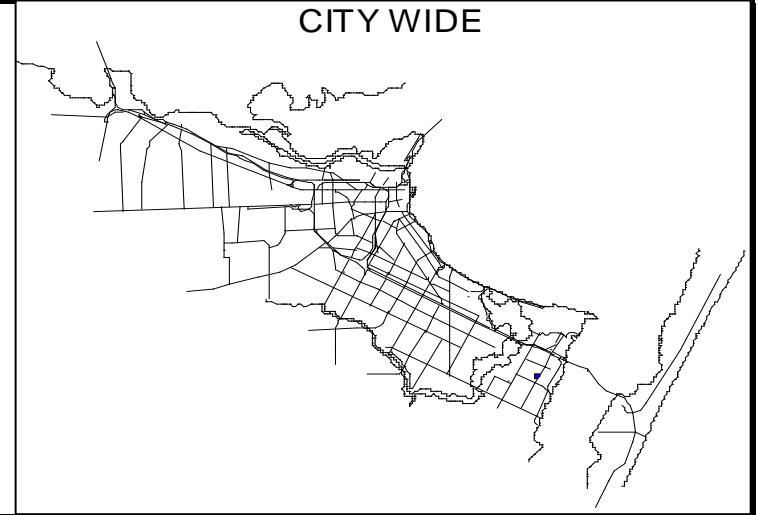
CITY WIDE

PROJECT TITLE: Wetlands Mitigation Bank Assessment

Consistency with the Comprehensive Plan: Policy Statements pg. 48: 1,3 & 6; pp. 55-58; Wastewater Master Plan

DESCRIPTION:

Repair of maintenance projects which could impact wetland areas or mudflats are required by the US. Army Corps of Engineers to determine which projects require mitigation of disturbed natural resources in order to meet the national goal of "no net loss of wetlands." If mitigation assessments are evaluated by individual project, the joint effort by the City and USACE becomes expensive, can delay the start of project construction, and may not adequately meet Federal program objectives. The A/E consultant is presently conducting a feasibility study to determine whether a viable regional mitigation bank investment by the City is feasible. If this study determines that such an investment may be warranted, future discussions to develop this regional mitigation bank for use as credits to City sponsored construction would proceed. It is anticipated that discussions with USACE will be ongoing in FY '15, conceptual development in FY '16 and preliminary engineering in FY '17.



FUNDING SCHEDULE (Amounts in 000's)

Use of Funds	Project-to-Date Obligations April 2015	Unspent Prior Budget as of May 2015	CIP Budget Year 1 2015 - 2016	Year 2 2016 - 2017	Year 3 2017 - 2018	Three Year Total	PROJECT NOTES:
Design & Engineering Construction Contingency Inspection/Other	41.2		50.0	100.0		150.0	Capital Budget Project No: 10102 Engineering Project No: E10017 Finance Project No: E10017 A/E Consultant: HDR Contractor: N/A
TOTAL:	41.2		50.0	100.0		150.0	Award Design: October 2010
Source of Funds							
Revenue Bond	41.2		50.0	100.0		150.0	Award Construction: TBD Anticipated Completion: TBD
TOTAL:	41.2		50.0	100.0		150.0	Total Project Value: \$191,200

OPERATIONAL IMPACT:

No operational impact anticipated at this time.

