

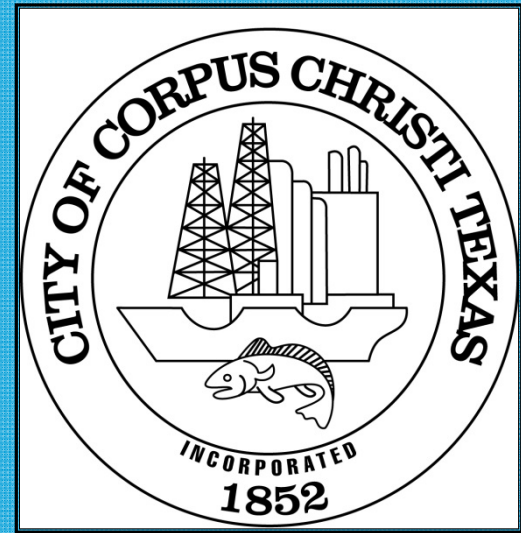
ADOPTED CAPITAL IMPROVEMENT BUDGET AND PLANNING GUIDE

FISCAL YEAR 2014 - 2015

Adopted by City Council

Ordinance No. 030303 on September 30, 2014

City Manager Ronald L. Olson





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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

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

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Lillian Riojas
Council Member
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David Loeb
Council Member
At Large



Kelley Allen
Council Member



Chad McGill
Council Member



Colleen McIntyre
Council Member



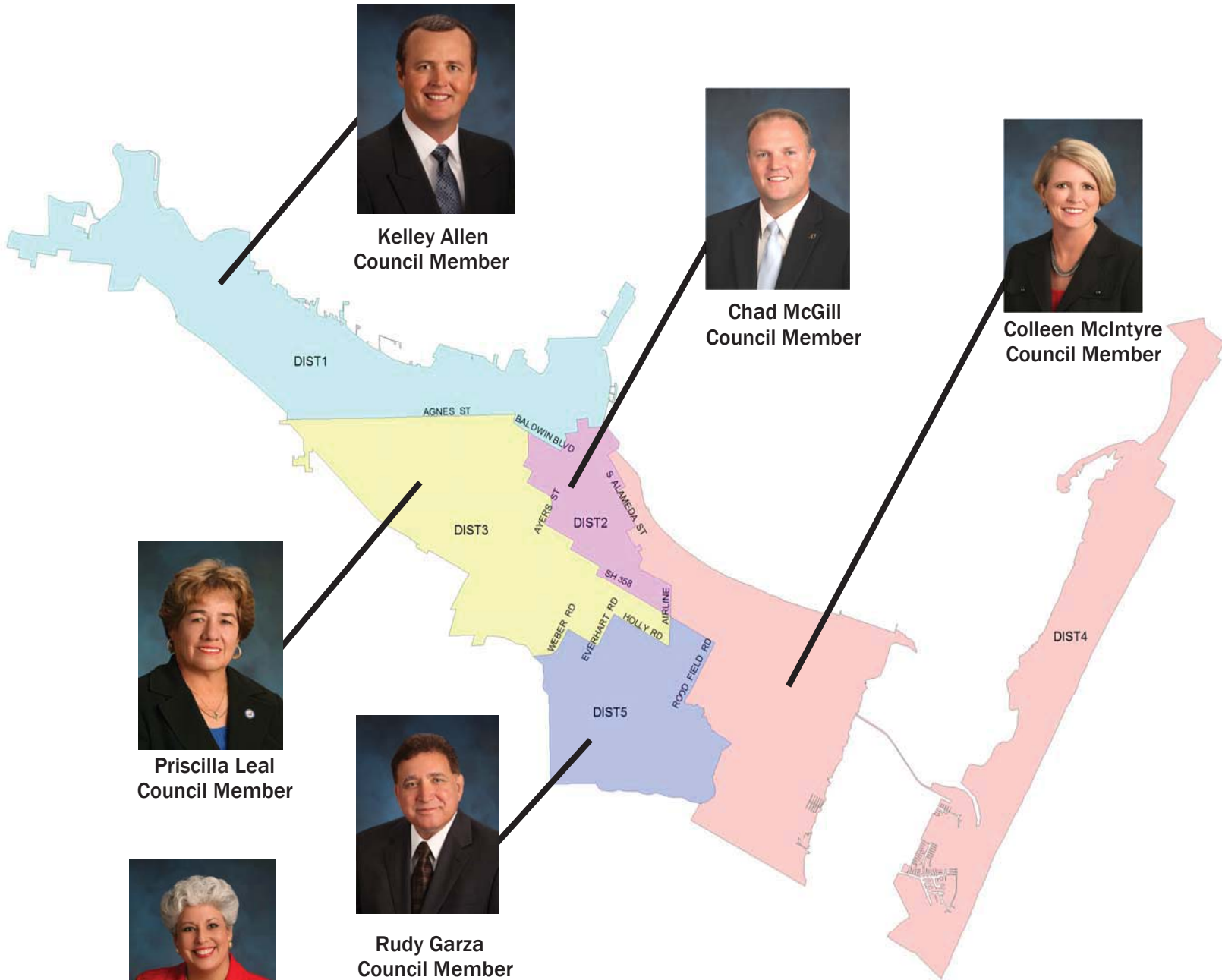
Priscilla Leal
Council Member



Rudy Garza
Council Member



Nelda Martinez
Mayor



2014-2015

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. 7.31.15)
Chairman

Eric Villarreal (exp. 7.31.16)

Heidi Hovda (exp. 7.31.17)

Carl Crull (exp. 7.31.17)

Jonas Chupe (exp. 7.31.15)

Curtis Rock (exp. 7.31.16)

Marsha Williams (exp. 7.31.17)

Mike Lippincott (exp. 7.31.15)

Fred Braselton (exp. 7.31.16)

2015 Corpus Christi Planning Commission

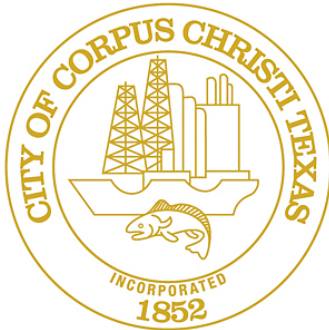
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City Manager's Message

The Future Delivered on Time



City of Corpus Christi, Texas

Office of the City Manager

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

The Adopted Capital Budget and Capital Improvement Planning Guide, also known as the Capital Improvement Program (CIP), is respectfully submitted for your consideration. The purpose of the CIP is to identify, prioritize, fund, and construct projects that are needed to enhance or maintain the quality of life expected by our citizens. This document serves as both a budget – for fiscal year 2015 - 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 all 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 agenda to facilitate fiscal and needs-based planning for Years Two and Three, and
- a long-range component located at the back of each section, consisting of items considered imperative 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 2014 – 2015 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 2015.

PUBLIC FACILITIES PROGRAM

The focus of the Public Facilities Program for FY 2015 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 proposed 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 and continuing the work of installing energy efficiency retrofits to City-owned facilities.

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. 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. These projects include additional improvements to the Salt Flats Levee System, repairs to the downtown Seawall and possible elevation of the barge dock at the existing seawall bulkhead. A final project for the re-nourishment of McGee Beach is a joint project between the City and Texas General Land Office (TGLO) to improve approximately 1,800 feet of Corpus Christi Bay Shoreline.

STREETS PROGRAM

Street quality has an impact on every resident, business, and visitor of our City. It affects property values, accessibility to businesses, schools, and residential areas and impacts the quality of life of our citizens. The FY 2014 – 2015 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 Bond Election.

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 National Pollutant Discharge Elimination System (NPDES) 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 2014 – 2015 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

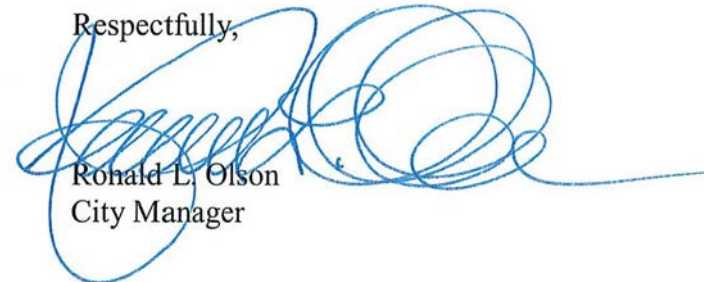
Water Supply projects are designed to maintain the City's existing water supply facilities and to provide additional delivery facilities and supply sources. Fiscal Year 2015 projects address long term water needs through the construction of the Mary Rhodes Pipeline Phase 2 and investigate alternate water delivery methods with a demonstration project to site, construct and implement a test desalination plant operating at 200,000 gallons per day. Additional water supply projects to protect and upgrade equipment are planned for both the Choke Canyon and Wesley Seale Dams.

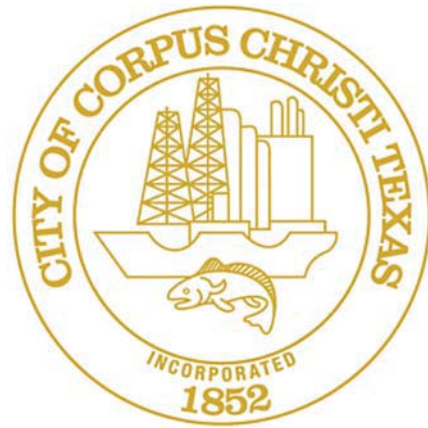
WASTEWATER PROGRAM

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.

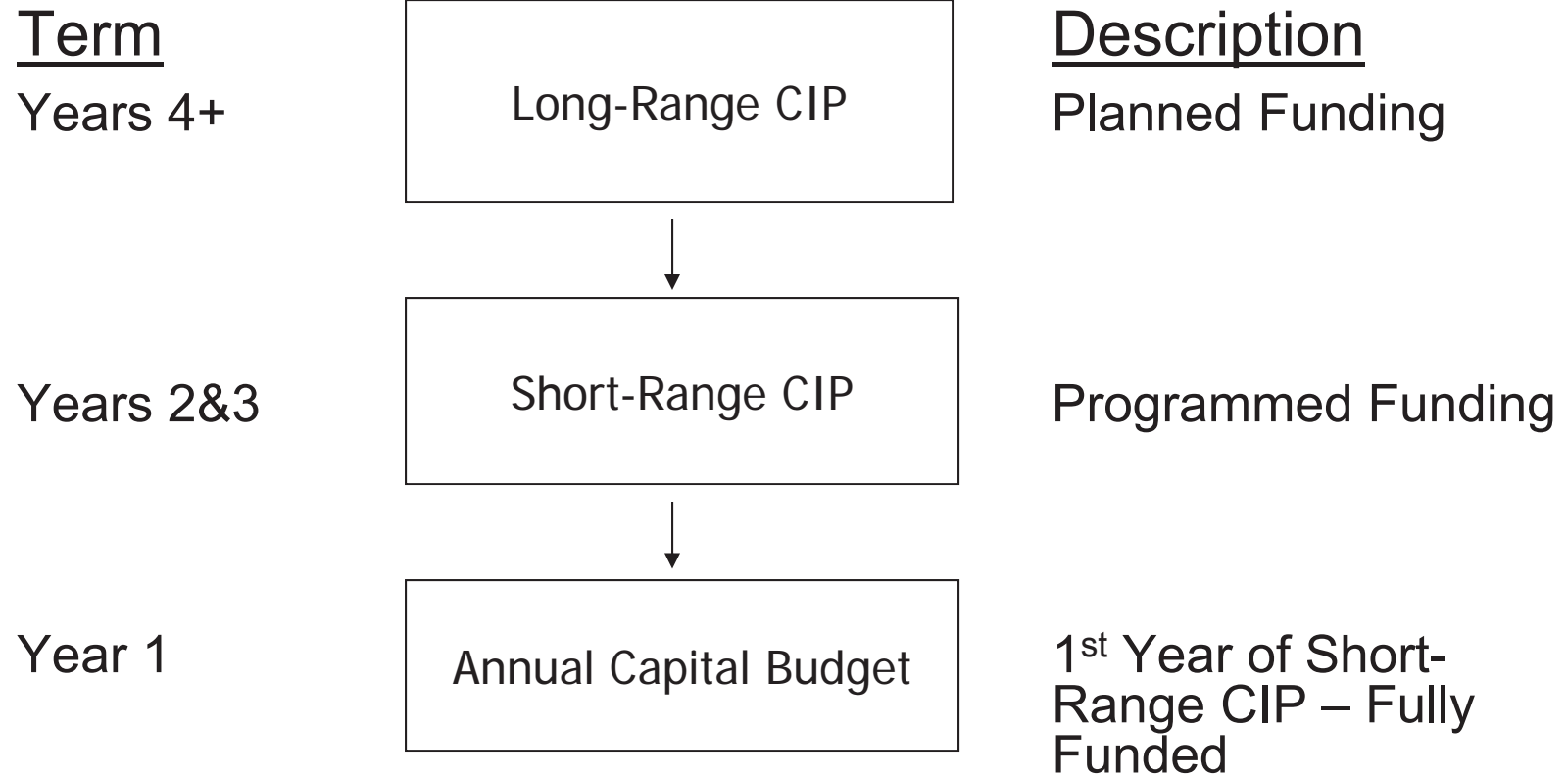
CONCLUDING REMARKS

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

Respectfully,

Ronald L. Olson
City Manager



CIP Planning Guide - Major Sections



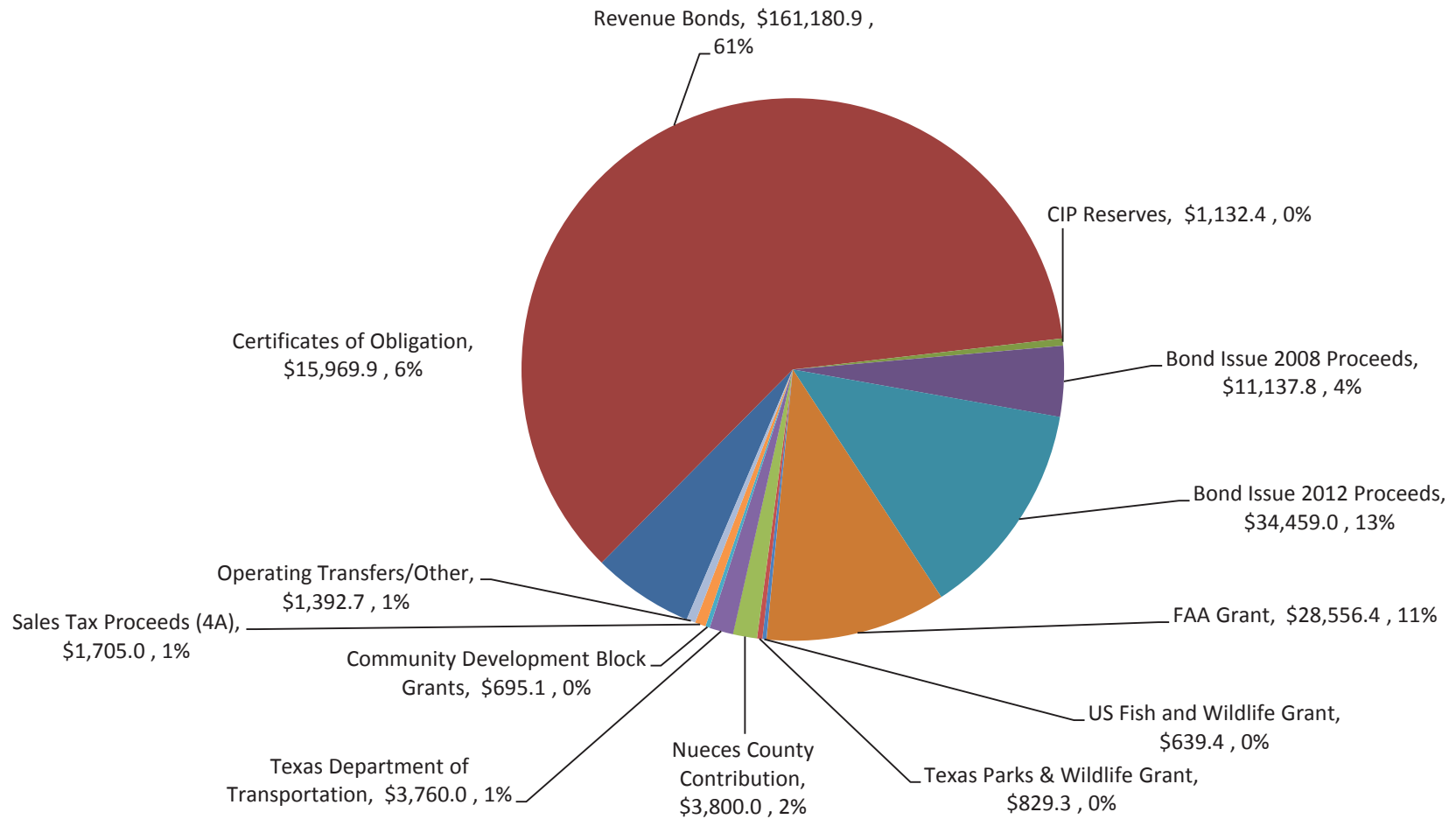
FY 2015 CAPITAL BUDGET SCHEDULE

Friday, April 25, 2014	Work begins on Compiling Project Pages for CIP Book Sections
Monday, May 23, 2014	Draft Capital Budget Book Short-Range Pages Delivered to Executive Committee for Review and Comment
Wednesday, June 11, 2014	Draft Capital Budget Book Given to Planning Committee
Wednesday, June 11, 2014	Draft Capital Budget Book Presentation to Planning Committee
Wednesday, June 11, 2014	Planning Commission Meeting – Document Overview, Public Hearing & Recommendations
Tuesday, September 23, 2014	Council Capital Budget Presentation
Tuesday, September 23, 2014	Regular City Council Meeting- Council Discussion/1st Reading & Approval
Tuesday, September 30, 2014	Regular City Council Meeting-Council Discussion & Approval

Capital Budget

The Future Delivered on Time

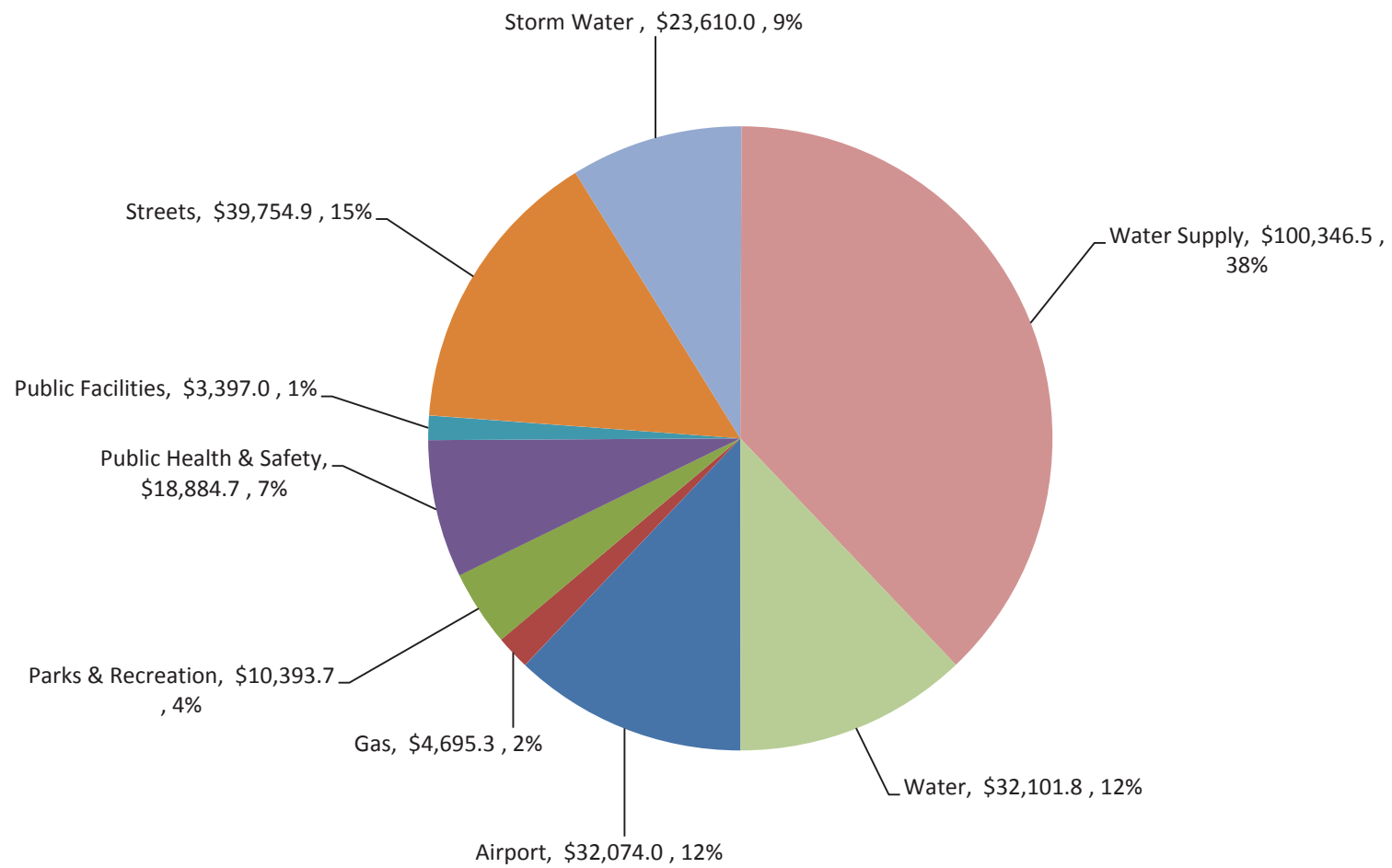
2015 Funding Sources by Type: \$265,257.9 (Amounts in 000's)



2015 CAPITAL BUDGET SUMMARY
(Amounts in 000's)

Funding Sources by Type	Amount	% of Total
CIP Reserves	\$ 1,132.4	0.4%
Certificates of Obligation	15,969.9	6.0%
Community Development Block Grant Program	695.1	0.3%
Revenue Bonds	161,180.9	60.8%
Bond Issue 2008 Proceeds	11,137.8	4.2%
Bond Issue 2012 Proceeds	34,459.0	13.0%
FAA Grant	28,556.4	10.8%
Nueces County Contribution	3,800.0	1.4%
Texas Department of Transportation	3,760.0	1.4%
Texas Parks & Wildlife Grant	829.3	0.3%
US Fish and Wildlife Grant	639.4	0.2%
Sales Tax Proceeds (4A)	1,705.0	0.6%
Operating Transfer/Other	1,392.7	0.5%
 Total FY 2015 Capital Sources	 <u>\$ 265,257.9</u>	 <u>100%</u>

2015 Funding Uses by Program: \$265,257.9 (Amounts in 000's)



2015 CAPITAL BUDGET SUMMARY
(Amounts in 000's)

Funding Uses by Program	Amount	% of Total
Airport	32,074.0	12.1%
Parks & Recreation	10,393.7	3.9%
Public Facilities	3,397.0	1.3%
Public Health & Safety	18,884.7	7.1%
Streets	39,754.9	15.0%
Gas	4,695.3	1.8%
Storm Water	23,610.0	8.9%
Water Supply	100,346.5	37.8%
Water	32,101.8	12.1%
Total FY 2015 Capital Uses	\$ 265,257.9	100%

**2015 CAPITAL BUDGET
(Amounts in 000's)**

PROJECT RECOMMENDATIONS		FUNDING SOURCES	
Airport			
Quick Turn Around Rental Car Facility	\$ 20.0	FAA Grant	28,556.4
Runway 17-35 Safety Mitigation	933.0	Airport CIP Reserves	332.4
Rehabilitate N General Aviation (NGA) Apron	24.0	Certificates of Obligation	3,165.2
Pinson Drainage	24.0	CFC	20
Runway 13-31 Extension Safety Mitigation	22,292.0		
Taxiway Reconfiguration	5,242.0		
N General Aviation (NGA) Apron Extension	3,164.0		
Taxilane - Apron for T Hanger Complex	50.0		
Airport Fuel Farm	75.0		
Utility/Street Support	250.0		
Total Projects:	<u>\$ 32,074.0</u>	Total Funding:	<u>\$ 32,074.0</u>
Parks & Recreation			
Community Park Development & Improvements	\$ 2,500.0	Texas Parks & Wildlife Grant	\$ 829.3
Hike & Bike Trail Development	1,579.3	Tax Increment Finance District	1,325.0
Aquatic Facility Upgrades and Improvements	1,750.0	Marina Revenue Bond	2,600.0
Packery Channel Improvements Phase 3	815.0	US Fish and Wildlife Grant	639.4
Packery Channel Miscellaneous Improvements	510.0	Bond 12 Issue	5,000.0
City Marina Pier R Improvements	3,239.4		
Total Projects:	<u>\$ 10,393.7</u>	Total Funding:	<u>\$ 10,393.7</u>
Public Facilities			
Signs/Signal Operations - New Shop & Office Facility	\$ 625.0	Certificates of Obligation	2,000
Animal Control Remodel/Improvements	287.0	Bond 12 Issue	1,397
Museum Roof Replacement	400.0		
Central Library Roof Replacement	65.0		
Hopkins & Garcia Library Roof Replacement	20.0		
Comprehensive Facilities Improvements	2,000.0		
Total Projects:	<u>\$ 3,397.0</u>	Total Funding:	<u>\$ 3,397.0</u>

**2015 CAPITAL BUDGET
(Amounts in 000's)**

PROJECT RECOMMENDATIONS		FUNDING SOURCES	
Public Health & Safety			
Health Department - WIC Roof Replaced	\$ 55.0	Sales Tax Proceeds (4A)	\$ 380.0
Health Department - Parking Lot	150.0	Certificates of Obligation	10,804.7
Vehicle Impound Yard, PH 2	175.0	Bond 12 Issue	7,700.0
J.C. Elliot Landfill New Office Building	1,396.2		
Landfill Pavement/ Roadway Life Cycle Replacement	750.0		
Cefe Valenzuela Landfill Disposal Cells Interim Cover -	3,936.0		
Cefe Valenzuela Landfill Liquids Management	1,191.0		
Cefe Valenzuela Landfill Disposal Cells Construction - Sectors 1B & 1C	3,327.5		
Citizens Collection Center Flour Bluff/Padre Island Area	204.0		
Seawall Capital Repairs	500.0		
Barge Dock Improvements	2,000.0		
Salt Flats Levee System - PH 2	4,000.0		
McGee Beach Nourishment	1,200.0		
Total Projects:	<u>\$ 18,884.7</u>	Total Funding:	<u>\$ 18,884.7</u>

Streets			
Navigacion Boulevard - Up River Rd to Leopard ST	\$ 5,065.9	Airport Revenues	\$ -
S Alameda St - Ayers St to Louisiana Ave	1,521.0	Bond Issue 2008 Proceeds	11,137.8
Greenwood Dr - Gollihar Rd to Horne Rd	1,083.0	Community Development Block Grants	695.1
Ocean Dr - Buford St to Louisiana Ave	2,750.0	Bond 12 Issue	20,362
Tuloso Rd - Interstate Highway 37 to Leopard St	538.0	Texas Dept of Transportation	3,760
S Staples St - Brawner Parkway to Kostoryz Rd	4,700.0	Nueces County	3,800
S Staples St - Morgan Ave to Interstate Highway 37	4,504.0		
McArdle Rd - Nile Dr to Ennis Joslin	3,844.0		
McArdle Rd - Nile Dr to Whitaker	1,062.0		
Kostoryz Rd - Brawner Parkway to Staples St	2,739.4		
Horne Rd - Ayers St to Port Ave	1,336.6		
Morgan Ave - S Staples St to Crosstown Freeway	2,619.0		
Twigg St - Shoreline Blvd to Loer Broadway	1,608.0		
Leopard St - Crosstown Freeway to Palm Dr	742.0		
Holly Rd - Corsstown Freeway to Greenwood Dr	1,875.0		
Williams Dr Ph3 - S Staples to Airline Rd	5,660.0		
JFK Causeway Area Improvements	772.0		
ADA Master Plan Improvements	575.0		
Signal Improvements and Street Lighting	500.0		
Sea Town Pedestrian Improvements	320.0		
North Beach Breakwater, Plaza, N Shoreline Repair & Beautification	548.0		
North Beach Breakwater, Plaza, N Shoreline Repair & Enhancement	872.0		
Developer Participation	750.0		
County Rd 52 Extension (CR 69 to FM 1889)	4,750.0		
International Blvd	1,175.3		

**2015 CAPITAL BUDGET
(Amounts in 000's)**

PROJECT RECOMMENDATIONS		FUNDING SOURCES	
Streets (Con't)			
Accessible Routes in CDBG Residential Areas, PH3	200.0		
ADA Improvements in CDBG Areas	495.1		
Park Rd 22 Bridge	5,705.5		
Bayfront Development Plan PH3	3,762.8		
Williams Dr PH2 - Nile to Airline	200.0		
Rodd Field/Yorktown Intersection at Airline	2,000.0		
Utility relocations funded by Utilities (See Airport, Storm Water, Water, Gas, & Wastewater)	(24,518.7)		
	<u>\$ 39,754.9</u>		
Total Projects:		Total Funding:	<u>\$ 39,754.9</u>
Gas			
West Side Interior Loop	\$ 750.0		
Gas Line Replacement/Extension Program	500.0	Revenue Bonds	4,695.3
Gas Line Parallel to Padre Island Water Main PH2	1,000.0		
Public Fill CNG Station	10.0		
Existing CNG Station Expansion	400.0		
High Pressure Cathodic Protection Master Plan	1,000.0		
Street Utility Relocations	1,035.3		
	<u>\$ 4,695.3</u>		
Total Projects:		Total Funding:	<u>\$ 4,695.3</u>
Storm Water			
Lifecycle Pipe Rehabilitation & Replacement	\$ 2,000.0	Revenue Bonds	\$ 23,260.0
IDIQ Major Ditch Improvements	500.0	Storm Water Capital Reserve	350.0
Drainage Channel Excavation - Master Channel 31	250.0		
Schanen Ditch Improvements, PH 2	1,200.0		
La Volla Creek Channel Excavation, PH 1	2,000.0		
Oso Creek Basin Drainage Relief	500.0		
Unanticipated Storm Water Capital Requirements	250.0		
Egyptian and Meadowbrook/USACE Mitigation	300.0		
Gollihar Outfall Repairs	1,400.0		
Lifecycle Curb and Gutter Replacement	600.0		
Minor Channel Improvements	250.0		
Storm Water Master Plan Update	1,600.0		
Major Outfall Assessment and Repairs	300.0		
Bridge Rehabilitation	600.0		
Developer Participation - Storm Water	100.0		
Street Utility Relocations	11,760.0		
	<u>\$ 23,610.0</u>		
Total Projects:		Total Funding:	<u>\$ 23,610.0</u>

**2015 CAPITAL BUDGET
(Amounts in 000's)**

PROJECT RECOMMENDATIONS		FUNDING SOURCES	
Water Supply			
Mary Rhodes Water Supply Pipeline PH2	\$ 96,523.8	Revenue Bonds	\$ 98,973.8
City of Corpus Christi Desalination Program	1,372.7	Raw Water Supply Fund	1,372.7
Mary Rhodes Pipeline PH 1 Segment 1 Unit I nstallation	700.0		
Corpus Christi Reservoir Operating Sys Infrastructure Improvements	1,250.0		
Greenwood Effluent Line to Up River Road	500.0		
Total Projects:	<u>\$ 100,346.5</u>	Total Funding:	<u>\$ 100,346.5</u>

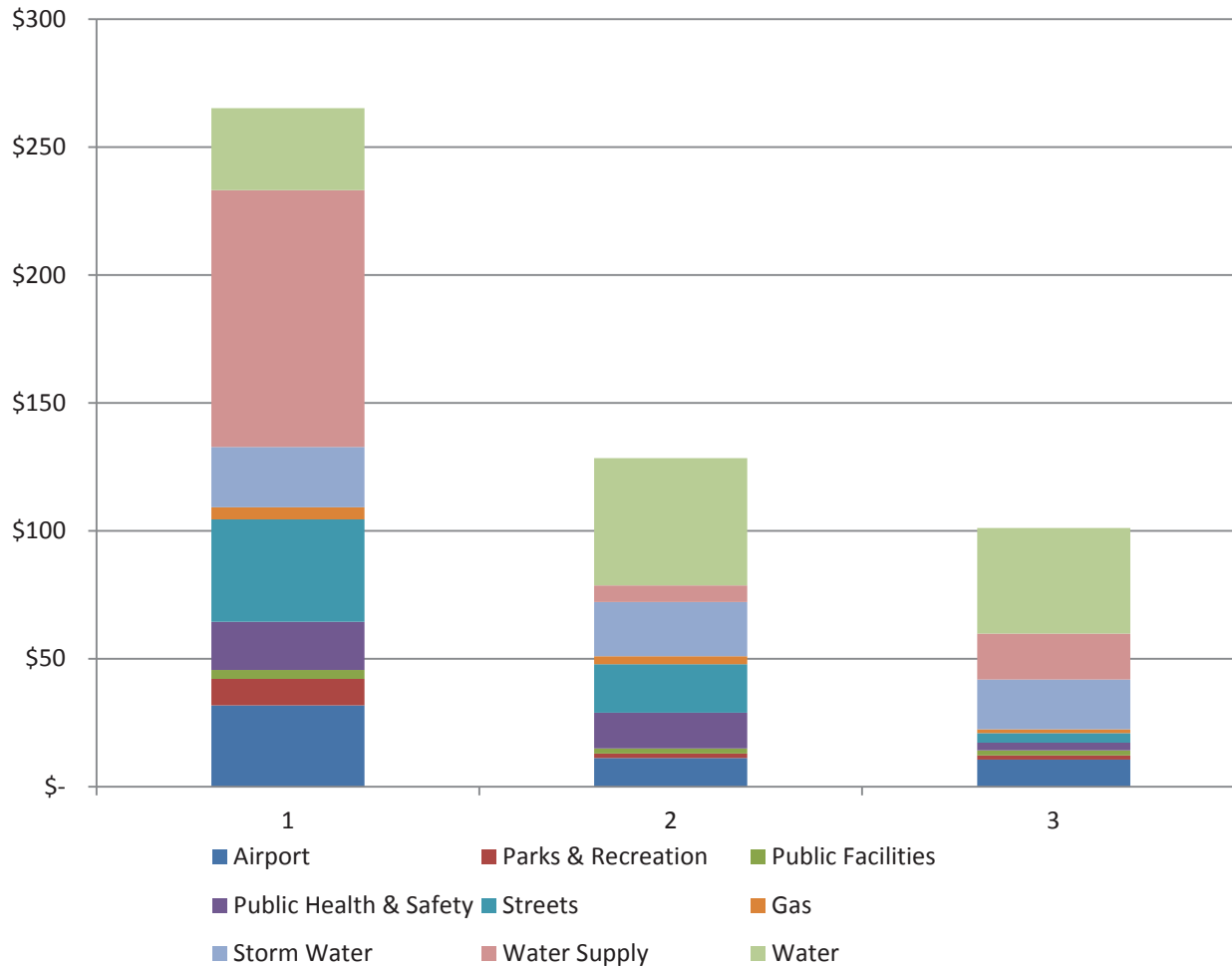
Water			
Programmed Water Line Service Life Extension	\$ 2,500.0	Revenue Bonds	\$ 31,651.8
Elevated Water Storage Tanks PH2	750.0	Water Capital Reserve	\$ 450.0
ON Stevens Alum Facilities and Fluoride Replacement	1,150.0		
ONS WTP High Service Building 3 and Clearwell 3 and Clearwell 1 Repair	5,000.0		
ONS WTP AEP Transmission Line Relocation	2,224.6		
ONS Stevenss Raw Water Influent Improvements	3,000.0		
Water Program Management	250.0		
ONS Water Treatment Plant Interim Sludge Mgm't Improvements	500.0		
ON Stevens Polymer Liquid Ammonium Sulfate (LAS) Facilities Repla	405.1		
ONS Water Treatment Plant Site Infrastructure Improvements	500.0		
System-wide Processs Control Reliability Improvements	250.0		
Water Transmission Infrastructure Cathodic Protection Improvements	1,000.0		
Developer Participation - Water	100.0		
Water Meter and Automated Meter Reading Improvements	250.0		
Naval Air Station Water Distribution Infrastructure Improvements	500.0		
Nueces River Raw Water Pump Station	6,000.0		
Street Utility Relocations	7,722.1		
Total Projects:	<u>\$ 32,101.8</u>	Total Funding:	<u>\$ 32,101.8</u>

TOTAL CAPITAL BUDGET: \$ 265,257.9

CIP Summary

PROGRAM EXPENDITURES (3 Years)

Millions



SHORT-RANGE CIP SUMMARY

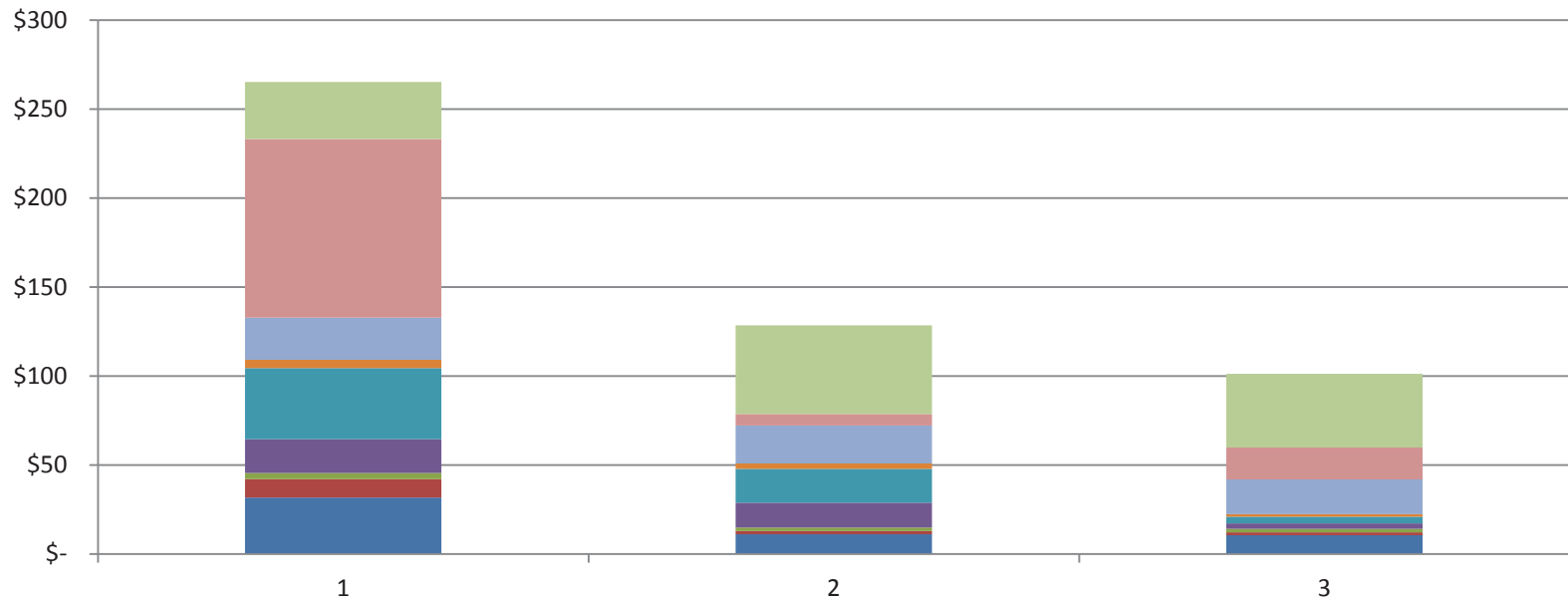
Funding Sources by Revenue Type

(Amounts in 000's)

Type	Estimated Project-to-Date Funding Sources thru March '14	CIP Budget Year 1 2014-2015	Year 2 2015-2016	Year 3 2016-2017	Three Year Total
CDBG Program	\$ 301.3	\$ 695.1			\$ 695.1
Certificates of Obligation	18,114.9	15,969.9	8,558.1	2,750.0	27,278.0
CIP Reserves	885.4	1,132.4	2,196.6	2,522.5	5,851.5
Utility Revenue Bonds	245,336.8	99,123.8			99,123.8
Bond Issue 2004 Proceeds	2,957.3				-
Grant / FAA	18,212.6	29,195.8	8,318.3	7,402.5	44,916.6
Other Funding	7,549.6	1,392.7	4,030.0	750.0	6,172.7
Nueces County Contribution		3,800.0			3,800.0
Tax Increment Financing District	753.4	1,325.0	1,761.0	1,516.2	4,602.2
Donations					-
Tax Notes	8,000.0				-
Texas Parks and Wildlife Department Grant	2,200.0	829.3			829.3
Military Revolving Loan					-
Texas Water Development Board	15,824.3				-
Sales Tax Proceeds (4A)	1,976.5	7,700.0	8,000.0	2,350.0	18,050.0
Bond 2012	60,371.2	27,139.0			27,139.0
Bond Issue 2008 Proceeds	31,104.5	11,137.8			11,137.8
Community Enrichment Fund	1,021.3				-
Texas Department of Transportation	546.8	3,760.0	4,080.0		7,840.0
Future Bond Issue		62,057.1	91,545.2	83,906.8	237,509.1
Regional Transportation Authority	137.3				-
	\$ 415,293.2	\$ 265,257.9	\$ 128,489.2	\$ 101,198.0	\$ 494,945.1

PROGRAM EXPENDITURES

Millions



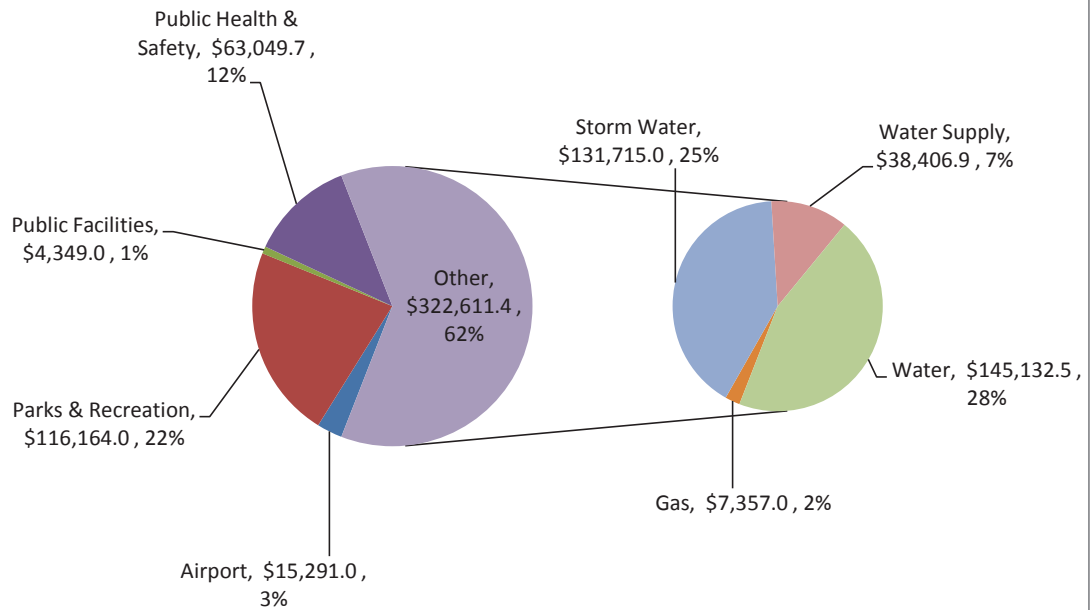
■ Airport ■ Parks & Recreation ■ Public Facilities ■ Public Health & Safety ■ Streets ■ Gas ■ Storm Water ■ Water Supply ■ Water

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

Program / Project	Project Budget as of July '14	CIP Budget			Three Year Total
		Year 1 2014-2015	Year 2 2015-2016	Year 3 2016-2017	
Airport	25,290.4	31,824.0	11,237.0	\$ 10,675.0	53,736.0
Parks & Recreation	19,667.9	10,393.7	1,761.0	1,516.2	13,670.9
Public Facilities					
Streets & Solid Waste Admin Building Roof	300.0	-	-	-	-
Signs/Signals - New shop & Offices	1,863.8	625.0	-	-	625.0
Animal Control Improvements	862.5	287.0	-	-	287.0
Fleet Maint Equip Shop	349.5	-	-	-	-
Museum Roof/S TX Art Museum, Barge	1,599.6	400.0			400.0
Various Library Roofs	254.7	85.0			85.0
Energy Efficiency Retrofits of City Facilities	8,918.0	-	-	-	-
Comprehensive Facilities Master Plan	-	-	-	-	-
Comprehensive Facilities Improvements	-	2,000.0	2,000.0	2,000.0	6,000.0
subtotal	14,148.1	3,397.0	2,000.0	2,000.0	7,397.0
Public Health & Safety					
Public Safety Warehouse for Fire and Police	3,589.5	-	-	-	-
Relocation of Fire Station #5		-	-	-	-
New Fire Station in the Area of Holly/Saratoga	1,838.3	-	-	-	-
Barge Dock Improvements	547.2	2,000.0	5,000.0	1,350.0	8,350.0
Other	4,253.6	16,884.7	8,911.0	1,750.0	27,545.7
subtotal	10,228.6	18,884.7	13,911.0	3,100.0	35,895.7
Streets (less Utility Support)					
Street Improvements	153,029.1	63,203.5	18,991.7	3,698.1	85,893.3
ADA Specific Improvements	1,805.0	1,070.1	-	-	1,070.1
subtotal (includes Utility Support)	154,834.1	64,273.6	18,991.7	3,698.1	86,963.4
Less Utility Support		(24,268.7)			(24,268.7)
subtotal	154,834.1	40,004.9	18,991.7	3,698.1	62,694.7
Utilities (with Street Utility Relocations)					
Gas	7,453.1	4,695.3	3,105.1	1,539.7	9,340.1
Storm Water	62,346.4	23,610.0	21,170.4	19,373.5	64,153.9
Water Supply	71,407.3	100,346.5	6,500.0	17,941.2	124,787.7
Water	49,917.3	32,101.8	49,813.0	41,354.3	123,269.1
subtotal	191,124.1	160,753.6	80,588.5	80,208.7	321,550.8
TOTAL:	\$ 415,293.2	\$ 265,257.9	\$ 128,489.2	\$ 101,198.0	\$ 494,945.1

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

Program	FY 2018 AND BEYOND	%
Airport	\$ 15,291.0	3%
Parks & Recreation	\$ 116,164.0	22%
Public Facilities	\$ 4,349.0	1%
Public Health & Safety	\$ 63,049.7	12%
Streets (utilities incl.)	N.A.V.	
Gas	\$ 7,357.0	1%
Storm Water	\$ 131,715.0	25%
Water Supply	\$ 38,406.9	7%
Water	\$ 145,132.5	28%
TOTAL:	<u>\$ 521,465.1</u>	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.