DEPARTMENT: Wastewater

Sequence #20

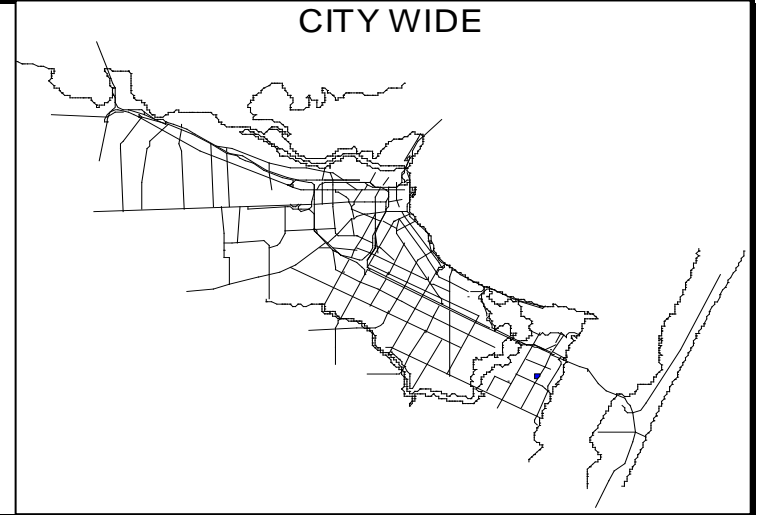
CITY WIDE

PROJECT TITLE: Utility Developer Participation - Wastewater

Consistency with the Comprehensive Plan: Policy Statements pg. 48: 1,3 & 6; pp. 55-58; Wastewater Master Plan

DESCRIPTION:

Under the Platting Ordinance, the City participates with developers on utility construction for over-sized main lines (Sanitary Sewer Trunk System Trust Funds). This project will provide for the City's share of such projects as necessary up to the approved amount.



FUNDING SCHEDULE (Amounts in 000's)

Use of Funds	Project-to-Date Obligations April 2015	Unspent Prior Budget as of May 2015	CIP Budget Year 1 2015 - 2016	Year 2 2016 - 2017	Year 3 2017 - 2018	Three Year Total	PROJECT NOTES:
Design & Engineering Construction Contingency Inspection/Other	16.8	183.2	75.0	112.5	113.0	300.5	Capital Budget Project No: 07020 Engineering Project No: E12208 Finance Project No: E12208 A/E Consultant: TBD Contractor: TBD
TOTAL:	16.8	183.2	75.0	112.5	113.0	300.5	Award Design: TBD
Source of Funds							
Revenue Bond	16.8	183.2	75.0	112.5	113.0	300.5	Award Construction: TBD Anticipated Completion: TBD
TOTAL:	16.8	183.2	75.0	112.5	113.0	300.5	Total Project Value: \$952,500

OPERATIONAL IMPACT:

This item should increase wastewater revenues through additional customer usage.

DEPARTMENT: Wastewater

Sequence #21

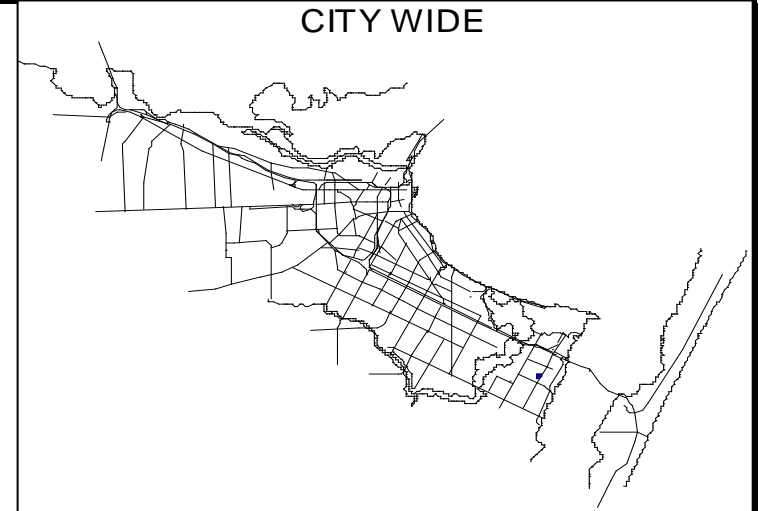
CITY WIDE

PROJECT TITLE: Wastewater Treatment Plants Consolidation

Consistency with the Comprehensive Plan: Policy Statements pg. 48: 1,3 & 6; pp. 55-58; Wastewater Master Plan

DESCRIPTION:

The objective of this project is to determine the optimal long-range wastewater treatment plant upgrade, consolidation and trunk sewer/pumping scenario. The optimal strategy will minimize the impact to ratepayers from recommended improvements. After determining the optimal strategy, the consultant will develop an improvements implementation plan elaborating logical project limits for procurement, project sequencing, overall program schedule and budgets for each element.



FUNDING SCHEDULE (Amounts in 000's)

Use of Funds	Project-to-Date Obligations April 2015	Unspent Prior Budget as of May 2015	CIP Budget Year 1 2015 - 2016	Year 2 2016 - 2017	Year 3 2017 - 2018	Three Year Total	PROJECT NOTES:
Design & Engineering			1,400.0			1,400.0	Capital Budget Project No: 16-001 Engineering Project No: E15145 Finance Project No: E15145 A/E Consultant: TBD Contractor: N/A Award Design: TBD Award Construction: N/A Anticipated Completion: N/A Total Project Value: \$1,500,000
Construction			-			-	
Contingency			-			-	
Inspection/Other			100.0			100.0	
TOTAL:			1,500.0			1,500.0	
Source of Funds							
Revenue Bond			1,500.0			1,500.0	
TOTAL:			1,500.0			1,500.0	

OPERATIONAL IMPACT:

This project provides for the jurisdiction on the feasibility of the City's Wastewater Treatment Plant Consolidation plan and proposes optimal program development strategies.

DEPARTMENT: Wastewater

Sequence #22

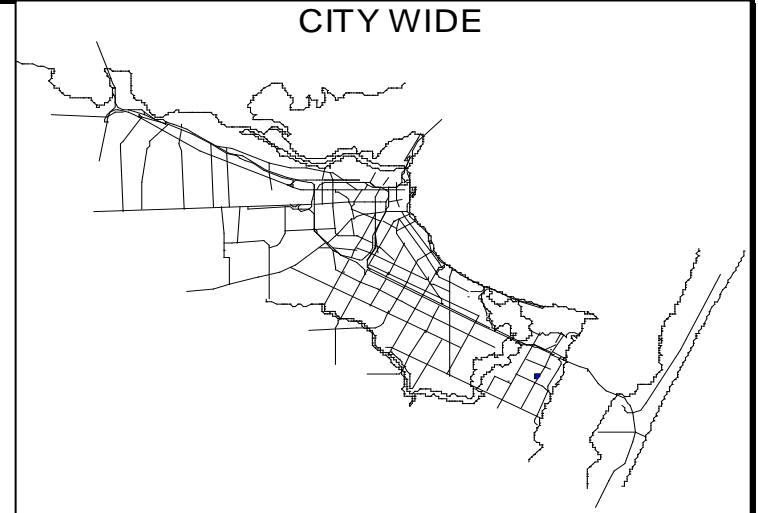
CITY WIDE

PROJECT TITLE: Texas Department of Transportation Wastewater Line Relocation (HARBOR BRIDGE)

Consistency with the Comprehensive Plan: Policy Statements pg. 48: 1,3 & 6; pp. 55-58; Wastewater Master Plan

DESCRIPTION:

The objective of this project is to relocate any wastewater lines as required by the Texas Department of Transportation (TxDOT). These funds are dedicated to the proposed Harbor Bridge easement to meet the construction schedule of Harbor Bridge project. TxDOT will be responsible for the design and construction of any utility relocations and the City will participate through funding assistance.