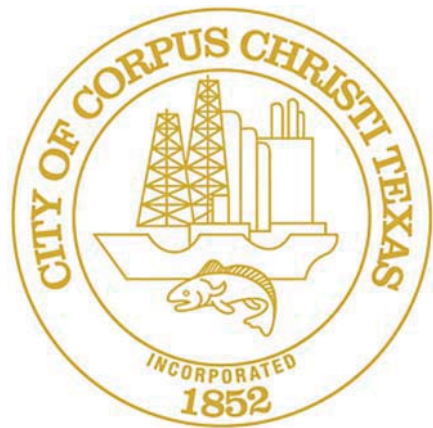
STATE REVOLVING FUND LOAN - proceeds received from a State of Texas program that provides funding for specific wastewater utility projects. SRF loans usually have more favorable terms and interest rates than conventional funding sources.

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

Utility Rates by Utility

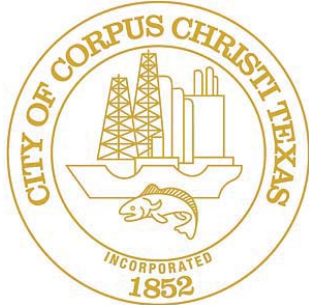
	2015	2016
Average ICL Res Water bill increase (Water rate classes on following page)	7.8%	12.8%
Increase for Costs, Coverage & Reserves - Gas	5.0%	4.0%

*Utility rates for Fiscal Year 2015 and potential rates for Fiscal Year 2016 are shown in this year's CIP Planning Guide. Estimated utility rates for 2017 through the remainder of the 10 year CIP are not shown because future rates (for Fiscal Year 2016 and beyond) will be subject to policy discussions to be had by the City Council in Fiscal Year 2015.

INSIDE-CITY			2015	2016
Residential				
	2,000	gals/mo	7.398%	0.018%
	3,000	gals/mo	7.599%	6.459%
	5,000	gals/mo	7.759%	11.567%
	6,000	gals/mo	7.799%	12.837%
	10,000	gals/mo	7.710%	15.984%
	15,000	gals/mo	7.577%	17.647%
	20,000	gals/mo	7.427%	18.635%
	30,000	gals/mo	7.186%	19.683%
	50,000	gals/mo	7.090%	20.309%
Commercial				
	10,000	gals/mo	3.684%	15.519%
	25,000	gals/mo	3.172%	18.178%
	50,000	gals/mo	3.036%	18.714%
	100,000	gals/mo	2.970%	18.977%
	500,000	gals/mo	2.874%	19.601%
Large Volume				
	15,000,000	gals/mo	10.915%	13.435%
	25,000,000	gals/mo	11.357%	20.217%
	100,000,000	gals/mo	11.745%	25.734%
OUTSIDE-CITY				
Large Volume				
	15,000,000	gals/mo	10.981%	2.137%
	25,000,000	gals/mo	13.390%	4.118%
	100,000,000	gals/mo	16.879%	6.811%
Wholesale				
SPMWD	1,000,000	gals/mo	20.012%	4.656%
STWA	1,000,000	gals/mo	31.183%	7.457%
NCWCID #4	1,000,000	gals/mo	24.773%	7.781%

*Utility rates for Fiscal Year 2015 and potential rates for Fiscal Year 2016 are shown in this year's CIP Planning Guide. Estimated utility rates for 2017 through the remainder of the 10 year CIP are not shown because future rates (for Fiscal Year 2016 and beyond) will be subject to policy discussions to be had by the City Council in Fiscal Year 2015.

Airport



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 2014–2015 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 2014-15 Airport Capital Improvement Program is highlighted by Phase II of the Runway Safety Project – Runway 13-31 Extension / Displacement Project. This is the second of two projects that will address runway safety issues. The issues stem 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 include the relocation of all navigational aids, lighting, and signage. The existing surfaces of Runway 18-36 and 13-31 will be 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. Airport Staff anticipates receiving \$33 million cumulative in entitlements and discretionary FAA funding, with 10% local match. 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.

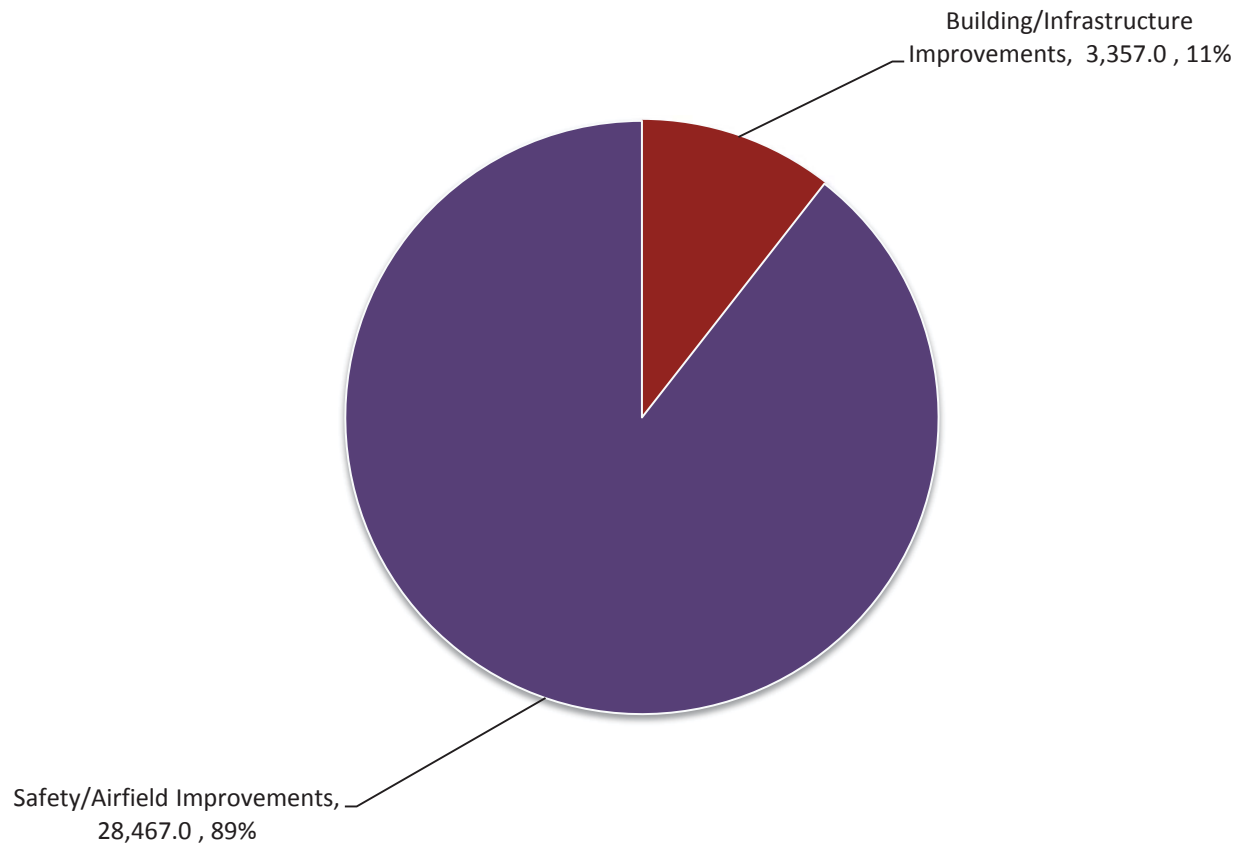
Subsequent years include projects that will improve airport facility infrastructure. Among the projects is the complete replacement of perimeter fencing around CCIA's Airport Operation Area. Also proposed are parking lot improvements, construction of a fuel farm for General Aviation (GA) customers, rehabilitation 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 2014 – 2015	YEAR TWO 2015 – 2016	YEAR THREE 2016-2017
TOTAL PROGRAMMED EXPENDITURES:	\$ 31,824,000	\$ 11,237,000	\$ 10,675,000
FUNDING:			
Certificates of Obligation	\$ 3,165,200	\$ 647,100	\$ 0
Airport Operating Fund Reserve	\$ 82,400	\$ 2,196,600	\$ 2,522,500
FAA Grant	\$ 28,556,400	\$ 8,318,300	\$ 7,402,500
CFC	\$ 20,000	\$ 75,000	\$ 750,000
TOTAL PROGRAMMED FUNDS:	\$ 31,824,000	\$ 11,237,000	\$ 10,675,000

Airport
Annual CIP: \$31,824.0
(Amounts in 000's)



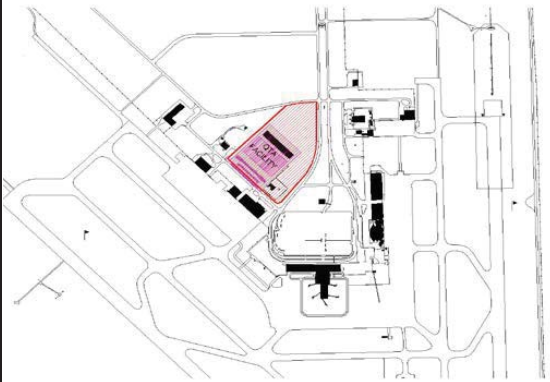
**AVIATION
SHORT-RANGE CIP
(Amounts in 000's)**

Seq #	Project Name	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
AV01	Quick Turn Around Rental Car Facility Finance and Engineering Number: 10030	5,976.0	24.0	20.0	-	-	20.0
AV02	Runway 17-35 Safety Mitigation Finance and Engineering Number: E11046	14,560.0	1,751.0	933.0	-	-	933.0
AV03	Rehabilitate North General Aviation (NGA) Apron Finance and Engineering Number: E11122	1,142.0	30.0	24.0	-	-	24.0
AV04	Pinson Drainage Finance and Engineering Number: E11123	388.4	-	24.0	-	-	24.0
AV05	Runway 13-31 Extension Safety Mitigation Finance and Engineering Number: E11047/E11046	932.0	-	22,292.0	2,666.0	-	24,958.0
AV06	Taxiway Reconfiguration Finance and Engineering Number: E11048	-	210.0	5,242.0	4,091.0	-	9,333.0
AV07	North General Aviation (GA) Apron Extension Finance and Engineering Number: E12156B	165.0	-	3,164.0	-	-	3,164.0
AV08	Taxilane – Apron for T Hangar Complex Finance and Engineering Number: TBD	-	-	50.0	950.0	-	1,000.0
AV09	Airport Fuel Farm Finance and Engineering Number: TBD	-	-	75.0	400.0	-	475.0
AV10	Parking Lot Improvements Finance and Engineering Number: TBD	-	-	-	675.0	1,200.0	1,875.0
AV11	Car Rental Ready Return Parking Lot Finance and Engineering Number: TDB	-	-	-	75.0	750.0	825.0
AV12	Rehabilitate East General Aviation (EGA) Apron Finance and Engineering Number: E12156	112.0	-	-	2,380.0	-	2,380.0
AV13	CCIA Air Operations Area (AOA) Perimeter Fence Replacement Finance and Engineering Number: TBD	-	-	-	-	6,625.0	6,625.0
AV14	Aircraft Rescue Fire Fighting (ARFF) Equipment Finance Number: TBD	-	-	-	-	750.0	750.0
AV15	Terminal Bldg Assessment Finance and Engineering Number: TBD	-	-	-	-	225.0	225.0
AV16	Master Plan Finance and Engineering Number: TBD	-	-	-	-	625.0	625.0
AV17	Reconstruction of Glasson Road Finance and Engineering Number: TBD	-	-	-	-	500.0	500.0
Aviation Program Sub-Total:		23,275.4	2,015.0	31,824.0	11,237.0	10,675.0	53,736.0

**AVIATION
SHORT-RANGE CIP
(Amounts in 000's)**

Seq #	Project Name	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
	TOTAL PROGRAMMED EXPENDITURES	23,275.4	2,015.0	31,824.0	11,237.0	10,675.0	53,736.0
CURRENTLY AVAILABLE FUNDING:							
	Certificate of Obligation	6,714.2	106.5	3,165.2	647.1	-	3,812.3
	Airport Fund Reserves	428.1	80.0	82.4	2,196.6	2,522.5	4,801.5
	FAA Grants	15,673.1	1,804.5	28,556.4	8,318.3	7,402.5	44,277.2
	Customer Facility Charge (CFC)	460.0	24.0	20.0	75.0	750.0	845.0
	Total Funding Source:	23,275.4	2,015.0	31,824.0	11,237.0	10,675.0	53,736.0

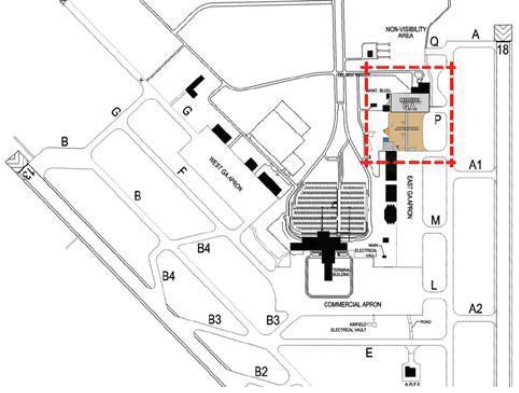
PROJECT DESCRIPTION

DEPARTMENT: <u>Aviation</u>		AV01					
PROJECT TITLE: <u>Quick Turn Around Rental Car Facility</u>							
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 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	453.0					-	Engineering Project No: 10030 Finance Project No: 101084 A/E Consultant: PGAL Contractor: BARCOM Award Design: May '10 Award Construction: January '11 Anticipated Completion: October '14
Construction	5,210.0	24.0				-	
Contingency						-	
Inspection/Other	313.0					-	
TOTAL:	5,976.0	24.0	20.0	-	-	20.0	
			20.0			20.0	
Source of Funds							
Certificates of Obligation	5,516.0					-	:Total Project Value
Airport Fund Reserves						-	
FAA Grant						-	
Customer Facility Charge (CFC)	460.0	24.0	20.0			20.0	
Bond Project '12						-	
TOTAL:	5,976.0	24.0	20.0	-	-	20.0	
OPERATIONAL IMPACT: The operational impact should be covered with CFC revenues and not impact the Airport Operating Fund.							

PROJECT DESCRIPTION

<p>DEPARTMENT: <u>Aviation</u> AV02</p> <p>PROJECT TITLE: <u>Runway 17-35 Extension Safety Mitigation</u></p> <p>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.</p>							
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	1,138.0	41.0				-	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: October '14 :Total Project Value
Construction	12,543.0	1,662.0	933.0			933.0	
Contingency						-	
Inspection/Other	879.0	48.0				-	
						-	
TOTAL:	14,560.0	1,751.0	933.0	-	-	933.0	
Source of Funds							
Certificates of Obligation	1,009.7	93.0	93.0			93.0	
Airport Fund Reserves	389.3	80.0				-	
FAA Grant	13,161.0	1,578.0	840.0			840.0	
Customer Facility Charge (CFC)						-	
Bond Project '12						-	
TOTAL:	14,560.0	1,751.0	933.0	-	-	933.0	
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)							

PROJECT DESCRIPTION

<p>DEPARTMENT: <u>Aviation</u> AV03</p> <p>PROJECT TITLE: <u>Rehabilitate North General Aviation (NGA) Apron</u></p> <p>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.</p>	
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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	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: October '14 :Total Project Value
Construction	995.0	30.0	24.0			24.0	
Contingency						-	
Inspection/Other	98.0					-	
TOTAL:	1,142.0	30.0	24.0	-	-	24.0	
Source of Funds							
Certificates of Obligation	114.2	3.0	2.4			2.4	
Airport Fund Reserves						-	
FAA Grant	1,027.8	27.0	21.6			21.6	
Customer Facility Charge (CFC)						-	
Bond Project '12						-	
TOTAL:	1,142.0	30.0	24.0	-	-	24.0	

OPERATIONAL IMPACT:

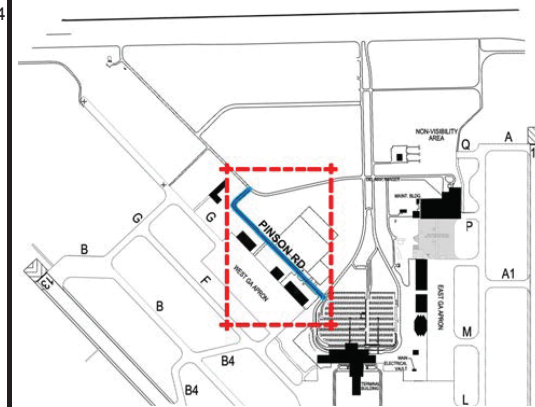
Relocation of tenant based aircraft and temporary decrease in revenue.

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.



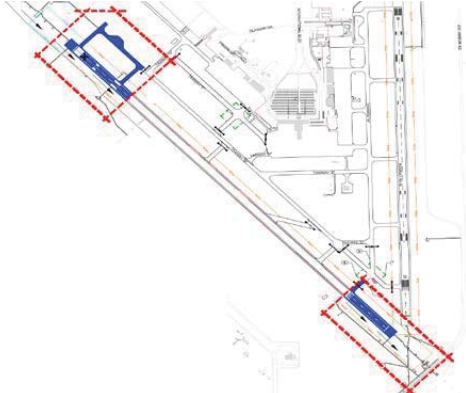
FUNDING SCHEDULE (Amounts in 000's)

Use of Funds	Project-to-Date Obligations 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	24.1					-	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: October '14
Construction	340.0		24.0			24.0	
Contingency							
Inspection/Other	24.3						
TOTAL:	388.4	-	24.0	-	-	24.0	
Source of Funds							
Certificate of Obligation						-	
Airport Fund Reserves	38.8		2.4			2.4	
FAA Grant	349.6		21.60			21.6	
Customer Facility Charge (CFC)						-	
Bond Project '12						-	
TOTAL:	388.4	-	24.0	-	-	24.0	:Total Project Value

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

PROJECT DESCRIPTION

<p>DEPARTMENT: <u>Aviation</u></p> <p>PROJECT TITLE: <u>Runway 13-31 Extension Safety Mitigation</u></p> <p>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.</p>	AV05	
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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	932.0					-	Engineering Project No: E11046 Finance Project No: G50E11047, GS51E1104 & GS52E1104 A/E Consultant: KSA Engineers Contractor: Bay Ltd. Award Design: May '11 Award Construction: May '14 Anticipated Completion: December '15 :Total Project Value
Construction			19,968.0	2,666.0		22,634.0	
Contingency						-	
Inspection/Other			2,324.0			2,324.0	
						-	
TOTAL:	932.0	-	22,292.0	2,666.0	-	24,958.0	
Source of Funds							
Certificates of Obligation	46.6		2,229.2			2,229.2	
Airport Fund Reserves				266.6		266.6	
FAA Grant	885.4		20,062.8	2,399.4		22,462.2	
Customer Facility Charge (CFC)						-	
Bond Project '12						-	
TOTAL:	932.0	-	22,292.0	2,666.0	-	24,958.0	

OPERATIONAL IMPACT:

Projected operational impact of additional \$10,000 for additional runway maintenance. * Multi Year Grant - Grt 47- \$885.40 - Grt 50 \$22462.20

PROJECT DESCRIPTION

DEPARTMENT: <u>Aviation</u>	AV06
PROJECT TITLE: <u>Taxiway Reconfiguration</u>	
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 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		210.0	250.0			250.0	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: December '15 :Total Project Value
Construction			4,192.0	3,043.0		7,235.0	
Contingency				598.0		598.0	
Inspection/Other			800.0	450.0		1,250.0	
						-	
TOTAL:	-	210.0	5,242.0	4,091.0	-	9,333.0	
Source of Funds							
Certificates of Obligation		10.5	524.2	409.1		933.3	
Airport Fund Reserves						-	
FAA Grant		199.5	4,717.8	3,681.9		8,399.7	
Customer Facility Charge (CFC)						-	
Bond Project '12						-	
TOTAL:	-	210.0	5,242.0	4,091.0	-	9,333.0	

OPERATIONAL IMPACT:

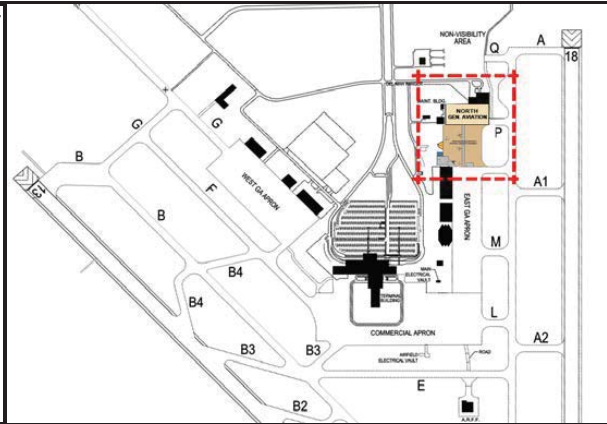
Project funded from Grant 51. Anticipated Operational savings due to installation of LED Lighting (Will quantify after 1st year of operations.)

PROJECT DESCRIPTION

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 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	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
Construction			2,804.0			2,804.0	
Contingency						-	
Inspection/Other			360.0			360.0	
TOTAL:	165.0	-	3,164.0	-	-	3,164.0	
Source of Funds							
Certificate of Obligation	16.5		316.4			316.4	
Airport Fund Reserves						-	
FAA Grant	148.5		2,847.6			2,847.6	
Customer Facility Charge (CFC)						-	
Bond Project '12						-	
TOTAL:	165.0	-	3,164.0	-	-	3,164.0	:Total Project Value

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.

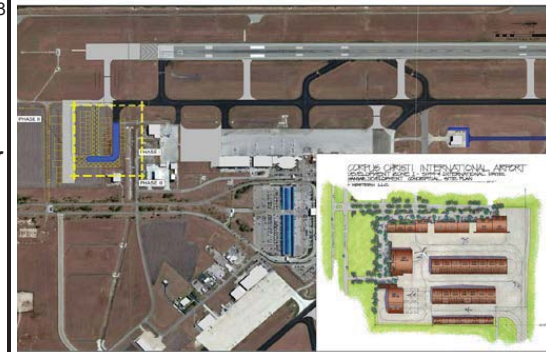
DEPARTMENT: Aviation

AV08

PROJECT TITLE: Taxilane – Apron for T Hangar Complex

DESCRIPTION: 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 the Airport. The Hangar Development Taxilane is a requirement prior to the construction of the new hangar development.

The hangar development area will be constructed in separate phases. This phase will consist of design, bidding, and construction of the South portion of the hangar development taxiway.



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			50.0			50.0	Engineering Project No: TBD Finance Project No: TBD A/E Consultant: TBD Contractor: TBD Award Design: TBD Award Construction: TBD Anticipated Completion: TBD
Construction				900.0		900.0	
Contingency						-	
Inspection/Other				50.0		50.0	
						-	
TOTAL:	-	-	50.0	950.0	-	1,000.0	
Source of Funds							
Certificates of Obligation						-	:Total Project Value
Airport Fund Reserves			5.0	855.0		860.0	
FAA Grant			45.0	95.0		140.0	
Customer Facility Charge (CFC)						-	
Bond Project '12						-	
TOTAL:	-	-	50.0	950.0	-	1,000.0	

OPERATIONAL IMPACT: No operational Impact.

PROJECT DESCRIPTION

<p>DEPARTMENT: <u>Aviation</u> AV09</p> <p>PROJECT TITLE: <u>Airport Fuel Farm</u></p> <p>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.</p>							
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			75.0			75.0	Engineering Project No: TBD Finance Project No: TBD A/E Consultant: TBD Contractor: TBD Award Design: TBD Award Construction: TBD Anticipated Completion: TBD
Construction				400.0		400.0	
Contingency						-	
Inspection/Other						-	
TOTAL:	-	-	75.0	400.0	-	475.0	
Source of Funds							
Certificate of Obligation						-	
Airport Fund Reserves			75.0	400.0		475.0	
FAA Grants						-	
Customer Facility Charge (CFC)						-	
Bond Project '12						-	
TOTAL:	-	-	75.0	400.0	-	475.0	:Total Project Value
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							

PROJECT DESCRIPTION

<p>DEPARTMENT: <u>Aviation</u> AV10</p> <p>PROJECT TITLE: <u>Parking Lot Improvements</u></p> <p>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.</p>	
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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				50.0		50.0	Engineering Project No: TBD Finance Project No: TBD A/E Consultant: TBD Contractor: TBD Award Design: TBD Award Construction: TBD Anticipated Completion: TBD
Construction				625.0	1,200.0	1,825.0	
Contingency						-	
Inspection/Other						-	
TOTAL:	-	-	-	675.0	1,200.0	1,875.0	
Source of Funds							
Certificate of Obligation						-	
Airport Fund Reserves				675.0	1,200.0	1,875.0	
FAA Grants						-	
Customer Facility Charge (CFC)						-	
Bond Project '12						-	
TOTAL:	-	-	-	675.0	1,200.0	1,875.0	

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

PROJECT DESCRIPTION

DEPARTMENT: Aviation AV11

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 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				75.0		75.0	Engineering Project No: TBD Finance Project No: TBD A/E Consultant: TBD Contractor: TBD Award Design: TBD Award Construction: TBD Anticipated Completion: TBD
Construction					750.0	750.0	
Contingency						-	
Inspection/Other						-	
TOTAL:	-	-	-	75.0	750.0	825.0	
Source of Funds							:Total Project Value
Certificate of Obligation						-	
Airport Fund Reserves						-	
FAA Grants						-	
Customer Facility Charge (CFC)				75.0	750.0	825.0	
Bond Project '12						-	
TOTAL:	-	-	-	75.0	750.0	825.0	

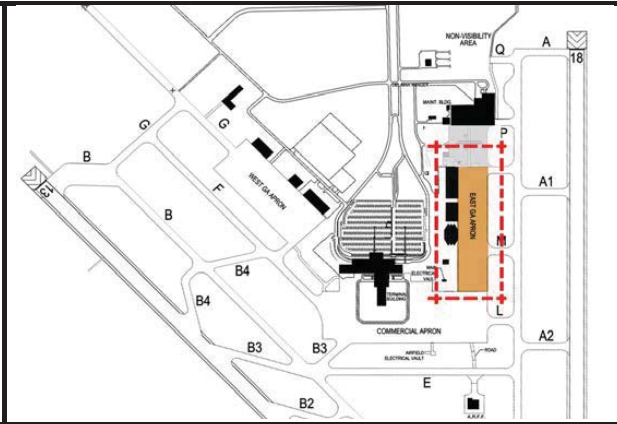
OPERATIONAL IMPACT:

PROJECT DESCRIPTION

DEPARTMENT: Aviation AV12

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 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	112.0			101.0		101.0	Engineering Project No: E12156 Finance Project No: G50E12156 G51E12156 A/E Consultant: KSA Eng. Contractor: TBD Award Design: December '12 Award Construction: TBD Anticipated Completion: TBD
Construction				2,104.0		2,104.0	
Contingency						-	
Inspection/Other				175.0		175.0	
						-	
TOTAL:	112.0	-	-	2,380.0	-	2,380.0	
Source of Funds							
Certificate of Obligation	11.2			238.0		238.0	:Total Project Value
Airport Fund Reserves						-	
FAA Grant	100.8			2,142.0		2,142.0	
Customer Facility Charge (CFC)						-	
Bond Project '12						-	
TOTAL:	112.0	-	-	2,380.0	-	2,380.0	

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.

PROJECT DESCRIPTION

DEPARTMENT: Aviation

AV13

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.

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 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					625.0	625.0	Engineering Project No: TBD Finance Project No: TBD A/E Consultant: KSA Eng. Contractor: TBD Award Design: TBD Award Construction: TBD Anticipated Completion: TBD
Construction				-	6,000.0	6,000.0	
Contingency							
Inspection/Other				-			
TOTAL:	-	-	-	-	6,625.0	6,625.0	
Source of Funds							
Certificate of Obligation						-	
Airport Fund Reserves					662.5	662.5	
FAA Grant					5,962.5	5,962.5	
Customer Facility Charge (CFC)						-	
Bond Project '12						-	
TOTAL:	-	-	-	-	6,625.0	6,625.0	:Total Project Value

OPERATIONAL IMPACT:

PROJECT DESCRIPTION

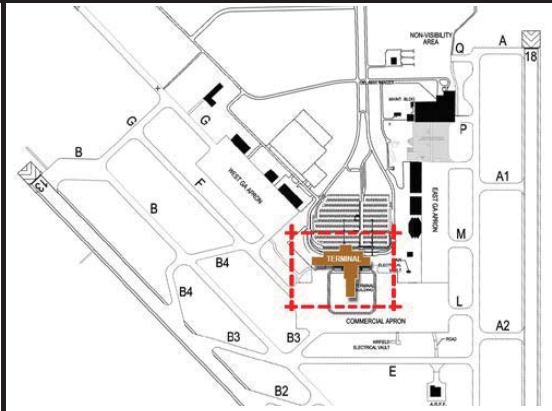
DEPARTMENT: <u>Aviation</u>		AV14					
PROJECT TITLE: <u>Aircraft Rescue Fire Fighting (ARFF) Equipment</u>							
DESCRIPTION: A new ARFF Vehicle will replace the Aircraft Rescue Firefigthing (ARFF) Model T1500 Vehicle purchased in 1989 that is over 17 years old. The water tank capacity in the new ARFF 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 Firefigthing Response capability.							
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							Engineering Project No: TBD Finance Project No: TBD A/E Consultant: TBD Contractor: TBD Award Design: TBD Award Construction: TBD Anticipated Completion: TBD
Construction							
Contingency/Procurement					750.0	750.0	
Inspection/Other							
TOTAL:	-	-	-	-	750.0	750.0	
Source of Funds							:Total Project Value
Certificate of Obligation						-	
Airport Fund Reserves					75.0	75.0	
FAA Grant					675.0	675.0	
Customer Facility Charge (CFC)						-	
Bond Project '12						-	
TOTAL:	-	-	-	-	750.0	750.0	
OPERATIONAL IMPACT: Reduction of \$5,000 in maintenance/repairs to vehicle.							

PROJECT DESCRIPTION

DEPARTMENT: Aviation AV15

PROJECT TITLE: Terminal Bldg Assessment

DESCRIPTION: 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.



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					225.0	225.0	Engineering Project No: TBD Finance Project No: TBD A/E Consultant: TBD Contractor: TBD Award Design: TBD Award Construction: TBD Anticipated Completion: TBD
Construction					-	-	
Contingency					-	-	
Inspection/Other					-	-	
TOTAL:	-	-	-	-	225.0	225.0	
Source of Funds							:Total Project Value
Certificate of Obligation						-	
Airport Fund Reserves					22.5	22.5	
FAA Grant					202.5	202.5	
Customer Facility Charge (CFC)						-	
Bond Project '12						-	
TOTAL:	-	-	-	-	225.0	225.0	

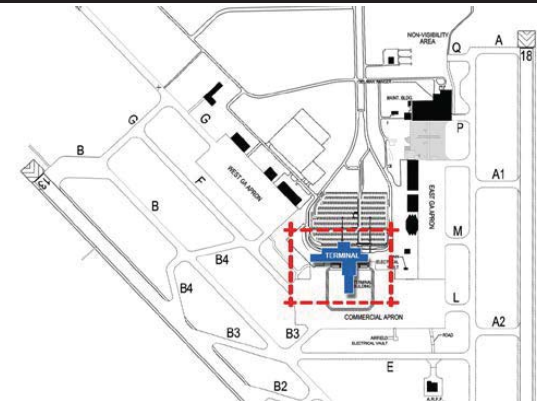
OPERATIONAL IMPACT:

PROJECT DESCRIPTION

DEPARTMENT: Aviation AV16

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.

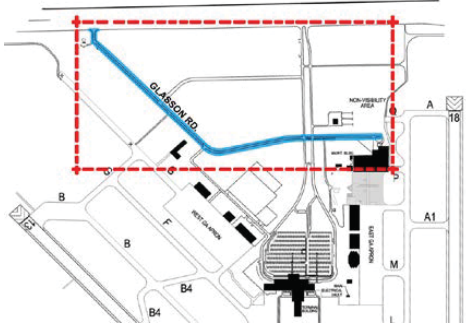


FUNDING SCHEDULE (Amounts in 000's)

Use of Funds	Project-to-Date Obligations 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					625.0	625.0	Engineering Project No: TBD Finance Project No: TBD A/E Consultant: TBD Contractor: TBD Award Design: TBD Award Construction: TBD Anticipated Completion: TBD
Construction					-	-	
Contingency					-	-	
Inspection/Other					-	-	
TOTAL:	-	-	-	-	625.0	625.0	
Source of Funds							
Certificates of Obligation						-	:Total Project Value
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	

OPERATIONAL IMPACT: No operational impact.

PROJECT DESCRIPTION

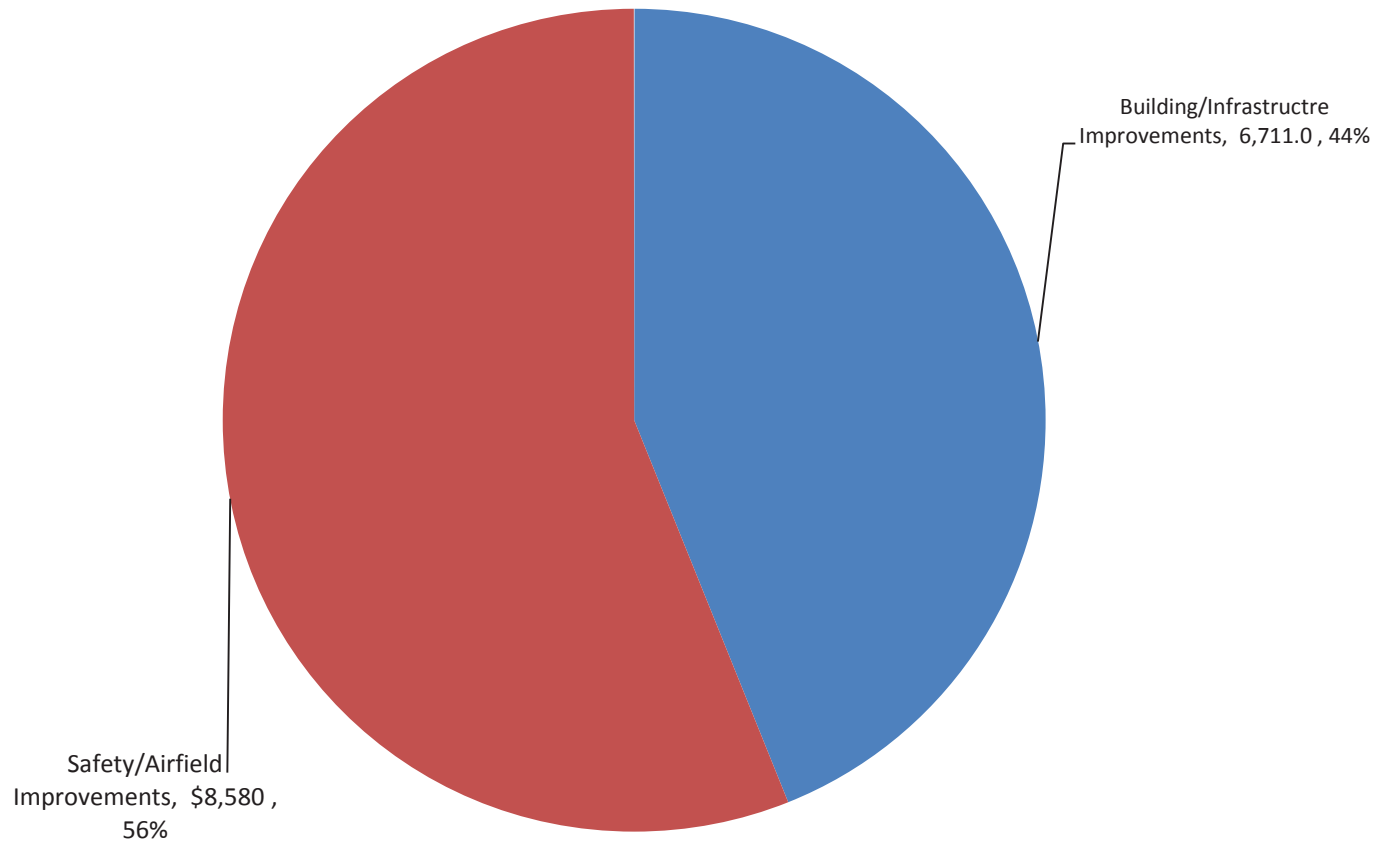
DEPARTMENT: <u>Aviation</u>	AV17
PROJECT TITLE: <u>Reconstruction of Glasson Road</u>	
DESCRIPTION: The Glasson Road connects International Drive with Pinson Drive and serves as an alternate route to tenants, cargo deliveries and employees located on the western & eastern side of the Airport. The project will include reconstructing this unimproved road, improving drainage and providing new lighting.	
	

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					75.0	75.0	Engineering Project No: TBD Finance Project No: TBD A/E Consultant: TBD Contractor: TBD Award Design: TBD Award Construction: TBD Anticipated Completion: TBD
Construction					425.0	425.0	
Contingency							
Inspection/Other							
TOTAL:	-	-	-	-	500.0	500.0	
Source of Funds							
Certificate of Obligation						-	
Airport Fund Reserves					500.0	500.0	
FAA Grant						-	
Customer Facility Charge (CFC)						-	
Bond Project '12						-	
TOTAL:	-	-	-	-	500.0	500.0	:Total Project Value

OPERATIONAL IMPACT:

**Airport
Long-Range CIP : \$15,291.0
(Amounts in 000's)**



AIRPORT LONG-RANGE CIP

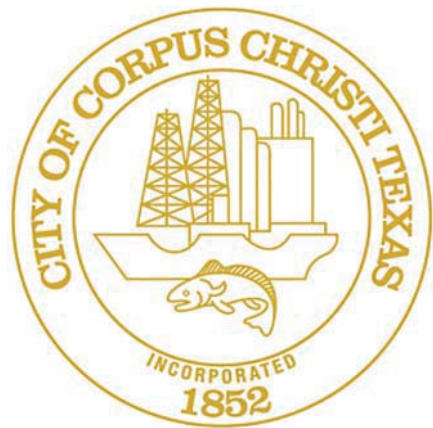
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|---|---|--------------------|
| 1 | <u>Land Acquisition (FAR Part 150)</u>
The acquisition of approximately 425 acres of land to the south and east of the Airport is planned as part of the Federal Aviation Regulation (FAR) Part 150 Noise Compatibility 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. | <u>\$1,500,000</u> |
| 2 | <u>Airport Layout Plan Update</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. | <u>\$400,000</u> |
| 3 | <u>Aircraft Gates and Passenger Hold Rooms</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. | <u>\$2,729,000</u> |
| 4 | <u>Arrival Hall, Baggage Claim and Vehicle Curb</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. | <u>\$1,212,000</u> |
| 5 | <u>T-Hangar Taxi Lane Apron, Phase 2 & 3</u>
Construction of T-Hangars will require the rehabilitation of aprons to service the hangar area. The hangars will service General Aviation (GA) aircraft. | <u>\$1,270,000</u> |
| 6 | <u>Communications Building Demolition</u>
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. | <u>\$80,000</u> |
| 7 | <u>Jet Bridge Rehabilitation and or Replacement:</u>
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. | <u>\$2,100,000</u> |

**AIRPORT
LONG-RANGE CIP**

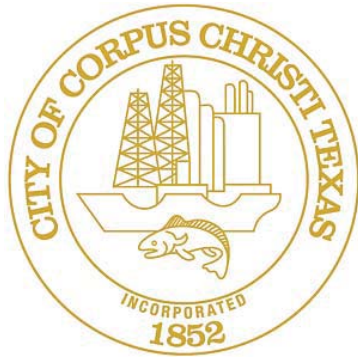
8 Rehabilitate Terminal Apron: \$6,000,000

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.

TOTAL FUTURE CAPITAL IMPROVEMENT NEEDS: \$15,291,000



Parks



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, renovate existing parks and recreational facilities throughout the City. The Bond Issue 2008 Parks Program has encompassed numerous improvements and is coming to a close. Remaining projects include:

- Oso Creek/Oso Bay Park Improvements, Phase 2; and
- Hike and bike trails

The Oso Creek/Oso Bay Park Improvement project included a new city interpretive/conservation nature park to be developed along the Oso Creek / Oso Bay area. This park now includes a conservation center, camp grounds, trails, restrooms, information kiosks, wetland development and other amenities. It will be a resource for area schools to develop environmental programs and will be an entirely “Green Development” project showcasing the local environment. Grants to supplement the project have been received from Texas Parks and Wildlife Department and the Texas General Land Office. Phase 2 work includes an educational lab, parking lot, infrastructure improvements, landscaping and additional trails and amenities. The City has received a Texas Department of Transportation Enhancement Grant which will be used to enhance the Hike and Bike Trails projects approved by city voters in both the 2008 and 2012 General Obligation Bond Elections.

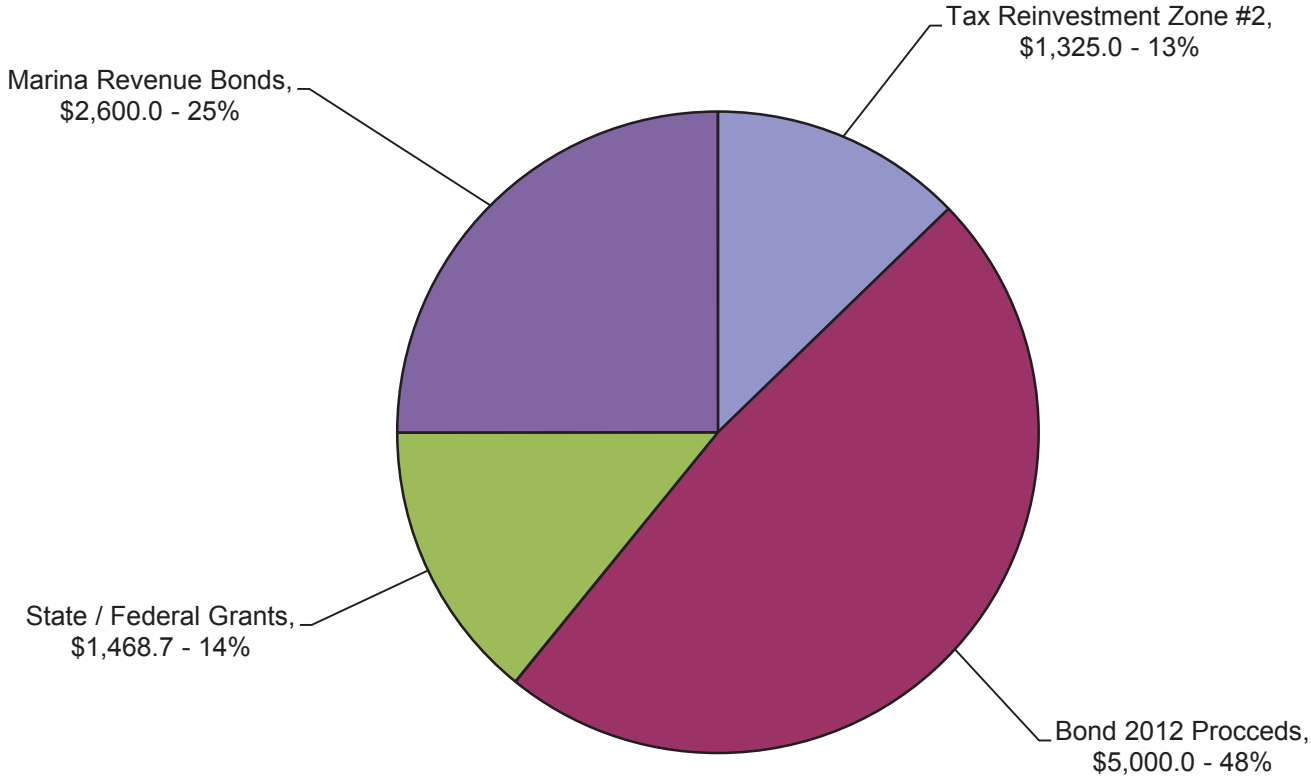
Work planned for Fiscal Year 2015 includes the design and construction start of Packery Channel Phase 3 Restroom Facilities on the north side of the channel. Phase 4 work for stairs and ADA compliant ramps on the north and south side of the channel will be constructed as part of Phase 3. Additional projects to support the needs of the channel are listed under miscellaneous project support. All island projects will be developed with the concurrence of the Island Strategic Action Committee and approval of the North Padre Island Development Corporation, Tax Reinvestment Zone #2 Board and City Council on a yearly basis. Additional work is planned for the Corpus Christi Marina for replacement of the R Pier boat docks.

A recap of the budgeted expenditures includes:

EXPENDITURES:	YEAR ONE 2014– 2015	YEAR TWO 2015 – 2016	YEAR THREE 2016 – 2017
TOTAL PROGRAMMED EXPENDITURES:	\$ 10,393,700	\$ 1,761,000	\$ 1,516,200
FUNDING:			
Bond Issue 2012 Proceeds	\$ 5,000,000	\$ 0	\$ 0
Texas Parks & Wildlife Grant	\$ 829,300	\$ 0	\$ 0
U.S. Fish and Wildlife Grant	\$ 639,400	\$ 0	\$ 0
Tax Increment Financing District	\$ 1,325,000	\$ 1,761,000	\$ 1,516,200
Marina Revenue Bonds	\$ 2,600,000	\$ 0	\$ 0
TOTAL PROGRAMMED FUNDS:	\$ 10,393,700	\$ 1,761,000	\$ 1,516,200

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: \$10,393.7
(Amounts in 000's)**



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

Seq #	Project Name	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
PR 01	Community Park Development and Improvements Finance and Engineering Number: E12115	321.2	2,178.8	2,500.0	-	-	2,500.0
PR 02	Hike & Bike Trail Development Finance and Engineering Number: E12116	370.6	974.3	1,579.3	-	-	1,579.3
PR 03	Aquatic Facility Upgrades and Improvements Finance and Engineering Number: E12117	55.0	1,695.0	1,750.0	-	-	1,750.0
PR 04	Tennis Center Upgrades (HEB/AI Kruse) Finance and Engineering Number: E12118	224.4	2,775.6	-	-	-	-
PR 05	Ocean Drive Park Improvements Finance and Engineering Number: E12119	8.8	2,991.2	-	-	-	-
PR 06	Oso Creek / Oso Bay Area Park Development (Bond 2008) Finance Number: 130280 Engineering Number: 3380	6,467.9	851.7	-	-	-	-
PR 07	Packery Channel Improvement, Phase 3 Restroom Facilities at Packery Channel Finance Number: E03399 Engineering Number: 3399	-	200.0	815.0	1,051.0	-	1,866.0
PR 08	Packery Channel Improvements, Phase 4 Ramps to Jetties Finance Number: E03401 Engineering Number: 3401	-	274.0	-	-	-	-
PR 09	Packery Channel Improvements, Phase 5 Pavilion Finance Number: E03402 Engineering Number: 3402	-	75.0	-	200.0	1,006.2	1,206.2

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

Seq #	Project Name	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
PR 10	Packery Channel Miscellaneous Improvements Finance Number: TBD Engineering Number: TBD	-	204.4	510.0	510.0	510.0	1,530.0
PR 11	City Marina Pier R Improvements Finance Number: TBD Engineering Number: TBD	-	-	3,239.4	-	-	3,239.4
	Program Total:	7,447.9	12,220.0	10,393.7	1,761.0	1,516.2	13,670.9

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

Seq #	Project Name	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
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CURRENTLY AVAILABLE FUNDING:

	Community Enrichment Fund	571.3	450.0	-	-	-	-
	Bond Issue 2004 Proceeds	19.9	394.9	-	-	-	-
	Bond Issue 2008 Proceeds	2,950.5	156.8	-	-	-	-
	Bond Issue 2012 Proceeds	855.0	10,145.0	5,000.0	-	-	5,000.0
	Texas Parks and Wildlife Department Grant	2,200.0	-	829.3	-	-	829.3
	U.S. Fish and Wildlife Department Grant	-	-	639.4	-	-	639.4
	Tax Increment Financing District	-	753.4	1,325.0	-	-	1,325.0
	Marina Revenue Bond	-	-	2,600.0	-	-	2,600.0
	Street Reserves	225.5	64.4	-	-	-	-
	Storm Water Revenue Bond	152.8	120.5	-	-	-	-
	Water Revenue Bond	224.2	64.0	-	-	-	-
	Wastewater Revenue Bond	248.7	71.0	-	-	-	-
	Total Currently Available:	7,447.9	12,220.0	10,393.7	-	-	10,393.7

RECOMMENDED ADDITIONAL FUNDING:

	Tax Increment Financing District	-	-	-	1,761.0	1,516.2	3,277.2
	Total Funding Source:	7,447.9	12,220.0	10,393.7	1,761.0	1,516.2	13,670.9

PROJECT DESCRIPTION

Bond 2012 Proposition Four: PARKS & RECREATION IMPROVEMENTS	Sequence #01
PROJECT TITLE: <u>Community Park Development and Improvements</u> <i>Consistency with Comprehensive Plan; Policy Statements pp. 48-50; Parks Open Space Master Plan</i>	
DESCRIPTION: This project will primarily focus on irrigation upgrades and extensions at West Guth, Bill Witt/Oso Creek, HP 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.	
CITY WIDE 	

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	296.5	-	200.0			200.0	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	-	1,882.5	2,000.0			2,000.0	
Contingency	-	188.0	200.0			200.0	
Inspection/Other	24.7	108.3	100.0			100.0	
TOTAL:	321.2	2,178.8	2,500.0			2,500.0	
Source of Funds							Award Design: March 2013 Award Construction: Fall 2014 Anticipated Completion: Fall 2016 Total Project Value: \$5,000,000
Bond Issue 2012	321.2	2,178.8	2,500.0			2,500.0	
TOTAL:	321.2	2,178.8	2,500.0			2,500.0	

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.

PROJECT DESCRIPTION

Bond 2012 Proposition Four: PARKS & RECREATION IMPROVEMENTS

Sequence #02

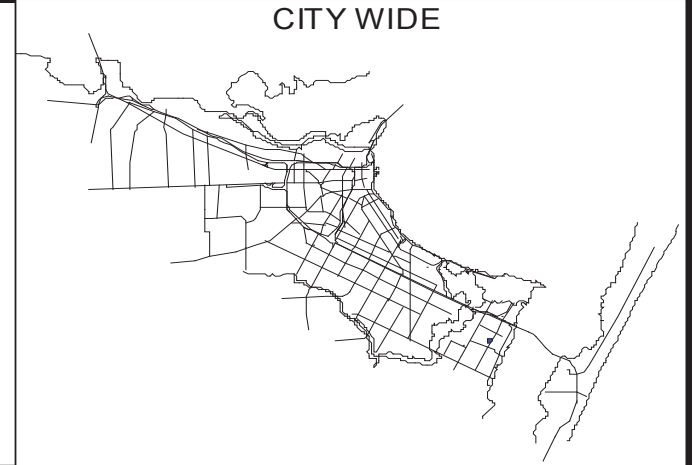
CITY WIDE

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. The Bear Creek project is currently beginning construction. Schanen Trail is anticipated to bid in the Spring 2015 timeframe.



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 2014-2015	Year 3 2015-2016	Three Year Total	PROJECT NOTES:
Land Acquisition	17.7	-	-			-	Capital Budget Project No: PK13-002 Engineering Project No: E12116/E14030 Finance Project No: E12116/E14030 A/E Consultant: Martinez, Guy, Maybik Contractor: Gourley Construction Award Design: March 2013 Award Construction: August 2014 Anticipated Completion: March 2015 Total Project Value: \$2,924,200
Design & Engineering	278.0	-	-			-	
Construction	-	871.0	1,350.0			1,350.0	
Contingency	-	63.0	130.0			130.0	
Inspection/Other	74.9	40.3	99.3			99.3	
TOTAL:	370.6	974.3	1,579.3			1,579.3	
Source of Funds							
Bond Issue 2004	19.9	394.9	-			-	
Bond Issue 2008	105.1	-	-			-	
Bond Issue 2012	245.6	504.4	750.0			750.0	
Storm Water		75.0					
Tx Department of Transportation	-	-	829.3			829.3	
TOTAL:	370.6	974.3	1,579.3			1,579.3	

OPERATIONAL IMPACT:

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

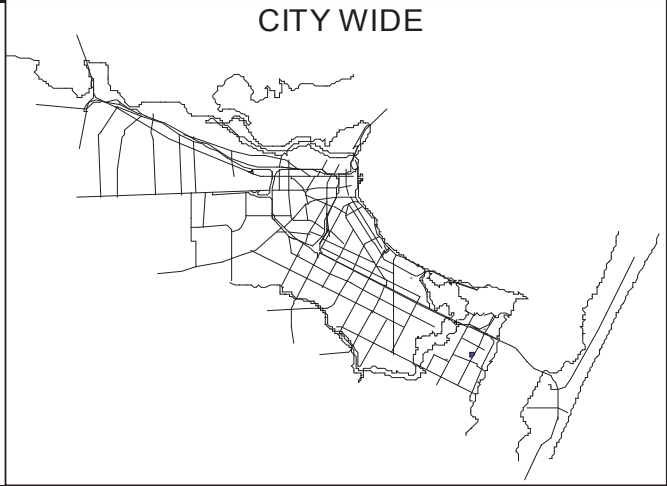
PROJECT DESCRIPTION

Bond 2012 Proposition Four: PARKS & RECREATION IMPROVEMENTS Sequence #03

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.



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 2014-2015	Year 3 2015-2016	Three Year Total	PROJECT NOTES:
Design & Engineering	49.5					-	Capital Budget Project No: PK13-003 Engineering Project No: E12117 Finance Project No: E12117 A/E Consultant: Turner Ramirez Architects Contractor: TBD Award Design: March 2013 Award Construction: Spring 2015 Anticipated Completion: Spring 2016 Total Project Value: \$3,500,000
Construction		1,472.1	1,500.0			1,500.0	
Contingency		147.0	150.0			150.0	
Inspection/Other	5.5	75.9	100.0			100.0	
TOTAL:	55.0	1,695.0	1,750.0			1,750.0	
Source of Funds							
Bond Issue 2012	55.0	1,695.0	1,750.0			1,750.0	
TOTAL:	55.0	1,695.0	1,750.0			1,750.0	

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

PROJECT DESCRIPTION

Bond 2012 Proposition Four: PARKS & RECREATION IMPROVEMENTS

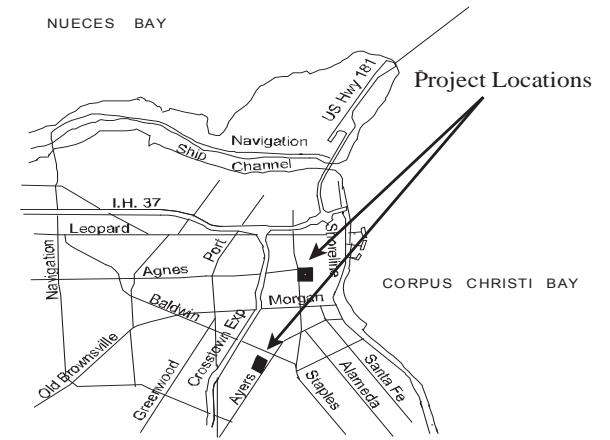
Sequence #04

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 March 2014	Unspent Prior Budget as of April 2014	CIP Budget Year 1 2014 - 2015	Year 2 2014-2015	Year 3 2015-2016	Three Year Total	PROJECT NOTES:
Design & Engineering	204.9					-	Capital Budget Project No: PK13-004
Construction		2,280.3				-	Engineering Project No: E12118
Contingency		228.0				-	Finance Project No: E12118
Inspection/Other	19.5	267.3				-	A/E Consultant: CLK Architects
TOTAL:	224.4	2,775.6				-	Contractor: TBD
Source of Funds							Award Design: March 2013
Bond Issue 2012	224.4	2,775.6				-	Award Construction: Fall 2014
TOTAL:	224.4	2,775.6				-	Anticipated Completion: Fall 2015 Total Project Value: \$3,000,000

OPERATIONAL IMPACT:

No operational impact will be generated by this project.

PROJECT DESCRIPTION

Bond 2012 Proposition Four: PARKS & RECREATION IMPROVEMENTS

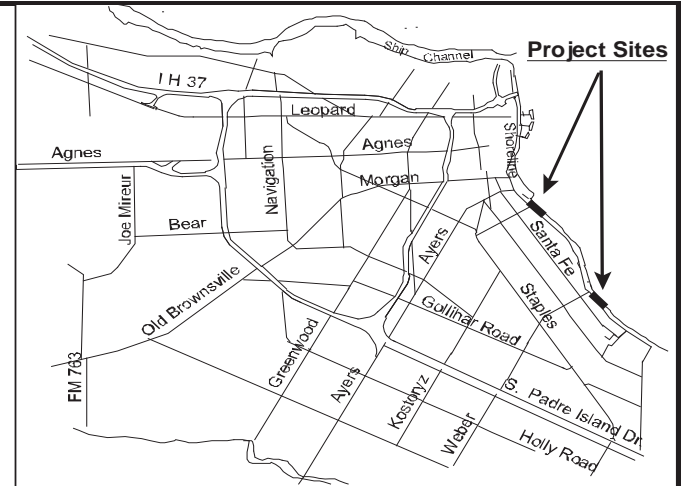
Sequence #05

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; while 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 March 2014	Unspent Prior Budget as of April 2014	CIP Budget Year 1 2014 - 2015	Year 2 2014-2015	Year 3 2015-2016	Three Year Total	PROJECT NOTES:
Design & Engineering		200.0				-	Capital Budget Project No: PK13-005
Construction		2,250.0				-	Engineering Project No: E12119
Contingency		250.0				-	Finance Project No: E12119
Inspection/Other	8.8	291.2				-	A/E Consultant: HDR, Engineering
TOTAL:	8.8	2,991.2				-	Contractor: TBD
Source of Funds							Award Design: March 2013
Bond Issue 2012	8.8	2,991.2				-	Award Construction: May 2014
TOTAL:	8.8	2,991.2				-	Anticipated Completion: May 2015 Total Project Value: \$3,000,000

OPERATIONAL IMPACT:

No operational impact will be generated by this project.

PROJECT DESCRIPTION

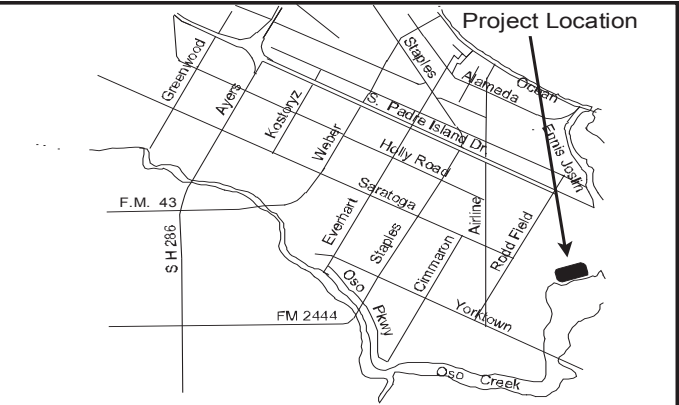
DEPARTMENT: Parks and Recreation Sequence #06

PROJECT TITLE: Oso Creek / Oso Bay Area Park Development (Bond 2008)

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

DESCRIPTION:

This project will construct a City Interpretive/Conservation Nature Park along the Oso Creek/Oso Bay area to include an interpretive conservation center, parking lots, trails with signage, wetland development, viewing areas, information kiosks, restrooms and other amenities. It will also be entirely a "Green Development" and a site for a Birding Trail. This project is being supplemented by grants from Texas Parks & Wildlife, General Land Office and other state agencies. Phase 1 construction is complete and Phase 2 is underway and includes an extension of a portion of Oso Parkway, children's discovery garden, landscaping, irrigation, educational lab, parking lot, infrastructure improvements and additional trails.



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:
Land Acquisition	571.3	-				-	Capital Budget Project No: 10004
Design & Engineering	1,062.3	-				-	Engineering Project No: 3380
Construction	4,641.5	-				-	Finance Project No: 130280
Contingency	-	465.0				-	Grant Project No: Various
Inspection/Other	192.8	386.7				-	A/E Consultant: Rvi
TOTAL:	6,467.9	851.7				-	Contractor (Ph 1): H2O Construction Contractor (Ph 2): Reytec Construction
Source of Funds							Award Design: January 2011
Community Enrichment Fund	571.3	450.0				-	Award Construction (Ph 1): June 2012
Bond Issue 2008 Proceeds	2,845.4	156.8				-	Construction (Ph 1): Complete
Tx Parks & Wildlife Grants	2,200.0	-				-	
Street Reserves	225.5	64.4				-	Award Construction (Ph 2): October 2013
Storm Water	152.8	45.5				-	Anticipated Completion (Ph 2) January 2015
Water	224.2	64.0				-	
Wastewater	248.7	71.0				-	
TOTAL:	6,467.9	851.7				-	Total Project Value: \$7,319,672

OPERATIONAL IMPACT:

A project of this scale will require a significant expenditure of operational resources to effectively manage and protect the City's investment in a property of this caliber. Upon final completion, currently estimated at early fiscal year 2014, the yearly operational impact is projected to be \$350,000 per year to cover an additional six (6) FTE's and assorted park maintenance supplies. This will be off-set by revenues collected through the campground and other amenities.

PROJECT DESCRIPTION

DEPARTMENT: Parks and Recreation

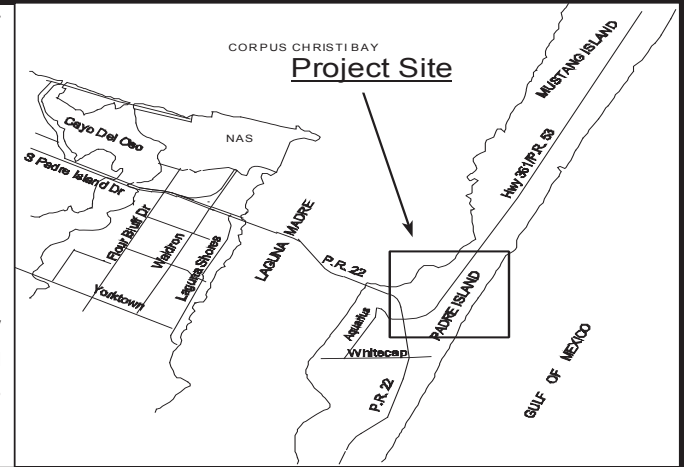
Sequence #07

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 includes construction of a restroom on the north side of Packery Channel having 3 toilet fixtures in the men's and women's restrooms, adjacent parking lot with 34 regular 8 foot wide parking spaces and 4 eleven foot wide handicap parking spaces. The project also includes an extension of the Packery Channel access road to the restrooms and future pavilion site as well as sanitary sewer and water infrastructure improvements from the restroom to a lift station on Zahn Road. Design of this project will start after the Federal Emergency Management Agency releases preliminary flood insurance maps for Nueces County. Staff is currently reviewing the project for the optimal location and will be meeting with the Mayor's Committee for Persons with Disabilities for their input on the 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		190.0				-	Capital Budget Project No: 09003 Engineering Project No: 3399 Finance Project No: E03399 A/E Consultant: Anastos & Assoc. Contractor: TBD
Construction			695.0	900.0		1,595.0	
Contingency			69.5	90.0		159.5	
Inspection/Other		10.0	50.5	61.0		111.5	
TOTAL:		200.0	815.0	1,051.0		1,866.0	
Source of Funds							Award Design: November '13
Tax Increment Finance District		200.0	815.0	1,051.0		1,866.0	Award Construction: Spring 2015
TOTAL:		200.0	815.0	1,051.0		1,866.0	Anticipated Completion: Fall 2015
							Total Project Value: \$2,066,000

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.

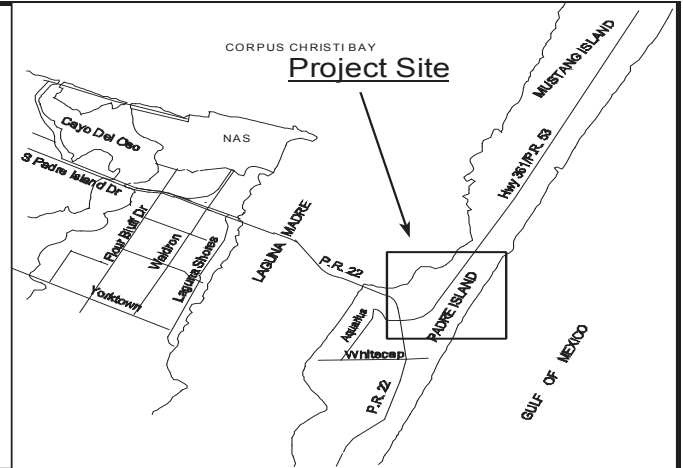
PROJECT DESCRIPTION

DEPARTMENT: Parks and Recreation Sequence #08

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. This project was designed as part of the Phase 2 project for parking and overlooks and will be constructed concurrently with Phase 3 Restrooms.



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: 09004 Engineering Project No: 3401 Finance Project No: E03401 A/E Consultant: Freese & Nichols Contractor: TBD Award Design: February '09 Award Construction: Spring 2015 Anticipated Completion: Fall 2015 Total Project Value: \$274,000
Construction		225.0				-	
Contingency		24.0				-	
Inspection/Other		25.0				-	
TOTAL:		274.0				-	
Source of Funds							
Tax Increment Finance District		274.0				-	
TOTAL:		274.0				-	

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.

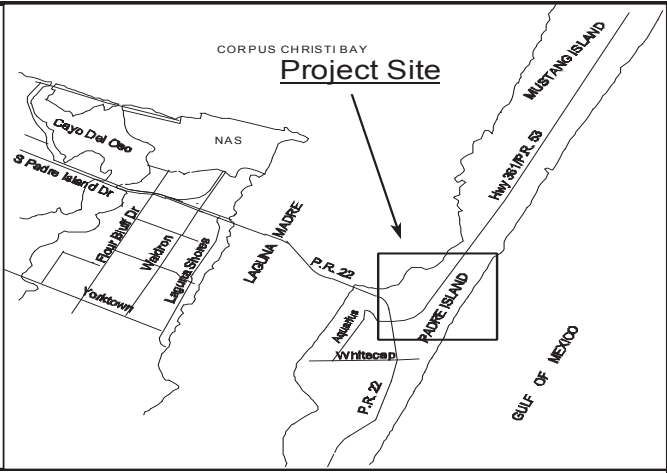
PROJECT DESCRIPTION

DEPARTMENT: Parks and Recreation Sequence #09

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 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		70.0	-	180.0	-	180.0	Capital Budget Project No: 09005 Engineering Project No: 3402 Finance Project No: E03402 A/E Consultant: Anastos & Assoc. Contractor: TBD Award Design: TBD Award Construction: TBD Total Project Value: \$1,281,200
Construction		-	-	-	850.0	850.0	
Contingency		-	-	-	85.0	85.0	
Inspection/Other		5.0	-	20.0	71.2	91.2	
TOTAL:		75.0	-	200.0	1,006.2	1,206.2	
Source of Funds							
Tax Increment Finance District		75.0	-	200.0	1,006.2	1,206.2	
TOTAL:		75.0	-	200.0	1,006.2	1,206.2	

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.

PROJECT DESCRIPTION

DEPARTMENT: Parks and Recreation

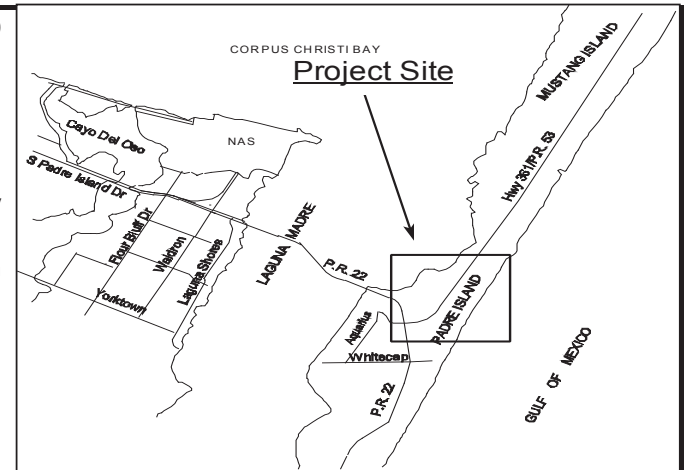
Sequence #10

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 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		40.0	30.0	30.0	30.0	90.0	Capital Budget Project No: 12001 Engineering Project No: TBD Finance Project No: TBD A/E Consultant: TBD Contractor: TBD Award Design: On-Going Award Construction: On-Going Anticipated Completion: On-Going Total Project Value: \$2,754,500
Construction		125.0	400.0	400.0	400.0	1,200.0	
Contingency		12.0	40.0	40.0	40.0	120.0	
Inspection/Other		27.4	40.0	40.0	40.0	120.0	
TOTAL:		204.4	510.0	510.0	510.0	1,530.0	
Source of Funds							
Tax Increment Finance District		204.4	510.0	510.0	510.0	1,530.0	
TOTAL:		204.4	510.0	510.0	510.0	1,530.0	

OPERATIONAL IMPACT:

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

PROJECT DESCRIPTION

DEPARTMENT: Parks and Recreation

Sequence #11

PROJECT TITLE: Marina R-Pier Replacement Extension

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

DESCRIPTION:

The existing R-Pier at the City Marina was constructed in 1982 but the dock is now in disrepair and unsafe for its intended purposes. A replacement dock is being proposed at a cost of \$2,600,000 for 148 boat slips to berth 30 to 45 foot boats to include 35 visiting transient boat slips. In January 2014, the City Council approved a transient grant application to the U.S. Fish and Wildlife Department in the amount of \$502,496. This grant was awarded to the City in May 2014. A second grant in the amount of \$137,000 for a sewage pump-out facility is now pending from the U.S. Fish and Wildlife Department. This project will be constructed through a design/build procurement method to save costs and expedite construction due to the specialty nature of the project.



FUNDING SCHEDULE (Amounts in 000's)

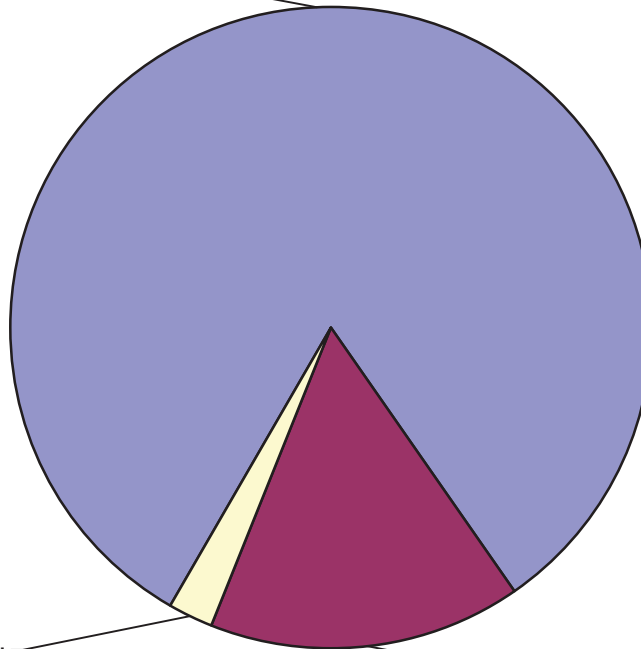
Use of Funds	Project-to-Date Obligations March 2014	Unspent Prior Budget as of April 2014	CIP Budget Year 1 2014-2015	Year 2 2015-2016	Year 3 2016-2017	Three Year Total	PROJECT NOTES:
Sewage Pump-Out			137.0			137.0	Capital Budget Project No: 14-001 Engineering Project No: TBD Finance Project No: TBD A/E Consultant: TBD Contractor: TBD Award Design/Build: Fall 2014 Award Construction: N/A Anticipated Completion: Spring 2015 Total Project Value: \$3,239,400
Design & Engineering			390.0			390.0	
Construction			2,452.4			2,452.4	
Contingency			195.0			195.0	
Inspection/Other			65.0			65.0	
TOTAL:			3,239.4			3,239.4	
Source of Funds							
Marina Revenue Bond			2,600.0			2,600.0	
Federal Grant			639.4			639.4	
TOTAL:			3,239.4			3,239.4	

OPERATIONAL IMPACT:

This project will enhance the existing R Pier docks providing for increase boat and slip fee rentals.

**Parks and Recreation
Long-Range CIP: \$116,164.0
(Amounts in 000's)**

Parks & Recreation
Improvements,
\$95,250,000 - 82%



Packery Channel,
\$2,614,000 - 2%

Marina,
\$18,300,000 - 16%

**PARKS AND RECREATION
LONG-RANGE CIP**

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.

**PARKS AND RECREATION
LONG-RANGE CIP**

- | | | |
|----|---|--------------------|
| 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>Watergarden Area Improvements</u> | <u>\$2,500,000</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 | |

**PARKS AND RECREATION
LONG-RANGE CIP**

- | | | |
|----|---|---------------------|
| 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>North Beach Nourishment</u> | <u>\$2,500,000</u> |
| | This project will provide funds for the re-nourishment of North Beach when erosion has decreased the shoreline to a significant point. This project will be carefully coordinated with the Texas General Land Office. | |
| 18 | <u>McGee Beach Nourishment</u> | <u>\$1,500,000</u> |
| | This project will provide funds for the re-nourishment of McGee Beach when erosion has decreased the shoreline to a significant point. This project will be carefully coordinated with the Texas General Land Office. | |
| 19 | <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. | |
| 20 | <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. | |
| 21 | <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. | |

**PARKS AND RECREATION
LONG-RANGE CIP**

- 22 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.
- 23 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.
- 24 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

- 25 Packery Channel Improvements Phase 6 Administration and Maintenance Building (Continuation) \$715,000
This funding includes the final construction costs of a 30' x 60' maintenance building, a 20' x 20' administration building and a 100' x 1000' parking lot near the entrance to the Packery Channel Lookout Areas just south of Zahn Road.
- 26 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.
- 27 Packery Channel Miscellaneous Improvements \$1,020,000
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.

**PARKS AND RECREATION
LONG-RANGE CIP**

MARINA

28	Marina Administration Offices	\$3,900,000
	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.	
29	New Buoy Floating Moorings in North Basin just north of Peoples Street T-Head for Mooring Boats	\$150,000
	This project would include the funding to design and construct floating moorings for permanent and transient boat area.	
30	Marina Dredging	\$4,000,000
	Funding is recommended for maintenance dredging operations within the Marina basins and fairways.	
31	Marina Site Improvements	\$850,000
	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.	
32	Breakwater Renovation/Reconstruction	\$2,000,000
	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.	
33	Boating Educational Center / Regatta World Championship Procurement Office	\$650,000
	This project would construct a procurement office for the World Boating Championships / Kids / Adult Marine / Sailing Center.	
34	Boat Haul-Out Center Renovation and Expansion	\$4,850,000
	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.	

**PARKS AND RECREATION
LONG-RANGE CIP**

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

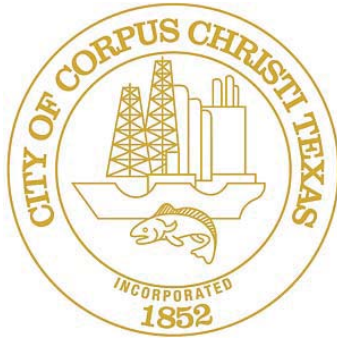
This project would repair asphalt throughout the three landmasses as well as provide for new Security / Gate / Lighting / Camera System throughout marina complex with proximity card readers at all marina gates and bathroom facilities.

36 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: **\$ 116,164,000**

Public Facilities



CORPUS CHRISTI PUBLIC FACILITIES PROGRAM

One focus of the Fiscal Year 2015 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 improvements to Animal Control, 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 that was funded and developed in Fiscal Year 2014 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 completed to the extent that funding allows.

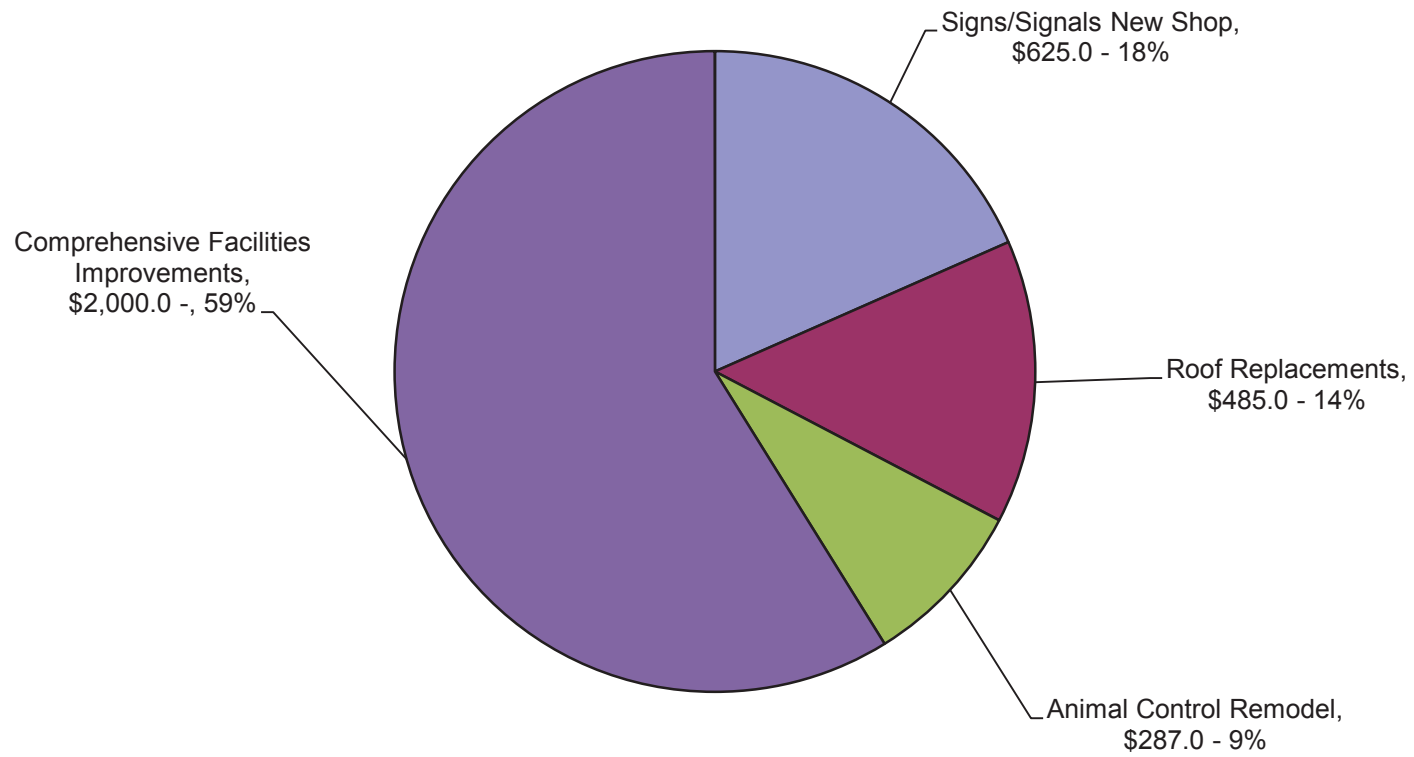
Phase one of the energy efficiency retrofits of city facilities was completed last year and the program has been extended to include a second phase of work. Phase Two will address energy savings measures at 76 City-owned facilities and improvements will include upgrades to energy controls, lighting technology, weatherization and building envelope improvements and water conservation measures. This project is part of a fixed price design/build contract with the cost of the work being paid for with the realized energy and maintenance savings.

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 2014 - 2015 includes:

	YEAR ONE 2014 – 2015	YEAR TWO 2015 – 2016	YEAR THREE 2016 – 2017
TOTAL PROGRAMMED EXPENDITURES:	\$ 3,397,000	\$ 2,000,000	\$ 2,000,000
CURRENTLY AVAILABLE FUNDING:			
Bond Issue 2012 Proceeds	\$1,397,000	\$ 0	\$ 0
RECOMMENDED ADDITIONAL FUNDING:			
Certificates of Obligation	\$ 2,000,000	\$ 2,000,000	\$ 2,000,000
TOTAL PROGRAMMED FUNDS:	\$ 3,397,000	\$ 2,000,000	\$ 2,000,000

Public Facilities
Annual CIP: \$3,397.0
(Amounts in 000's)



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

Seq #	Project Name	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
PF 01	Street & Solid Waste Administration Building Roof Replacement Finance and Engineering Number: E12109	49.4	250.6	-			-
PF 02	Signs/Signal Operations - New Shop and Office Facility Finance and Engineering Number: E12110	156.9	1,706.9	625.0			625.0
PF 03	Animal Control Remodel/Improvements Finance and Engineering Number: E12111	112.2	750.3	287.0			287.0
PF 04	Fleet Maintenance Heavy Equipment Shop Roof Finance and Engineering Number: E12113	51.0	298.5	-			-
PF 05	Museum Roof Replacement Finance and Engineering Number: E12120	114.2	1,085.4	400.0			400.0
PF 06	Central Library Roof Replacement Finance and Engineering Number: E12121	28.8	165.9	65.0			65.0
PF 07	Owen R. Hopkins & Garcia Library Roof Replacement Finance and Engineering Number: E12122	23.6	36.4	20.0			20.0
PF 08	Facilities ADA Improvements: S. Texas Art Museum, Barge Dock Parking Lot Finance and Engineering Number: E12123	81.9	318.1	-			-
PF 09	Energy Efficiency Retrofits of City Facilities, Phase 2 Finance Number: E11102 Engineering Number: E13143	7,819.2	1,098.8	-			-

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

Seq #	Project Name	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
PF 10	Comprehensive Facilities Improvements Finance Number: TBD Engineering Number: TBD	-	-	2,000.0	2,000.0	2,000.0	6,000.0
	Program Total:	8,437.2	5,710.9	3,397.0	2,000.0	2,000.0	7,397.0
CURRENTLY AVAILABLE FUNDING:							
	Bond Issue 2012 Proceeds	618.0	4,612.1	1,397.0	-	-	1,397.0
	Certificates of Obligation	7,819.2	1,098.8	-	-	-	-
	Total Currently Available:	8,437.2	5,710.9	1,397.0	-	-	1,397.0
RECOMMENDED ADDITIONAL FUNDING:							
	Certificates of Obligation	-	-	2,000.0	2,000.0	2,000.0	6,000.0
	Total Funding Source:	8,437.2	5,710.9	3,397.0	2,000.0	2,000.0	7,397.0

PROJECT DESCRIPTION

Bond 2012 Proposition Three: SERVICE CENTER COMPLEX

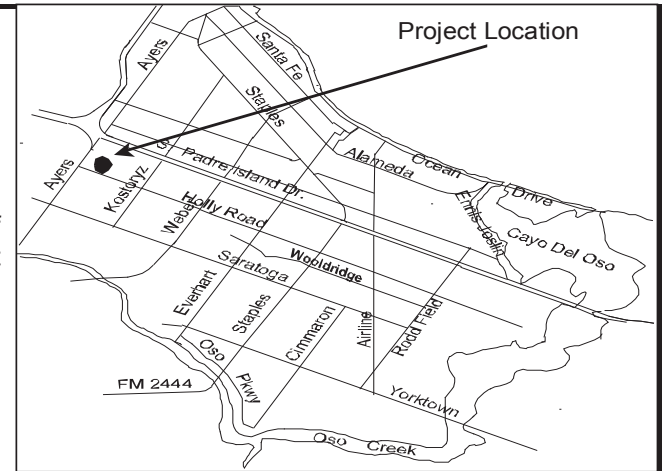
Sequence #01

PROJECT TITLE: Streets & Solid Waste Administration Building Roof Replacement

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

DESCRIPTION:

This project proposes the complete replacement of the existing membrane roof system including, accessories, HVAC equipment supports, HVAC condensate piping, and storm drainage piping and roof drains. During preliminary investigation of the roof and piping, it was determined that the existing HVAC unit had reached the end of its useful service life and will need to be replaced as part of this 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	44.8					-	Capital Budget Project No: SC13-001 Engineering Project No: E12109 Finance Project No: E12109 A/E Consultant: Turner Ramirez Contractor: JOC Award Design: January 2013 Award Construction: May 2014 Anticipated Completion: November '14 Total Project Value: \$300,000
Construction		200.0				-	
Contingency		20.0				-	
Inspection/Other	4.6	30.6				-	
TOTAL:	49.4	250.6				-	
Source of Funds							
Bond Issue 2012	49.4	250.6				-	
TOTAL:	49.4	250.6				-	

OPERATIONAL IMPACT:

A new roof 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 DESCRIPTION

Bond 2012 Proposition Three: SERVICE CENTER COMPLEX

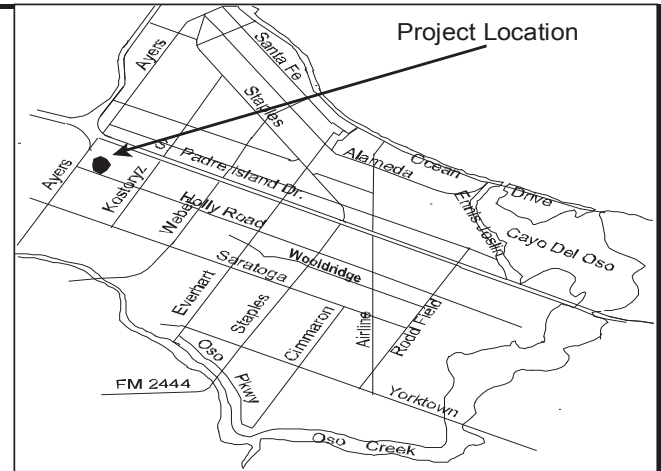
Sequence #02

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 20,520 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.



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	141.0					-	Capital Budget Project No: SC13-002 Engineering Project No: E12110 Finance Project No: E12110 A/E Consultant: Chuck Anastos, AIA Contractor: TBD Award Design: March 2013 Award Construction: September '14 Anticipated Completion: October 2015 Total Project Value: \$2,500,000
Construction		1,500.0	500.0			500.0	
Contingency		150.0	50.0			50.0	
Inspection/Other	15.9	56.9	75.0			75.0	
TOTAL:	156.9	1,706.9	625.0			625.0	
Source of Funds							
Bond Issue 2012	156.9	1,706.9	625.0			625.0	
TOTAL:	156.9	1,706.9	625.0			625.0	

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.

PROJECT DESCRIPTION

Bond 2012 Proposition Three: SERVICE CENTER COMPLEX

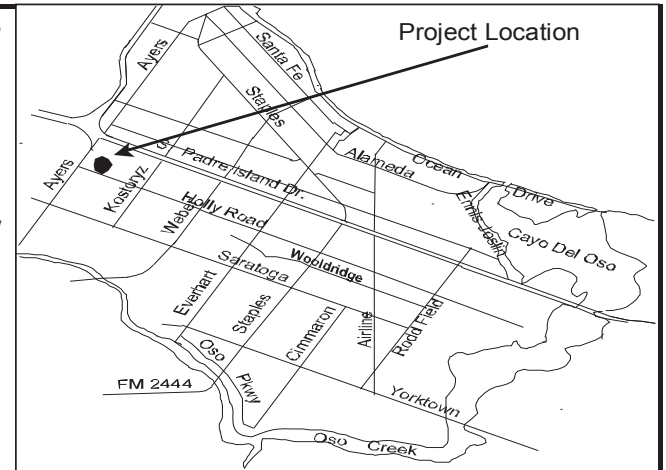
Sequence #03

PROJECT TITLE: Animal Control Remodel / Improvements

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

DESCRIPTION:

This project proposes renovation of the existing euthanizing building into office/storage/adoption spaces and constructing a new addition (30' x 30') to carry-out the euthanizing operation. This project will include a new incinerator system, freezers, and emergency generator.



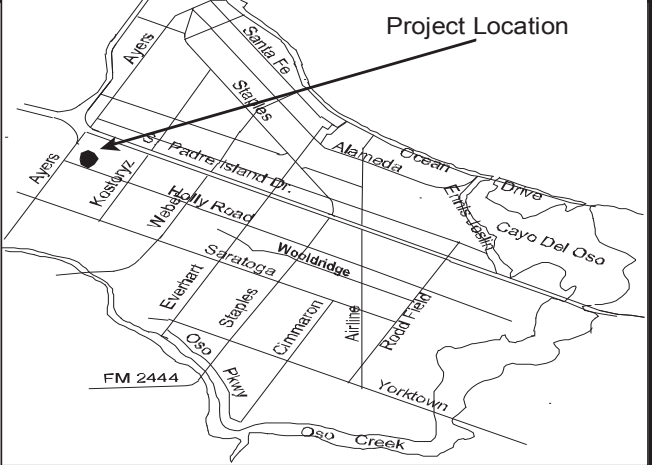
FUNDING SCHEDULE (Amounts in 000's)

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	98.3					-	Capital Budget Project No: SC13-003 Engineering Project No: E12111 Finance Project No: E12111 A/E Consultant: Chuck Anastos, AIA Contractor: LNV, Inc. Award Design: March 2013 Award Construction: August 2014 Anticipated Completion: May '2015 Total Project Value: \$1,150,000
Construction		625.0	250.0			250.0	
Contingency		62.5	25.0			25.0	
Inspection/Other	13.9	62.8	12.0			12.0	
TOTAL:	112.2	750.3	287.0			287.0	
Source of Funds							
Bond Issue 2012	112.2	750.3	287.0			287.0	
TOTAL:	112.2	750.3	287.0			287.0	

OPERATIONAL IMPACT:

The current department operating budget should be able to absorb the operating budget of the new improvements due to efficiency savings.

PROJECT DESCRIPTION

Bond 2012 Proposition Three: SERVICE CENTER COMPLEX Sequence #04 PROJECT TITLE: <u>Fleet Maintenance Heavy Equipment Shop Roof</u> <i>Consistency with the Comprehensive Plan; Policy Statements pp. 48: 3 & 6</i> DESCRIPTION: This project proposes the complete replacement of metal roof panels and insulation system to eliminate water leaks into the main shop area. This project also includes modifications and/or replacement of unit heaters and light fixtures in the shop area as needed.	Project Location 
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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	46.3					-	Capital Budget Project No: SC13-004 Engineering Project No: E12113 Finance Project No: E12113 A/E Consultant: Solka Nava Torno Contractor: JOC Award Design: January 2013 Award Construction: December '14 Anticipated Completion: May 2015 Total Project Value: \$350,000
Construction		235.0				-	
Contingency		23.5				-	
Inspection/Other	4.7	40.0				-	
TOTAL:	51.0	298.5				-	
Source of Funds							
Bond Issue 2012	51.0	298.5				-	
TOTAL:	51.0	298.5				-	

OPERATIONAL IMPACT:

A new roof should result in reduced electrical consumption, but the results would be nominal.

PROJECT DESCRIPTION

Bond 2012 Proposition Five: MUSEUM AND LIBRARY IMPROVEMENTS

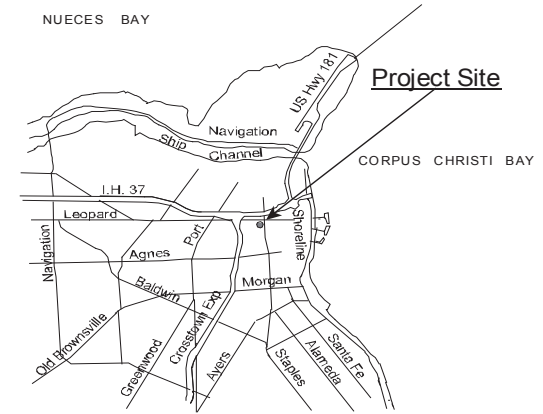
Sequence #05

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 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	107.0					-	Capital Budget Project No: PF13-001 Engineering Project No: E12120 Finance Project No: E12120 A/E Consultants: Solka Nava Torno Contractor: TBD Award Design: March 2013 Award Construction: February 2015 Anticipated Completion: September '15 Total Project Value: \$1,600,000
Construction		950.0	300.0			300.0	
Contingency		95.0	30.0			30.0	
Inspection/Other	7.2	40.4	70.0			70.0	
TOTAL:	114.2	1,085.4	400.0			400.0	
Source of Funds							
Bond Issue 2012	114.2	1,085.4	400.0			400.0	
TOTAL:	114.2	1,085.4	400.0			400.0	

OPERATIONAL IMPACT:

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

PROJECT DESCRIPTION

Bond 2012 Proposition Five: MUSEUM AND LIBRARY IMPROVEMENTS

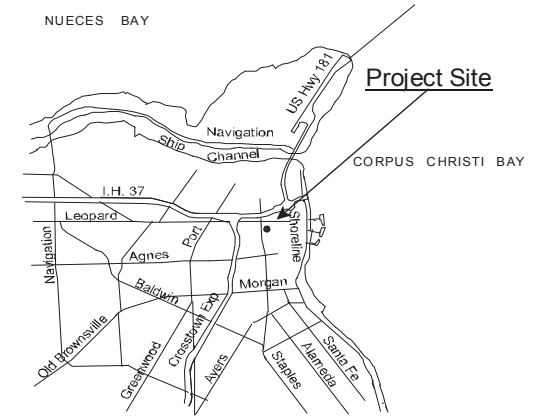
Sequence #06

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.