FUNDING SCHEDULE (Amounts in 000's)

Use of Funds	Project-to-Date Obligations April 2015	Unspent Prior Budget as of May 2015	CIP Budget Year 1 2015 - 2016	Year 2 2016 - 2017	Year 3 2017 - 2018	Three Year Total	PROJECT NOTES:
Design & Engineering			-			-	Capital Budget Project No: 16-001
Construction			6,850.0			6,850.0	Engineering Project No: TBD
Contingency			-			-	Finance Project No: TBD
Inspection/Other			-			-	A/E Consultant: TBD
TOTAL:			6,850.0			6,850.0	Contractor: N/A
Source of Funds							Award Design: N/A
Revenue Bond			6,850.0			6,850.0	Award Construction: N/A
TOTAL:			6,850.0			6,850.0	Anticipated Completion: N/A Total Project Value: \$6,850,000

OPERATIONAL IMPACT:

The operational impact of this project is negligible, but it is required to facilitate construction of the new Harbor Bridge.

DEPARTMENT: Wastewater

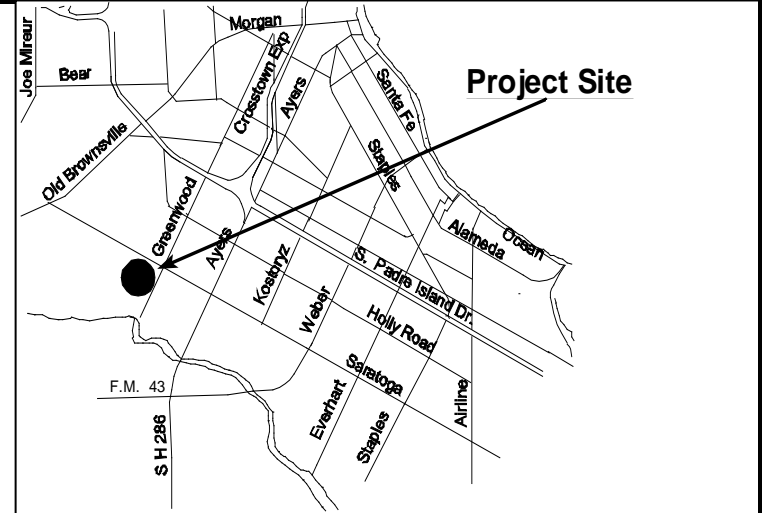
Sequence #23

PROJECT TITLE: Greenwood Wastewater Treatment Plant 8 to 12 MGD Expansion

Consistency with the Comprehensive Plan: Policy Statements pg. 48: 1,3 & 6; pp. 55-58; Wastewater Master Plan

DESCRIPTION:

Texas Commission on Environmental Quality regulations require alternatives be initiated “when flows exceed 75% of the rated capacity.” The Greenwood WWTP is nearing this capacity with additional flows planned as development increases in the area. In anticipation of this, preliminary design for the expansion was completed by Alan Plumber and Associates in Spring 2008. The City will go forward with completing design plans and specifications in Fiscal Year '18,' with construction of the expansion scheduled to take place in Fiscal Year 2019 if projected flows warrant it. This project provides for a state of the art, stand-alone 4 MGD expansion south of the existing plant.