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 Engineering Project No: E12121 Finance Project No: E12121 A/E Consultants: Solka Nava Torno Contractor: TBD Award Design: March 2013 Award Construction: TBD Anticipated Completion: TBD Total Project Value: \$260,000
Construction		150.0	50.0			50.0	
Contingency		10.0	5.0			5.0	
Inspection/Other	6.0	5.9	10.0			10.0	
TOTAL:	28.8	165.9	65.0			65.0	
Source of Funds							
Bond Issue 2012	28.8	165.9	65.0			65.0	
TOTAL:	28.8	165.9	65.0			65.0	

OPERATIONAL IMPACT:

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

PROJECT DESCRIPTION

Bond 2012 Proposition Five: MUSEUM AND LIBRARY IMPROVEMENTS

Sequence #07

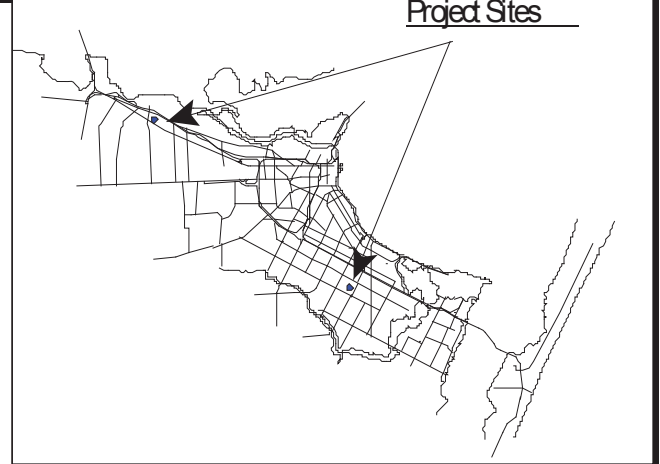
Project Sites

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 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	13.9					-	Capital Budget Project No: PF13-003 Engineering Project No: E12122 Finance Project No: E12122 A/E Consultants: Solka Nava Torno Contractor: TBD Award Design: March 2013 Award Construction: September '14 Anticipated Completion: December '14 Total Project Value: \$80,000
Construction		29.5	15.0			15.0	
Contingency		2.9	2.0			2.0	
Inspection/Other	9.7	4.0	3.0			3.0	
TOTAL:	23.6	36.4	20.0			20.0	
Source of Funds							
Bond Issue 2012	23.6	36.4	20.0			20.0	
TOTAL:	23.6	36.4	20.0			20.0	

OPERATIONAL IMPACT:

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

PROJECT DESCRIPTION

Bond 2012 Proposition Five: MUSEUM AND LIBRARY IMPROVEMENTS

Sequence #08

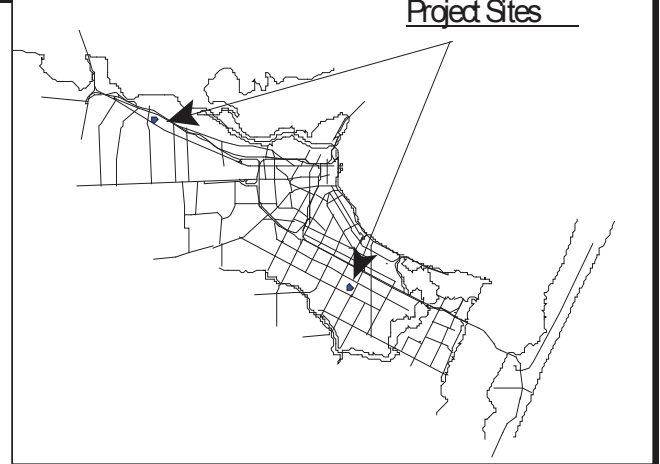
Project Sites

PROJECT TITLE: Facilities ADA Improvements - Barge Dock Parking Lot

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

DESCRIPTION:

This project will include improving ADA accessibility into the Art Museum and American Bank Center through improvements to the accessible route from the Art Museum west parking lot and Barge Dock parking lot.




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	49.6					-	Capital Budget Project No: PF13-004
Construction		280.0				-	Engineering Project No: E12123
Contingency		28.0				-	Finance Project No: E12123
Inspection/Other	32.3	10.1				-	A/E Consultants: Martinez Guy Mabik
TOTAL:	81.9	318.1				-	Contractor: TBD
Source of Funds							Award Design: March 2013
Bond Issue 2012	81.9	318.1				-	Award Construction: June 2014
TOTAL:	81.9	318.1				-	Anticipated Completion: December '14 Total Project Value: \$400,000

OPERATIONAL IMPACT:

No operational costs will be incurred with this project.

PROJECT DESCRIPTION

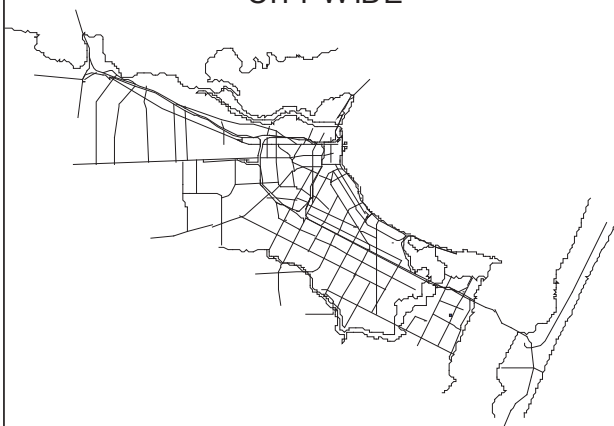
<p>DEPARTMENT: <u>Public Facilities</u> Sequence #09</p> <p>PROJECT TITLE: <u>Energy Efficiency Retrofit of City Facilities, Phase Two</u></p> <p><i>Consistency with Comprehensive Plan: PS pg 48: 1, 3 & 6; Sustainability initiative</i></p> <p>DESCRIPTION: Phase one of this project provided energy efficiency retrofits to 7 City-owned facilities. Phase two will address energy savings measures at 76 City-owned facilities including fire stations, libraries, office buildings, marina, tennis centers, recreation centers, senior centers, the American Bank Center, Art Museum, Science Museum, Health Department, Police and Municipal Court Buildings, City Hall and other isolated facilities. These improvements include energy control upgrades at the American Bank Center, lighting technology upgrades at 59 buildings, weatherization and building envelope improvements at 38 buildings, and water conservation improvements at 56 buildings.</p>	<p>CITY WIDE</p> 
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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 / Build Construction	7,810.9	1,095.8				-	Capital Budget Project No: 12001 Engineering Project No: E13143 Finance Project No: E13143 A/E Consultant: McKinstry Contractor: McKinstry Phase Two Work: Award Design/Build: March 2014 Anticipated Completion: January 2015 Total Project Value: \$8,918,000
Contingency							
Inspection/Other	8.3	3.0				-	
TOTAL:	7,819.2	1,098.8				-	
Source of Funds							
Certificates of Obligation	7,819.2	1,098.8				-	
TOTAL:	7,819.2	1,098.8				-	

OPERATIONAL IMPACT:
Annual utilities saving of \$584,454 per year are projected in addition to an operational incentive payment from AEP for energy conservation measures. The project has an anticipated 15-year payback.

PROJECT DESCRIPTION

<p>DEPARTMENT: <u>Public Facilities</u></p> <p style="text-align: right;">Sequence #10</p> <p>PROJECT TITLE: <u>Comprehensive Facilities Improvements</u></p> <p><i>Consistency with Comprehensive Plan: PS pg 48: 1, 3 & 6; Sustainability initiative</i></p> <p>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 complete on a yearly basis as funding allows.</p>	<p>CITY WIDE</p> 
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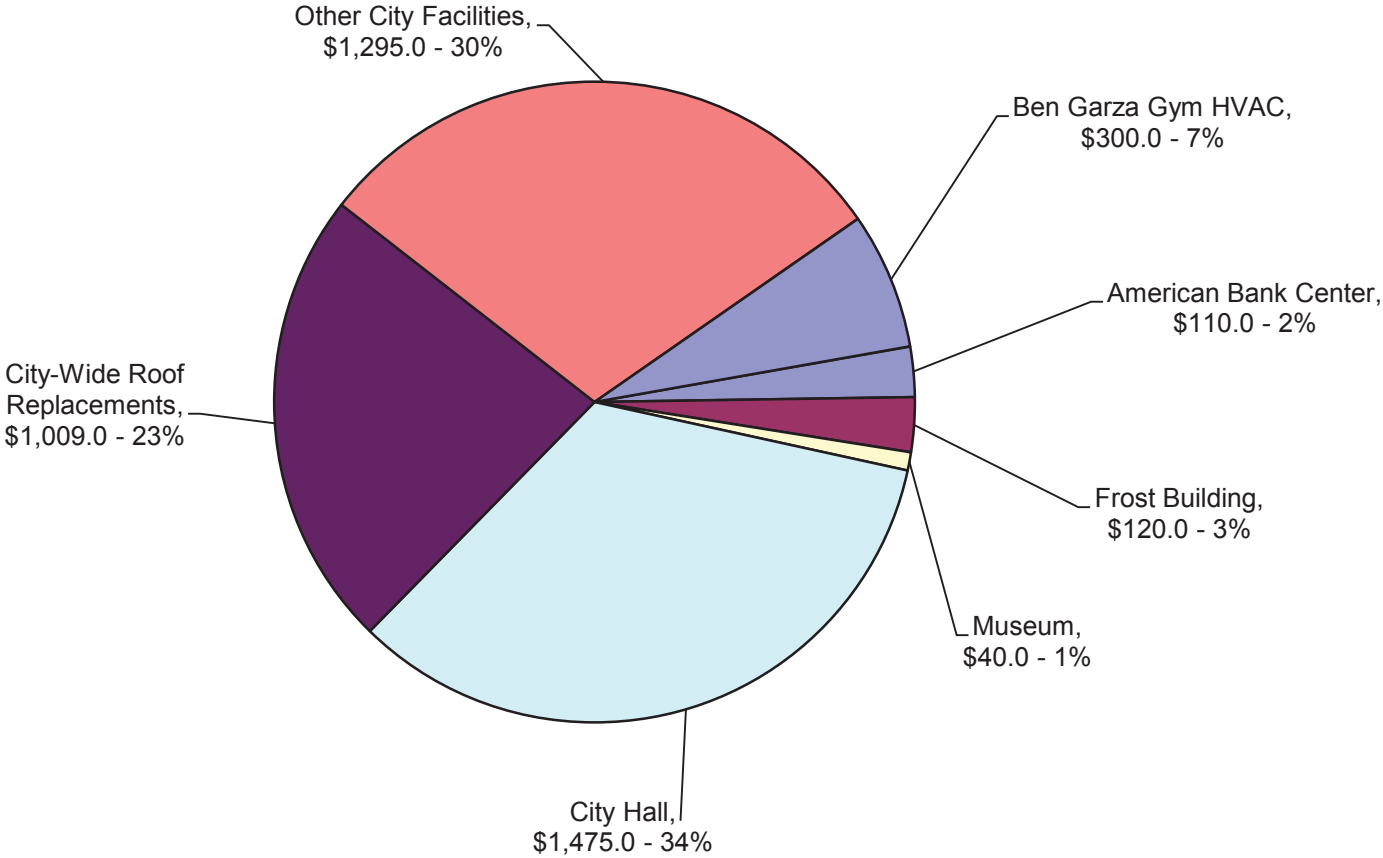
FUNDING SCHEDULE (Amounts in 000's)

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			140.0	140.0	140.0	420.0	Capital Budget Project No: 12001 Engineering Project No: TBD Finance Project No: TBD A/E Consultant: RFQ Contractor: N/A Award Design: TBD Award Construction: TBD Anticipated Completion: TBD Total Project Value: \$2,000,000 per/yr
Construction			1,600.0	1,600.0	1,600.0	4,800.0	
Contingency			160.0	160.0	160.0	480.0	
Inspection/Other			100.0	100.0	100.0	300.0	
TOTAL:			2,000.0	2,000.0	2,000.0	6,000.0	
Source of Funds							
Certificates of Obligation			2,000.0	2,000.0	2,000.0	6,000.0	
TOTAL:			2,000.0	2,000.0	2,000.0	6,000.0	

OPERATIONAL IMPACT:

Unable to anticipate impact at this time.

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



**PUBLIC FACILITIES
LONG-RANGE CIP**

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 Watergarden 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 Watergarden. 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 Watergarden 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.

**PUBLIC FACILITIES
LONG-RANGE CIP**

CITY WIDE FACILITIES ROOF REPLACEMENTS

- | | | |
|----|---|------------------|
| 5 | <u>Ben Garza Gym Roof Replacement</u> | <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 | <u>City Senior Centers - City Wide</u> | <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 | <u>City Recreation Centers - City Wide</u> | <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 | <u>Neyland Library New Roof</u> | <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 | <u>HEB Tennis Center Court Lounge New Roof</u> | <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 | <u>Fire Station #13 New Roof</u> | <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 | <u>Fire Station #14 New Lower Roof</u> | <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 | <u>Warehouse Stores New Roof</u> | <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. | |

**PUBLIC FACILITIES
LONG-RANGE CIP**

CITY WIDE FACILITIES ROOF REPLACEMENTS (cont'd)

- | | | |
|----|---|------------------|
| 13 | <u>Allison Wastewater Treatment Plant New Roof</u> | <u>\$120,000</u> |
| | <p>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.</p> | |
| 14 | <u>ON Stevens Water Treatment Plant New Roof</u> | <u>\$100,000</u> |
| | <p>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.</p> | |

CITY HALL

- | | | |
|----|---|------------------|
| 15 | <u>Atrium Skylight Refurbishment</u> | <u>\$55,000</u> |
| | <p>This project will provide standard five (5) year reseal required due to harsh environmental exposure.</p> | |
| 16 | <u>Flat Roof Resealing</u> | <u>\$350,000</u> |
| | <p>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.</p> | |
| 17 | <u>Main Electrical Control Banks</u> | <u>\$350,000</u> |
| | <p>The original installation is now obsolescent technology and experiences decreased reliability. This project consists of upgrading breakers, wiring and indicators on panels.</p> | |
| 18 | <u>Data Center Fire Suppression Upgrade</u> | <u>\$250,000</u> |
| | <p>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.</p> | |
| 19 | <u>Electrical System Survey/Load Analysis</u> | <u>\$95,000</u> |
| | <p>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.</p> | |
| 20 | <u>Data Center HVAC System Upgrades</u> | <u>\$375,000</u> |
| | <p>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.</p> | |

**PUBLIC FACILITIES
LONG-RANGE CIP**

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.

**PUBLIC FACILITIES
LONG-RANGE CIP**

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.

**PUBLIC FACILITIES
LONG-RANGE CIP**

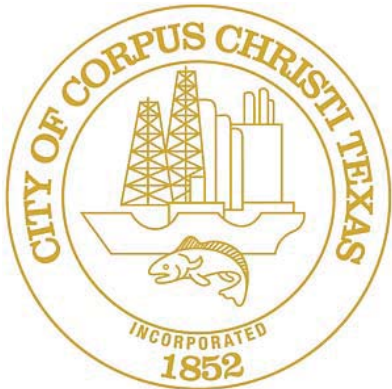
LIBRARY

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 & Safety



CITY OF CORPUS CHRISTI PUBLIC HEALTH & SAFETY PROGRAM

The Fiscal Year 2015 Public Health & Safety Program is highlighted by the construction of police and public health improvements as part of the voter-approved November 2012 bond election. These projects are improving service delivery, protecting existing equipment, enhancing the comfort of the public and investing in projects that will increase revenues.

Additional improvements at the J.C. Elliott and Cefé Valenzuela landfills are proposed over the next three years. 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.

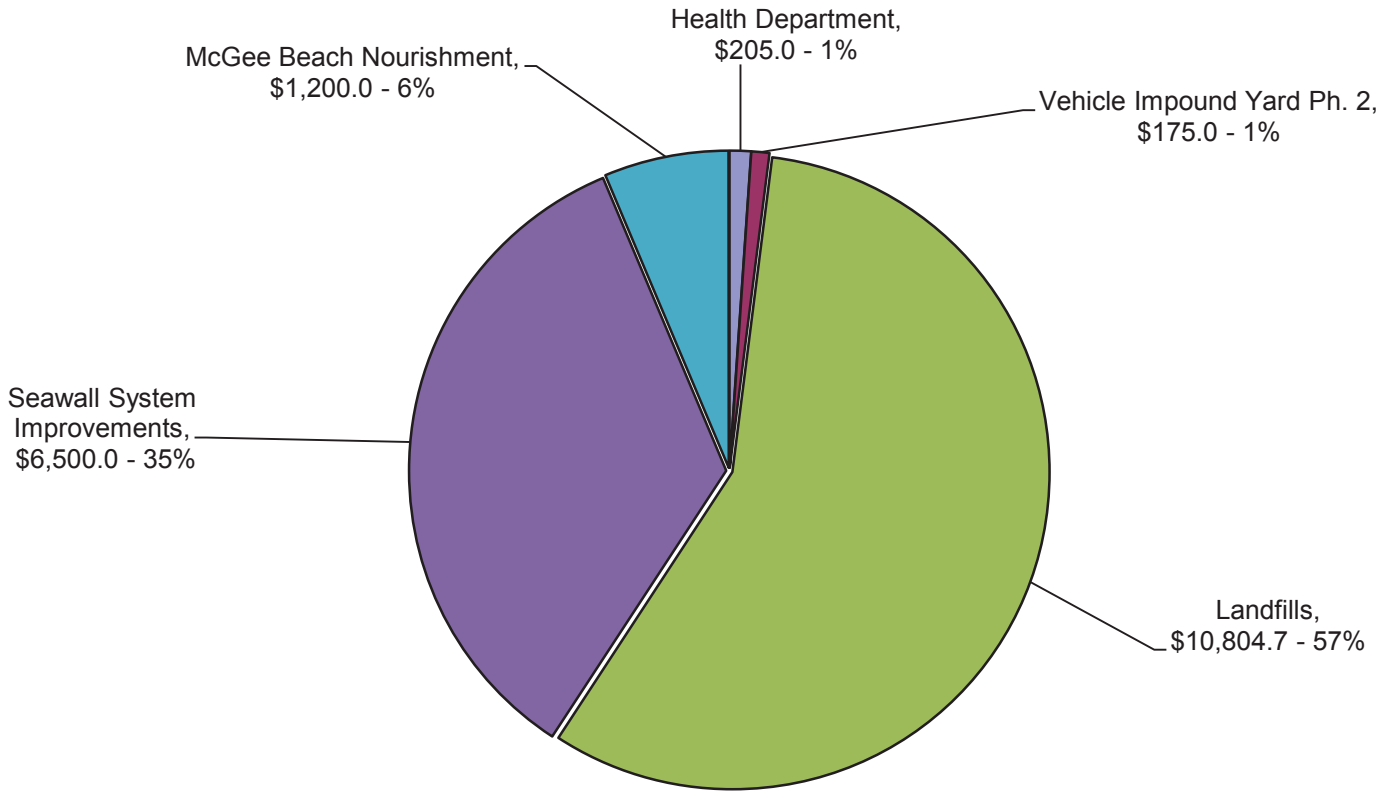
Projects utilizing Sales Tax proceeds have been considered and approved by the Corpus Christi Business and Job Development Corporation and now must be approved by City Council prior to work beginning. These projects include additional improvements to the Salt Flats Levee System, repairs to the downtown Seawall and possible elevation of the barge dock at the existing seawall bulkhead.

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 2014 – 2015	YEAR TWO 2015 – 2016	YEAR THREE 2016 – 2017
TOTAL PROGRAMMED EXPENDITURES:	\$ 18,884,700	\$ 13,911,000	\$ 3,100,000
CURRENT AVAILABLE FUNDING:			
Bond 2012 Proceeds	\$ 380,000	\$ 0	\$ 0
Sales Tax Proceeds (Type A)	\$ 7,700,000	\$ 0	\$ 0
RECOMMENDED ADDITIONAL FUNDING:			
Sales Tax Proceeds (Type A)	\$ 0	\$ 8,000,000	\$ 2,350,000
Certificates of Obligation	\$ 10,804,700	\$ 5,911,000	\$ 750,000
TOTAL PROGRAMMED FUNDS:	\$ 18,884,700	\$ 13,911,000	\$ 3,100,000

**Public Health & Safety
Annual CIP: \$18,884.7
(Amounts in 000's)**



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

Seq #	Project Name	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
PH 01	Health Department WIC Building Roof Replaced Finance and Engineering Number: E12124	8.2	156.8	55.0	-	-	55.0
PH 02	Health Department Building Parking Lot Finance and Engineering Number: E12125	450.0	-	150.0	-	-	150.0
PH 03	Vehicle Impound Yard, Phase 2 Finance and Engineering Number: E12126	7.3	517.7	175.0	-	-	175.0
PH 04	Public Safety Warehouse for Fire and Police Finance Number: 140252 Engineering Number: 5244	3,481.5	108.0	-	-	-	-
PH 05	New Fire Station in area of Holly/Saratoga (Station #18) Finance Number: 140232 Engineering Number: 5246	188.5	1,649.8	-	-	-	-
PH 06	J.C. Elliott Landfill New Office Building Finance and Engineering Number: E11060	125.8	-	1,396.2	-	-	1,396.2
PH 07	J.C. Elliott Landfill Gas Management to Energy System Finance Number: 140063 Engineering Number: 5280	167.7	-	TBD	-	-	-
PH 08	Landfill Pavement / Roadway Life Cycle Replacement Finance Numbers: Various Engineering Numbers: Various	-	-	750.0	750.0	750.0	2,250.0
PH 09	Cefé Valenzuela Landfill Disposal Cells Interim Cover - Cells 3D, 4A and 4B Finance and Engineering Number: E11061	482.7	-	3,936.0	-	-	3,936.0

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

Seq #	Project Name	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
PH 10	Cefé Valenzuela Landfill Liquids (Leachate) Management Finance and Engineering Number: E11059	52.3	190.0	1,191.0	1,191.0	-	2,382.0
PH 11	Cefé Valenzuela Landfill Wind Energy Evaluation/Development Finance Number: 160193 Engineering Number: 5281	30.6	-	TBD	-	-	-
PH 12	Cefé Valenzuela Landfill Disposal Cells Construction - Sectors 1B, 1C Finance and Engineering Number: E13035	630.2	-	3,327.5	-	-	3,327.5
PH 13	Citizens Collection Center Flour Bluff/Padre Island Area Finance Number: E12190 Engineering Number: E12190			204.0	3,970.0	-	4,174.0
PH 14	Seawall Capital Repairs Finance Number: E11090 Engineering Number: E11090			500.0	500.0	500.0	1,500.0
PH 15	Barge Dock Improvements Finance Number: E03426 Engineering Number: E03426	534.8	12.4	2,000.0	5,000.0	1,350.0	8,350.0
PH 16	Salt Flats Levee System - Phase 2 Finance Number: E12070 Engineering Number: E12070	189.3	840.0	4,000.0	2,500.0	500.0	7,000.0

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

Seq #	Project Name	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
PH 17	Magee Beach Nourishment Finance Number: TBD Engineering Number: TBD	-	405.0	1,200.0	-	-	1,200.0
Program Total:		6,348.9	3,879.7	18,884.7	13,911.0	3,100.0	35,895.7

CURRENTLY AVAILABLE FUNDING:

	Bond 2008 Proceeds	1,865.0	1,649.8	-	-	-	-
	Bond 2012 Proceeds	465.5	674.5	380.0			380.0
	Sales Tax Proceeds	724.1	1,252.4	7,700.0	-	-	7,700.0
	Certificates of Obligation	1,489.3	190.0		-	-	-
	Federal Grants	330.0	0.0	-	-	-	-
	Police Operations Budget	75.0	0.0	-	-	-	-
	Texas General Land Office		5.0	-			
	General Fund	1,400.0	108.0	-	-	-	-
Total Currently Available:		6,348.9	3,879.7	8,080.0	-	-	8,080.0

RECOMMENDED ADDITIONAL FUNDING:

	Sales Tax Proceeds	-	-	-	8,000.0	2,350.0	10,350.0
	Certificates of Obligation	-	-	10,804.7	5,911.0	750.0	17,465.7
Total Funding Source:		6,348.9	3,879.7	18,884.7	13,911.0	3,100.0	35,895.7

PROJECT DESCRIPTION

Bond 2012 Proposition Six: PUBLIC HEALTH IMPROVEMENTS

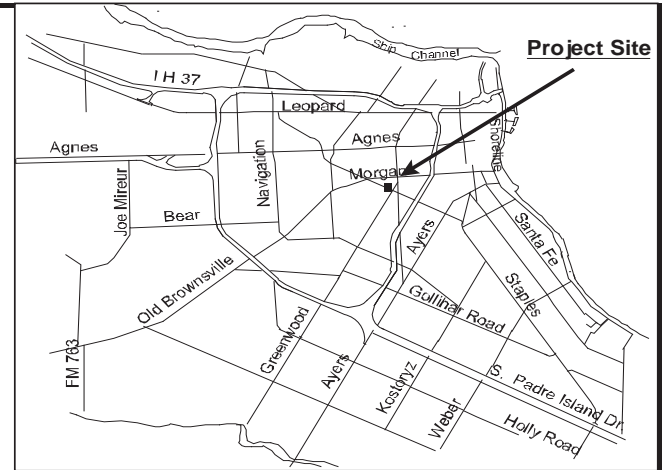
Sequence #01

PROJECT TITLE: Health Department WIC Building Roof Replaced

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

DESCRIPTION:

This project proposes the replacement of roof flashing located at the low roof of the east rear restroom addition. The base/counter flashing where the high wall meets the parapet wall will be extended to eliminate water infiltration. Additionally, for the WIC building, this project will implement needed replacement/modifications to the integral gutter system and metal roof and wall panels.



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		22.0				-	Capital Budget Project No: PH13-001
Construction		100.0	40.0			40.0	Engineering Project No: E12124
Contingency		10.0	4.0			4.0	Finance Project No: E12124
Inspection/Other	8.2	24.8	11.0			11.0	A/E Consultants: Solka Nava Torno
TOTAL:	8.2	156.8	55.0			55.0	Contractor: JOC
Source of Funds							Award Design: March 2013
Bond Issue 2012	8.2	156.8	55.0			55.0	Award Construction: October 2014
TOTAL:	8.2	156.8	55.0			55.0	Anticipated Completion: May 2015 Total Project Value: \$220,000

OPERATIONAL IMPACT:

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

PROJECT DESCRIPTION

Bond 2012 Proposition Six: PUBLIC HEALTH IMPROVEMENTS

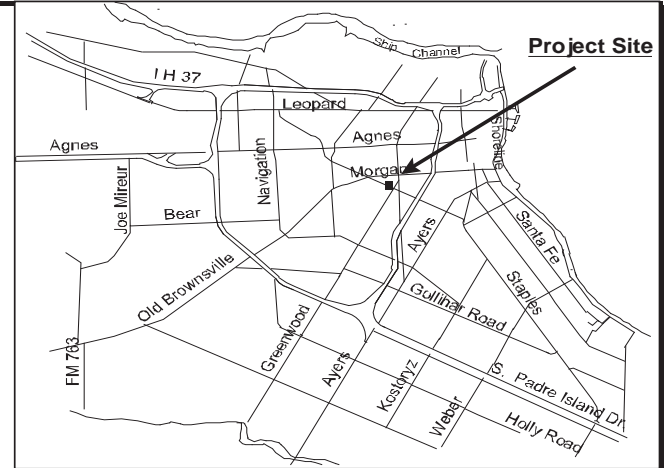
Sequence #02

PROJECT TITLE: Health Department Building Parking Lot

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

DESCRIPTION:

This project proposes the replacement of approximately 60,000 SF of asphalt drives and parking lots and approximately 7,500 SF of concrete sidewalks throughout the facility. This project also includes modifications to the dumpster area and lighting 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	72.0					-	Capital Budget Project No: PH13-002 Engineering Project No: E12125 Finance Project No: E12125 A/E Consultants: Urban Engineering Contractor: Mako Construction Award Design: March 2013 Award Construction: February 2014 Anticipated Completion: September '14 Total Project Value: \$600,000
Construction	350.0		50.0			50.0	
Contingency			40.0			40.0	
Inspection/Other	28.0		60.0			60.0	
TOTAL:	450.0	-	150.0			150.0	
Source of Funds							
Bond Issue 2012	450.0		150.0			150.0	
TOTAL:	450.0	-	150.0			150.0	

OPERATIONAL IMPACT:

There is no operational impact with this project, but it will provide for a safer experience for the clients.

PROJECT DESCRIPTION

Bond 2012 Proposition Seven: PUBLIC SAFETY IMPROVEMENTS

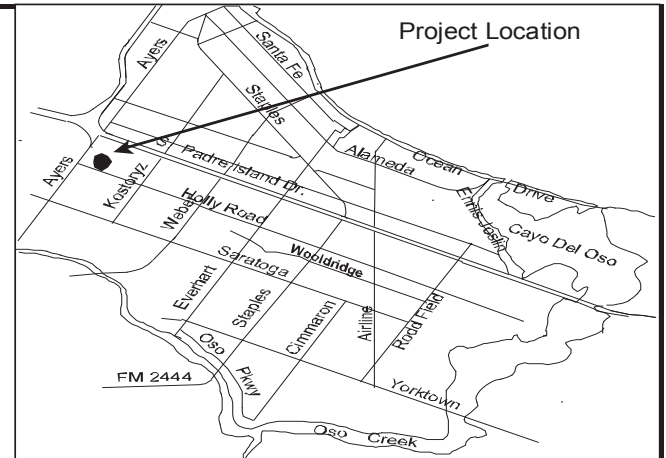
Sequence #03

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 owner 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. Staff reviewed the preliminary design work and found that to construct the forensics building at the originally proposed location, would require significant utility installation, building and site construction costs. Construction at this location would also require permitting through the Texas Commission on Environmental Quality through review and approval of construction documents. Therefore, the new forensics building will now be constructed 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.



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		110.0				-	Capital Budget Project No: PS13-001
Construction		350.0	130.0			130.0	Engineering Project No: E12126
Contingency		35.0	13.5			13.5	Finance Project No: E12126
Inspection/Other	7.3	22.7	31.5			31.5	A/E Consultants: Freese Nichols
TOTAL:	7.3	517.7	175.0			175.0	Contractor: TBD
Source of Funds							Award Design: August 2014
Bond Issue 2012	7.3	517.7	175.0			175.0	Award Construction: April 2015
TOTAL:	7.3	517.7	175.0			175.0	Anticipated Completion: February 2016 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.

PROJECT DESCRIPTION

DEPARTMENT: Public Health and Safety

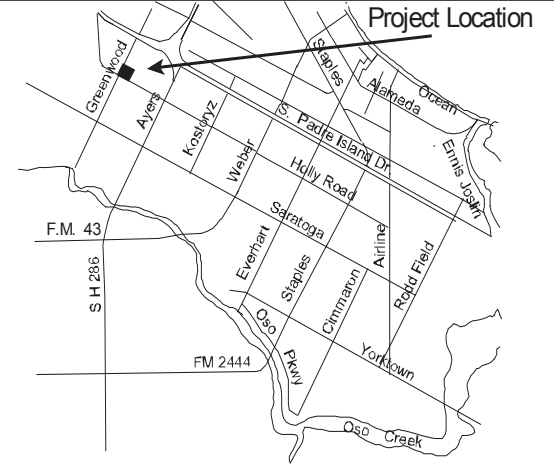
Sequence #04

PROJECT TITLE: Public Safety Warehouse for Fire and Police

Consistency with the Comprehensive Plan: Policy Statements pg. 48: 3&6; pg. 51: g

DESCRIPTION:

As part of this Bond 08 project, the City purchased 3.1 acres of land and an existing 16,000 square foot building for a public safety warehouse at Holly and Greenwood for the Fire Department. Phase 1 of this project is complete and that facility will be used for a fire department warehouse and maintenance facility to keep valuable equipment from being stored outdoors and exposed to the elements. Phase 2 is near completion and consists of a new two story police building on the existing land footprint to accommodate police office space and warehouse needs. The area will be used as storage for large response vehicles for the bomb squad while a portion of the space has been developed as offices for the Organized Crime and Bomb Squad Division. The area over the office will be developed to allow for future relocation of the Saratoga Street Substation.



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:
Land Acquisition	709.9						Capital Budget Project No: 10002 Engineering Project No: 5244 Finance Project No: 140252 PHASE ONE COMPLETE PHASE TWO WORK: A/E Consultant: Lamar Womack Assoc. Contractor: Hencock Construction Award Design: August 2011 Award Construction: May 2013 Anticipated Completion: October 2014 Total Project Value: \$3,589,500
Design & Engineering	249.8					-	
Construction	2,389.5					-	
Contingency						-	
Inspection/Other	132.3	108.0				-	
TOTAL:	3,481.5	108.0				-	
Source of Funds							
Bond 2008 Proceeds	1,676.5						
General Fund Reserves	1,400.0	108.0				-	
Federal Grants	330.0						
Police Operations	75.0						
TOTAL:	3,481.5	108.0				-	

OPERATIONAL IMPACT:

The new facility will accommodate ten existing officers who will be housed at the same facility as their specialized equipment. Currently, this equipment is located throughout the City and is not in a secure warehouse. This move will extend the life of the equipment and improve officer response time. The estimated yearly additional costs are \$14,000 for electricity and \$25,000 for operations including cleaning materials, office supplies and phones. Once the sub-station is relocated, the City will save on a reduction in lease space utilization.

PROJECT DESCRIPTION

DEPARTMENT: Public Health and Safety

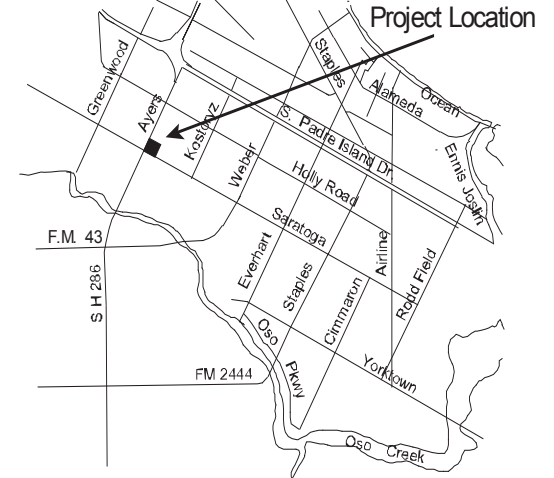
Sequence #05

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 February 2013	Unspent Prior Budget as of March 2013	CIP Budget Year 1 2013-2014	Year 2 2014-2015	Year 3 2015-2016	Three Year Total	PROJECT NOTES:
Design & Engineering	162.6					-	Capital Budget Project No: 10004 Engineering Project No: 5246 Finance Project No: 140232 A/E Consultant: Chuck Anastos Contractor: TBD Award Design: December '10 Award Construction: TBD Anticipated Completion: TBD Total Project Value: \$1,838,300
Construction		1,375.0				-	
Contingency		103.0				-	
Inspection/Other	25.9	171.8				-	
TOTAL:	188.5	1,649.8				-	
Source of Funds							
Bond 2008 Proceeds	188.5	1,649.8				-	
TOTAL:	188.5	1,649.8				-	

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.

PROJECT DESCRIPTION

DEPARTMENT: Public Health and Safety

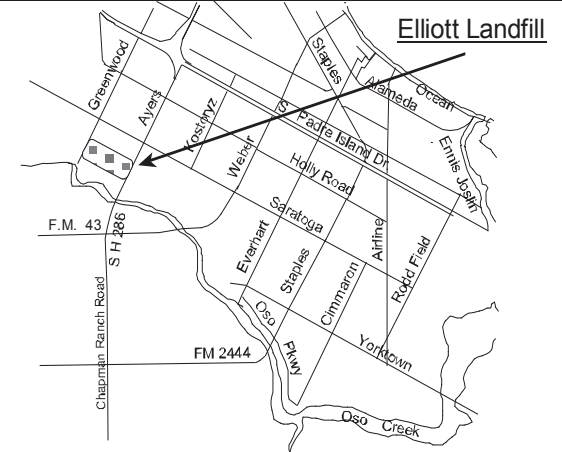
Sequence #06

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 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	115.5					-	Capital Budget Project No: 10009
Construction			1,141.0			1,141.0	Engineering Project No: E11060
Contingency			114.0			114.0	Finance Project No: E11060
Inspection/Other	10.3		141.2			141.2	A/E Consultant: Kleinfelder, Inc.
TOTAL:	125.8	-	1,396.2			1,396.2	Contractor: TBD
Source of Funds							Award Design: June 2013
Certificates of Obligation	125.8	-	1,396.2			1,396.2	Award Construction: January 2015
TOTAL:	125.8	-	1,396.2			1,396.2	Anticipated Completion: July 2015
							Total Project Value: \$1,522,000

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.

PROJECT DESCRIPTION

DEPARTMENT: Public Health and Safety

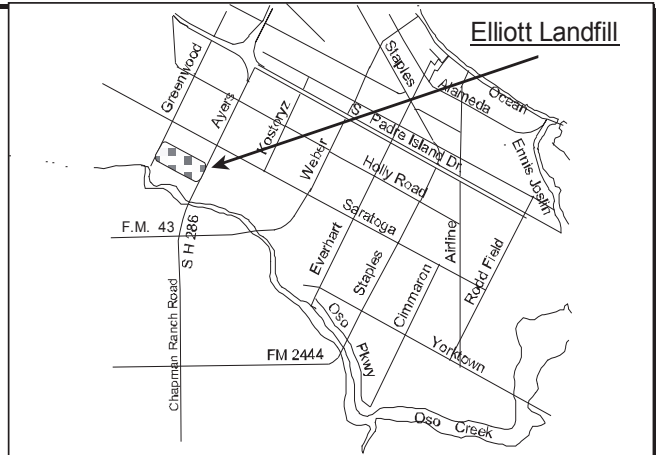
Sequence #07

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 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:
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 '15 Award Construction: TBD
Certificates of Obligation	167.7		TBD				Anticipated Completion: 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.

PROJECT DESCRIPTION

DEPARTMENT: Public Health and Safety

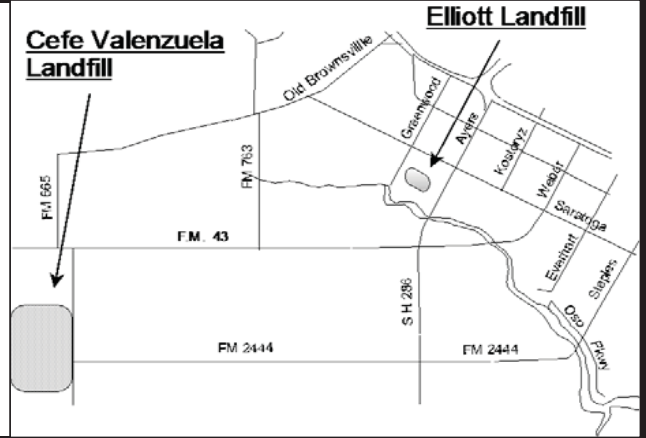
Sequence #08

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 for this year will provide for road reconstruction at Cefe Valenzuela Landfill.



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			60.0	60.0	60.0	180.0	Capital Budget Project No: 08002 Engineering Project No: Various Finance Project No: Various A/E Consultant: TBD Contractor: TBD Award Design: On-Going Award Construction: On-Going Anticipated Completion: On-Going Total Project Value \$750,000 yearly
Construction			600.0	600.0	600.0	1,800.0	
Contingency			60.0	60.0	60.0	180.0	
Inspection/Other			30.0	30.0	30.0	90.0	
TOTAL:			750.0	750.0	750.0	2,250.0	
Source of Funds							
Certificates of Obligation			750.0	750.0	750.0	2,250.0	
TOTAL:			750.0	750.0	750.0	2,250.0	

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.

PROJECT DESCRIPTION

DEPARTMENT: **Public Health and Safety**

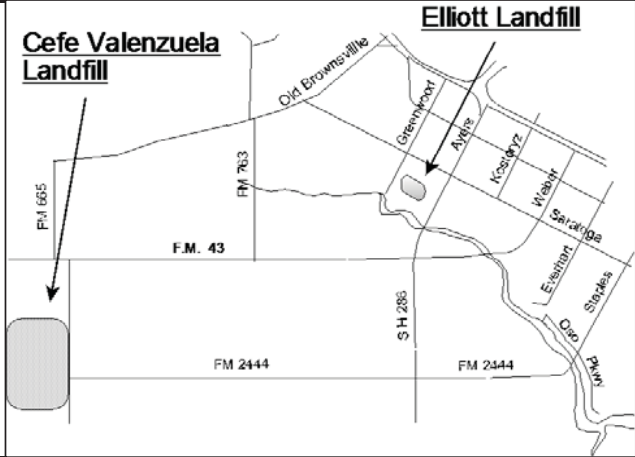
Sequence #09

PROJECT TITLE: **Cefe 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.



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	475.5					-	Capital Budget Project No: 11001
Construction			3,260.0			3,260.0	Engineering Project No: E11061
Contingency			326.0			326.0	Finance Project No: E11061
Inspection/Other	7.2		350.0			350.0	A/E Consultant: CP&Y
TOTAL:	482.7		3,936.0	-	-	3,936.0	Contractor: TBD
Source of Funds							Award Design: January 2013
Certificates of Obligation	482.7		3,936.0			3,936.0	Award Construction: TBD
TOTAL:	482.7		3,936.0	-	-	3,936.0	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.

PROJECT DESCRIPTION

DEPARTMENT: Public Health and Safety

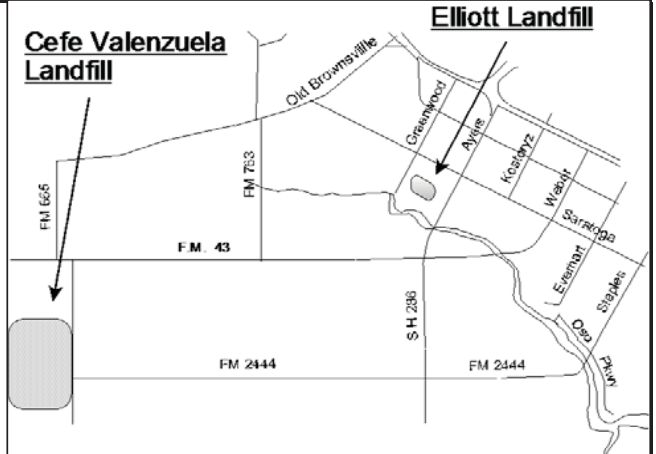
Sequence #10

PROJECT TITLE: Cefé 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, capacity, size, piping, and leachate pumps with intended recirculation of leachate into the proper disposal cells. Prior expenditures include preliminary work to obtain necessary permit modifications and Texas Commission on Environmental approval to add groundwater evaporation ponds. Additional permit modification will be required to recirculate groundwater in cells with the recirculated leachate. Currently, permit modifications for this project have been approved.



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	44.3	175.0				-	Capital Budget Project No: 10011
Construction			960.0	960.0		1,920.0	Engineering Project No: E11059
Contingency			96.0	96.0		192.0	Finance Project No: E11059
Inspection/Other	8.0	15.0	135.0	135.0		270.0	Preliminary Consultant: S. Hossain-UT at A
TOTAL:	52.3	190.0	1,191.0	1,191.0		2,382.0	A/E Consultant: TBD
Source of Funds							Contractor: TBD
Certificates of Obligation	52.3	190.0	1,191.0	1,191.0		2,382.0	Award Design: Fiscal Year '14
TOTAL:	52.3	190.0	1,191.0	1,191.0		2,382.0	Award Construction: Fiscal Year '16
							Anticipated Completion: Fiscal Year '17
							Total Project Value \$2,624,300

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.

PROJECT DESCRIPTION

DEPARTMENT: Public Health and Safety

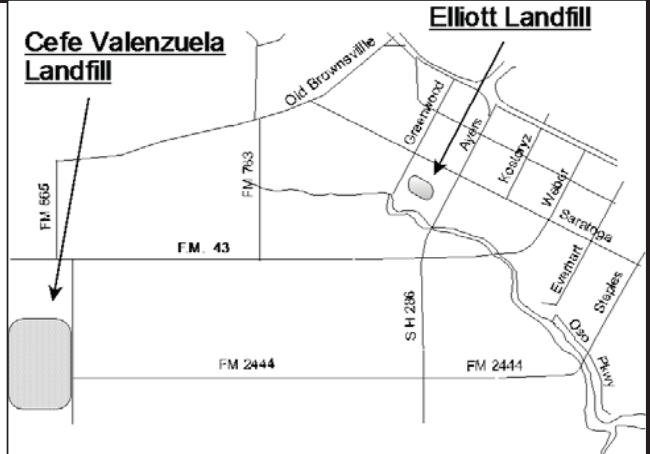
Sequence #11

PROJECT TITLE: Cefé Valenzuela Wind Energy Evaluation/Development

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

DESCRIPTION:

This project will explore the development of a wind farm for the commercial production of electrical energy. Energy generated through a wind farm could be used at the landfill and/or sold to retail providers. Prior expenditures are evaluating the development of a Request For Proposals (RFP) for the potential to solicit developers to design or design-build a wind generation farm. At this time it is not known what the potential costs for FY '15 may be.



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:
Development of RFP Package	30.6		TBD			-	Capital Budget Project No: 10012
Design & Engineering						-	Engineering Project No: 5281
Construction						-	Finance Project No: 160193
Contingency						-	A/E Consultant: TBD
Inspection/Other						-	Contractor: TBD
TOTAL:	30.6					-	Award Design: TBD
Source of Funds							Award Construction: TBD
Certificates of Obligation	30.6		TBD			-	Anticipated Completion: TBD
TOTAL:	30.6					-	Total Project Value \$TBD

OPERATIONAL IMPACT:

This project could result in large revenue generation from alternate energy production sources such as wind energy. 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 Cefé Valenzuela Landfill and other city facilities.

PROJECT DESCRIPTION

Department: Public Health and Safety

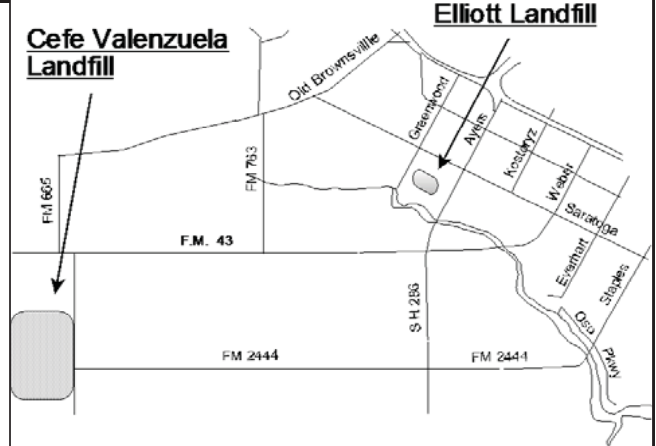
Sequence #12

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.



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	623.5	-	2,925.0			-	Capital Budget Project No: 13-001 Engineering Project No: E13035 Finance Project No: E13035 A/E Consultants: CP&Y Contractor: TBD Award Design: February 2014 Award Construction: September '15 Anticipated Completion: June 2016 Total Project Value: \$3,957,700
Construction			292.5			292.5	
Contingency			110.0			110.0	
Inspection/Other	6.7	-					
TOTAL:	630.2	-	3,327.5			3,327.5	
Source of Funds							
Certificates of Obligation	630.2	-	3,327.5			3,327.5	
TOTAL:	630.2	-	3,327.5			3,327.5	

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.

PROJECT DESCRIPTION

DEPARTMENT: Public Health and Safety

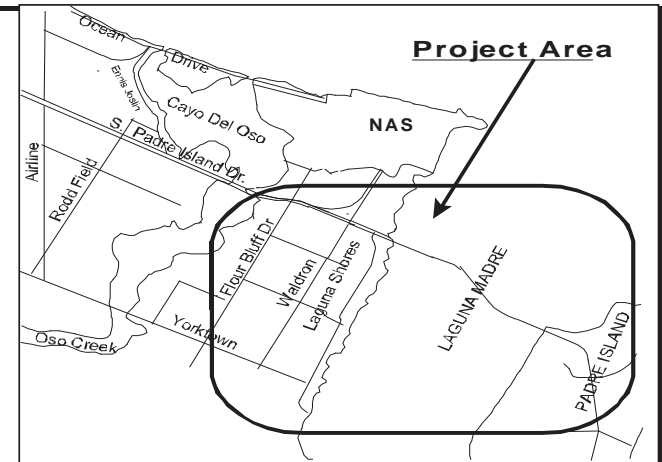
Sequence #13

PROJECT TITLE: Citizens Collection Center Flour Bluff / Padre Island Area

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

DESCRIPTION:

This project will result in a new Citizen's Collection Center 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. Timing of construction will be dependent upon acquisition of land and issuance of Certificates of Obligation.



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:
Land Acquisition			100.0			100.0	Capital Budget Project No: 10013 Engineering Project No: E12190 Finance Project No: E12190 A/E Consultant: Kleinfelder, Inc. Contractor: TBD Award Design: January 2014 Award Construction: Fall 2015 Anticipated Completion: Early 2016 Total Project Value \$4,174,500
Design & Engineering			80.0			80.0	
Construction				3,500.0		3,500.0	
Contingency				350.0		350.0	
Inspection/Other			24.5	120.0		144.5	
TOTAL:			204.5	3,970.0	-	4,174.5	
Source of Funds							
Certificates of Obligation			204.5	3,970.0		4,174.5	
TOTAL:			204.5	3,970.0	-	4,174.5	

OPERATIONAL IMPACT:

This project will provide a needed service to the residents of Padre Island and Flour Bluff. It will assist in promoting community pride and should reduce the amount of garbage currently being dumped along roadsides in these areas. Estimated operational costs required to run the facility include \$60,000 for two FTE's and an additional \$5,900 for contractual services and supplies on a yearly basis.

PROJECT DESCRIPTION

DEPARTMENT: Public Health and Safety

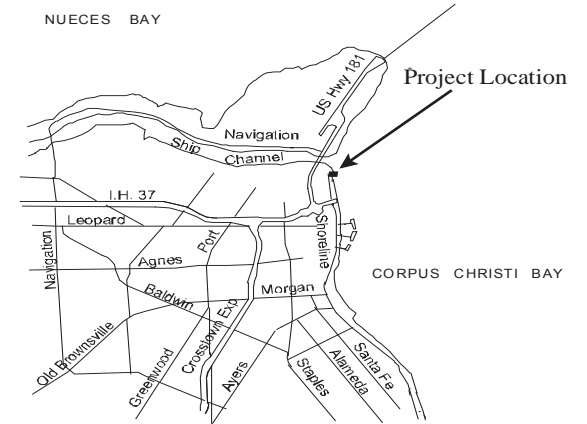
Sequence #14

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 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			50.0	50.0	50.0	150.0	Capital Budget Project No: 10014 Engineering Project No: E11090 Finance Project No: E11090 A/E Consultant: Various Contractor: Various Award Design: On-Going Award Construction: On-Going Anticipated Completion: On-Going
Construction			375.0	375.0	375.0	1,125.0	
Contingency			37.0	37.0	37.0	111.0	
Inspection/Other			38.0	38.0	38.0	114.0	
TOTAL:			500.0	500.0	500.0	1,500.0	
Source of Funds							
Sales Tax Proceeds (Type A)			500.0	500.0	500.0	1,500.0	
TOTAL:			500.0	500.0	500.0	1,500.0	

OPERATIONAL IMPACT:

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

PROJECT DESCRIPTION

DEPARTMENT: Public Health and Safety

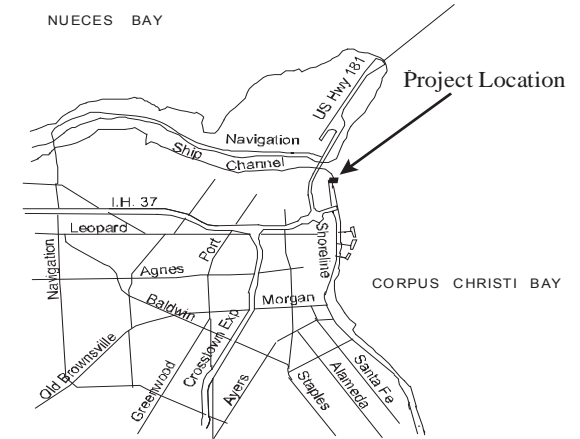
Sequence #15

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 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	309.8		150.0	500.0	130.0	780.0	Capital Budget Project No: 10014
Construction	147.8		1,500.0	3,750.0	1,000.0	6,250.0	Engineering Project No: E03426
Contingency			150.0	375.0	100.0	625.0	Finance Project No: E03426
Inspection/Other	77.2	12.4	200.0	375.0	120.0	695.0	A/E Consultant: RVE
TOTAL:	534.8	12.4	2,000.0	5,000.0	1,350.0	8,350.0	Contractor: TBD
Source of Funds							Award Design: August 2012
Sales Tax Proceeds	534.8	12.4	2,000.0	5,000.0	1,350.0	8,350.0	Award Construction: TBD
TOTAL:	534.8	12.4	2,000.0	5,000.0	1,350.0	8,350.0	Anticipated Completion: TBD
							Total Project Value \$8,897,200

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.

PROJECT DESCRIPTION

DEPARTMENT: Public Health and Safety

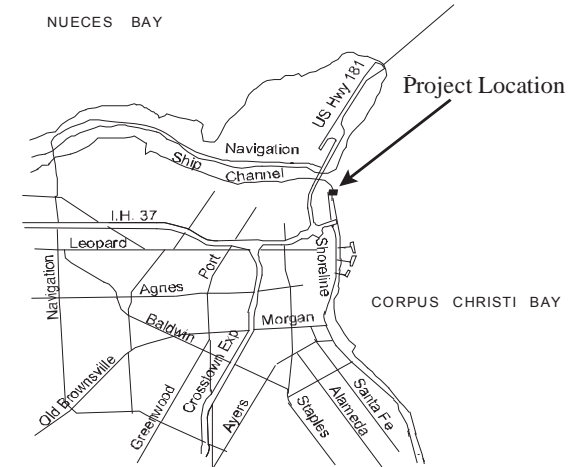
Sequence #16

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 '13 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 1. 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 2 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 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	172.3	100.0				-	Capital Budget Project No: 10014
Construction		600.0	3,500.0	2,200.0	400.0	6,100.0	Engineering Project No: E12070
Contingency		60.0	350.0	220.0	40.0	610.0	Finance Project No: E12070
Inspection/Other	17.0	80.0	150.0	80.0	60.0	290.0	PHASE TWO WORK:
TOTAL:	189.3	840.0	4,000.0	2,500.0	500.0	7,000.0	A/E Consultant: HDR
							Contractor: TBD
							Award Design: July 2012
Source of Funds							Award Construction: FY 2015
Sales Tax Proceeds	189.3	840.0	4,000.0	2,500.0	500.0	7,000.0	Anticipated Completion: On-Going
TOTAL:	189.3	840.0	4,000.0	2,500.0	500.0	7,000.0	Total Project Value \$8,029,300

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.

PROJECT DESCRIPTION

DEPARTMENT: Public Health and Safety

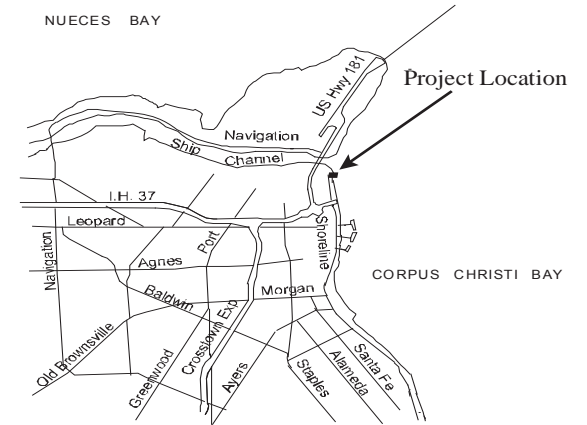
Sequence #17

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.



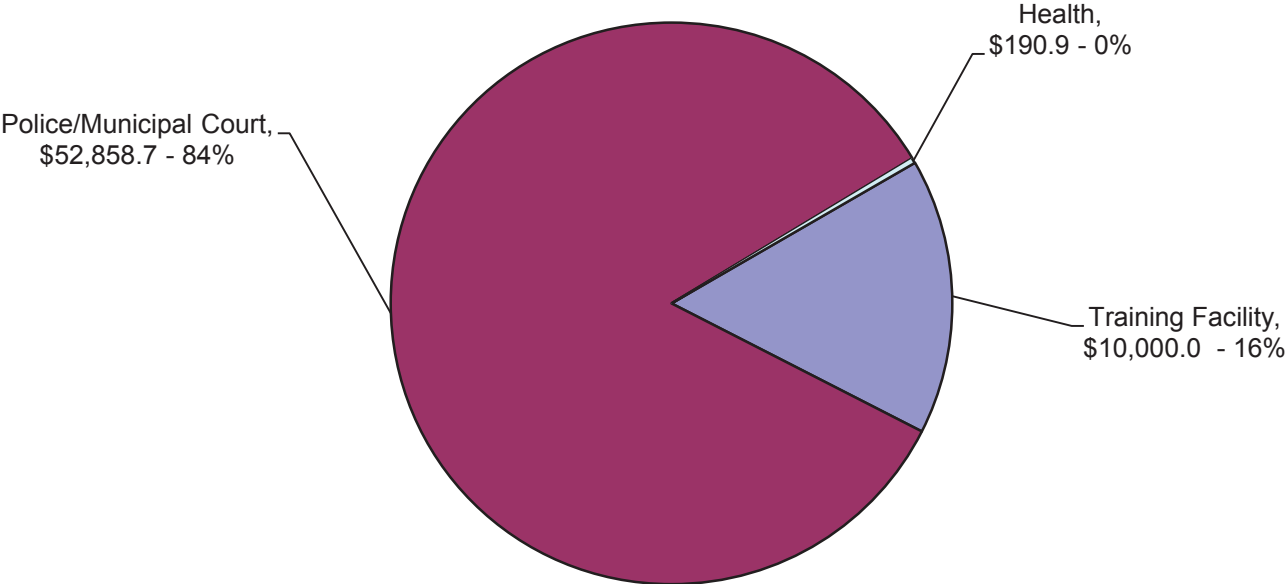
FUNDING SCHEDULE (Amounts in 000's)

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		270.0				-	Capital Budget Project No: 10014
Construction			1,000.0			1,000.0	Engineering Project No: TBD
Contingency			100.0			100.0	Finance Project No: TBD
Inspection/Other		135.0	100.0			100.0	A/E Consultant: TGLO
TOTAL:		405.0	1,200.0			1,200.0	Contractor:
Source of Funds							Award Design: September '14
Type A Board		400.0	1,200.0			1,200.0	Award Construction: FY 2015
Texas General Land Office		5.0	TBD				Anticipated Completion: FY 2015
TOTAL:		405.0	1,200.0			1,200.0	Total Project Value: TBD

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)**



**PUBLIC HEALTH SAFETY
LONG RANGE CIP**

TRAINING FACILITY

- | | | |
|---|--|--------------|
| 1 | Fire/Police Training Facility, Phase 2 | \$10,000,000 |
| | <p>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.</p> | |

FIRE

- | | | |
|---|---|-----|
| 2 | Vehicle Maintenance & SCBA Repair Facility | TBD |
| | <p>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.</p> | |

POLICE/ MUNICIPAL COURT

- | | | |
|---|---|--------------|
| 3 | Police Headquarters Expansion | \$2,250,000 |
| | <p>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.</p> <p>NOTE: CONSTRUCTION OF NEW MUNICIPAL COURT FACILITIES WOULD ELIMINATE NEED FOR EXPANSION (see project #4).</p> | |
| 4 | New Municipal Court Facilities | \$10,225,000 |
| | <p>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.</p> | |
| 5 | Police Headquarters Parking Facility | \$1,600,000 |
| | <p>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.</p> | |

**PUBLIC HEALTH SAFETY
LONG RANGE CIP**

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

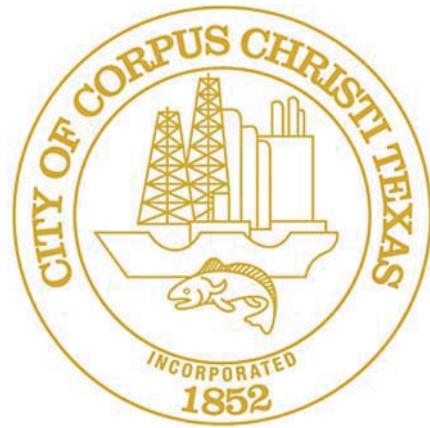
- 9 Citizens Collection Center TBD
This project will result in a four new Citizen's Collection Centers across the city for drop-off of solid waste, discarded appliances and furniture, and household hazardous waste. The project requires land acquisition, utility improvements, fencing, paving, waste containers, 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.

**PUBLIC HEALTH SAFETY
LONG RANGE CIP**

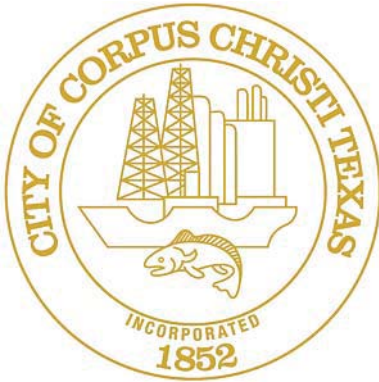
HEALTH

- | | | |
|----|--|-----------|
| 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



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 2014 – 2015 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, July 16, 2013, the City Council approved a Resolution 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. Council directed staff to develop a second proposition of street projects promoting street safety, revitalization and capacity improvements. To facilitate this strategy, Council approved a Reimbursement Resolution in an amount not to exceed \$8 Million to begin the design of street improvements listed in Proposition One. A Request for Qualifications (RFQ) for Professional Design Services was issued in Fall of 2013 and during the January/February 2014 timeframe, fourteen engineering services contracts were issued to begin design on fifteen street improvement projects. On November 4, 2014, City voters will have the opportunity to approve the construction of the Council-approved Projects listed in Proposition One and additional street infrastructure projects in Proposition Two.

The Fiscal Year 2014-15 Capital Improvement Program (CIP) includes the projects listed on Proposition One, which are in the design phase. Pending approval of Proposition One or Two by city voters, the CIP will be amended to formally include the final listing and cost of those projects. Both propositions will require additional funds for utility improvements. The value of these improvements will be determined during the design phase and then programmed into subsequent CIP budgets dependent upon funding availability and scheduling.

The Fiscal Year 2015 Street 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. Both propositions require utility upgrades to complete the program. These costs are incorporated in the street bid packages and utility costs are included in the street CIP section.

The City of Corpus Christi continues to maximize project funding by actively seeking joint participation with other governmental entities to complete street projects with a maximum benefit for citizens. Significant financial participation has been secured through the Metropolitan Planning Organization (MPO) from Federal Highway Administration and Texas Department of Transportation (TxDOT) funding. Nueces County is joining the City to contribute funds for a project that benefits both entities. The Regional Transportation Authority has contributed to special projects benefiting urban mobility. The Department of Housing and Urban Development, through the Community Development Block Grant (CDBG) program, makes funds available yearly for qualifying street projects.

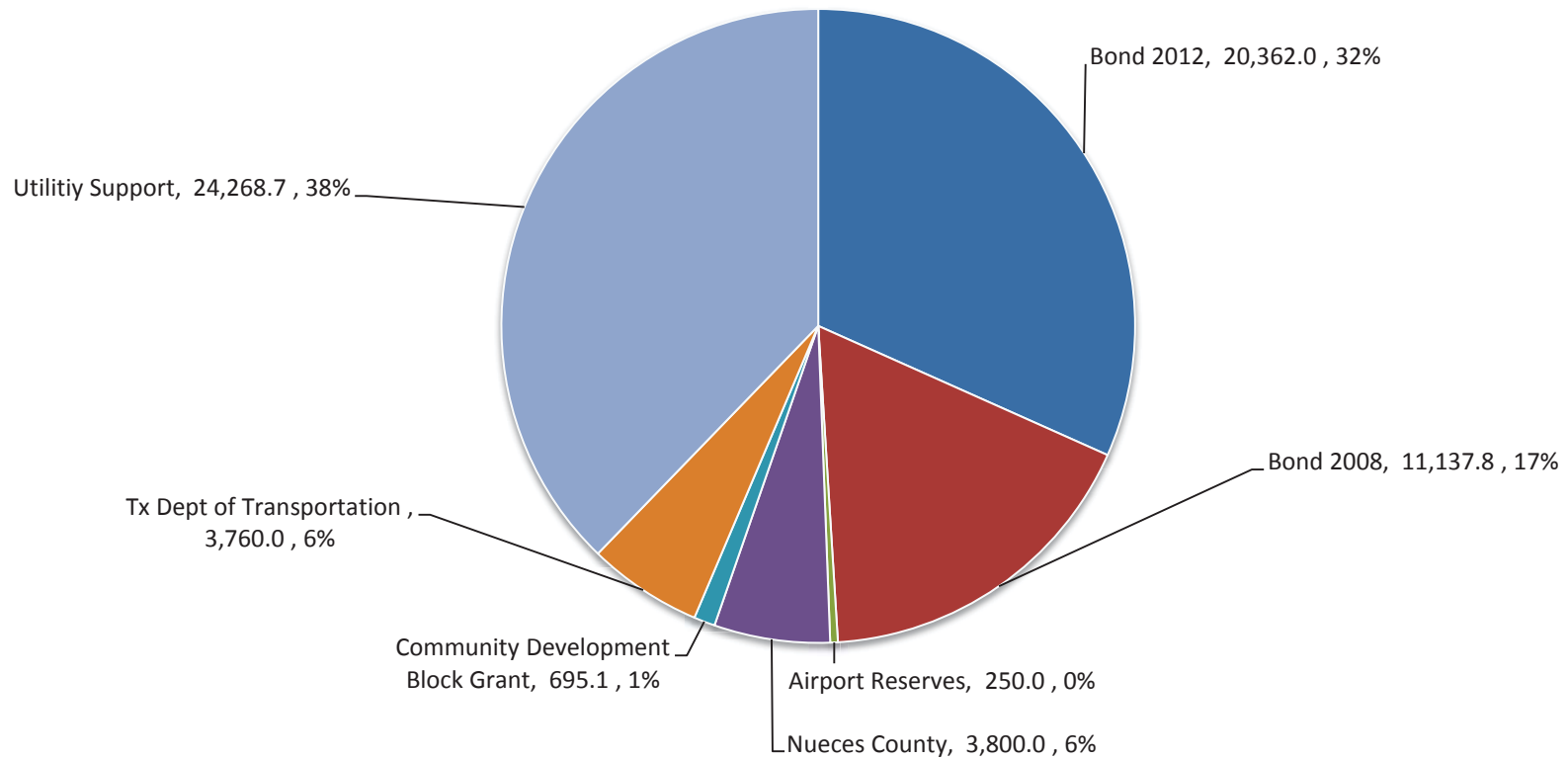
This year's CDBG program illustrates the City's commitment to accessibility improvements and provides funding for constructing accessible routes in CDBG residential areas to include sidewalks where none exist and ADA compliant curb cut ramps on all qualifying streets.

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.

A recap of the budgeted expenditures includes:

	YEAR ONE	YEAR TWO	YEAR THREE
	2014 – 2015	2015 – 2016	2016 - 2017
TOTAL PROGRAMMED EXPENDITURES:	\$ 64,273,600	\$ 18,991,700	\$ 3,698,100
AVAILABLE FUNDING:			
Bond Issue 2012 Proceeds	\$ 20,362,000	\$ 0	\$ 0
Bond Issue 2008 Proceeds	\$ 11,137,800	\$ 0	\$ 0
Texas Department of Transportation	\$ 3,760,000	\$ 0	\$ 0
Community Development Block Grants	\$ 695,100	\$ 0	\$ 0
Airport Capital Reserves	\$ 250,000	\$ 0	\$ 0
TOTAL AVAILABLE FUNDS:	\$ 36,204,900	\$ 0	\$ 0
RECOMMENDED ADDITIONAL FUNDING:			
Revenue Bonds	\$ 24,268,700	\$ 10,956,700	\$ 3,698,100
Nueces County	\$ 3,800,000	\$ 0	\$ 0
Texas Department of Transportation	\$ 0	\$ 4,080,000	\$ 0
Additional Funding Requirements	\$ 0	\$ 3,955,000	\$ 0
TOTAL PROGRAMMED FUNDS:	\$ 64,273,600	\$ 18,991,700	\$ 3,698,100

Streets
Annual CIP: \$64,273.6
(Amounts in 000's)



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

Seq #	Project Name	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
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PROPOSED STREET BOND 2014 - PROPOSITION #1 PROJECTS

ST 01	Alameda Street - Kinney to Lipan Finance and Engineering Number: E13086	329.7	23.2				-
ST 02	Gollihar Road - South Staples Street to Weber Road Finance and Engineering Number: E13087	1,205.6	542.8				-
ST 03	Gollihar Road - Weber Road to Carroll Lane Finance and Engineering Number: E13088	1,019.3	255.5				-
ST 04	Gollihar Road - Carroll Lane to Kostoryz Finance and Engineering Number: E13089	1,021.0	252.3				-
ST 05	Morgan Avenue - Ocean Drive to South Staples Street Finance and Engineering Number: E13090	574.1	228.1				-
ST 06	Corona Drive - Flynn Parkway to Everhart Finance and Engineering Number: E13091	546.9	-				-
ST 07	Ayers Street - Ocean Drive to Alameda Street Finance and Engineering Number: E13092	819.1	149.6				-
ST 08	Yorktown Road - Lake Travis to Everhart Road Finance and Engineering Number: E13093	1,005.5	114.6				-

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

Seq #	Project Name	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
ST 09	South Staples Street - Alameda Street to Morgan Avenue Finance and Engineering Number: E13094	763.1	62.6				-
ST 10	Southern Minerals Road - Up River Road to IH 37 Finance and Engineering Number: E13095	612.2	123.0				-
ST 11	Yorktown Boulevard - Everhart Road to South Staples Street Finance and Engineering Number: E13096	1,000.4	358.8				-
ST 12	Carroll Lane - Houston to McArdle Road Finance and Engineering Number: E13097	520.0	63.1				-
ST 13	Old Robstown Road, State Highway 44 to Leopard Street Finance and Engineering Number: E13098	560.6	82.7				-
ST 14	Waldron Road - Airdome to Caribbean Finance and Engineering Number: E13099	712.6	140.4				-
ST 15	Santa Fe - Elizabeth Street to Hancock Finance and Engineering Number: E13100	342.4	-				-
ST 16	ADA Master Plan Implementation Finance and Engineering Number: E13101	1.9	78.1				-

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

Seq #	Project Name	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
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STREET BOND 2012 PROJECTS

ST 17	Navigation Boulevard - Up River Road to Leopard Street Finance and Engineering Number: E12090	881.6	10,919.8	5,065.9	1,118.0	-	6,183.9
ST 18	South Alameda Street - Ayers Street to Louisiana Avenue Finance and Engineering Number: E12091	573.4	3,220.4	1,521.0	-	-	1,521.0
ST 19	Greenwood Drive - Gollihar Road to Horne Road Finance and Engineering Number: E12092	419.8	2,380.2	1,083.0	-	-	1,083.0
ST 20	Ocean Drive - Buford Street to Louisiana Avenue Finance and Engineering Number: E12093	908.0	3,175.6	2,750.0	1,575.0	288.0	4,613.0
ST 21	Tuloso Road - Interstate Highway 37 to Leopard Street Finance and Engineering Number: E12094	361.3	2,813.7	538.0	-	-	538.0
ST 22	South Staples Street - Brawner Parkway to Kostoryz Road Finance and Engineering Number: E12095	776.2	1,643.9	4,700.0	1,170.0	161.0	6,031.0
ST 23	South Staples Street - Morgan Avenue to Interstate Highway 37 Finance and Engineering Number: E12096	716.3	3,950.3	4,504.0	645.0	-	5,149.0
ST 24	McArdle Road - Nile Drive to Ennis Joslin Finance and Engineering Number: E12097	720.0	4,452.5	3,844.0	650.0	-	4,494.0
ST 25	McArdle Road - Whitaker to Nile Drive Finance and Engineering Number: E12098	538.5	2,662.0	1,062.0	-	-	1,062.0

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

Seq #	Project Name	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
ST 26	Kostoryz Road - Brawner Parkway to Staples Street Finance and Engineering Number: E12099	596.0	2,317.7	2,739.4	-	-	2,739.4
ST 27	Horne Road - Ayers Street to Port Avenue Finance and Engineering Number: E12100	259.9	1,356.9	1,336.6	-	-	1,336.6
ST 28	Morgan Avenue - South Staples Street to Crosstown Freeway Finance and Engineering Number: E12101	492.9	2,551.7	2,619.0	199.0	-	2,818.0
ST 29	Twigg Street - Shoreline Boulevard to Lower Broadway Finance and Engineering Number: E12102	371.3	928.3	1,608.0	1,174.4	-	2,782.4
ST 30	Leopard Street - Crosstown Freeway to Palm Drive Finance and Engineering Number: E12103	631.6	1,221.4	742.0	2,225.1	-	2,967.1
ST 31	Holly Road - Crosstown Freeway to Greenwood Drive Finance Number: 170371 Engineering Number: 6470	1,923.6	1,165.8	1,875.0	7,884.6	3,249.1	13,008.7
ST 32	Williams Drive Phase 3 - South Staples to Airline Road Finance and Engineering Number: E11116	1,115.1	1,971.1	5,660.0	2,350.6	-	8,010.6
ST 33	Yorktown Boulevard - Cimarron to Rodd Field Road Finance and Engineering Number: E10100	6,610.6	2,324.2	-	-	-	-
ST 34	JFK Causeway Area Improvements Finance and Engineering Number: E12107	182.6	844.3	772.0	-	-	772.0

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

Seq #	Project Name	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
ST 35	ADA Master Plan Improvements Finance and Engineering Number: E12104	1,725.0	-	575.0	-	-	575.0
ST 36	Signal Improvement and Street Lighting Finance and Engineering Number: E12105	99.1	1,400.9	500.0	-	-	500.0
ST 37	Texas Department of Transportation Participation Finance and Engineering Number: E12228	1,047.8	102.2	-	-	-	-
ST 38	SeaTown Pedestrian Improvements Finance and Engineering Number: E12134	32.1	287.9	320.0	-	-	320.0
ST 39	North Beach Area Road Improvements and Area Beautification Finance and Engineering Number: E12127	29.3	523.4	548.0	-	-	548.0
ST 40	North Beach Breakwater Plaza, North Shoreline Repair and Enhancement Finance and Engineering Number: E12129	28.0	850.3	872.0	-	-	872.0
ST 41	Developer Participation Finance and Engineering Number: Various	598.6	1,651.4	750.0	-	-	750.0
ST 42	County Road 52 Extension (CR 69 to FM 1889) Finance and Engineering Number: E12136	300.3	2,574.7	4,750.0	-	-	4,750.0
ST 43	International Boulevard Finance and Engineering Number: E12137	176.4	574.6	1,175.3	-	-	1,175.3

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

Seq #	Project Name	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
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STREET BOND 2008, 2004 AND COMMUNITY DEVELOPMENT BLOCK GRANT PROJECTS

ST 44	Accessible Routes in CDBG Residential Areas, Phase 3 Finance Number and Engineering Number: E13130	301.3	-	200.0			200.0
ST 45	ADA Improvements in CDBG Areas Finance Number and Engineering Number: E13131	-	-	495.1			495.1
ST 46	Park Road 22 Bridge Finance Number: 170062 Engineering Number: 6281	1,422.7	5,666.3	5,705.5			5,705.5
ST 47	Bayfront Development Plan, Phase 3 Finance Number: 170678 Engineering Number: 6511	12,071.2	767.4	3,762.8			3,762.8
ST 48	Williams Drive, Phase 1 - Rodd Field to Nile Drive Finance Number: 170323 Engineering Number: 6466	8,047.2	3,804.3	-			-
ST 49	Williams Drive, Phase 2 - Nile Drive to Airline Finance Number: 170324 Engineering Number: 6467	13,199.2	1,800.9	200.0			200.0
ST 50	Bear Lane - Old Brownsville Road to SPID Finance Number: 170119 Engineering Number: 6463	7,474.0	2,942.3	-			-
ST 51	Rodd Field/Yorktown Intersection at Airline Finance Number: E13085 Engineering Number: 6465	104.0	3,743.6	2,000.0			2,000.0

	Program Total:	75,769.3	79,064.8	64,273.6	18,991.7	3,698.1	86,963.4
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**STREETS
SHORT-RANGE CIP
(Amounts in 000's)**

Seq #	Project Name	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
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CURRENTLY AVAILABLE FUNDING:

	Bond Issue 2012 Proceeds	12,589.1	30,412.0	20,362.0	-	-	20,362.0
	Bond Issue 2008 Proceeds	22,952.4	1,530.0	11,137.8	-	-	11,137.8
	Bond Issue 2004 Proceeds	2,535.2	7.3	-	-	-	-
	Tax Notes	5,525.2	2,474.8	-	-	-	-
	Airport Revenues	-	-	250.0	-	-	250.0
	Community Development Block Grant Funds	301.3	-	695.1	-	-	695.1
	Texas Department of Transportation	546.8	-	3,760.0	-	-	3,760.0
	Regional Transportation Authority	137.3	-	-	-	-	-
	Certificates of Obligation	696.9	-	-	-	-	-
	Revenue Bond	30,485.1	44,640.7	-	-	-	-
	Total Currently Available:	75,769.3	79,064.8	36,204.9	-	-	36,204.9

RECOMMENDED ADDITIONAL FUNDING:

	Revenue Bond	0	0	24,268.70	10,956.7	3,698.1	38,923.50
	Future Funding Required	0	0	-	3,955.0	-	3,955.00
	Nueces County	0	0	3,800.00	-	-	3,800.00
	Texas Department of Transportation	-	-	-	4,080.0	-	4,080.0
	Total Funding Source:	75,769.3	79,064.8	64,273.6	18,991.7	3,698.1	86,963.4

PROJECT DESCRIPTION

Proposed Bond 2014 Proposition One: STREETS

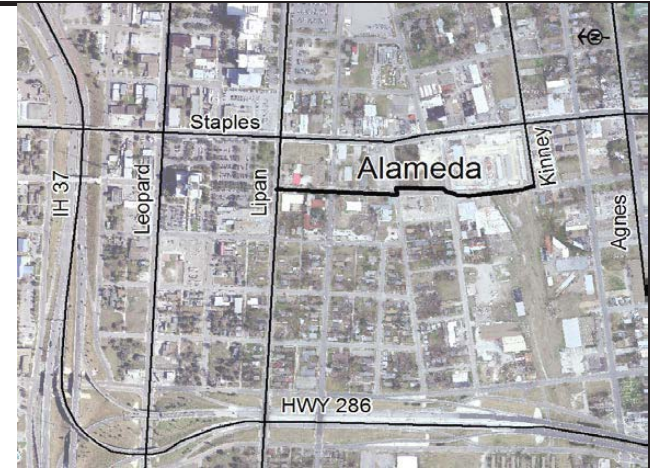
Sequence #01

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. Future bikeway requirements will require evaluation at the time of roadway design and shall conform to the City's adopted Comprehensive Plan and master plans. 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. **Design is scheduled to be at least 30% complete prior to City Council approval of a final ballot list. Construction will proceed only upon voter-approval of projects in a November 2014 General Obligation Bond Election.**



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:
STREETS	190.6	23.2					Capital Budget Project No: 14-001 Project Number: E13086 A/E Consultant: Lockwood, Andrews and Newman Award Design: January 2014 Contractor: Pending Award Construction: Pending Anticipated Completion: Pending Estimated Project Value: Pending
STORM WATER	69.5	-					
WASTEWATER	36.2	-					
WATER	33.4	-					
GAS	-	-					
TOTAL:	329.7	23.2					
Source of Funds							
Tax Notes	190.6	23.2					
Revenue Bonds	139.1	-					
TOTAL:	329.7	23.2					

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.

PROJECT DESCRIPTION

Proposed Bond 2014 Proposition One: **STREETS**

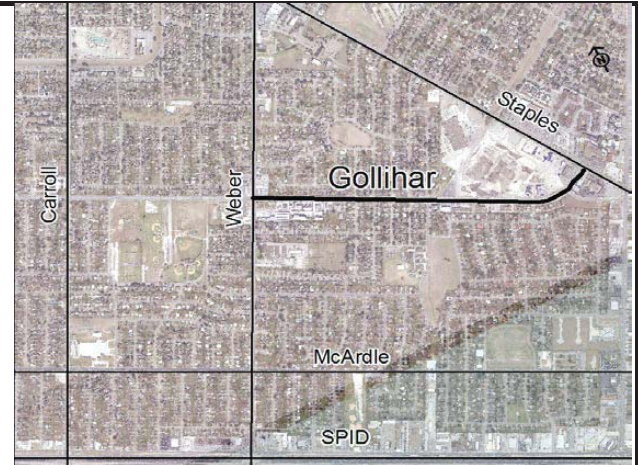
Sequence #02

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 anticipated 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. Requirements related to right-of-way, as well as the recommended roadway cross section will be determined during preliminary project design. **Design is scheduled to be at least 30% complete prior to City Council approval of a final ballot list. Construction will proceed only upon voter-approval of projects in a November 2014 General Obligation Bond Election.**



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:
STREETS	558.3	542.8					Capital Budget Project No: 14-002 Project Number: E13087 A/E Consultant: Naismith Engineering Award Design: January 2014 Contractor: Pending Award Construction: Pending Anticipated Completion: Pending Estimated Project Value: Pending
STORM WATER	385.7	-					
WASTEWATER	82.1	-					
WATER	148.7	-					
GAS	30.8	-					
TOTAL:	1,205.6	542.8					
Source of Funds							
Tax Notes	558.3	542.8					
Revenue Bonds	647.3	-					
TOTAL:	1,205.6	542.8					

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.

PROJECT DESCRIPTION

Proposed Bond 2014 Proposition One: STREETS

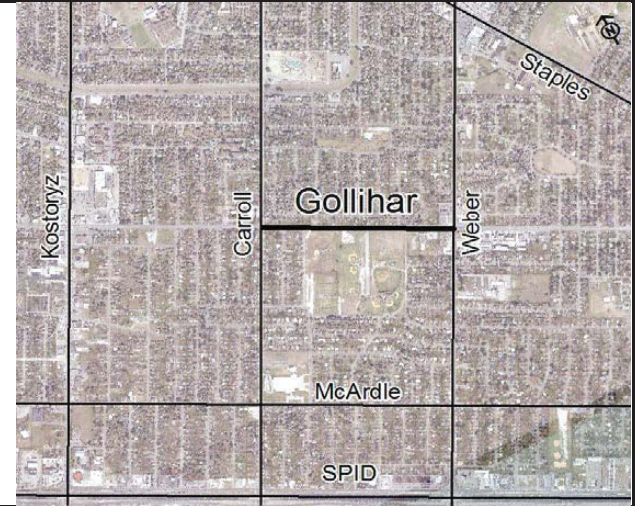
Sequence #03

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. The new roadway cross-section will be determined during project design. 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 manholes and bike lanes. **Design is scheduled to be at least 30% complete prior to City Council approval of a final ballot list. Construction will proceed only upon voter-approval of projects in a November 2014 General Obligation Bond Election.**



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:
STREETS	337.9	255.5					Capital Budget Project No: 14-003 Project Number: E13088 A/E Consultant: RVE, Inc. Award Design: February 2014 Contractor: Pending Award Construction: Pending Anticipated Completion: Pending Estimated Project Value: Pending
STORM WATER	600.4	-					
WASTEWATER	40.5	-					
WATER	32.4	-					
GAS	8.1	-					
TOTAL:	1,019.3	255.5					
Source of Funds							
Tax Notes	337.9	255.5					
Revenue Bonds	681.4	-					
TOTAL:	1,019.3	255.5					

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.

PROJECT DESCRIPTION

<p>Proposed Bond 2014 Proposition One: STREETS Sequence #04</p> <p>PROJECT TITLE: Gollihar Road - Carroll Lane to Kostoryz Road</p> <p><i>Consistency with the Comprehensive Plan; Policy Statements pp. 25-32; Transportation Master Plan</i></p> <p>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. The new roadway cross-section will be determined during project design. 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. Design is scheduled to be at least 30% complete prior to City Council approval of a final ballot list. Construction will proceed only upon voter-approval of projects in a November 2014 General Obligation Bond Election.</p>	
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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:
STREETS	339.6	252.3					Capital Budget Project No: 14-004 Project Number: E13089 A/E Consultant: RVE, Inc. Award Design: February 2014 Contractor: Pending Award Construction: Pending Anticipated Completion: Pending Estimated Project Value: Pending
STORM WATER	600.4	-					
WASTEWATER	40.5	-					
WATER	32.4	-					
GAS	8.1	-					
TOTAL:	1,021.0	252.3					
Source of Funds							
Tax Notes	339.6	252.3					
Revenue Bonds	681.4	-					
TOTAL:	1,021.0	252.3					

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.

PROJECT DESCRIPTION

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. **Design is scheduled to be at least 30% complete prior to City Council approval of a final ballot list. Construction will proceed only upon voter-approval of projects in a November 2014 General Obligation Bond Election.**




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:
STREETS	291.2	228.1					Capital Budget Project No: 14-005 Project Number: E13090 A/E Consultant: Coym, Rehmet & Gutierrez Engineering Award Design: January 2014 Contractor: Pending Award Construction: Pending Anticipated Completion: Pending Estimated Project Value: Pending
STORM WATER	141.5	-					
WASTEWATER	73.5	-					
WATER	67.9	-					
GAS		-					
TOTAL:	574.1	228.1					
Source of Funds							
Tax Notes	291.2	228.1					
Revenue Bonds	282.9	-					
TOTAL:	574.1	228.1					

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.

PROJECT DESCRIPTION

<p>Proposed Bond 2014 Proposition One: STREETS</p> <p style="text-align: right;">Sequence #06</p> <p>PROJECT TITLE: Corona Drive - Flynn Parkway to Everhart Road</p> <p><i>Consistency with the Comprehensive Plan; Policy Statements pp. 25-32; Transportation Master Plan</i></p> <p>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. The proposed roadway classification and roadway width will be determined upon evaluation of the existing roadway. The anticipated roadway improvements include curb and gutter, sidewalks, ADA curb ramps, RTA bus stop shelter and stop pad, pavement markings, signing, bike lanes, illumination, and traffic signals. This contract also includes a schematic design and evaluation for the re-alignment of Corona Drive, Flynn Parkway, and Tiger Lane intersection to be included in the Engineering Letter Report. Design is scheduled to be at least 30% complete prior to City Council approval of a final ballot list. Construction will proceed only upon voter-approval of projects in a November 2014 General Obligation Bond Election.</p>	
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FUNDING SCHEDULE (Amounts in 000's)							PROJECT NOTES:
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	
STREETS	315.3						Capital Budget Project No: 14-006 Project Number: E13091 A/E Consultant: Govind Development Award Design: January 2014 Contractor: Pending Award Construction: Pending Anticipated Completion: Pending Estimated Project Value: Pending
STORM WATER	126.6						
WASTEWATER	54.6						
WATER	50.4						
GAS							
TOTAL:	546.9						
Source of Funds							
Tax Notes	315.3						
Revenue Bonds	231.6						
TOTAL:	546.9						

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 DESCRIPTION

Proposed Bond 2014 Proposition One: STREETS

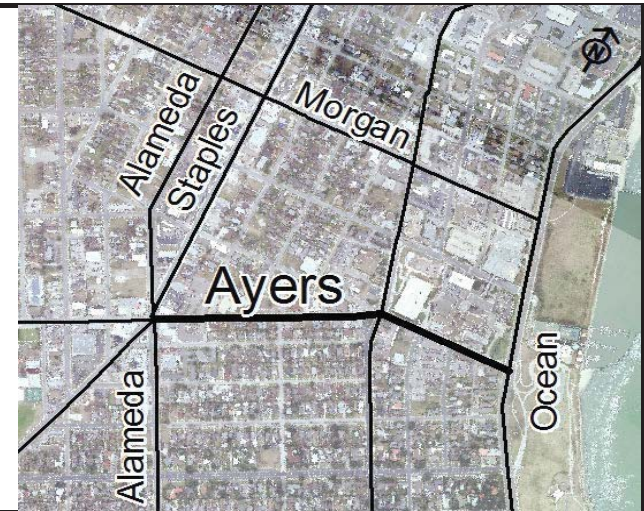
Sequence #07

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. These limits involve the existing right-of-way plus acquired parcels of right-of-way to facilitate the proposed improvements. The anticipated 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. Recommended roadway cross-section will be determined during preliminary project design. **Design is scheduled to be at least 30% complete prior to City Council approval of a final ballot list. Construction will proceed only upon voter-approval of projects in a November 2014 General Obligation Bond Election.**



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:
STREETS	480.2	149.6					Capital Budget Project No: 14-007 Project Number: E13092 A/E Consultant: Freese & Nichols Award Design: February 2014 Contractor: Pending Award Construction: Pending Anticipated Completion: Pending Estimated Project Value: Pending
STORM WATER	163.4	-					
WASTEWATER	97.1	-					
WATER	78.4	-					
GAS	-	-					
TOTAL:	819.1	149.6					
Source of Funds							
Tax Notes	480.2	149.6					
Revenue Bonds	338.9						
TOTAL:	819.1	149.6					

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 DESCRIPTION

Proposed Bond 2014 Proposition One: STREETS

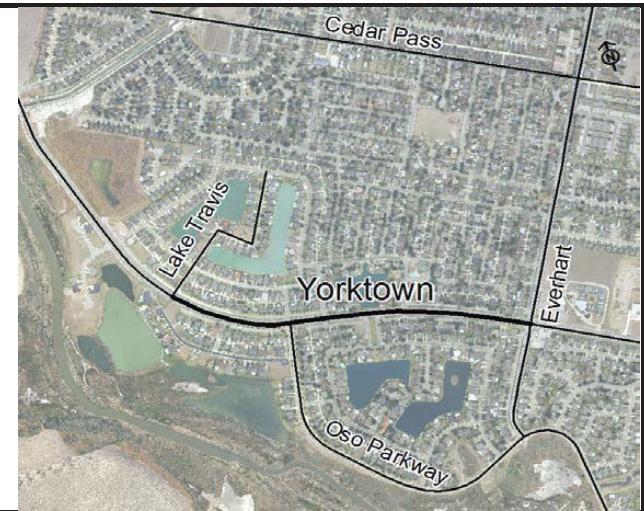
Sequence #08

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 six lane roadway. 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 curb and gutter, sidewalks, 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. **Design is scheduled to be at least 30% complete prior to City Council approval of a final ballot list. Construction will proceed only upon voter-approval of projects in a November 2014 General Obligation Bond Election.**



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:
STREETS	516.7	114.6					Capital Budget Project No: 14-008 Project Number: E13093 A/E Consultant: LNV, Inc. Award Design: January 2014 Contractor: Pending Award Construction: Pending Anticipated Completion: Pending Estimated Project Value: Pending
STORM WATER	251.5	-					
WASTEWATER	129.8	-					
WATER	107.5	-					
GAS	-	-					
TOTAL:	1,005.5	114.6					
Source of Funds							
Tax Notes	516.7	114.6					
Revenue Bonds	488.8						
TOTAL:	1,005.5	114.6					

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 DESCRIPTION

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 anticipated construction work consists of reconstruction of the roadway, replacement of water and wastewater lines, storm sewer, traffic signal at Elizabeth, reconstruction of curb and gutter, sidewalks / driveways, and reconstruction of ADA accessible ramps. **Design is scheduled to be at least 30% complete prior to City Council approval of a final ballot list. Construction will proceed only upon voter-approval of projects in a November 2014 General Obligation Bond Election.**



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:
STREETS	385.4	62.6					Capital Budget Project No: 14-009 Project Number: E13094 A/E Consultant: HDR Engineering Award Design: January 2014 Contractor: Pending Award Construction: Pending Anticipated Completion: Pending Estimated Project Value: Pending
STORM WATER	149.9	-					
WASTEWATER	155.9	-					
WATER	71.9	-					
GAS	-	-					
TOTAL:	763.1	62.6					
Source of Funds							
Tax Notes	385.4	62.6					
Revenue Bonds	377.7	-					
TOTAL:	763.1	62.6					

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 DESCRIPTION

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. 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 will be determined during preliminary project design. **Design is scheduled to be at least 30% complete prior to City Council approval of a final ballot list. Construction will proceed only upon voter-approval of projects in a November 2014 General Obligation Bond Election.**



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:
STREETS	325.0	123.0					Capital Budget Project No: 14-010 Project Number: E13095 A/E Consultant: LNV, Inc. Award Design: February 2014 Contractor: Pending Award Construction: Pending Anticipated Completion: Pending Estimated Project Value: Pending
STORM WATER	151.1	-					
WASTEWATER	70.8	-					
WATER	65.3	-					
GAS	-	-					
TOTAL:	612.2	123.0					
Source of Funds							
Tax Notes	325.0	123.0					
Revenue Bonds	287.2	-					
TOTAL:	612.2	123.0					

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 DESCRIPTION

Proposed Bond 2014 Proposition One: **STREETS**

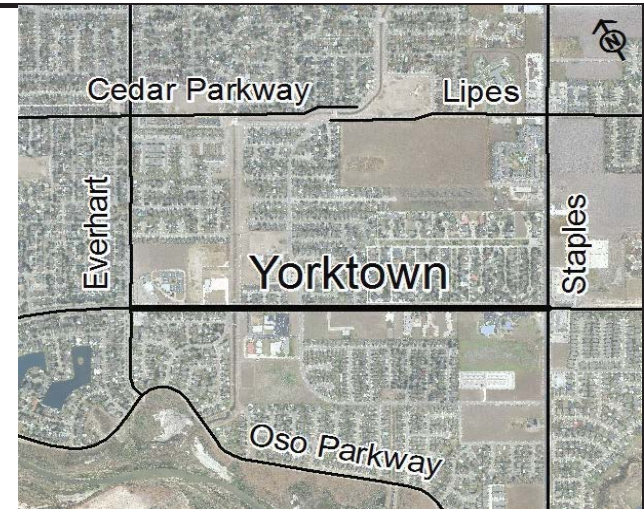
Sequence #11

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. Requirements related to right-of-way, as well as the recommended roadway cross section will be determined during preliminary project design. **Design is scheduled to be at least 30% complete prior to City Council approval of a final ballot list. Construction will proceed only upon voter-approval of projects in a November 2014 General Obligation Bond Election.**



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:
STREETS	612.8	358.8					Capital Budget Project No: 14-011 Project Number: E13096 A/E Consultant: Freese & Nichols Award Design: February 2014 Contractor: Pending Award Construction: Pending Anticipated Completion: Pending Estimated Project Value: Pending
STORM WATER	186.8	-					
WASTEWATER	111.1	-					
WATER	89.7	-					
GAS	-	-					
TOTAL:	1,000.4	358.8					
Source of Funds							
Tax Notes	612.8	358.8					
Revenue Bonds	387.6	-					
TOTAL:	1,000.4	358.8					

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.