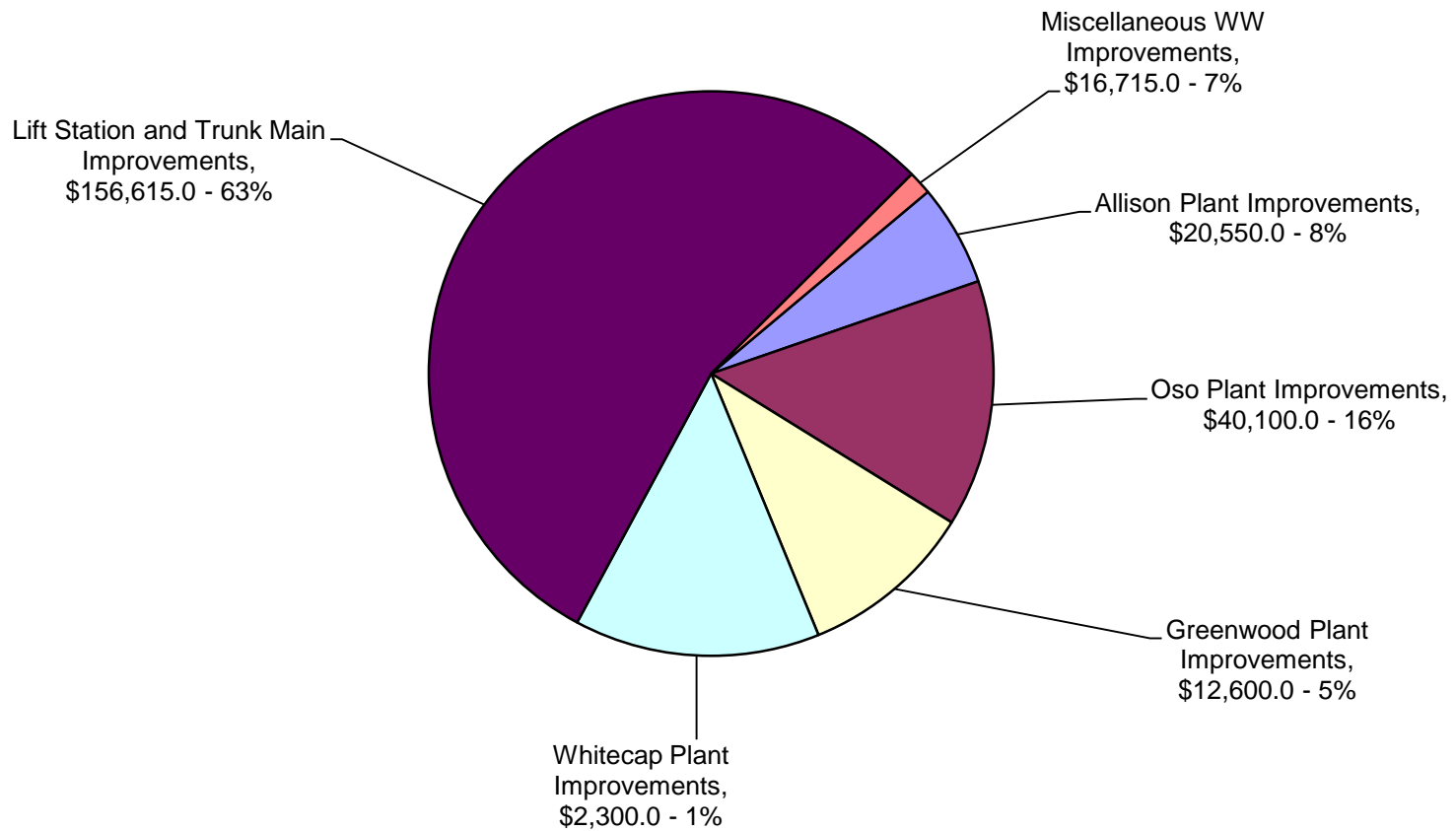
FUNDING SCHEDULE (Amounts in 000's)

Use of Funds	Project-to-Date Obligations April 2015	Unspent Prior Budget as of May 2015	CIP Budget Year 1 2015 - 2016	Year 2 2016 - 2017	Year 3 2017 - 2018	Three Year Total	PROJECT NOTES:
Design & Engineering					2,500.0	2,500.0	Capital Budget Project No: 15-002
Construction						-	Engineering Project No: 7303
Contingency						-	Finance Project No: 150025
Inspection/Other					300.0	300.0	A/E Consultant: Alan Plumber
TOTAL:					2,800.0	2,800.0	Contractor: TBD
Source of Funds							Award Design: October 2004
Revenue Bond					2,800.0	2,800.0	Award Construction: On-hold
TOTAL:					2,800.0	2,800.0	Anticipated Completion: On-hold Total Project Value: \$28,000,000

OPERATIONAL IMPACT:

Increased treatment capacity will enable the plant to run in a more economical and efficient manner.