PROJECT DESCRIPTION

Proposed Bond 2014 Proposition One: **STREETS**

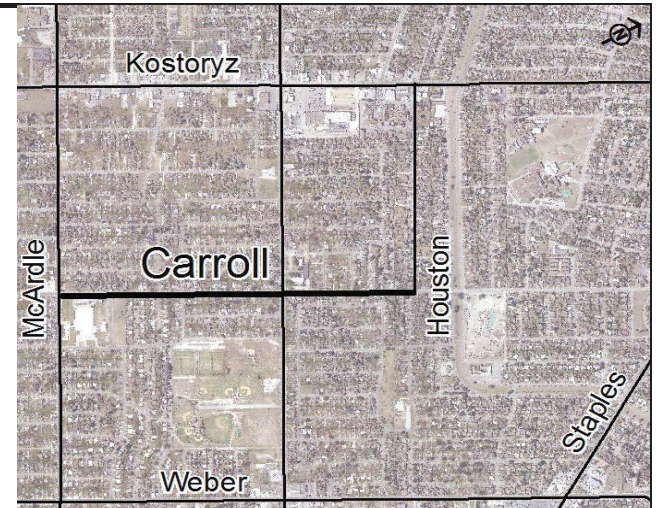
Sequence #12

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 anticipated 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 determined during preliminary project design. **Design is scheduled to be at least 30% complete prior to City Council approval of a final ballot list. Construction will proceed only upon voter-approval of projects in a November 2014 General Obligation Bond Election.**



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:
STREETS	277.3	63.1					Capital Budget Project No: 14-012 Project Number: E13097 A/E Consultant: Martinez, Guy & Maybik, Inc. Award Design: January 2014 Contractor: Pending Award Construction: Pending Anticipated Completion: Pending Estimated Project Value: Pending
STORM WATER	124.3	-					
WASTEWATER	61.8	-					
WATER	56.6	-					
GAS	-	-					
TOTAL:	520.0	63.1					
Source of Funds							
Tax Notes	277.3	63.1					
Revenue Bonds	242.7	-					
TOTAL:	520.0	63.1					

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.

PROJECT DESCRIPTION

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 plus acquired parcels of right-of-way to facilitate the proposed improvements. The anticipated construction consists of 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 determined during preliminary project design. **Design is scheduled to be at least 30% complete prior to City Council approval of a final ballot list. Construction will proceed only upon voter-approval of projects in a November 2014 General Obligation Bond Election.**



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:
STREETS	305.6	82.7					Capital Budget Project No: 14-013 Project Number: E13098 A/E Consultant: CH2M Hill Award Design: April 2014
STORM WATER	127.5	-					
WASTEWATER	66.3	-					
WATER	61.2	-					
GAS	-	-					
TOTAL:	560.6	82.7					
Source of Funds							Contractor: Pending Award Construction: Pending Anticipated Completion: Pending Estimated Project Value: Pending
Tax Notes	305.6	82.7					
Revenue Bonds	255.0						
TOTAL:	560.6	82.7					

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.

PROJECT DESCRIPTION

Proposed Bond 2014 Proposition One: **STREETS**

Sequence #14

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 (as required), ADA curb-ramps and pavement marking. Utility improvements include underground storm water, water distribution and sanitary sewer system, and various franchise utility relocations (as required). Future bikeway requirements will require evaluation at the time of design and shall conform to the adopted Bikeway Plan of the UTMP/ICSP. **Design is scheduled to be at least 30% complete prior to City Council approval of a final ballot list. Construction will proceed only upon voter-approval of projects in a November 2014 General Obligation Bond Election.**



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:
STREETS	383.3	140.4					Capital Budget Project No: 14-014 Project Number: E13099 A/E Consultant: Urban Engineering Award Design: January 2014 Contractor: Pending Award Construction: Pending Anticipated Completion: Pending Estimated Project Value: Pending
STORM WATER	164.7	-					
WASTEWATER	85.6	-					
WATER	79.0	-					
GAS	-	-					
TOTAL:	712.6	140.4					
Source of Funds							
Tax Notes	383.3	140.4					
Revenue Bonds	329.3	-					
TOTAL:	712.6	140.4					

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.

PROJECT DESCRIPTION

Proposed Bond 2014 Proposition One: STREETS

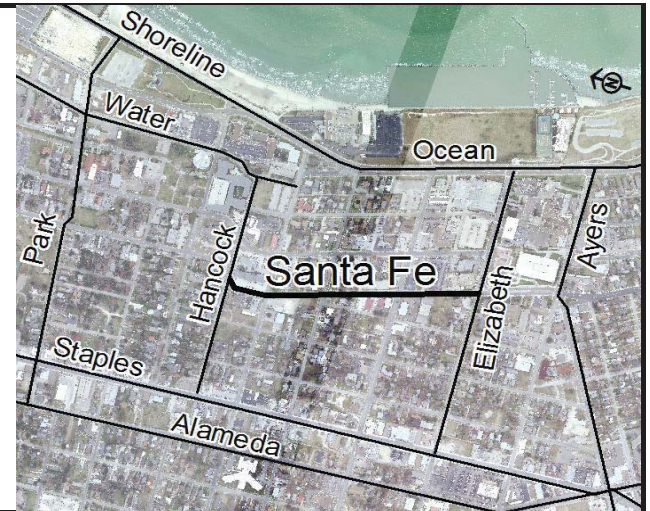
Sequence #15

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 reconstruction with curb and gutter. Other improvements include replacing existing water, wastewater and storm water lines; replacing storm water inlets and manholes; improvements to existing traffic signals; evaluation of traffic signal timing at Third Street and Elizabeth; replacing existing sidewalks, ADA ramps; driveways; reconstruction of bus pads to meet RTA standards; signs and pavement markings; relocation of AEP power poles as necessary; relocation of private underground utilities as necessary. Final roadway cross-section will be determined during project design. **Design is scheduled to be at least 30% complete prior to City Council approval of a final ballot list. Construction will proceed only upon voter-approval of projects in a November 2014 General Obligation Bond Election.**



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:
STREETS	204.1						Capital Budget Project No: 14-015 Project Number: E13100 A/E Consultant: Maverick Engineering Award Design: February 2014 Contractor: Pending Award Construction: Pending Anticipated Completion: Pending Estimated Project Value: Pending
STORM WATER	69.3						
WASTEWATER	36.0						
WATER	33.0						
GAS	-						
TOTAL:	342.4						
Source of Funds							
Tax Notes	204.1						
Revenue Bonds	138.3						
TOTAL:	342.4						

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.

PROJECT DESCRIPTION

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 (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. **Design and construction will proceed only upon voter-approval of projects in a November 2014 General Obligation Bond Election.**



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:
STREETS STORM WATER WASTEWATER WATER GAS	1.9	78.1					Capital Budget Project No: 14-016 Project Number: E13101 A/E Consultant: TBD Award Design: TBD
TOTAL:	1.9	78.1					
Source of Funds							Contractor: Pending
Tax Notes Revenue Bonds	1.9	78.1					Award Construction: Pending Anticipated Completion: Pending
TOTAL:	1.9	78.1					Estimated Project Value: \$1,100,000

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 DESCRIPTION

Bond 2012 Proposition One: STREETS

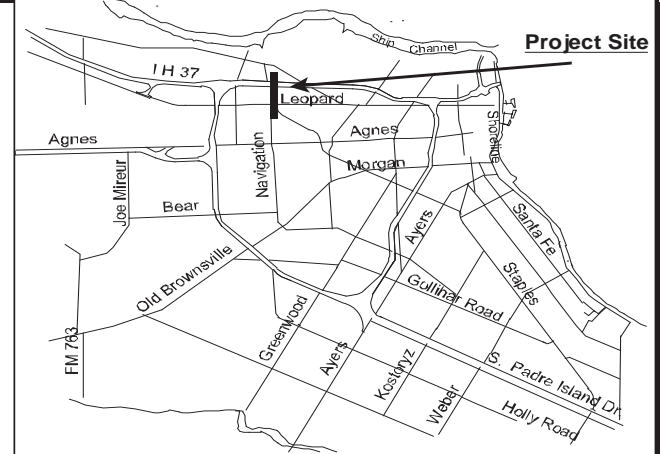
Sequence #17

PROJECT TITLE: Navigation Boulevard - Up River Road to Leopard 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 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, and pavement markings.



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:
STREETS	543.9	5,757.7	1,000.0	-		1,000.0	Capital Budget Project No: 13-001
STORM WATER	211.6	2,743.3	3,000.0	1,118.0		4,118.0	Engineering Project No: E12090
WASTEWATER	55.1	1,936.4	567.5	-		567.5	Finance Project No: E12090
WATER	65.0	390.6	421.4	-		421.4	
GAS	6.0	91.8	77.0	-		77.0	A/E Consultant: LNV, Inc.
TOTAL:	881.6	10,919.8	5,065.9	1,118.0		6,183.9	Contractor: Reytec
Source of Funds							Award Design: January 2013
Bond Issue 2012	543.9	5,757.7	1,000.0	-		1,000.0	Award Construction: July 2014
Revenue Bond	337.7	5,162.1	4,065.9	1,118.0		5,183.9	Anticipated Completion: February 2016
TOTAL:	881.6	10,919.8	5,065.9	1,118.0		6,183.9	Total Project Value: \$17,985,300

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 DESCRIPTION

<p>Bond 2012 Proposition One: STREETS</p> <p style="text-align: right;">Sequence #18</p> <p>PROJECT TITLE: <u>South Alameda Street - Ayers Street to Louisiana Avenue</u></p> <p><i>Consistency with the Comprehensive Plan; Policy Statements pp. 25-32; Transportation Master Plan</i></p> <p>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 to conform to the A-1 Arterial designation of the current UTMP. Other street improvements include sidewalks, ADA ramps, curb and gutters, bus stop rehabilitation and pavement markings and bike lane. Future bikeway requirements will require evaluation at the time of roadway design and shall conform to the adopted Bikeway Plan of the UTMP/ICSP.</p>	<p style="text-align: right;">Project Site</p>
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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:
STREETS	327.7	1,393.9	575.0			575.0	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: March 2015 Anticipated Completion: July 2016 Total Project Value: \$5,314,800
STORM WATER	166.1	1,463.9	-			-	
WASTEWATER	32.3	158.0	320.0			320.0	
WATER	37.0	187.0	565.0			565.0	
GAS	10.3	17.6	61.0			61.0	
TOTAL:	573.4	3,220.4	1,521.0			1,521.0	
Source of Funds							
Bond Issue 2012	327.7	1,393.9	575.0			575.0	
Revenue Bond	245.7	1,826.5	946.0			946.0	
TOTAL:	573.4	3,220.4	1,521.0			1,521.0	

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 DESCRIPTION

Bond 2012 Proposition One: STREETS

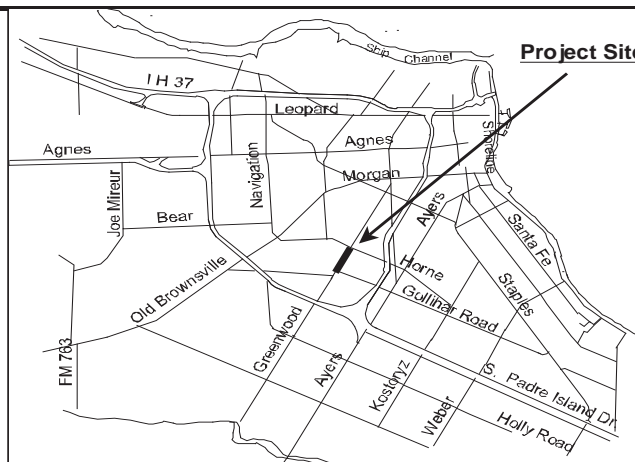
Sequence #19

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 and widening the existing five lane roadway (four travel lanes, continuous center left turn lane and bike lanes). The existing travel lanes will be widened and reconstructed to meet the requirements of the UTMP A-1 Arterial designation. Other street improvements include curb and gutter, sidewalks, ADA curb ramps, lane striping and pavement markings, and bus stop rehabilitation.



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:
STREETS	221.9	1,349.7	525.0			525.0	Capital Budget Project No: 13-003
STORM WATER	111.1	691.9	219.0			219.0	Engineering Project No: E12092
WASTEWATER	40.5	133.0	131.0			131.0	Finance Project No: E12092
WATER	46.2	158.7	178.0			178.0	A/E Consultant: Govind, Dev.
GAS	0.1	46.9	30.0			30.0	Contractor: TBD
TOTAL:	419.8	2,380.2	1,083.0			1,083.0	Award Design: January 2013
Source of Funds							Award Construction: September '14
Bond Issue 2012	221.9	1,349.7	525.0			525.0	Anticipated Completion: August 2015
Revenue Bond	197.9	1,030.5	558.0			558.0	Total Project Value: \$3,883,000
TOTAL:	419.8	2,380.2	1,083.0			1,083.0	

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 DESCRIPTION

Bond 2012 Proposition One: STREETS

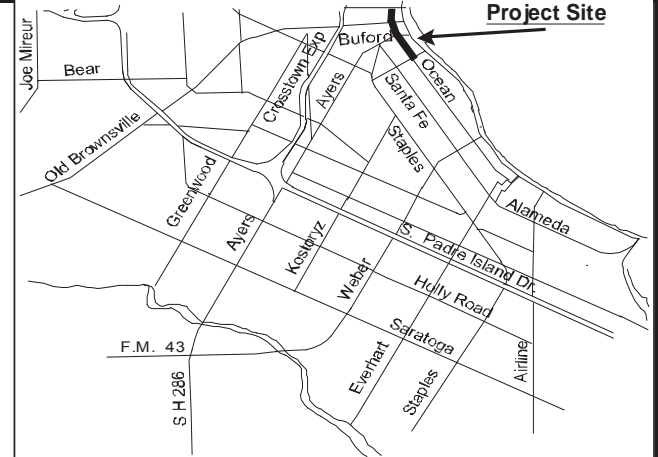
Sequence #20

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.



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:
STREETS	568.9	2,177.7	2,750.0	-	-	2,750.0	Capital Budget Project No: 13-004
STORM WATER	227.3	669.0	-	700.0	-	700.0	Engineering Project No: E12093
WASTEWATER	49.6	143.9	-	75.0	50.0	125.0	Finance Project No: E12093
WATER	58.2	170.0	-	800.0	238.0	1,038.0	A/E Consultant: Freese Nichols
GAS	4.0	15.0	-	-	-	-	Contractor: TBD
TOTAL:	908.0	3,175.6	2,750.0	1,575.0	288.0	4,613.0	Award Design: January 2013
Source of Funds							Award Construction: January 2015
Bond Issue 2012	568.9	2,177.7	2,750.0	-	-	2,750.0	Anticipated Completion: December '16
Revenue Bond	339.1	997.9	-	1,575.0	288.0	1,863.0	Total Project Value: \$8,696,600
TOTAL:	908.0	3,175.6	2,750.0	1,575.0	288.0	4,613.0	

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 DESCRIPTION

<p>Bond 2012 Proposition One: STREETS Sequence #21</p> <p>PROJECT TITLE: <u>Tuloso Road - Interstate Highway 37 to Leopard Street</u></p> <p><i>Consistency with the Comprehensive Plan; Policy Statements pp. 25-32; Transportation Master Plan</i></p> <p>DESCRIPTION: This project includes full-depth repair and widening the existing two lane rural roadway to three lane 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.</p>	<p>Project Site</p>
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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:
STREETS	251.6	1,545.1	-			-	Capital Budget Project No: 13-005 Engineering Project No: E12094 Finance Project No: E12094 A/E Consultant: MEI Maverick Contractor: TBD Award Design: January 2013 Award Construction: January 2015 Anticipated Completion: August 2015
STORM WATER	52.5	868.6	-			-	
WASTEWATER	26.3	172.2	256.0			256.0	
WATER	26.4	208.0	-			-	
GAS	4.5	19.8	282.0			282.0	
TOTAL:	361.3	2,813.7	538.0			538.0	Contractor: TBD
Source of Funds							
Bond Issue 2012	251.6	1,545.1	-			-	Award Design: January 2013 Award Construction: January 2015 Anticipated Completion: August 2015
Revenue Bond	109.7	1,268.6	538.0			538.0	
TOTAL:	361.3	2,813.7	538.0			538.0	

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 DESCRIPTION

Bond 2012 Proposition One: **STREETS**

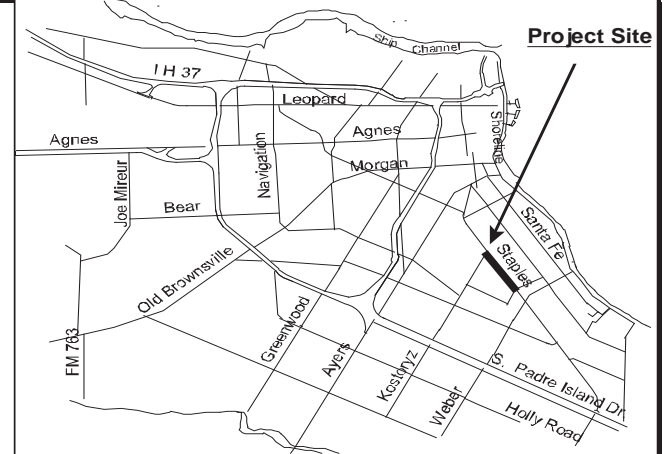
Sequence #22

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 and bus stop rehabilitation.



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:
STREETS	459.5	1,237.2	1,700.0	-	-	1,700.0	Capital Budget Project No: 13-006
STORM WATER	212.5	65.0	1,700.0	1,000.0	106.0	2,806.0	Engineering Project No: E12095
WASTEWATER	45.8	141.1	700.0	100.0	28.0	828.0	Finance Project No: E12095
WATER	54.2	166.8	600.0	70.0	27.0	697.0	
GAS	4.2	33.8	-	-	-	-	A/E Consultant: Freese Nichols
TOTAL:	776.2	1,643.9	4,700.0	1,170.0	161.0	6,031.0	Contractor: TBD
Source of Funds							Award Design: January 2013
Bond Issue 2012	459.5	1,237.2	1,700.0	-	-	1,700.0	Award Construction: January 2015
Revenue Bond	316.7	406.7	3,000.0	1,170.0	161.0	4,331.0	Anticipated Completion: October 2016
TOTAL:	776.2	1,643.9	4,700.0	1,170.0	161.0	6,031.0	Total Project Value: \$8,451,100

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.

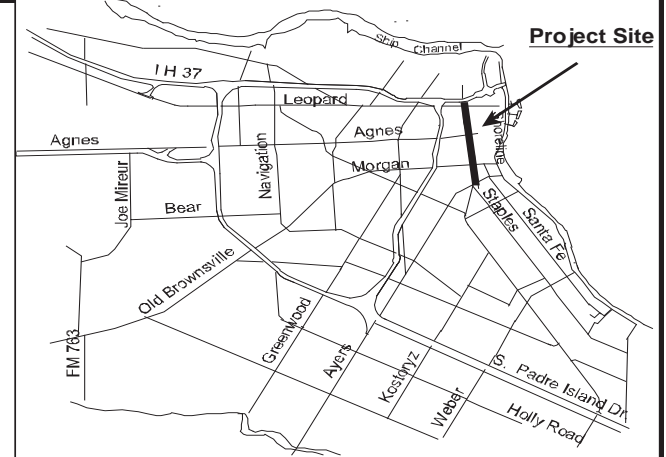
PROJECT DESCRIPTION

Bond 2012 Proposition One: STREETS Sequence #23

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 includes full-depth repair of the existing four lane roadway. Other improvements may include adjustments to accommodate recently improved curb and gutter, sidewalks, ADA curb ramps, pavement markings and bus stop rehabilitation, which is consistent with the UTMP. Future bikeway requirements will require evaluation at the time of roadway design and shall conform to the adopted Bikeway Plan of the UTMP/ICSP.



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:
STREETS	424.0	2,222.6	2,650.0	-		2,650.0	Capital Budget Project No: 13-007
STORM WATER	125.3	1,226.7	400.0	384.0		784.0	Engineering Project No: E12096
WASTEWATER	73.0	219.0	1,400.0	261.0		1,661.0	Finance Project No: E12096
WATER	86.0	258.0	-	-		-	
GAS	8.0	24.0	54.0	-		54.0	A/E Consultant: Nasimith Eng.
TOTAL:	716.3	3,950.3	4,504.0	645.0		5,149.0	Contractor: TBD
Source of Funds							Award Design: January 2013
Bond Issue 2012	424.0	2,222.6	2,650.0	-		2,650.0	Award Construction: February 2015
Revenue Bond	292.3	1,727.7	1,854.0	645.0		2,499.0	Anticipated Completion: January 2016
TOTAL:	716.3	3,950.3	4,504.0	645.0		5,149.0	Total Project Value: \$9,815,600

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.

PROJECT DESCRIPTION

Bond 2012 Proposition One: STREETS

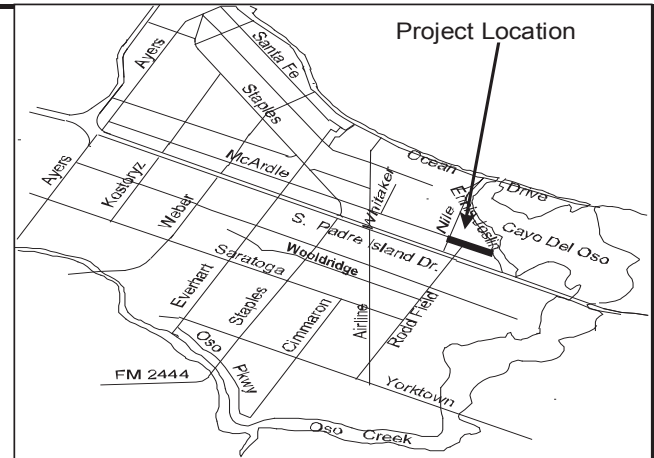
Sequence #24

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 accommodate recent improvement to area bus stops. 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 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:
STREETS	374.1	2,599.1	775.0	-		775.0	Capital Budget Project No: 13-008
STORM WATER	164.2	1,023.2	718.0	100.0		818.0	Engineering Project No: E12097
WASTEWATER	132.8	484.2	1,625.0	200.0		1,825.0	Finance Project No: E12097
WATER	44.4	322.5	700.0	350.0		1,050.0	
GAS	4.5	23.5	26.0	-		26.0	A/E Consultant: RVE, Inc.
TOTAL:	720.0	4,452.5	3,844.0	650.0		4,494.0	Contractor: Reytec
Source of Funds							Award Design: January 2013
Bond Issue 2012	374.1	2,599.1	775.0	-		775.0	Award Construction: March 2014
Revenue Bond	345.9	1,853.4	3,069.0	650.0		3,719.0	Anticipated Completion: September '15
TOTAL:	720.0	4,452.5	3,844.0	650.0		4,494.0	Total Project Value: \$9,666,500

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.

PROJECT DESCRIPTION

<p>Bond 2012 Proposition One: STREETS Sequence #25</p> <p>PROJECT TITLE: <u>McArdle Road - Whitaker Drive to Nile Drive</u></p> <p><i>Consistency with the Comprehensive Plan; Policy Statements pp. 25-32; Transportation Master Plan</i></p> <p>DESCRIPTION: This project includes a combination of full-depth repair and resurfacing the existing four lane roadway (C-3 collector) and widening the existing travel lanes to conform to the C-3 Collector designation on the current UTMP. Public safety improvements include sidewalk, curb and gutter, ADA curb ramps, lane striping and pavement markings, and bus stop rehabilitation. This project is being constructed with McArdle Road Phase 1 from Ennis Joslin to Nile to economize on cost and expedite construction. *Note: This project budget was amended to transfer \$651,654.15 to McArdle Road from Nile to Ennis Joslin. Additional funds will not have to be secured to complete this project.</p>	<p style="text-align: center;">Project Location</p>
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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:
STREETS	321.2	1,198.9	725.0			725.0	Capital Budget Project No: 13-009 Engineering Project No: E12098 Finance Project No: E12098 A/E Consultant: RVE, Inc. Contractor: Reytec Award Design: January 2013 Award Construction: March 2014 Anticipated Completion: September '15 Total Project Value: \$4,262,500
STORM WATER	115.8	995.6	-			-	
WASTEWATER	54.5	185.5	337.0			337.0	
WATER	42.7	240.3	-			-	
GAS	4.3	41.7	-			-	
TOTAL:	538.5	2,662.0	1,062.0			1,062.0	
Source of Funds							
Bond Issue 2012	321.2	1,198.9	725.0			725.0	
Revenue Bond	217.3	1,463.1	337.0			337.0	
TOTAL:	538.5	2,662.0	1,062.0			1,062.0	

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 DESCRIPTION

Bond 2012 Proposition One: STREETS

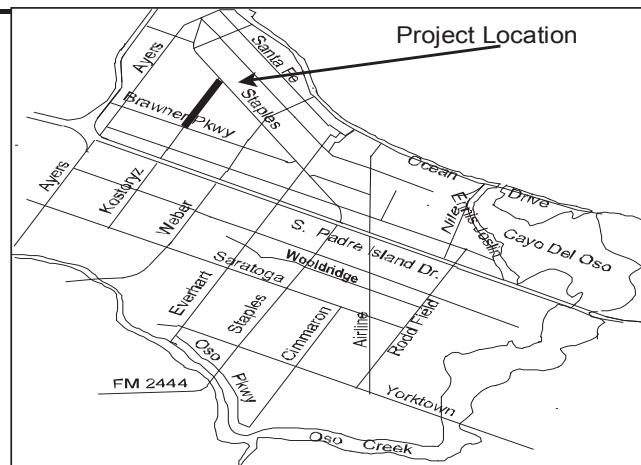
Sequence #26

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, and pavement markings.



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:
STREETS	372.7	1,273.9	1,650.0			1,650.0	Capital Budget Project No: 13-010 Engineering Project No: E12099 Finance Project No: E12099 A/E Consultant: Urban, Eng. Contractor: TBD Award Design: January 2013 Award Construction: October 2014 Anticipated Completion: December '15 Total Project Value: \$5,653,100
STORM WATER	151.6	689.4	771.0			771.0	
WASTEWATER	31.8	149.2	89.0			89.0	
WATER	37.1	176.0	229.4			229.4	
GAS	2.8	29.2	-			-	
TOTAL:	596.0	2,317.7	2,739.4			2,739.4	
Source of Funds							
Bond Issue 2012	372.7	1,273.9	1,650.0			1,650.0	
Revenue Bond	223.3	1,043.8	1,089.4			1,089.4	
TOTAL:	596.0	2,317.7	2,739.4			2,739.4	

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.

PROJECT DESCRIPTION

Bond 2012 Proposition One: STREETS

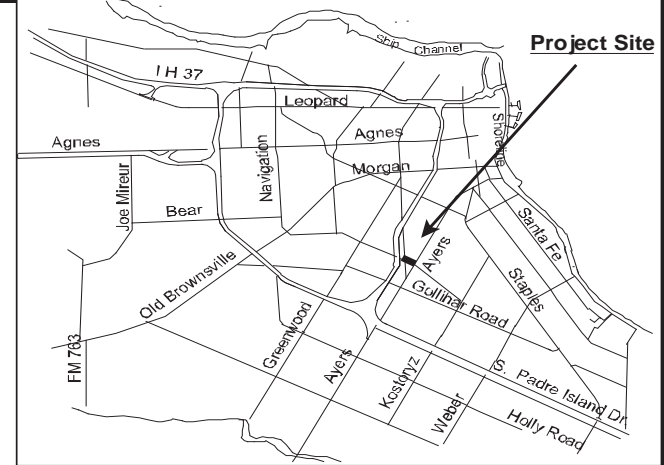
Sequence #27

PROJECT TITLE: Horne Road - Ayers Street to Port Avenue

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

DESCRIPTION:

This project includes full depth repair and widening the existing four-lane roadway with continuous left turn lane to meet the lane width requirements prescribed by the UTMP. Improvements will include curb and gutter, sidewalks, ADA curb ramps, pavement markings and bike lanes.



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:
STREETS	164.3	732.4	650.0			650.0	Capital Budget Project No: 13-011 Engineering Project No: E12100 Finance Project No: E12100 A/E Consultant: Nasmith, Eng. Contractor: Salinas Construction Award Design: January 2013 Award Construction: July 2014 Anticipated Completion: February 2015 Total Project Value: \$2,953,400
STORM WATER	35.5	423.3	-			-	
WASTEWATER	29.1	74.0	638.4			638.4	
WATER	30.9	89.1	48.2			48.2	
GAS	0.1	38.1	-			-	
TOTAL:	259.9	1,356.9	1,336.6			1,336.6	
Source of Funds							
Bond Issue 2012	164.3	732.4	650.0			650.0	
Revenue Bond	95.6	624.5	686.6			686.6	
TOTAL:	259.9	1,356.9	1,336.6			1,336.6	

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 DESCRIPTION

Bond 2012 Proposition One: STREETS

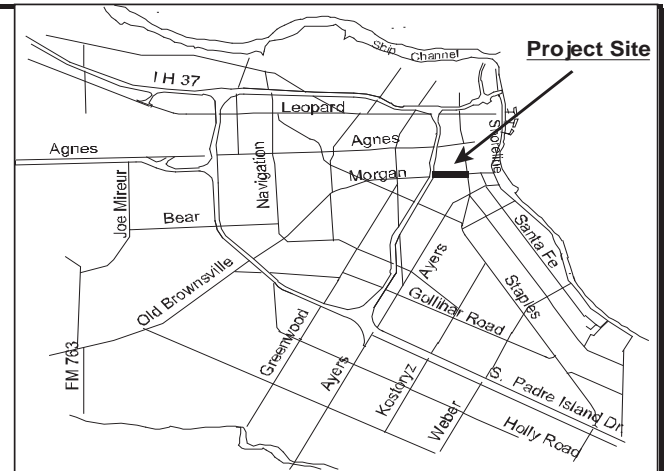
Sequence #28

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 curb and gutter, sidewalks, ADA curb ramps, pavement markings, and bus stop rehabilitation.



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:
STREETS	155.8	1,565.8	575.0	-		575.0	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: October 2014 Anticipated Completion: October 2015 Total Project Value: \$5,862,600
STORM WATER	229.8	650.2	1,600.0	124.0		1,724.0	
WASTEWATER	48.6	141.4	96.0	-		96.0	
WATER	58.6	166.4	348.0	75.0		423.0	
GAS	0.1	27.9	-	-		-	
TOTAL:	492.9	2,551.7	2,619.0	199.0		2,818.0	
Source of Funds							
Bond Issue 2012	155.8	1,565.8	575.0	-		575.0	
Revenue Bond	337.1	985.9	2,044.0	199.0		2,243.0	
TOTAL:	492.9	2,551.7	2,619.0	199.0		2,818.0	

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 DESCRIPTION

Bond 2012 Proposition One: STREETS

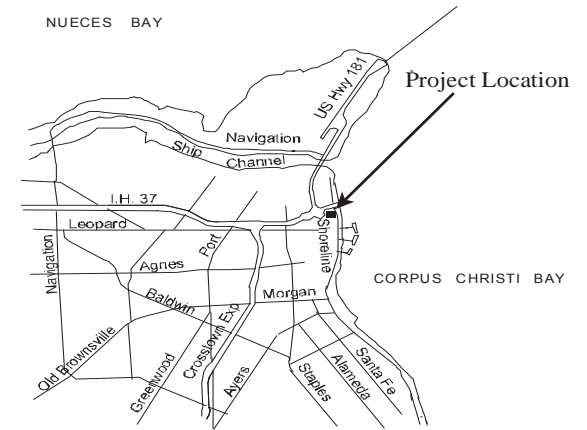
Sequence #29

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 repair 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 and area beautification. 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 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:
STREETS	207.3	15.0	-	1,174.4		1,174.4	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: \$4,082,000
STORM WATER	98.3	615.7	1,039.0			1,039.0	
WASTEWATER	36.3	119.0	421.0			421.0	
WATER	24.4	158.6	137.0			137.0	
GAS	5.0	20.0	11.0			11.0	
TOTAL:	371.3	928.3	1,608.0	1,174.4		2,782.4	
Source of Funds							
Bond Issue 2012	207.3	15.0	-			-	Award Construction: TBD
Revenue Bond	164.0	913.3	1,608.0			1,608.0	Anticipated Completion: TBD
Future Funding Required				1,174.4		1,174.4	
TOTAL:	371.3	928.3	1,608.0	1,174.4		2,782.4	

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.

PROJECT DESCRIPTION

Bond 2012 Proposition One: **STREETS**

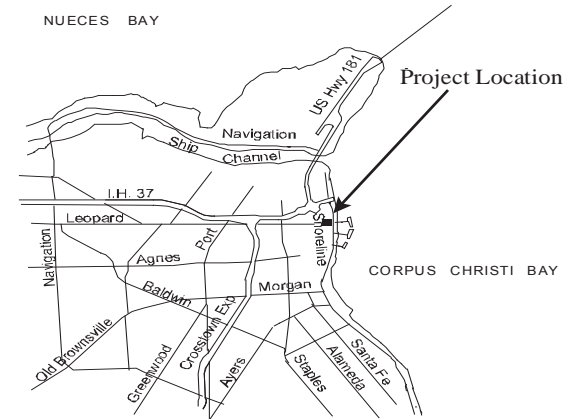
Sequence #30

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 repair 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, pavement markings, and bus stop rehabilitation. 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 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:
STREETS	371.5	-		2,225.1		2,225.1	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: \$4,820,100
STORM WATER	170.5	823.8	-			-	
WASTEWATER	43.2	171.0	166.0			166.0	
WATER	42.4	211.6	451.0			451.0	
GAS	4.0	15.0	125.0			125.0	
TOTAL:	631.6	1,221.4	742.0	2,225.1		2,967.1	
Source of Funds							
Bond Issue 2012	371.5	-	-			-	
Revenue Bond	260.1	1,221.4	742.0			742.0	
Future Funding Required				2,225.1		2,225.1	
TOTAL:	631.6	1,221.4	742.0	2,225.1		2,967.1	

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.

PROJECT DESCRIPTION

Bond 2012 Proposition One: STREETS

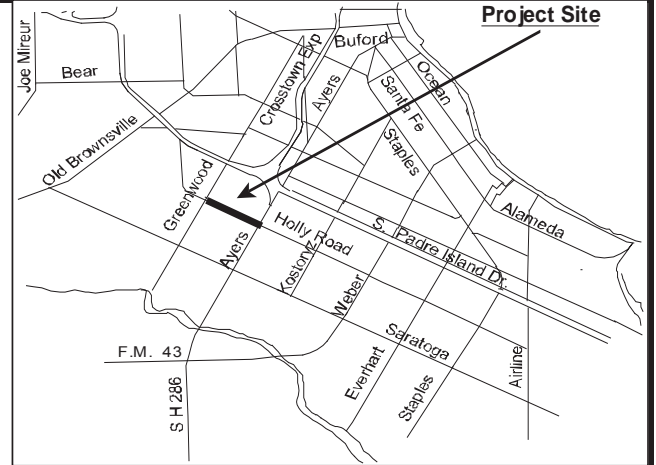
Sequence #31

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 Streets, street lighting and storm water. 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. *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 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:
STREETS	1,920.1	-	1,875.0	4,635.5	-	6,510.5	Capital Budget Project No: 13-015
STORM WATER	-	133.5	-	767.5	767.5	1,535.0	Engineering Project No: 6470
WASTEWATER	3.5	403.6	-	1,163.0	1,163.0	2,326.0	Finance Project No: 170371
WATER	-	600.5	-	1,302.6	1,302.6	2,605.2	A/E Consultant: LNV, Inc.
GAS	-	28.2	-	16.0	16.0	32.0	Contractor: TBD
TOTAL:	1,923.6	1,165.8	1,875.0	7,884.6	3,249.1	13,008.7	Award Design: August 2011
Source of Funds							Award Construction: December '15
Bond Issue 2008	1,303.9	-	-	-	-	-	Anticipated Completion: June 2017
Bond Issue 2012	69.4	-	1,875.0	-	-	1,875.0	Total Project Value: \$16,098,100
Revenue Bond	3.5	1,165.8	-	3,249.1	3,249.1	6,498.2	
Tx Department Of Transportation	546.8	-	-	4,080.0	-	4,080.0	
Future Funding Required	-	-	-	555.5	-	555.5	
TOTAL:	1,923.6	1,165.8	1,875.0	7,884.6	3,249.1	13,008.7	

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.

PROJECT DESCRIPTION

Bond 2012 Proposition One: STREETS	Sequence #32
PROJECT TITLE: <u>Williams Drive Phase 3 - South Staples Street to Airline Road</u>	
<i>Consistency with the Comprehensive Plan; Policy Statements pp. 25-32; Transportation Master Plan</i>	
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.	
Project Location	

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:
STREETS	1,112.1	846.6	4,610.0	-		4,610.0	Capital Budget Project No: 13-016 Engineering Project No: E11116 Finance Project No: E11116 A/E Consultant: RVE, Inc. Contractor: TBD Award Design: January 2012 Award Construction: October 2014 Anticipated Completion: February 2016 Total Project Value: \$11,096,800
STORM WATER	-	800.0	800.0	2,126.9		2,926.9	
WASTEWATER	3.0	147.0	250.0	-		250.0	
WATER	-	177.5	-	200.0		200.0	
GAS	-	-	-	23.7		23.7	
TOTAL:	1,115.1	1,971.1	5,660.0	2,350.6		8,010.6	
Source of Funds							
Bond Issue 2004	1,031.5	-	-	-		-	
Bond Issue 2008	80.2	-	-	-		-	
Bond Issue 2012	0.4	846.6	850.0	-		850.0	
Revenue Bond	3.0	1,124.5	1,050.0	2,350.6		3,400.6	
Tx Department Of Transportation	-	-	3,760.0	-		3,760.0	
TOTAL:	1,115.1	1,971.1	5,660.0	2,350.6		8,010.6	

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 DESCRIPTION

Bond 2012 Proposition One: STREETS

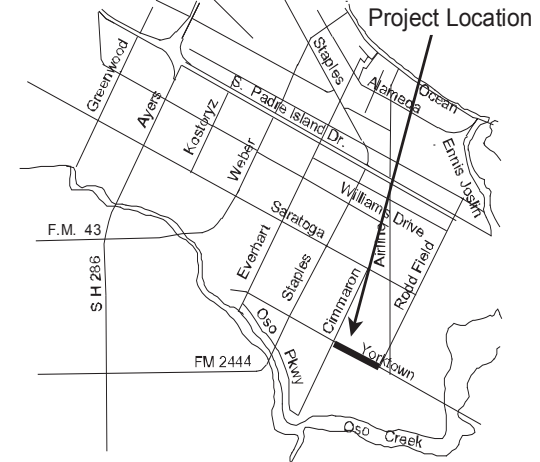
Sequence #33

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 will extend the improvements from Cimarron Road to Rodd Field Drive with full depth repair and capacity extension of the existing 2 lane roadway.



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:
STREETS	4,221.2	5.2				-	Capital Budget Project No: 13-017
STORM WATER	2,017.0	1,192.3				-	Engineering Project No: E10100
WASTEWATER	-	811.2				-	Finance Project No: E10100
WATER	372.4	315.5				-	
GAS	-	-				-	A/E Consultant: Freese Nichols
TOTAL:	6,610.6	2,324.2				-	Contractor: Bay, Ltd.
Source of Funds							Award Design: August 2010
Bond Issue 2004 Reserves	81.0	-				-	Award Construction: March 2013
Bond Issue 2008 Reserves	356.6	-				-	Anticipated Completion: October 2014
Bond Issue 2012	3,783.6	5.2				-	
Revenue Bond	2,389.4	2,319.0				-	
TOTAL:	6,610.6	2,324.2				-	Total Project Value: \$8,934,800

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.

PROJECT DESCRIPTION

Bond 2012 Proposition One: **STREETS**

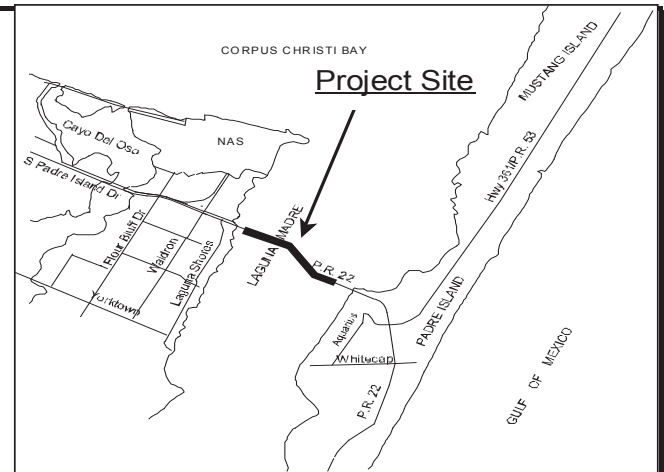
Sequence #34

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 west and east 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. Currently, project design has been completed and the project is pending a United States Army Corps of Engineers permit.



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:
STREETS	101.9	385.6	162.0			162.0	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: TBD Anticipated Completion: TBD Total Project Value: \$1,798,900
STORM WATER	1.0	64.6	-			-	
WASTEWATER	9.2	44.0	470.0			470.0	
WATER	70.5	350.1	140.0			140.0	
GAS	-	-	-			-	
TOTAL:	182.6	844.3	772.0			772.0	
Source of Funds							
Bond Issue 2012	101.9	385.6	162.0			162.0	
Revenue Bond	80.7	458.7	610.0			610.0	
TOTAL:	182.6	844.3	772.0			772.0	

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.

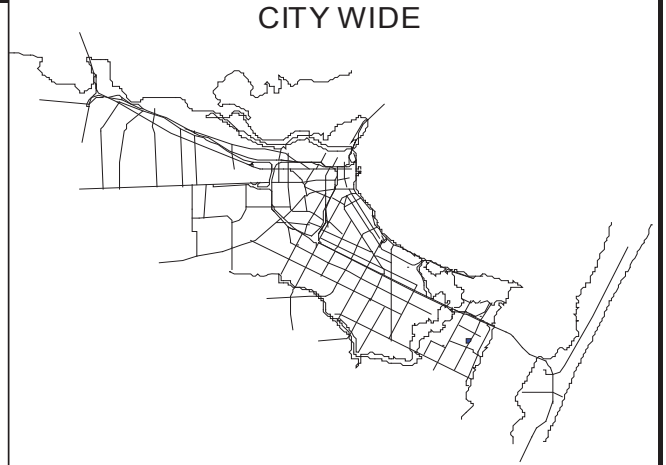
PROJECT DESCRIPTION

Bond 2012 Proposition One: STREETS Sequence #35

PROJECT TITLE: ADA Master Plan Improvements

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 (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 as Phase 1 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 or as required for compliance along streets being improved as part of the Street Preventative Maintenance Program.



FUNDING SCHEDULE (Amounts in 000's)

Use of Funds	Project-to-Date Obligations as of April 2014	Prior Fiscal Year Unspent Budget	CIP Budget Year 1 2014 - 2015	Year 2 2015 - 2016	Year 3 2016 - 2017	Three Year Total	PROJECT NOTES:
STREETS STORM WATER WASTEWATER WATER GAS	1,725.0	-	575.0			575.0	Capital Budget Project No: 13-018 Engineering Project No: E12104 Finance Project No: E12104 A/E Consultant: C2HMHill
TOTAL:	1,725.0	-	575.0			575.0	Contractor: TBD
Source of Funds							Award Design: March 2013
Bond Issue 2012	1,725.0	-	575.0			575.0	Award Construction: Various Anticipated Completion: Various
TOTAL:	1,725.0	-	575.0			575.0	Total Project Value: \$2,300,000

OPERATIONAL IMPACT:

There is no direct operational budget impact, but this project will keep the City in compliance with ADA requirements and improve public safety.

PROJECT DESCRIPTION

Bond 2012 Proposition One: STREETS

Sequence #36

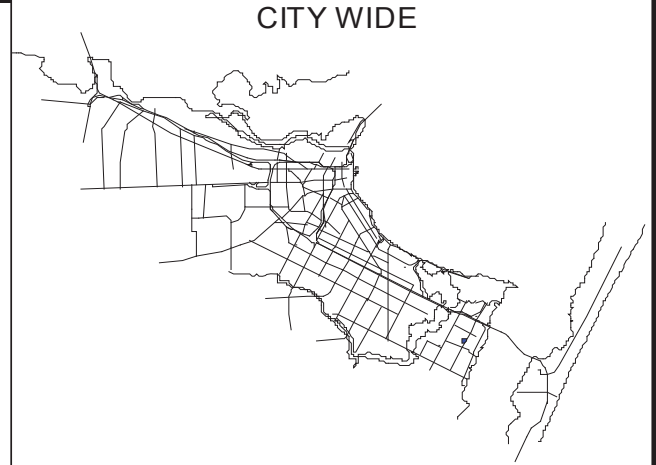
CITY WIDE

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 as of April 2014	Prior Fiscal Year Unspent Budget	CIP Budget Year 1 2014 - 2015	Year 2 2015 - 2016	Year 3 2016 - 2017	Three Year Total	PROJECT NOTES:
STREETS STORM WATER WASTEWATER WATER GAS	99.1	1,400.9	500.0			500.0	Capital Budget Project No: 13-020 Engineering Project No: E12105 Finance Project No: E12105 A/E Consultant: HDR, Eng.
TOTAL:	99.1	1,400.9	500.0			500.0	Contractor: TBD
Source of Funds							Award Design: Various
Bond Issue 2012	99.1	1,400.9	500.0			500.0	Award Construction: On-Going Anticipated Completion: On-Going
TOTAL:	99.1	1,400.9	500.0			500.0	Total Project Value: \$2,000,000

OPERATIONAL IMPACT:

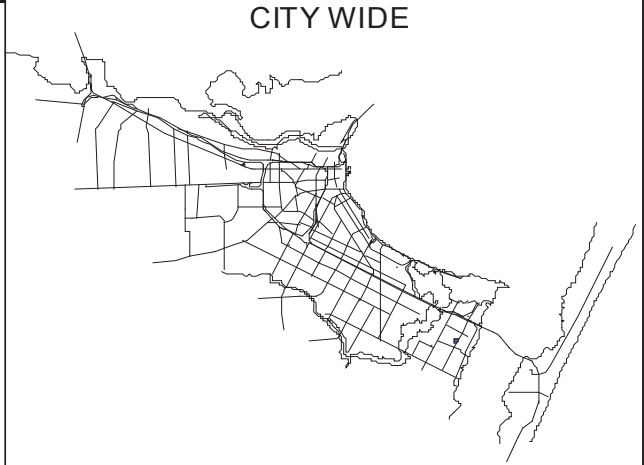
At this time it is not possible to determine the operational impact due to this project, but outdated, expensive lighting will be replaced with more efficient systems which are cost effective and better for the environment.