**Wastewater
Long-Range CIP: \$252,367.0
(Amounts in 000's)**



		<u>Long-Range Year</u>
LR-01	<u>City-Wide Collection System Replacement and Rehabilitation IDIQ Program (SSOI) (Continuation)</u> \$124,000,000	
	The City recently applied to enroll into the Texas Commission on Environmental Quality (TCEQ) Sanitary Sewer Overflow Initiative (SSOI) program. This project is a long-term initiative designed to reduce the number and volume of sanitary sewer overflows within the City and is a key component of the life cycle program component to address collection system conveyance and manhole infrastructure requirements within the Oso WRP service area. The project 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. This is a yearly project that is tailored to the extent funding allows.	4,5,6,7 8,9,10
LR-02	<u>Oso Water Reclamation Plant Nutrient Removal and Re-Rate to 18 MGD (Continuation)</u> \$35,600,000	
	Effluent ammonia is now a permit requirement for the Oso Water Reclamation Plant (WRP). Oso Bay is on EPA's list of impaired water bodies due to low dissolved oxygen levels, so now the current discharge permit issued by the Texas Commission on Environmental Quality (TCEQ) for Oso WRP includes monitoring and reporting requirements for effluent ammonia. TCEQ's permit renewal establishes nutrient removal (ammonia) limits with a timeline (30 months from date of renewal) for ammonia limits compliance. Work under this project provides an interim solution to meet permit requirements within 30 months as required by TCEQ. A design for the permanent Ammonia Upgrade project (See WW Seq #09) will begin in Year 1. Also included in this project is the design and construction of improvements at the Oso Water Reclamation Plant Facility scheduled for operations.	4,5,6
LR-03	<u>Capacity Assessment Improvements (Continuation)</u> \$14,000,000	
	The capacity assessment improvements program is a long-term initiative designed to address capacity constraints or relocations for large diameter wastewater lines within the City and is a key component for addressing the collection system conveyance of large diameter wastewater lines 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 conveyance, and reduce overall maintenance and treatment costs.	4,5,6,7 8,9,10
LR-04	<u>Lift Station Repair: Citywide (Continuation)</u> \$7,000,000	
	This project provides for implementation of a strategic lifecycle program for future projects and funding requirements with cost benefit analysis for the City's 99 Lift Stations. The project identifies, prioritizes and implements specific capital improvement projects 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. Previous studies were developed into specific projects presented as separate CIP projects. This project will be funded on a yearly basis and projects will be completed dependent upon availability of funding.	4,5,6,7 8,9,10

LR-05 <u>Citywide Wastewater Lift Station Alternate Power Supply (Continuation)</u>	<u>\$3,000,000</u>	4,5,6,7
<p>This project provides for implementation of a strategic lifecycle program for future projects and funding requirements with cost benefit analysis for the City's 99 Lift Stations. The project identifies, prioritizes and implements specific capital improvement projects 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. Previous studies were developed into specific projects presented as separate CIP projects. This project will be funded on a yearly basis and projects will be completed dependent upon availability of funding.</p>		
LR-06 <u>Unanticipated Wastewater Capital Requirements (Continuation)</u>	<u>\$1,750,000</u>	4,5,6,7 8,9,10
<p>This project provides for implementation of a strategic lifecycle program for future projects and funding requirements with cost benefit analysis for the City's 99 Lift Stations. The project identifies, prioritizes and implements specific capital improvement projects 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. Previous studies were developed into specific projects presented as separate CIP projects. This project will be funded on a yearly basis and projects will be completed dependent upon availability of funding.</p>		
LR-07 <u>Allison WWTP Process Upgrade and Replacement (Continuation)</u>	<u>\$14,700,000</u>	4,5
<p>Revisions to the treatment process of Allison Wastewater Treatment Plant are needed to comply with required treatment of ammonia. Revisions to the process will require the establishment of an aerobic treatment process. Conversion of the plant will include construction of an anoxic chamber prior to aeration; increase of aeration capacity with new blowers and fine bubble diffusers and automatic controls on air supply to adjust for varying influent treatment loads to the plant during off-duty hours of operation.</p>		
LR-08 <u>Developer Utility Participation - Wastewater (Continuation)</u>	<u>\$452,000</u>	4,5,6,7
<p>Under the Platting Ordinance, the City participates with developers on utility construction for over-sized main lines (Sanitary Sewer Trunk System Trust Funds). This project will provide for the City's share of such projects as necessary up to the approved amount.</p>		
LR-09 <u>Greenwood Plant 8 to 12 MGD Expansion (Continuation)</u>	<u>\$25,200,000</u>	4,5,6,7
<p>Texas Commission on Environmental Quality regulations require alternatives be initiated "when flows exceed 75% of the rated capacity." The Greenwood WWTP is nearing this capacity with additional flows planned as development increases in the area. In anticipation of this, preliminary design for the expansion was completed by Alan Plumber and Associates in Spring 2008. The City will go forward with completing design plans and specifications in Fiscal Year '16, with construction of the expansion scheduled to take place in Fiscal Year 2017 if projected flows warrant it. This project provides for a state of the art, stand-alone 4 MGD expansion south of the existing plant.</p>		

LR-10	<u>Citywide Wastewater Master Plan</u>	<u>\$1,200,000</u>	4, 5, 6
	<p>Upon completion of the city-wide hydraulic model and service area assessments for combined operational efficiencies, a city-wide Wastewater Master Plan will capture existing service and identify future collection and conveyance systems. A city-wide approach will enable re-establishment of treatment plant service areas and investigate feasibility of re-doing or even eliminating existing wastewater treatment plants.</p>		
LR-11	<u>Williams Lift Station and Force Main (Line A)</u>	<u>\$8,050,000</u>	4, 5, 6
	<p>Upgrading the existing lift station at Williams is proposed to handle subdivision development and future growth in the Southside area. Larger pumps, additional structural work, and force mains are necessary for the lift station.</p>		
LR-12	<u>Williams /Wooldridge Lift Station Hydraulics Improvements</u>	<u>\$5,800,000</u>	4, 5, 6
	<p>This project will upgrade hydraulics at the Williams and Wooldridge Lift Stations due to age of existing equipment.</p>		
LR-13	<u>Clarkwood North Lift Station Header Repair</u>	<u>\$3,195,000</u>	4, 5, 6
	<p>This project provides for implementation of a strategic lifecycle program for future projects and funding requirements with cost benefit analysis for the City's 99 Lift Stations. The project identifies, prioritizes and implements specific capital improvement projects 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. Previous studies were developed into specific projects presented as separate CIP projects. This project will be funded on a yearly basis and projects will be completed dependent upon availability of funding.</p>		
LR-14	<u>21" and 24" Gravity Line from Aberdeen to Oso Plant</u>	<u>\$4,620,000</u>	6, 7, 8
	<p>The existing pipe is the oldest gravity line to the Oso Plant. This project includes rehabilitating the 21" and 24" gravity lines and relocating the Texas A&M - Corpus Christi University force main to a discharge point closer to the Oso Plant. The proposed improvements will also increase capacity and reduce infiltration and inflow to the plant.</p>		
LR-15	<u>T-Heads Lift Station Upgrades</u>	<u>\$3,310,000</u>	7, 8
	<p>The existing lift stations on the Peoples and Lawrence Street T-Heads and Coopers Alley L-Head will be replaced with new structures, pumps, control systems, grease traps and force main lines. Replacement is necessary to meet current and anticipated wastewater service needs. This project will be coordinated with any future Bayfront development.</p>		