PROJECT DESCRIPTION

Bond 2012 Proposition One: STREETS Sequence #37

PROJECT TITLE: Texas Department of Transportation Participation
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 future



FUNDING SCHEDULE (Amounts in 000's)

Use of Funds	Project-to-Date Obligations as of April 2014	Prior Fiscal Year Unspent Budget	CIP Budget Year 1 2014 - 2015	Year 2 2015 - 2016	Year 3 2016 - 2017	Three Year Total	PROJECT NOTES:
STREETS	1,047.8	102.2					Capital Budget Project No: 13-021
STORM WATER							Engineering Project No: E12228
WASTEWATER						-	Finance Project No: E12228
WATER						-	A/E Consultant: TBD
GAS						-	Contractor: TBD
TOTAL:	1,047.8	102.2				-	Award Design: TBD
Source of Funds							Award Construction: TBD
Bond Issue 2012	1,047.8	102.2				-	Anticipated Completion: TBD
TOTAL:	1,047.8	102.2				-	Total Project Value: \$1,150,000

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 DESCRIPTION

Bond 2012 Proposition Eight: ECONOMIC DEVELOPMENT

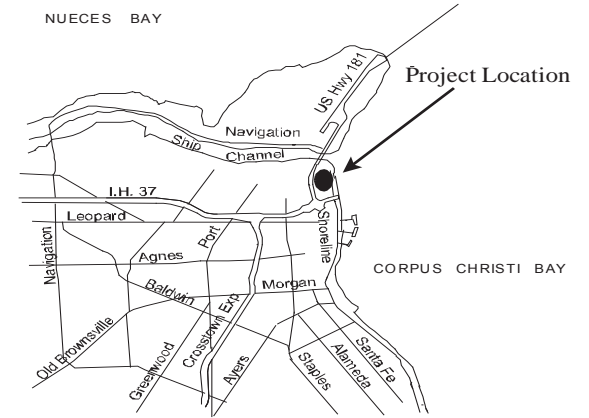
Sequence #38

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 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:
STREETS	32.1	217.9	250.0			250.0	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		70.0	70.0			70.0	
WASTEWATER							
WATER							
GAS							
TOTAL:	32.1	287.9	320.0	-	-	320.0	
Source of Funds							
Bond Issue 2012	32.1	217.9	250.0			250.0	
Revenue Bond		70.0	70.0			70.0	
TOTAL:	32.1	287.9	320.0	-	-	320.0	

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.

PROJECT DESCRIPTION

Bond 2012 Proposition Eight: ECONOMIC DEVELOPMENT

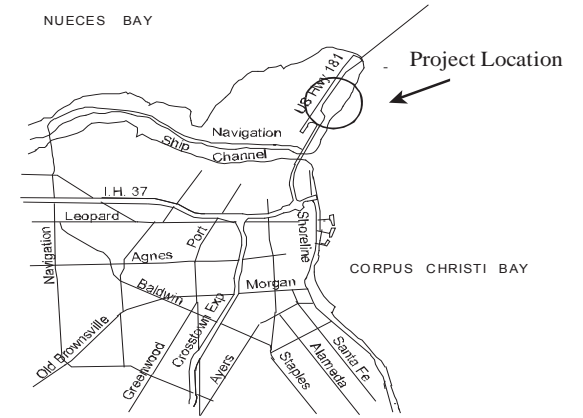
Sequence #39

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 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:
STREETS	27.9	272.1	300.0			300.0	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 2015 Anticipated Completion: Sept 2016 Total Project Value: \$1,100,000
STORM WATER	1.0	178.6	178.0			178.0	
WASTEWATER	0.2	32.8	32.0			32.0	
WATER	0.2	39.9	38.0			38.0	
GAS							
TOTAL:	29.3	523.4	548.0			548.0	
Source of Funds							
Bond Issue 2012	27.9	272.1	300.0			300.0	
Revenue Bond	1.4	251.3	248.0			248.0	
TOTAL:	29.3	523.4	548.0			548.0	

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.

PROJECT DESCRIPTION

Bond 2012 Proposition Eight: ECONOMIC DEVELOPMENT

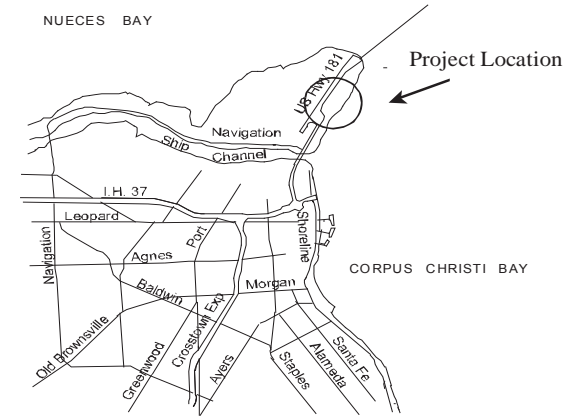
Sequence #40

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 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:
STREETS	26.6	473.4	500.0			500.0	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: \$1,750,000
STORM WATER	0.8	255.5	254.0			254.0	
WASTEWATER	0.1	55.9	54.0			54.0	
WATER	0.5	65.5	64.0			64.0	
GAS							
TOTAL:	28.0	850.3	872.0			872.0	
Source of Funds							
Bond Issue 2012	26.6	473.4	500.0			500.0	
Revenue Bond	1.4	376.9	372.0			372.0	
TOTAL:	28.0	850.3	872.0			872.0	

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 DESCRIPTION

Bond 2012 Proposition Eight: **ECONOMIC DEVELOPMENT**

Sequence #41

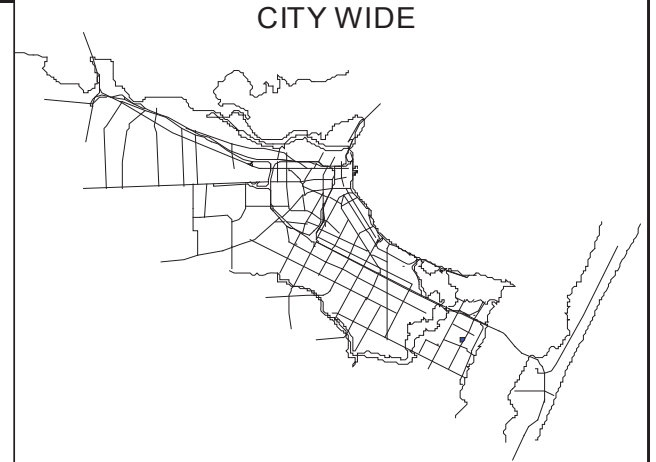
CITY WIDE

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 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:
STREETS STORM WATER WASTEWATER WATER GAS	598.6	1,651.4	750.0			750.0	Capital Budget Project No: ED13-004 Engineering Project No: Various Finance Project No: Various A/E Consultants: N/A
TOTAL:	598.6	1,651.4	750.0			750.0	Contractor: N/A
Source of Funds							Award Design: N/A
Bond Issue 2012 Revenue Bond	598.6	1,651.4	750.0			750.0	Award Construction: N/A Anticipated Completion: N/A
TOTAL:	598.6	1,651.4	750.0			750.0	Total Project Value: \$3,000,000

OPERATIONAL IMPACT:

There is no operational impact with this project.

PROJECT DESCRIPTION

Bond 2012 Proposition Eight: ECONOMIC DEVELOPMENT

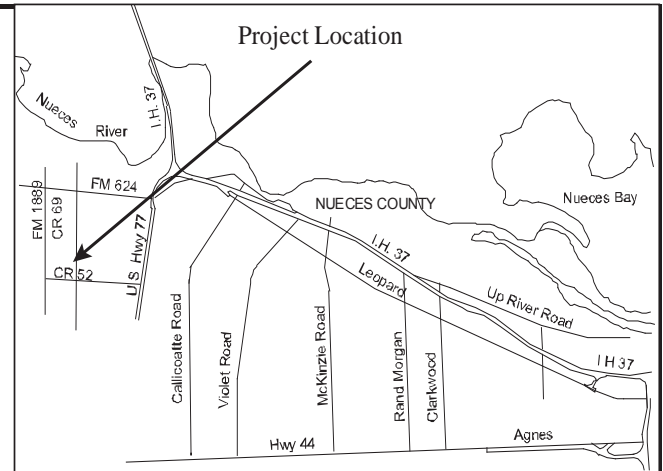
Sequence #42

PROJECT TITLE: County Road 52 Extension (CR 69 to FM 1889)

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

DESCRIPTION:

This project includes extending County Road (CR) 52 from CR 69 to FM 1889. This roadway will be designed as a rural roadway section, matching the existing roadway section CR 69 to US 77. The Street and Storm water portion of the project will be a Nueces County 50/50 match.



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:
STREETS	210.3	1,689.7	3,125.0			3,125.0	Capital Budget Project No: ED13-005 Engineering Project No: E12136 Finance Project No: E12136 A/E Consultants: Naismith Engineering Contractor: TBD Award Design: March 2013 Award Construction: March 2015 Anticipated Completion: December '15 Total Project Value: \$7,600,000
STORM WATER	90.0	885.0	1,625.0			1,625.0	
WASTEWATER							
WATER							
GAS							
TOTAL:	300.3	2,574.7	4,750.0	-	-	4,750.0	
Source of Funds							
Bond Issue 2012	210.3	1,689.7	625.0			625.0	
Revenue Bond	90.0	885.0	325.0			325.0	
Nueces County			3,800.0			3,800.0	
TOTAL:	300.3	2,574.7	4,750.0	-	-	4,750.0	

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 for vehicular traffic.

PROJECT DESCRIPTION

Bond 2012 Proposition Eight: ECONOMIC DEVELOPMENT

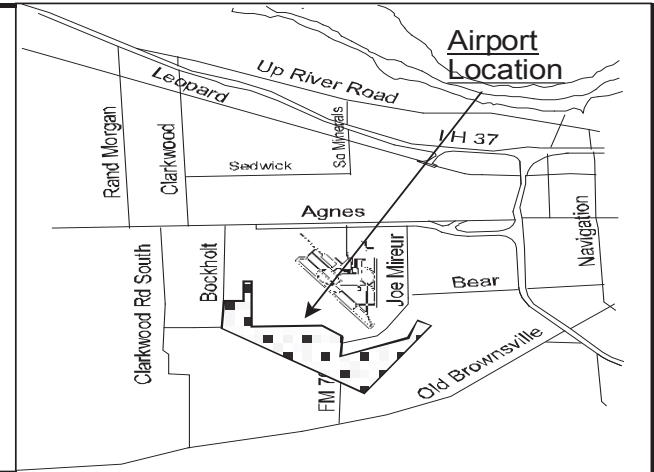
Sequence #43

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.



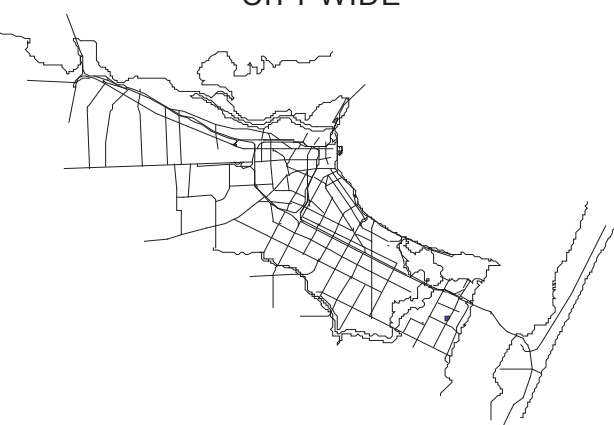
FUNDING SCHEDULE (Amounts in 000's)

Use of Funds	Project-to-Date Obligations 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:
STREETS	102.0	298.0	650.0			650.0	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: Oct 2014 Anticipated Completion: July 2015 Total Project Value: \$1,926,300
STORM WATER	54.0	200.9	385.0			385.0	
WASTEWATER	9.3	34.6	64.0			64.0	
WATER	11.1	41.1	76.3			76.3	
GAS							
AIRPORT							
TOTAL:	176.4	574.6	1,175.3			1,175.3	
Source of Funds							
Bond Issue 2012	102.0	298.0	400.0			400.0	
Revenue Bond	74.4	276.6	525.3			525.3	
Airport Reserves			250.0			250.0	
TOTAL:	176.4	574.6	1,175.3			1,175.3	

OPERATIONAL IMPACT:

There is no planned additional operational impact for this area.

PROJECT DESCRIPTION


<p>DEPARTMENT: Streets Sequence #44</p> <p>PROJECT TITLE: <u>Accessible Routes in CDBG Residential Areas, Phase 3</u></p> <p><i>Consistency with the Comprehensive Plan: Policy Statements pp.25-32; Transportation Master Plan</i></p> <p>DESCRIPTION: Current funding (FY 2013) involves providing accessible routes in CDBG residential areas which do not have sidewalks, but have heavy pedestrian traffic. This project will build approximately 2,300 linear feet of 5-foot wide sidewalks and 15 ADA compliant curb ramps. Work will be performed between Horne Road, Greenwood Drive, Baldwin Avenue, and Ayers Street. Prior funding addressed design and construction of approximately 4,600 linear feet of five foot sidewalk and thirty (30) curb ramps along Water Street and portions of Shoreline Drive between Craig Street and Born Street.</p>	<p>CITY WIDE</p> 
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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:
STREETS	301.3	-	200.0			200.0	Capital Budget Project No: 14-001 Engineering Project No: E13130 Finance Project No : E13130 A/E Consultant: CH2MHill Contractor: TBD
TOTAL:	301.3	-	200.0			200.0	
Source of Funds							
CDBG Funds	301.3	-	200.0			200.0	Award Design: August 2014 Award Construction: February 2015
TOTAL:	301.3	-	200.0			200.0	Anticipated Completion: June 2015

OPERATIONAL IMPACT:
 There is no direct operational budget impact with this project, but failure to complete this work could result in the City being sued for non-compliance and loss of future Community Development Block Grant funding.

PROJECT DESCRIPTION

<p>DEPARTMENT: Streets Sequence #45</p> <p>PROJECT TITLE: <u>ADA Improvements in Community Development Block Grant Areas</u></p> <p><i>Consistency with the Comprehensive Plan: Policy Statements pp.25-32; Transportation Master Plan</i></p> <p>DESCRIPTION: This project will involve the design and construction of approximately 1,755 linear feet of 5-foot wide sidewalk and approximately 23 residential and commercial driveways along Brownlee Boulevard from Elizabeth to Staples Street. This project is included in the ADA Master Plan adopted by City Council on December 11, 2012.</p>	<p>CITY WIDE</p> 
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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:
STREETS			495.1			495.1	Capital Budget Project No: 14-002 Engineering Project No: E13131 Finance Project No : E13131 A/E Consultant: CH2MHill
TOTAL:			495.1			495.1	Contractor: TBD
Source of Funds							Award Design: August 2014
CDBG Funds			495.1			495.1	Award Construction: February 2015 Anticipated Completion: June 2015
TOTAL:			495.1			495.1	

OPERATIONAL IMPACT:
 There is no direct operational budget impact with this project, but failure to complete this work could result in the City being sued for non-compliance and loss of Community Development Block Grant funding.

PROJECT DESCRIPTION

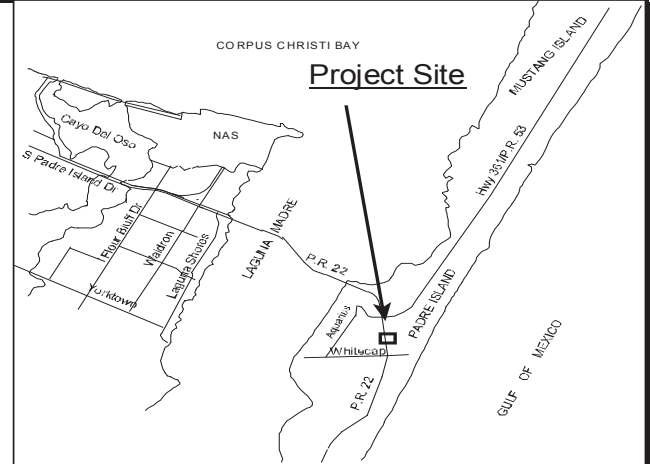
DEPARTMENT: **Streets** Sequence #46

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 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:
STREETS	1,422.7	7.3	5,600.0			5,600.0	Capital Budget Project No: 05001 Engineering Project No: 6281 Finance Project No : 170062 A/E Consultant: Urban Eng. Contractor: TBD Award Design: October '11 Let Construction: TBD Anticipated Completion: TBD Total Project Value: \$12,794,500
STORM WATER	-	256.0	26.0			26.0	
WASTEWATER	-	4,729.0	-			-	
WATER	-	554.0	79.5			79.5	
GAS	-	120.0	-			-	
TOTAL:	1,422.7	5,666.3	5,705.5			5,705.5	
Source of Funds							
Bond Issue 2004	1,422.5	7.3	-			-	Let Construction: TBD Anticipated Completion: TBD
Bond Issue 2008 Reserves	0.2	-	5,600.0			5,600.0	
Revenue Bond	-	5,659.0	105.5			105.5	
TOTAL:	1,422.7	5,666.3	5,705.5			5,705.5	

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.

PROJECT DESCRIPTION

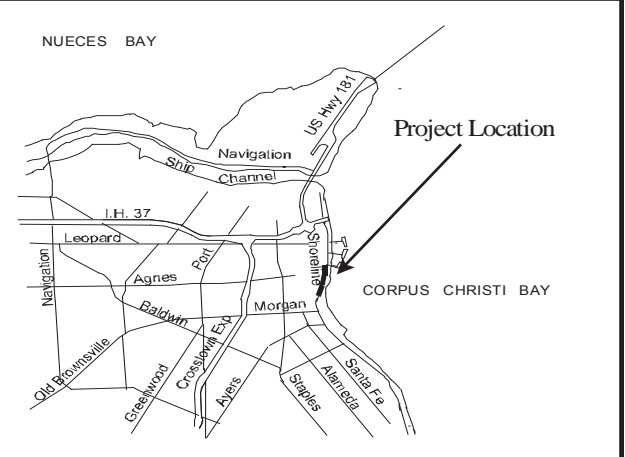
DEPARTMENT: Streets Sequence #47

PROJECT TITLE: Bayfront Development Plan, Phase 3

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

DESCRIPTION:

Phase 3 of the Bayfront Master Plan provides for the relocation of traffic lanes away from the water. The realignment will begin near Cooper's Alley and continue south until the lanes merge back to the current Shoreline alignment south of McGee Beach in the vicinity of Furman and Buford. The realignment will reduce the number of traffic lanes from the current three lanes in each direction to two lanes in each direction. This project will provide a large pedestrian area strongly connected to the water, McGee Beach and Cooper's Alley. After construction of Shoreline Boulevard is complete, remaining funds could be used to construct park amenities in the area.



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:
STREETS	9,908.4	376.1	3,537.8			3,537.8	Capital Budget Project No: 10032 Engineering Project No: 6511 Finance Project No: 170678 A/E Consultant: HDR Contractor: Bay, Ltd. Award Design: June 2009 Award Construction: October 2013 Anticipated Completion: December '14 Total Project Value: \$16,601,400
STORM WATER	1,018.3	131.7	25.0			25.0	
WASTEWATER	453.5	159.6	-			-	
WATER	534.4	100.0	200.0			200.0	
GAS	156.6	-	-			-	
TOTAL:	12,071.2	767.4	3,762.8			3,762.8	
Source of Funds							
Certificates of Obligation (Ph 1)	696.9	-	-			-	
Bond Issue 2008	9,211.5	376.1	3,537.8			3,537.8	
Revenue Bond	2,162.8	391.3	225.0			225.0	
TOTAL:	12,071.2	767.4	3,762.8			3,762.8	

OPERATIONAL IMPACT:

An operational budget impact cannot be determined until a final project scope has been developed, but this project will greatly enhance tourism and economic development in the area.

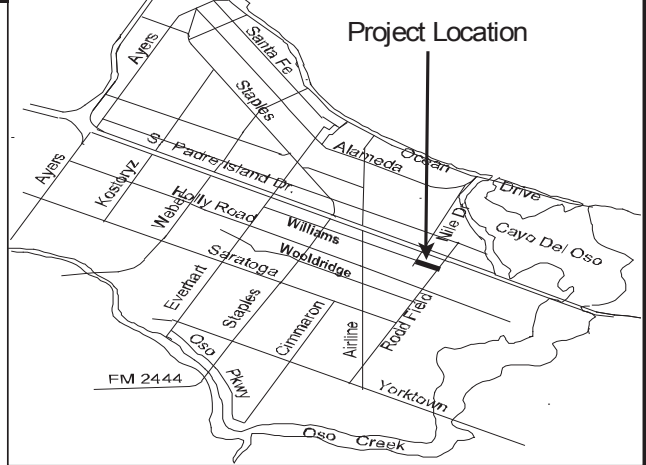
PROJECT DESCRIPTION

DEPARTMENT: Streets Sequence #48

PROJECT TITLE: Williams Drive, Phase 1 - Rodd Field to Nile Drive

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 a five lane roadway with four travel lanes and a continuous left turn lane. Other improvements include: curb and gutter, sidewalks, ADA curb ramps, pavement markings, and street lighting. Work is under construction and expected to be complete by Fall 2015. Work will be completed with remaining project proceeds.



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:
STREETS	3,488.4	29.0				-	Capital Budget Project No: 10005
STORM WATER	3,415.9	3,356.7				-	Engineering Project No: 6466
WASTEWATER	899.1	315.0				-	Finance Project No : 170323
WATER	230.5	100.0				-	A/E Consultant: RVE, Inc.
GAS	13.3	3.6				-	
TOTAL:	8,047.2	3,804.3				-	Contractor: Reytex
Source of Funds							Award Design: May 2010
Bond Issue 2008	3,447.5	29.0				-	Award Construction: August 2012
Revenue Bond	4,558.8	3,775.3				-	Anticipated Completion: October 2015
Regional Transportation Authority	40.9	-				-	
TOTAL:	8,047.2	3,804.3				-	Total Project Value: \$11,851,500

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

PROJECT DESCRIPTION

<p>DEPARTMENT: Streets Sequence #49</p> <p>PROJECT TITLE: <u>Williams Drive, Phase 2 - Nile Drive to Airline</u></p> <p><i>Consistency with the Comprehensive Plan: Policy Statements pp.25-32; Transportation Master Plan</i></p> <p>DESCRIPTION: This section of Williams Drive will provide safe access for children going to the school in the area. The improvements will include a four-lane roadway with two travel lanes and left turn lane where necessary. Other improvements include: curb and gutter, sidewalks, ADA curb ramps, pavement markings, and street lighting. This project is under construction and expected to be complete in Fall of 2015.</p>	
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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:
STREETS	5,287.4	182.6				-	Capital Budget Project No: 10006 Engineering Project No: 6467 Finance Project No: 170324 A/E Consultant: Naismith Contractor: Reytech Award Design: May 2010 Award Construction: August 2012 Anticipated Completion: October 2015 Total Project Value: \$15,200,100
STORM WATER	6,060.8	810.2	-			-	
WASTEWATER	973.4	366.1	100.0			100.0	
WATER	811.3	385.0	100.0			100.0	
GAS	66.3	57.0	-			-	
TOTAL:	13,199.2	1,800.9	200.0			200.0	
Source of Funds							
Bond Issue 2008	5,191.0	182.6	-			-	
Revenue Bond	7,911.8	1,618.3	200.0			200.0	
Regional Transportation Authority	96.4						
TOTAL:	13,199.2	1,800.9	200.0			200.0	

OPERATIONAL IMPACT:

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

PROJECT DESCRIPTION

<p>DEPARTMENT: Streets Sequence #50</p> <p>PROJECT TITLE: <u>Bear Lane - Old Brownsville Road to SPID</u></p> <p><i>Consistency with the Comprehensive Plan: Policy Statements pp.25-32; Transportation Master Plan</i></p> <p>DESCRIPTION: This section of Bear Lane is near completion and will provide safe access to children going to the middle school and new high school in the area. The improvements include complete removal of an existing roadway and the construction of flexible (asphalt) pavement for a new 3-lane collector street (two travel lanes and one continuous turning lane) with 8-foot concrete sidewalks, pavement markings and signage improvements; along with storm water, water, and sanitary sewer line improvements. In Spring '13, construction on this project was stopped to accommodate replacing an additional high pressure water line in the area. Subsequently the project was re-bid to include 1,450 linear feet of 36-inch ductile iron waterline and associated roadway improvements from Navigation Boulevard to Old Brownsville Road.</p>	
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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:
STREETS	3,257.7	942.3				-	Capital Budget Project No: 10002 Engineering Project No: 6463 Finance Project No : 170119 A/E Consultant: CRG WATERLINE WORK: Contractor: Clark Pipeline Award Design: May 2013 Award Construction: March 2014 Anticipated Completion: November '14 Total Project Value: \$10,416,300
STORM WATER	2,544.6	-				-	
WASTEWATER	437.9	-				-	
WATER	1,188.8	2,000.0				-	
GAS	45.0	-				-	
TOTAL:	7,474.0	2,942.3				-	
Source of Funds							
Bond Issue 2008	3,257.7	942.3				-	
Revenue Bond	4,216.3	2,000.0				-	
TOTAL:	7,474.0	2,942.3				-	

OPERATIONAL IMPACT:

There is no direct operational budget impact, but this project will replace aging utilities where applicable, improve the quality of the road for residents and provide a safer access to the school for students.

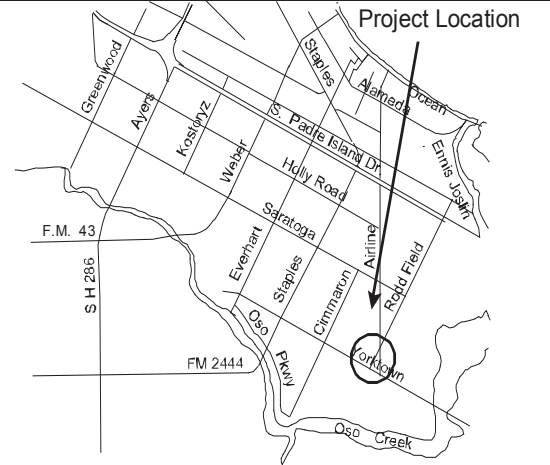
PROJECT DESCRIPTION

DEPARTMENT: Streets Sequence #51

PROJECT TITLE: Rodd Field/Yorktown Intersection at Airline

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

DESCRIPTION:
 This project will re-align the intersection configuration at Rodd Field and Yorktown to address public safety and improve traffic flow. This project is City Council priority number two to be funded for construction with Bond 2008 Street remaining proceeds. If funds are not available, this project will be considered for a future bond election.



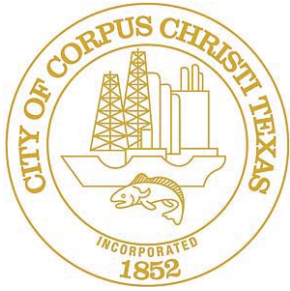
FUNDING SCHEDULE (Amounts in 000's)

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:
STREETS	104.0	-	2,000.0			2,000.0	Capital Budget Project No: 10031 Engineering Project No: E13085 Finance Project No: E13085 A/E Consultant: Freese Nichols Contractor: TBD Award Design: October 2011 Award Construction: TBD Anticipated Completion: TBD Total Project Value: \$5,847,600
STORM WATER	-	2,766.2	-			-	
WASTEWATER	-	645.7	-			-	
WATER	-	331.7	-			-	
TOTAL:	104.0	3,743.6	2,000.0			2,000.0	
Source of Funds							
Bond Issue 2008	104.0	-	2,000.0			2,000.0	
Revenue Bond	-	3,743.6	-			-	
TOTAL:	104.0	3,743.6	2,000.0			2,000.0	

OPERATIONAL IMPACT:

Potential costs could be incurred for street lighting and traffic control.

Gas



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 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.

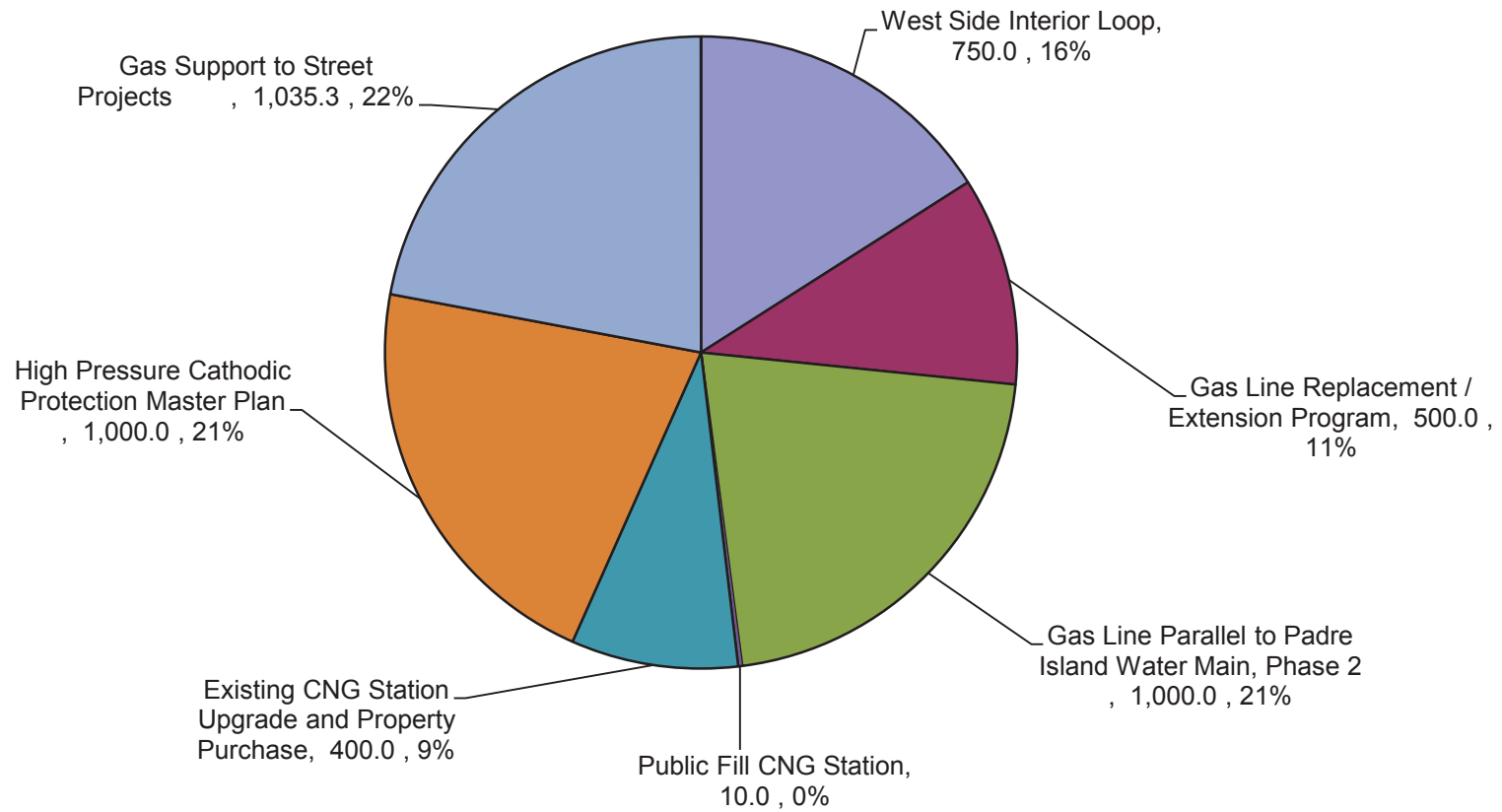
In addition to the projects listed, the Gas Capital Improvement Program Budget includes over \$1M in work to support city and Texas Department of Transportation (TxDOT) street projects that require upgrading or moving gas transmission lines. These projects include streets listed in the 2012 General Obligation Bond Election and programmed by TxDOT for fiscal years 2015 and 2016.

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 2014 – 2015	YEAR TWO 2015– 2016	YEAR THREE 2016 – 2017
TOTAL PROGRAMMED EXPENDITURES:	\$ 4,695,300	\$ 3,105,100	\$ 1,539,700
FUNDING:			
New Debt (Revenue Bonds)	\$ 4,695,300	\$ 3,105,100	\$ 1,539,700
TOTAL PROGRAMMED FUNDS:	\$ 4,695,300	\$ 3,105,100	\$ 1,539,700

Gas
Annual CIP: \$4,695.3
(Amounts in 000's)



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

Seq #	Project Name	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
GAS 01	West Side Interior Loop Finance and Engineering Number: E12131	0.3	288.0	750.0	250.0	-	1,000.0
GAS 02	Gas Line Replacement / Extension Program Finance and Engineering Number: E12132	303.4	1,212.5	500.0	500.0	500.0	1,500.0
GAS 03	Gas Line Parallel to Padre Island Water Main, Phase 2 Finance and Engineering Number: E10172	2,378.9	121.1	1,000.0	-	-	1,000.0
GAS 04	Public Fill CNG Station Finance and Engineering Number: E13024	0.3	944.9	10.0	-	-	10.0
GAS 05	Existing CNG Station Expansion and Property Purchase Finance and Engineering Number: E13023	0.3	864.9	400.0	-	-	400.0
GAS 06	High Pressure Cathodic Protection Master Plan Finance and Engineering Number: E13022	0.3	299.0	1,000.0	1,250.0	1,000.0	3,250.0
Gas Program Sub-Total:		2,683.5	3,730.4	3,660.0	2,000.0	1,500.0	7,160.0

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

Seq #	Project Name	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
	*Utility Relocation Costs for Bond 2008	281.2	180.6	-	-	-	-
	*Utility Relocation Costs for Bond 2012	57.9	472.5	666.0	16.0	39.7	721.7
	*Utility Relocation Costs for Bond 2014	47.0	-	-	-	-	-
	**Utility Relocation Costs for TxDOT Projects	-	-	369.3	1,089.1	-	1,458.4

** relocation costs and funding reflected within Streets Program*

*** programmed by Texas Department of Transportation*

	TOTAL PROGRAMMED EXPENDITURES:	3,069.6	4,383.5	4,695.3	3,105.1	1,539.7	9,340.1
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CURRENTLY AVAILABLE FUNDING:

	Revenue Bonds	3,069.6	4,383.5	-	-	-	-
	Total Currently Available:	3,069.6	4,383.5	-	-	-	-

RECOMMENDED ADDITIONAL FUNDING:

	Revenue Bonds	-	-	4,695.3	3,105.1	1,539.7	9,340.1
	Total Funding Source:	3,069.6	4,383.5	4,695.3	3,105.1	1,539.7	9,340.1

PROJECT DESCRIPTION

DEPARTMENT: **Gas**

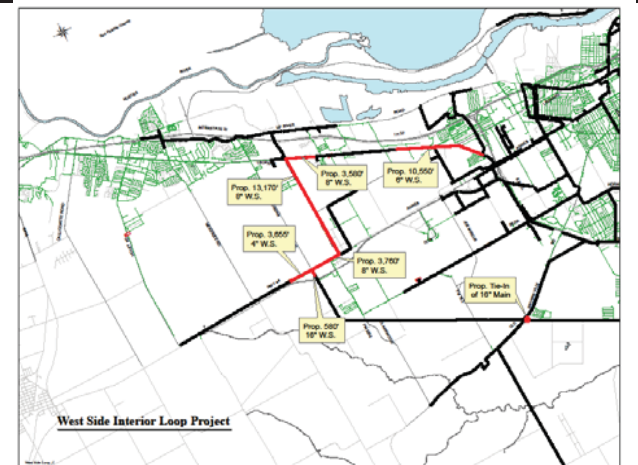
Sequence #01

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.



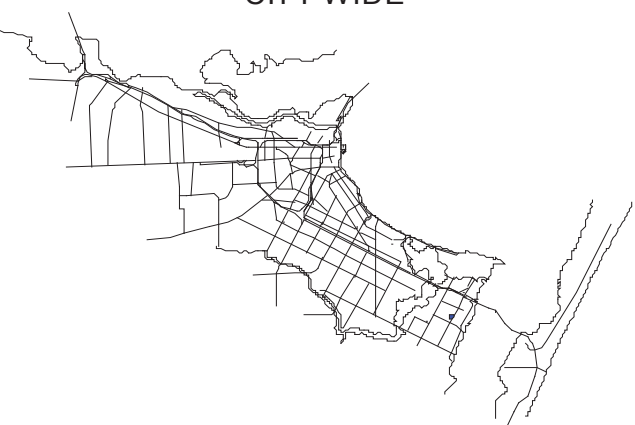
FUNDING SCHEDULE (Amounts in 000's)

Use of Funds	Project-to-Date Obligations 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:
Material Purchase							Capital Budget Project No: 12100 Engineering Project No: E12131 Finance Project No: E12131 A/E Consultant: In House Contractor: TBD Award Design: N/A Award Construction: Fall 2014 Anticipated Completion: Fall 2016 Total Project Value: \$1,288,300
Design & Engineering		100.0				-	
Construction			650.0	200.0		850.0	
Contingency			65.0	25.0		90.0	
Inspection/Other	0.3	188.0	35.0	25.0		60.0	
TOTAL:	0.3	288.0	750.0	250.0	-	1,000.0	
Source of Funds							
Revenue Bond	0.3	288.0	750.0	250.0		1,000.0	
TOTAL:	0.3	288.0	750.0	250.0	-	1,000.0	

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.

PROJECT DESCRIPTION

<p>DEPARTMENT: <u>Gas</u> Sequence #02</p> <p>PROJECT TITLE: <u>Gas Line Replacement / Extension Program</u></p> <p><i>Consistency with the Comprehensive Plan: Policy Statements pg. 48: 1,3 & 6; pp. 55, 56, 60 & 61</i></p> <p>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.</p>	<p>CITY WIDE</p> 
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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:
Material Purchase							Capital Budget Project No: 12100 Engineering Project No: E12132 Finance Project No: E12132 A/E Consultant: N/A Contractor: City Crews Award Design: N/A Award Construction: N/A Anticipated Completion: N/A Total Project Value: \$500,000 yearly
Design & Engineering							
Construction	299.5	1,102.6	475.0	475.0	475.0	1,425.0	
Contingency						-	
Inspection/Other	3.9	109.9	25.0	25.0	25.0	75.0	
TOTAL:	303.4	1,212.5	500.0	500.0	500.0	1,500.0	
Source of Funds							
Revenue Bond	303.4	1,212.5	500.0	500.0	500.0	1,500.0	
TOTAL:	303.4	1,212.5	500.0	500.0	500.0	1,500.0	

OPERATIONAL IMPACT:

There is not a direct operational impact due to this project, but it will prevent future line breakages and interruption of service due to aging infrastructure.

PROJECT DESCRIPTION

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; Water Master Plan

DESCRIPTION:

The project constructs a new 8-inch diameter natural gas line parallel to the water main from Laguna Shores Road to Padre Island and provides for a redundant feed to Padre Island. The 8-inch diameter gas line, will be located from the termination point of the Padre Island Water Supply project to Aquarius Street. This improvement will meet the requirements of the Texas Railroad Commission (TRRC) and will interconnect into 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 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	241.1						Capital Budget Project No: 11004 Engineering Project No: E10172 Finance Project No: E10172 A/E Consultant: Urban Eng. Contractor: TBD Award Design: July 2014 Award Construction: November '14 Anticipated Completion: June 2015 Total Project Value: \$3,500,000 NETWORK
Construction	2,113.6	100.0	800.0			800.0	
Contingency			100.0			100.0	
Inspection/Other	24.2	21.1	100.0			100.0	
TOTAL:	2,378.9	121.1	1,000.0			1,000.0	
Source of Funds							
Revenue Bond	2,378.9	121.1	1,000.0			1,000.0	
TOTAL:	2,378.9	121.1	1,000.0			1,000.0	

OPERATIONAL IMPACT:

This project will increase redundancy and efficiencies to the Island.

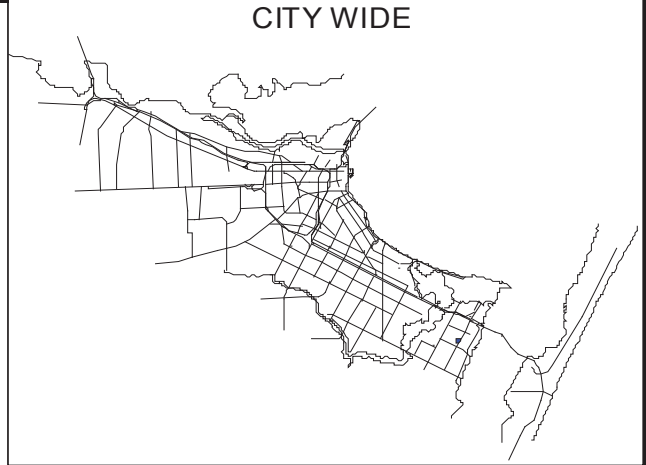
PROJECT DESCRIPTION

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:
 This project proposes the construction of an additional Public CNG Station providing a public fill dispenser to support commercial, city, and private vehicles. Location TBD



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		150.0				-	Capital Budget Project No: 13-001 Engineering Project No: E13024 Finance Project No: E13024 A/E Consultant: TBD Contractor: TBD Award Design: FY 2015 Award Construction: FY 2015 Anticipated Completion: FY 2016 Total Project Value: \$955,200
Construction		750.0				-	
Contingency		22.5				-	
Inspection/Other	0.3	22.4	10.0			10.0	
TOTAL:	0.3	944.9	10.0			10.0	
Source of Funds							
Revenue Bond	0.3	944.9	10.0			10.0	
TOTAL:	0.3	944.9	10.0			10.0	

OPERATIONAL IMPACT:

Not enough information to develop operational impact at this time. An additional station to serve the public would generate additional revenues to the department.

PROJECT DESCRIPTION

DEPARTMENT: Gas

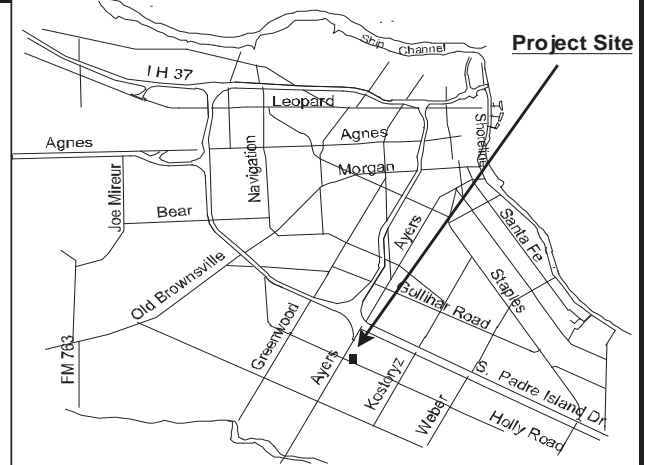
Sequence #05

PROJECT TITLE: Existing CNG Station Expansion and Property Purchase

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

DESCRIPTION:

This project proposes the possible procurement of property adjacent to the Gas Department (approximately one acre) and the expansion of the current Compressed Natural Gas Station that will serve City CNG vehicles and private customers.



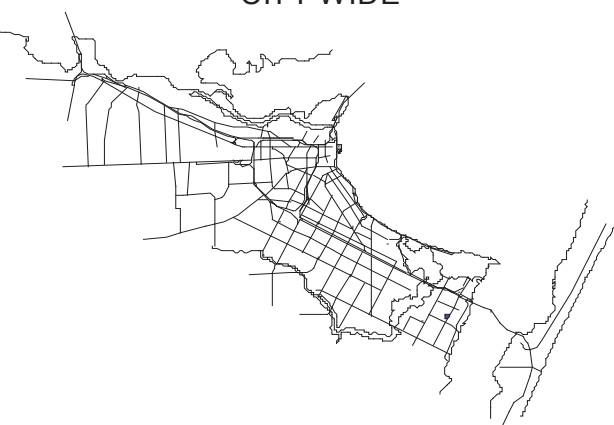
FUNDING SCHEDULE (Amounts in 000's)

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:
Property Purchase		100.0				-	Capital Budget Project No: 13-002 Engineering Project No: E13023 Finance Project No: E13023 A/E Consultant: RFQ Contractor: In House Award Design: FY 2015 Award Construction: N/A Anticipated Completion: N/A Total Project Value: \$1,265,200
Design & Engineering		70.0				-	
Construction		600.0	400.0			400.0	
Contingency		60.0				-	
Inspection/Other	0.3	34.9				-	
TOTAL:	0.3	864.9	400.0			400.0	
Source of Funds							
Revenue Bond	0.3	864.9	400.0			400.0	
TOTAL:	0.3	864.9	400.0			400.0	

OPERATIONAL IMPACT:

Not enough information to develop an operational impact at this time, but will generate additional revenues to offset expenses.