LR-16	<u>24" Gravity Line in Gollihar</u>	\$690,000	9, 11+
	The condition of this old gravity system is inadequate. Although flows have been reduced by previous diversions, the line is of standard vitrified clay pipe or concrete. Previous investigations have indicated bad joints, infiltration, and a number of failures. The project includes rehabilitation by slip lining and/or cured in place pipe (CIPP) of this system in order to increase its service life and reduce infiltration and inflow to the Oso Plant. Approximate length of 24" diameter line is 10,000 linear feet. Future Construction costs are anticipated at \$7.2 million.		
LR-17	<u>7th Street Trunk Relining</u>	TBD	11+
	Deteriorated clay lines in this area have exceeded their useful service life and need to be slip lined. This project will provide for complete rehabilitation of this line to diminish infiltration and inflow into the wastewater system.		
LR-18	<u>Flynn Parkway - Everhart Trunk Relining</u>	TBD	11+
	Deteriorated clay lines in this area have exceeded their useful service life and need to be slip lined. This project will provide for complete rehabilitation of this line to diminish infiltration and inflow into the wastewater system.		
LR-19	<u>Nile Drive Trunk Main</u>	TBD	11+
	The Oso trunk system is presently surcharged (exceeds flow capacity). Actions upstream will relieve overloaded conditions, but a parallel line from the Williams Drive Lift Station to Airline Road along Williams Drive will be required in the future. This project proposes construction of a 24-gravity line to relieve surcharges.		
LR-20	<u>Cimarron Gravity Line</u>	TBD	11+
	This project proposes the installation of a 15" gravity line from the new lift station at Cimarron to Bison Drive, parallel to the existing 18" gravity line. Included will be the required manholes and tie-ins.		
LR-21	<u>Cimarron & Lenz Drive Lift Station</u>	TBD	11+
	This project includes the construction of a new lift station near the intersection of Cimarron and Lenz to handle projected flows from Sewer Planning Area #38. A new site is proposed in order to make access for maintenance easier and safer. Hook-ups to the new lift station from the associated gravity lines and a new force main are included.		
LR-22	<u>LaBonte Park Lift Station and Force Main</u>	TBD	11+
	Upgrading the existing lift station including larger pumps, additional structural work, and force mains.		

LR-23	<u>Riviera Street Lift Station Upgrade and Force Main</u>	TBD	
	Upgrading the existing lift station at Riviera Street and Laguna Shores Road is proposed to handle subdivision development and future growth in the far south area of Flour Bluff. Larger pumps, additional structural work, and force mains are necessary for the lift station.		
LR-24	<u>Allison WWTP Expansion from 5 to 7 MGD</u>	TBD	11+
	The Allison Treatment Plant presently treats approximately 3.0 MGD, which is 60% of the plant's design flow hydraulic capacity. With new development in the northwest area of the City, treatment capacity is expected to exceed permitted flows. Added capacity will keep the plant in compliance with the 75/90% rule of the Texas Commission on Environmental Quality.		
LR-25	<u>Sanitary Sewer Installation in Developed Areas</u>	TBD	11+
	This project is a multi-year project which includes the extension of wastewater service (gravity lines, lift station and force mains) proposed for developed areas in the City currently unserved by sanitary sewer collection system. Among the areas considered for improvements are Riverside Acres, Old Brownsville Road, and south of South Padre Island Drive and Saratoga Industrial Subdivision (between Greenwood and Ayers). This multi-year project also includes the River Forest Area, which is unique in its topography, in order to develop a more cost-effective plan for service and Falling Riverside tracts.		
LR-26	<u>Laguna Madre WWTP Expansion from 3 to 6 MGD</u>	TBD	11+
	The Laguna Madre Plant has been treating wastewater flows within permit requirements; however, as development in the Flour Bluff area continues, it is anticipated that the plant will exceed 75% of capacity triggering the TCEQ requirement to initiate planning for an expansion. Current treatment capacity of 3 MGD would be expanded to 6 MGD.		

TOTAL FUTURE CAPITAL IMPROVEMENT NEEDS:	\$252,567,000
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