PROJECT DESCRIPTION

<p>DEPARTMENT: <u>Gas</u> Sequence #06</p> <p>PROJECT TITLE: <u>High Pressure Cathodic Protection Master Plan</u></p> <p><i>Consistency with the Comprehensive Plan: Policy Statements pg. 48: 1,3 & 6; pp. 55, 56, 60 & 61</i></p> <p>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.</p>	<p>CITY WIDE</p> 
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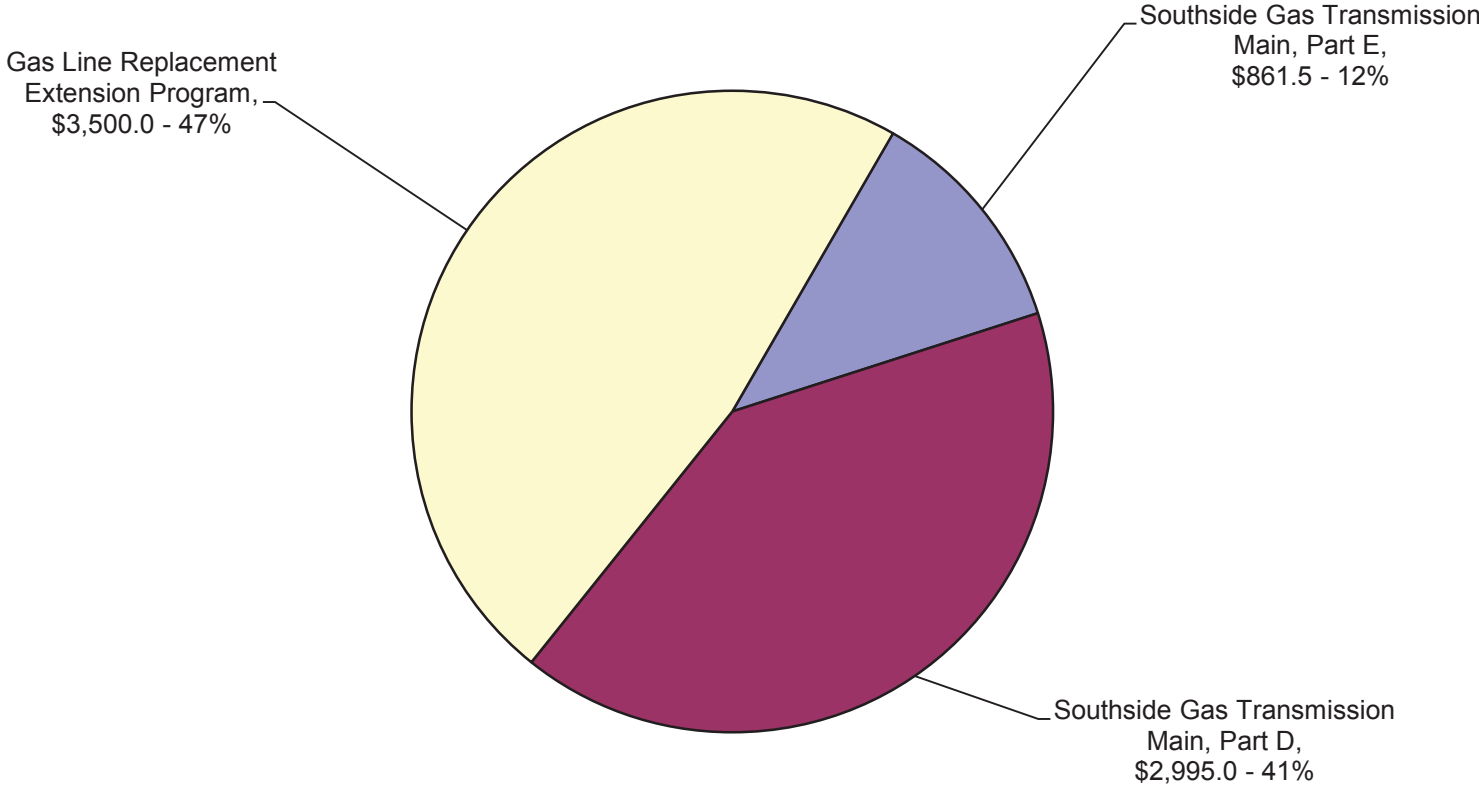
FUNDING SCHEDULE (Amounts in 000's)

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:
Property Purchase						-	Capital Budget Project No: 13-003 Engineering Project No: E13022 Finance Project No: E13022 A/E Consultant: RFQ Contractor: In House Award Design: FY 2015 Award Construction: N/A Anticipated Completion: N/A Total Project Value: \$3,550,200
Design & Engineering		100.0				-	
Construction		150.0	950.0	1,150.0	950.0	3,050.0	
Contingency						-	
Inspection/Other	0.3	49.0	50.0	100.0	50.0	200.0	
TOTAL:	0.3	299.0	1,000.0	1,250.0	1,000.0	3,250.0	
Source of Funds							
Revenue Bond	0.3	299.0	1,000.0	1,250.0	1,000.0	3,250.0	
TOTAL:	0.3	299.0	1,000.0	1,250.0	1,000.0	3,250.0	

OPERATIONAL IMPACT:

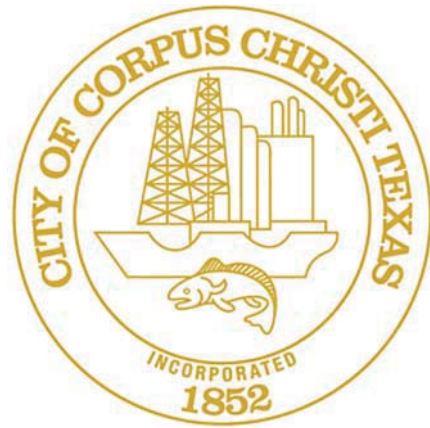
Not enough information to develop operational impact at this time.

Gas
Long-Range CIP: \$7,356.5
(Amounts in 000's)

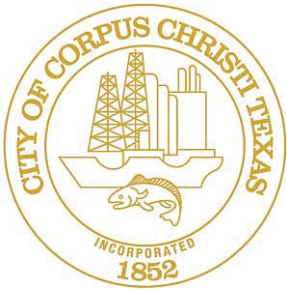


**GAS
LONG-RANGE CIP**

		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.	\$3,500,000 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.	\$2,995,000 4,5,6
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.	\$861,500 6,7,8
<u>TOTAL FUTURE CAPITAL IMPROVEMENT NEEDS:</u>		\$7,356,500



Storm Water



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 2008, Bond 2012 and proposed 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.

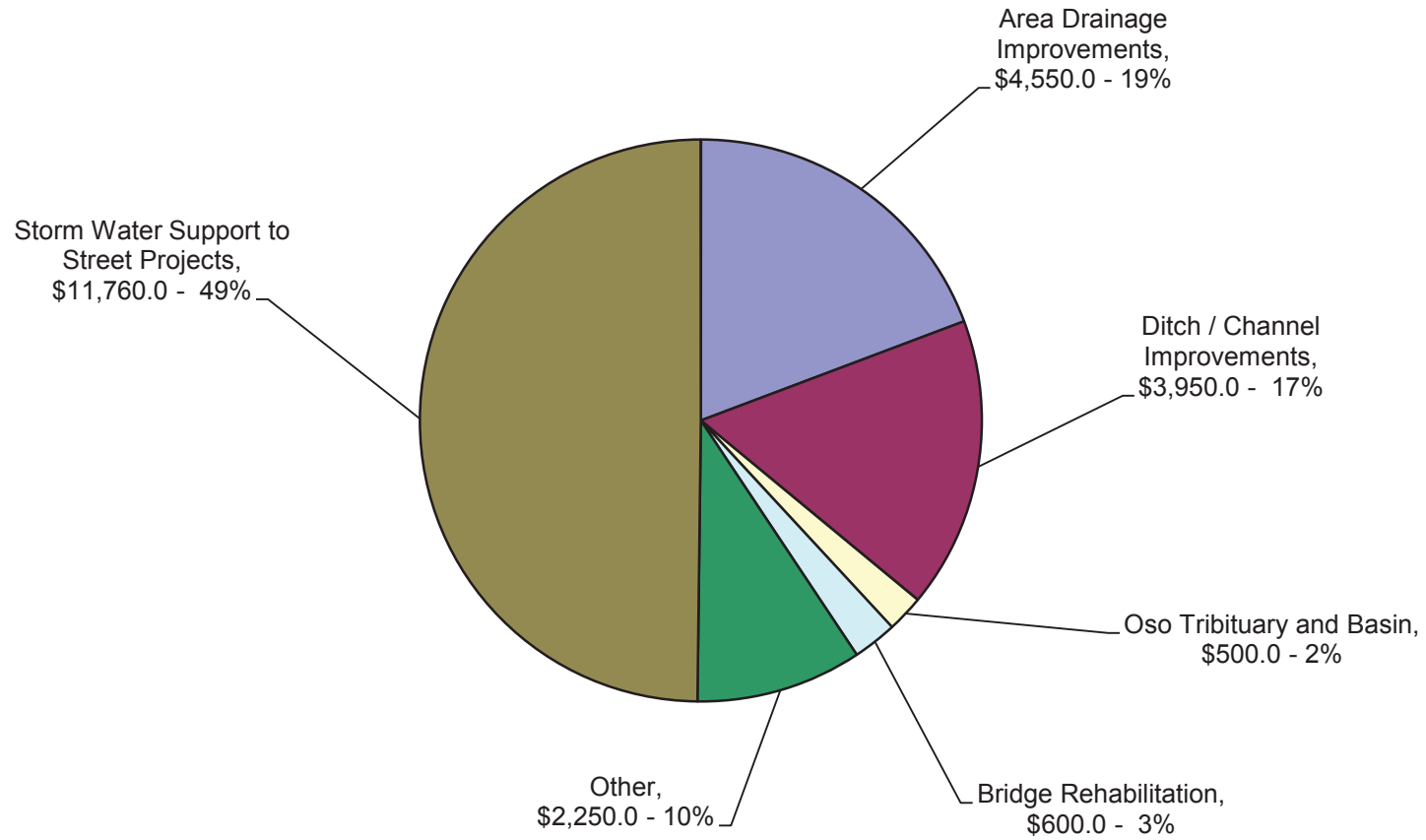
Over the next several years, the integrity of the City's Storm Water facilities will be improved through projects planned to provide additional capacity and infrastructure lifecycle management. In a proactive, rather than reactive approach, an evaluation of major and minor systems, outfall structures, 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 \$11 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 General Obligation Bond Election and programmed by TxDOT for fiscal years 2015 and 2016.

A recap of the budgeted expenditures includes:

	YEAR ONE 2014– 2015	YEAR TWO 2015 – 2016	YEAR THREE 2016 – 2017
TOTAL PROGRAMMED EXPENDITURES:	\$ 23,610,000	\$ 21,170,400	\$ 19,373,500
FUNDING:			
Storm Water Capital Reserves	\$ 350,000	\$ 0	\$ 0
New Debt (Revenue Bonds)	\$ 23,260,000	\$ 21,170,400	\$ 19,373,500
TOTAL PROGRAMMED FUNDS:	\$ 23,610,000	\$ 21,170,400	\$ 19,373,500

**Storm Water
Annual CIP: \$23,610.0
(Amounts in 000's)**



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

Seq #	Project Name	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
SW 01	Lifecycle Pipe Rehabilitation and Replacement Finance and Engineering Number: E12146	0.5	699.5	2,000.0	2,500.0	2,500.0	7,000.0
SW 02	IDIQ Major Ditch Improvements Finance and Engineering Number: E12191		1,000.0	500.0	500.0	500.0	1,500.0
SW 03	Drainage Channel Excavation - Master Channel 31 Finance Number: 160092 Engineering Number: 2235	47.7	965.9	250.0	500.0	500.0	1,250.0
SW 04	Schanen Ditch Improvements, Phase 2 Finance and Engineering Number: E11073	80.8	977.6	1,200.0	1,200.0	700.0	3,100.0
SW 05	La Volla Creek Channel Excavation, Phase 1 Finance and Engineering Number: E10200	205.2	1,200.0	2,000.0	-	-	2,000.0
SW 06	Oso Creek Basin Drainage Relief Finance and Engineering Number: E10201	695.5	2,000.0	500.0	500.0	500.0	1,500.0
SW 07	Unanticipated Storm Water Capital Requirements Finance and Engineering Number: E12193	45.2	463.2	250.0	250.0	250.0	750.0
SW 08	Egyptian and Meadowbrook/USACE Mitigation Finance and Engineering Number: E12195	45.0	480.0	300.0	300.0	300.0	900.0
SW 09	Gollihar Outfall Repairs Finance and Engineering Number: E14039	-	-	1,400.0	750.0	-	2,150.0

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

Seq #	Project Name	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
SW 10	Lifecycle Curb and Gutter Replacement Finance and Engineering Number: E14035	520.2	767.9	600.0	600.0	600.0	1,800.0
SW 11	Minor Channel Improvements Finance and Engineering Number: E14041	3.5	2,696.5	250.0	250.0	250.0	750.0
SW 12	Storm Water Master Plan Update Finance Number: 2083 Engineering Number: 160270	2,965.0	400.0	1,600.0	500.0	500.0	2,600.0
SW 13	Major Outfall Assessment and Repairs Finance and Engineering Numbers: E12145, E13142, E13112	4.5	595.5	300.0	300.0	300.0	900.0
SW 14	Bridge Rehabilitation Finance and Engineering Number: E12199	0.4	399.6	600.0	600.0	500.0	1,700.0
SW 15	Developer Participation - Storm Water Finance and Engineering Number: E12201	-	250.0	100.0	100.0	100.0	300.0
	Storm Water Program Sub-Total:	4,613.5	12,895.7	11,850.0	8,850.0	7,500.0	28,200.0

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

Seq #	Project Name	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
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	*Utility Relocation Costs for Bond 2008	13,192.4	7,366.3	51.0	-	-	51.0
	*Utility Relocation Costs for Bond 2012	4,235.9	16,730.0	11,459.0	6,320.4	873.5	18,652.9
	*Utility Relocation Costs for Bond 2014	3,312.6	-	-	-	-	-
	**Utility Relocation Costs for TxDOT Projects	-	-	250.0	1,000.0	-	1,250.0
	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:	25,354.4	36,992.0	23,610.0	21,170.4	19,373.5	64,153.9
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PROGRAM FUNDING SCHEDULE:

CURRENTLY AVAILABLE FUNDING:

	Revenue Bond	25,354.4	36,992.0	-	-	-	-
	Storm Water Capital Reserves	-	-	350.0	-	-	350.0


	Total Currently Available:	25,354.4	36,992.0	350.0	-	-	350.0
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RECOMMENDED ADDITIONAL FUNDING:

	Revenue Bond	-	-	23,260.0	21,170.4	19,373.5	63,803.9
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	TOTAL PROGRAMMED FUNDS:	25,354.4	36,992.0	23,610.0	21,170.4	19,373.5	64,153.9
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PROJECT DESCRIPTION

<p>DEPARTMENT: <u>Storm Water</u></p> <p style="text-align: right;">Sequence #01</p> <p>PROJECT TITLE: <u>Lifecycle Pipe Rehabilitation/Replacement</u></p> <p>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</p> <p>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.</p>	<p>CITY WIDE</p> 
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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		78.3	224.0	280.0	280.0	784.0	Capital Budget Project No: 13003
Construction		517.6	1,480.0	1,850.0	1,850.0	5,180.0	Engineering Project No: E12146
Contingency		51.8	148.0	185.0	185.0	518.0	Finance Project No: E12146
Inspection/Other	0.5	51.8	148.0	185.0	185.0	518.0	A/E Consultant: RFQ
TOTAL:	0.5	699.5	2,000.0	2,500.0	2,500.0	7,000.0	Contractor: TBD
							Award Design: FY 2015
Source of Funds							Begin Construction: On-Going
Revenue Bonds	0.5	699.5	1,650.0	2,500.0	2,500.0	6,650.0	Anticipated Completion: On-Going
Storm Water Reserves			350.0			350.0	
TOTAL:	0.5	699.5	2,000.0	2,500.0	2,500.0	7,000.0	Total Project Value: \$25,200,00

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.

PROJECT DESCRIPTION

<p>DEPARTMENT: <u>Storm Water</u> Sequence #02</p> <p>PROJECT TITLE: <u>IDIQ Major Ditch Improvements</u> 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</p> <p>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.</p>	<p>CITY WIDE</p> 
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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		112.0	56.0	56.0	56.0	168.0	Capital Budget Project No: 12001
Construction		740.0	370.0	370.0	370.0	1,110.0	Engineering Project No: E12191
Contingency		74.0	37.0	37.0	37.0	111.0	Finance Project No: E12191
Inspection/Other		74.0	37.0	37.0	37.0	111.0	A/E Consultant: Various
TOTAL:		1,000.0	500.0	500.0	500.0	1,500.0	Contractor: TBD
Source of Funds							Award Design: TBD
Revenue Bonds		1,000.0	500.0	500.0	500.0	1,500.0	Begin Construction: On-Going
TOTAL:		1,000.0	500.0	500.0	500.0	1,500.0	Anticipated Completion: On-Going
							Total Project Value: \$6,000,000

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.

PROJECT DESCRIPTION

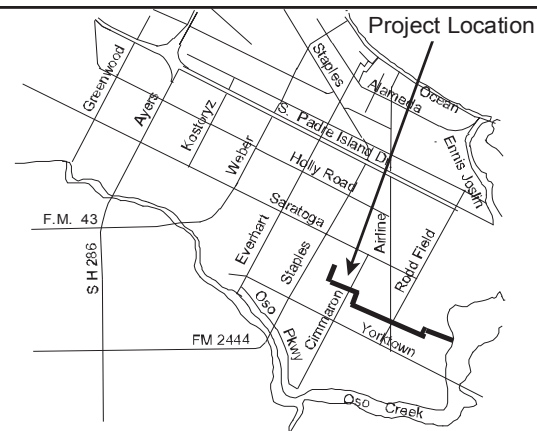
DEPARTMENT: Storm Water Sequence #03

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 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	39.7	108.2		56.0	56.0	112.0	Capital Budget Project No: 4008
Construction		714.8	200.0	370.0	370.0	940.0	Engineering Project No: 2235
Contingency		71.5	20.0	37.0	37.0	94.0	Finance Project No: 160092
Inspection/Other	8.0	71.5	30.0	37.0	37.0	104.0	A/E Consultant: Freese Nichols
TOTAL:	47.7	965.9	250.0	500.0	500.0	1,250.0	Contractor: TBD
Source of Funds							Award Design: July 2011
Revenue Bonds	47.7	965.9	250.0	500.0	500.0	1,250.0	Begin Construction: October 2014
TOTAL:	47.7	965.9	250.0	500.0	500.0	1,250.0	Anticipated Completion: March 2015
							Total Project Value: \$2,763,600

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)

PROJECT DESCRIPTION

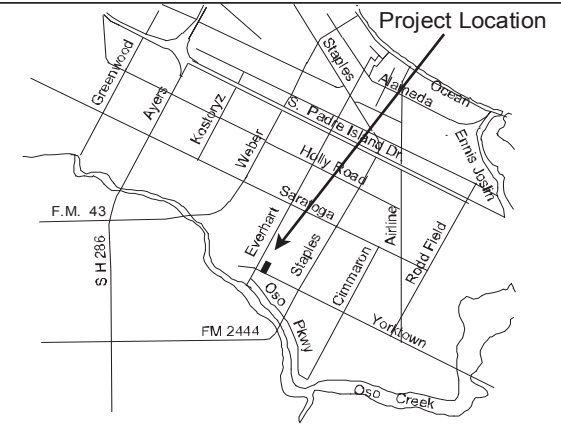
DEPARTMENT: Storm Water Sequence #04

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 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	72.9		135.0	134.4	78.4	347.8	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: February 2015 Total Project Value: \$6,958,600
Construction		800.0	900.0	888.0	518.0	2,306.0	
Contingency		80.0	90.0	88.8	51.8	230.6	
Inspection/Other	7.9	97.6	75.0	88.8	51.8	215.6	
TOTAL:	80.8	977.6	1,200.0	1,200.0	700.0	3,100.0	
Source of Funds							
Revenue Bonds	80.8	977.6	1,200.0	1,200.0	700.0	3,100.0	
TOTAL:	80.8	977.6	1,200.0	1,200.0	700.0	3,100.0	

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)

PROJECT DESCRIPTION

DEPARTMENT: Storm Water

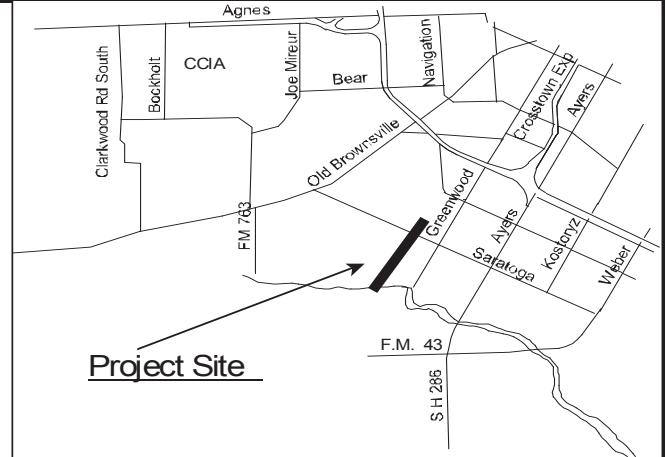
Sequence #05

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 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	138.0	50.0				-	Capital Budget Project No: 9002
Construction		1,000.0	1,700.0			1,700.0	Engineering Project No: E10200
Contingency		100.0	170.0			170.0	Finance Project No: E10200
Inspection/Other	67.2	50.0	130.0			130.0	A/E Consultant: Urban
TOTAL:	205.2	1,200.0	2,000.0			2,000.0	Contractor: TBD
Source of Funds							Award Design: December 2011
Revenue Bonds	205.2	1,200.0	2,000.0			2,000.0	Begin Construction: FY 2015
TOTAL:	205.2	1,200.0	2,000.0			2,000.0	Anticipated Completion: FY 2015
							Total Project Value: \$3,405,200

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.

PROJECT DESCRIPTION

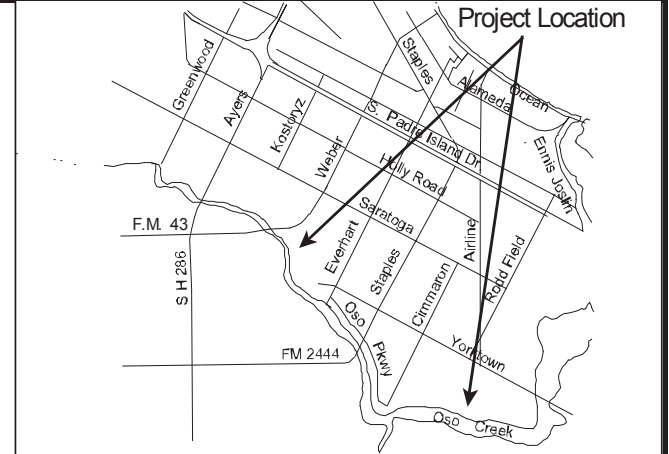
DEPARTMENT: Storm Water Sequence #06

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 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	667.7	1,500.0	400.0	400.0	400.0	1,200.0	Capital Budget Project No: 11003 Engineering Project No: E10201 Finance Project No: E10201 A/E Consultant: Naismith Contractor: TBD Award Design: December 2011 Begin Construction: N/A Anticipated Completion: N/A Total Project Value: \$4,695,500
Construction							
Contingency	27.8	500.0	100.0	100.0	100.0	300.0	
Inspection/Other							
TOTAL:	695.5	2,000.0	500.0	500.0	500.0	1,500.0	
Source of Funds							
Revenue Bonds	695.5	2,000.0	500.0	500.0	500.0	1,500.0	
TOTAL:	695.5	2,000.0	500.0	500.0	500.0	1,500.0	

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.

PROJECT DESCRIPTION

<p>DEPARTMENT: <u>Storm Water</u></p> <p style="text-align: right;">Sequence #07</p> <p>PROJECT TITLE: <u>Unanticipated Storm Water Capital Requirements</u> 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</p> <p>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.</p>	<p>CITY WIDE</p> 
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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	40.0	400.0	200.0	200.0	200.0	600.0	Engineering Project No: E12193
Contingency			20.0	20.0	20.0	60.0	Finance Project No: E12193
Inspection/Other	5.2	63.2	30.0	30.0	30.0	90.0	A/E Consultant: Various
TOTAL:	45.2	463.2	250.0	250.0	250.0	750.0	Contractor: Various
							Award Design: On-Going
Source of Funds							Begin Construction: On-Going
Revenue Bonds	45.2	463.2	250.0	250.0	250.0	750.0	Anticipated Completion: On-Going
TOTAL:	45.2	463.2	250.0	250.0	250.0	750.0	Total Project Value: \$250,000/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. 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)

PROJECT DESCRIPTION

DEPARTMENT: Storm Water

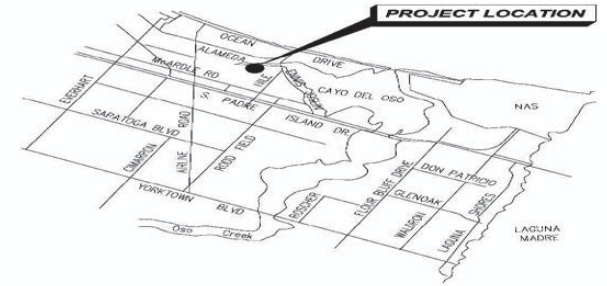
Sequence #08

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 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	40.0	400.0	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	5.0	80.0	50.0	50.0	50.0	150.0	Award Design: October 2013 Begin Construction: N/A Anticipated Completion: N/A Total Project Value: \$2,025,000
TOTAL:	45.0	480.0	300.0	300.0	300.0	900.0	
Source of Funds							
Revenue Bonds	45.0	480.0	300.0	300.0	300.0	900.0	
TOTAL:	45.0	480.0	300.0	300.0	300.0	900.0	

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)

PROJECT DESCRIPTION

DEPARTMENT: Storm Water

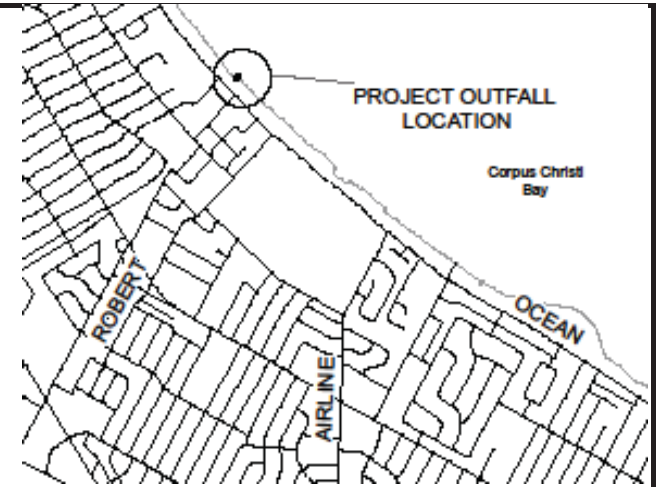
Sequence #09

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 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			215.0			215.0	Capital Budget Project No: 14-001
Construction			1,000.0	625.0		1,625.0	Engineering Project No: E14039
Contingency			100.0	60.0		160.0	Finance Project No: E14039
Inspection/Other			85.0	65.0		150.0	A/E Consultant: TBD
TOTAL:			1,400.0	750.0		2,150.0	Contractor: TBD
Source of Funds							Award Design: FY 2015
Revenue Bonds			1,400.0	750.0		2,150.0	Begin Construction: FY 2015
TOTAL:			1,400.0	750.0		2,150.0	Anticipated Completion: FY 2016
							Total Project Value: \$2,150,000

OPERATIONAL IMPACT:

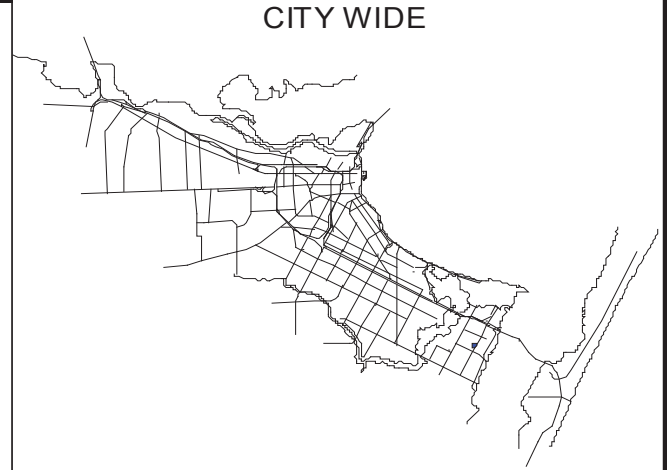
Restoration of storm water conveyance systems is critical to avoid potential "washouts" that may result in encroachment, flooding, and undermining of adjacent public/private structures including streets, bridges, utility line, building, and homes. Additionally, fully funding rehab/construction of drainage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

PROJECT DESCRIPTION

DEPARTMENT: Storm Water Sequence #10

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 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	58.3	86.0	67.2	67.2	67.2	201.6	Engineering Project No: E14035 Finance Project No: E14035 A/E Consultant: ECMS Contractor: Various Award Design: FY 2014 Begin Construction: On-Going Anticipated Completion: On-Going Total Project Value: \$600,000 / per year
Construction	384.9	568.2	444.0	444.0	444.0	1,332.0	
Contingency	38.5	56.8	44.4	44.4	44.4	133.2	
Inspection/Other	38.5	56.8	44.4	44.4	44.4	133.2	
TOTAL:	520.2	767.9	600.0	600.0	600.0	1,800.0	
Source of Funds							
Revenue Bonds	520.2	767.9	600.0	600.0	600.0	1,800.0	
TOTAL:	520.2	767.9	600.0	600.0	600.0	1,800.0	

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.

PROJECT DESCRIPTION

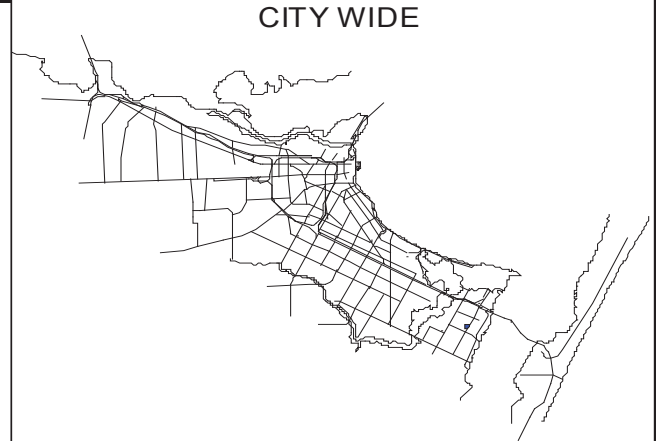
DEPARTMENT: Storm Water Sequence #11

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 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		302.0	28.0	28.0	28.0	84.0	Engineering Project No: E14041
Construction		1,995.4	185.0	185.0	185.0	555.0	Finance Project No: E14041
Contingency		199.5	18.5	18.5	18.5	55.5	A/E Consultant: Various
Inspection/Other	3.5	199.5	18.5	18.5	18.5	55.5	Contractor: TBD
TOTAL:	3.5	2,696.5	250.0	250.0	250.0	750.0	Award Design: On-Going
Source of Funds							Begin Construction: On-Going
Revenue Bonds	3.5	2,696.5	250.0	250.0	250.0	750.0	Anticipated Completion: On-Going
TOTAL:	3.5	2,696.5	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)

PROJECT DESCRIPTION

DEPARTMENT: Storm Water

Sequence #12

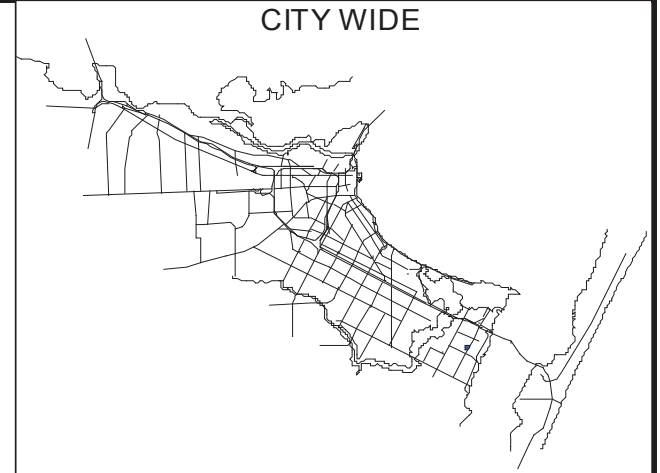
CITY WIDE

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.



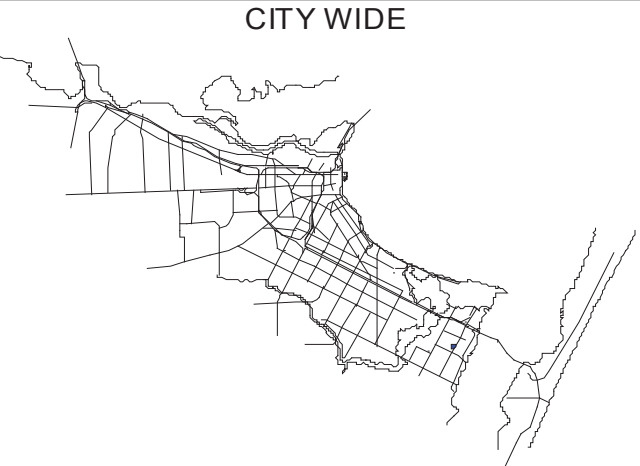
FUNDING SCHEDULE (Amounts in 000's)

Use of Funds	Project-to-Date Obligations 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	2,650.0	350.0	1,400.0	450.0	450.0	-	Capital Budget Project No: 09002 Engineering Project No: 2083 Finance Project No: 160270
Construction						-	
Contingency						-	
Inspection/Other	315.0	50.0	200.0	50.0	50.0	300.0	A/E Consultant: CH2MHILL Contractor: N/A
TOTAL:	2,965.0	400.0	1,600.0	500.0	500.0	2,600.0	Award Design: On-Going
Source of Funds							
Revenue Bonds	2,965.0	400.0	1,600.0	500.0	500.0	2,600.0	Begin Construction: N/A Anticipated Completion: N/A
TOTAL:	2,965.0	400.0	1,600.0	500.0	500.0	2,600.0	Total Project Value: \$6,465,000

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.

PROJECT DESCRIPTION

<p>DEPARTMENT: <u>Storm Water</u> Sequence #13</p> <p>PROJECT TITLE: <u>Major Outfall Assessment and Repairs</u> 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</p> <p>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.</p>	<p>CITY WIDE</p> 
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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:
Land Acquisition						-	Capital Budget Project No: 13001 Engineering Project No: E12145 Finance Project No: E12145 E13142 / E13112 A/E Consultant: HDR Contractor: TBD Award Design: June 2014 Begin Construction: TBD Anticipated Completion: TBD Total Project Value: \$300,000 / per year
Design & Engineering		66.7	33.6	33.6	33.6	100.8	
Construction		440.7	222.0	222.0	222.0	666.0	
Contingency		44.1	22.2	22.2	22.2	66.6	
Inspection/Other	4.5	44.1	22.2	22.2	22.2	66.6	
TOTAL:	4.5	595.5	300.0	300.0	300.0	900.0	
Source of Funds							
Revenue Bonds	4.5	595.5	300.0	300.0	300.0	900.0	
TOTAL:	4.5	595.5	300.0	300.0	300.0	900.0	

OPERATIONAL IMPACT:

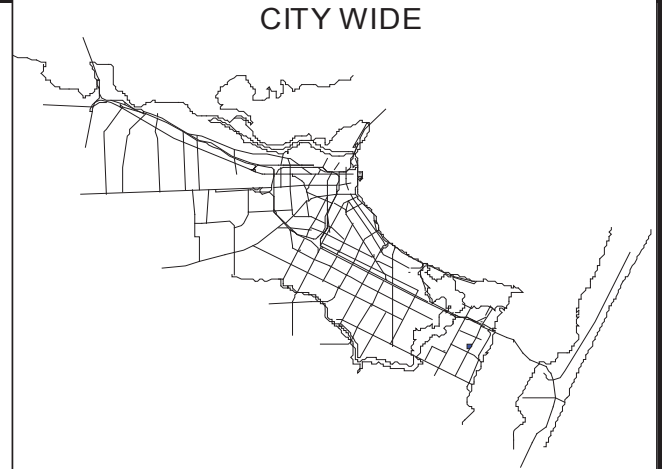
Restoration of channels and ditches and storm water conveyance systems is critical to avoid potential "washouts" that may result in encroachment, flooding and undermining of adjacent public/private structures including streets, bridges, utility lines, buildings, and homes. Additionally, fully funding 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.

PROJECT DESCRIPTION

DEPARTMENT: Storm Water Sequence #14

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 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		350.0	550.0			-	Capital Budget Project No: 12005
Construction				500.0	400.0	900.0	Engineering Project No: E12199
Contingency				50.0	40.0	90.0	Finance Project No: E12199
Inspection/Other	0.4	49.6	50.0	50.0	60.0	160.0	A/E Consultant: RVE, Inc. (pending)
TOTAL:	0.4	399.6	600.0	600.0	500.0	1,700.0	Contractor: N/A
Source of Funds							Award Design: FY 2015
Revenue Bonds	0.4	399.6	600.0	600.0	500.0	1,700.0	Begin Construction: FY 2016
TOTAL:	0.4	399.6	600.0	600.0	500.0	1,700.0	Anticipated Completion: FY 2017
							Total Project Value: \$5,600,000

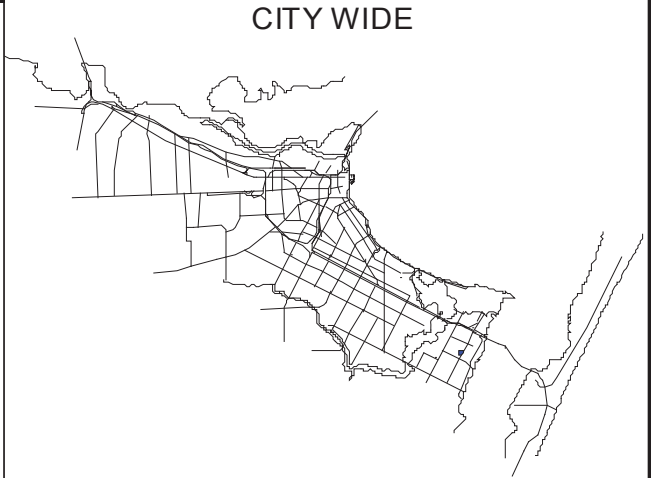
OPERATIONAL IMPACT:
 Identifying and prioritizing repairs is critical to avoid potential "cave-ins" that may result in undermining of adjacent public/private structures including streets, utility lines, buildings, and homes. Additionally, fully funding rehab/construction of bridges ultimately can reduce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

PROJECT DESCRIPTION

DEPARTMENT: Storm Water Sequence #15

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.

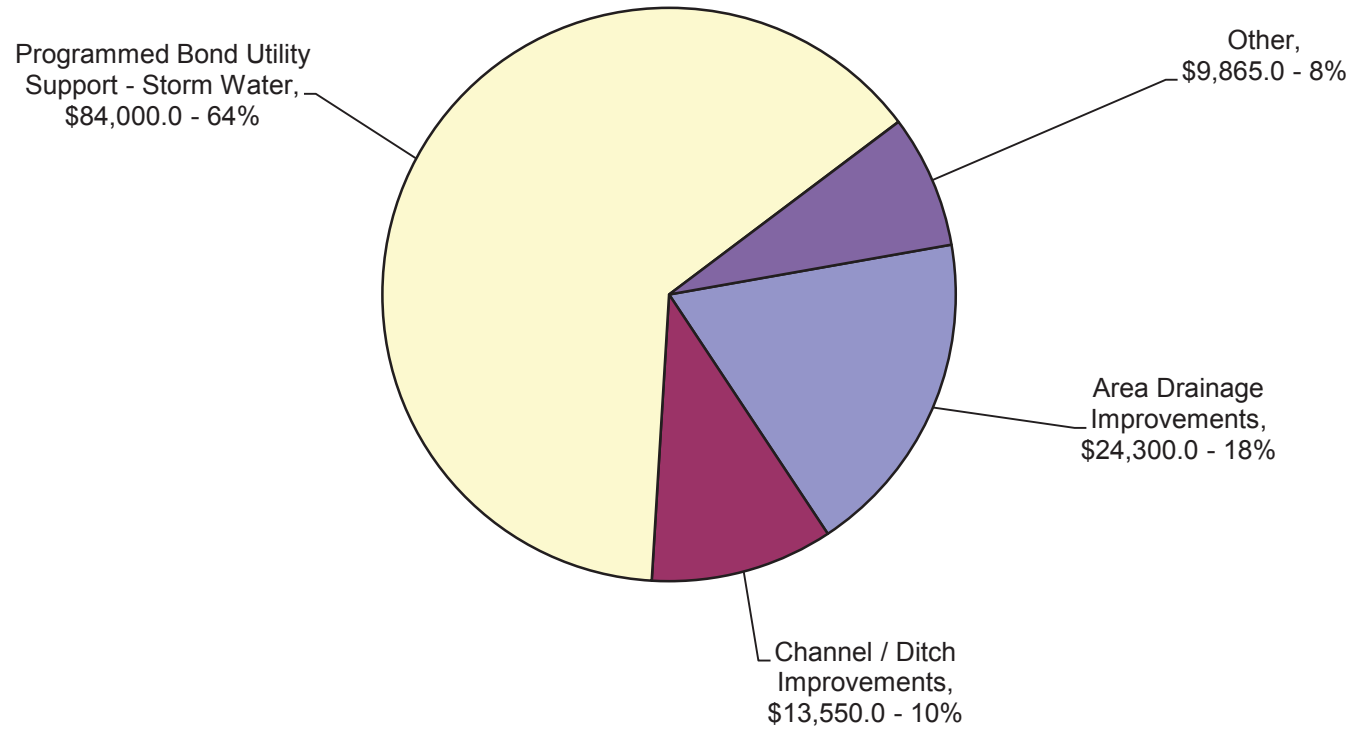


FUNDING SCHEDULE (Amounts in 000's)

Use of Funds	Project-to-Date Obligations 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 Construction Contingency Inspection/Other		250.0	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:		250.0	100.0	100.0	100.0	300.0	Award Design: N/A
Source of Funds							Begin Construction: N/A
Revenue Bonds		250.0	100.0	100.0	100.0	300.0	Anticipated Completion: N/A
TOTAL:		250.0	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: \$131,715.0
(Amounts in 000's)**



**STORM WATER
LONG-RANGE CIP**

		<u>Long-Range Year</u>
LR 01	<u>Indefinite Delivery/Indefinite Quantity (IDIQ) Major Ditch Improvements (Continuation)</u> 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.	\$3,500,000 4, 5, 6, 7, 8, 9, 10
LR 02	<u>Lifecycle Curb and Gutter Replacement (Continuation)</u> This is an ongoing project where damaged, rolled and failed curb and gutter is removed and replaced along with associated pavement repair throughout the City. In addition to improving drainage, areas considered hazardous to vehicular or pedestrian traffic will receive priority. This project will address problematic areas on a yearly basis as funding allows. Curb replacements shall be designed to exceed a 20-year service life.	\$4,200,000 4, 5, 6, 7, 8, 9
LR 03	<u>Minor Channel Improvements (Continuation)</u> This yearly project will involve minor storm water conveyance improvements, re-contouring, excavation, clearing and other various improvements to ditches and channels, upgrading box culverts and 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. Improvements will take place on a routine basis to the extent funding allows.	\$1,750,000 4, 5, 6, 7, 8, 9, 10
LR 04	<u>Unanticipated Storm Water Requirements (Continuation)</u> These are the storm water funds to be made available on a yearly basis for unanticipated projects or emergencies.	\$3,500,000 4, 5, 6, 7, 8, 9, 10
LR 05	<u>La Volla Creek Channel Excavation Phase 2</u> 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 for conveyance to the Oso Creek. Phase I included the removal of vegetation from the channel and channel widening in the vicinity of the bridge and the first 3,000 ft. down stream. Phase II includes the balance of the channel improvements.	\$5,000,000 4, 5

STORM WATER LONG-RANGE CIP

LR 06	<u>Oso Creek Basin Drainage Relief (Continuation)</u>	<u>\$500,000</u>	4
	The drainage profiles of Oso Creek east of the LaVolla Creek confluence shows several constrictions which impact the base flood elevations upstream. This project will investigate the feasibility of constructing 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.		
LR 07	<u>Major Outfall Assessment and Repairs (Continuation)</u>	<u>\$2,100,000</u>	4, 5, 6, 7, 8, 9, 10
	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 St., Power St. and Louisiana). The purpose of this current project is to provide an updated assessment, focusing in particular on 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.		
LR 08	<u>Developer Participation (Continuation)</u>	<u>\$700,000</u>	4, 5, 6, 7, 8, 9, 10
	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.		
LR 09	<u>Lifecycle Pipe Rehabilitation / Replacements (Continuation)</u>	<u>\$17,500,000</u>	4, 5, 6, 7, 8, 9, 10
	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 / or replace as required. This project will be implemented in a phased approach as funding allows.		
LR 10	<u>Meadowbrook / Egyptian /USACE Mitigation (Continuation)</u>	<u>\$600,000</u>	4, 5,
	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.		
LR 11	<u>Schanen Ditch Improvements (Continuation)</u>	<u>\$2,800,000</u>	4, 5, 6, 7
	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.		

STORM WATER LONG-RANGE CIP

LR 12	<u>Bridge Rehabilitation (Continuation)</u>	<u>\$3,500,000</u>	4, 5, 6, 7, 8, 9, 10
	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.		
LR 13	<u>Utility Building Expansion</u>	<u>\$1,565,000</u>	4, 5, 6
	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.		
LR 14	<u>Drainage Channel Excavation Master Channel 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 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.		
LR 15	<u>Lindale Phase II Neighborhood Drainage Improvements</u>	<u>TBD</u>	Pending Not Included in Total
	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 Reid Drive. This phase of the project provides for extension of the drainage trunk main and new laterals with inlets to reduce flooding.		

STORM WATER LONG-RANGE CIP

LR 16 <u>Ayers Street Drainage Improvements</u>	TBD	Pending Not Included in Total
<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>		
LR 17 <u>Belaire Park Subdivision Drainage Improvements</u>	TBD	Pending Not Included in Total
<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>		
LR 18 <u>Brighton Village Drainage Improvements</u>	TBD	Pending Not Included in Total
<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 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>		
LR 19 <u>Castle River Drainage Improvements</u>	TBD	Pending Not Included in Total
<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>		

STORM WATER LONG-RANGE CIP

LR 20	<u>CC Beach Drainage - Timon, Rincon Channel, CC Bay</u>	TBD	Pending Not Included in Total
	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.		
LR 21	<u>Central Park Subdivision Drainage Improvements</u>	TBD	Pending Not Included in Total
	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.		
	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.		
LR 22	<u>Chula Vista Area Drainage Improvements</u>	TBD	Pending Not Included in Total
	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.		
LR 23	<u>Cimarron Drainage Concrete Pilot Channel</u>	TBD	Pending Not Included in Total
	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.		
LR 24	<u>Club Estates, Phase II (Box Culvert Extension to Everhart)</u>	TBD	Pending Not Included in Total
	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.		

STORM WATER LONG-RANGE CIP

LR 25 <u>Comfort Inn @ US77</u>	TBD	Pending Not Included in Total
<p>The continued development along US77 has created excess surface flows that require increased underground drainage structures.</p>		
LR 26 <u>Crestmont Subdivision Area Drainage Improvements</u>	TBD	Pending Not Included in Total
<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>		
LR 27 <u>Cullen Place Subdivision Drainage Improvements</u>	TBD	Pending Not Included in Total
<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>		
LR 28 <u>Cupier/Portairs/Edgewood Park Drainage Improvements</u>	TBD	Pending Not Included in Total
<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>		

STORM WATER LONG-RANGE CIP

LR 29	<u>Downtown Drainage Improvements, Phase 3 - Hughes Street Pump Station Interceptor and Discharge</u>	TBD	Pending Not Included in Total
	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 1100 cubic feet per second 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.		
LR 30	<u>Drainage Channel Excavation – Clarkwood Ditch from Hwy 44 to Oso Creek</u>	TBD	Pending Not Included in Total
	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.		
LR 31	<u>Drainage Channel Excavation - Master Channel No. 29</u>	TBD	Pending Not Included in Total
	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.		
LR 32	<u>Ebony Acres Subdivision Drainage Improvements</u>	TBD	Pending Not Included in Total
	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.		
LR 33	<u>Graham Road Area Drainage Improvements - O'Neal Channel / Compton</u>	TBD	Pending Not Included in Total
	This project provides for the upgrade of the Graham Road drainage system to convey the discharge of a 100-year frequency rainfall event. The system is undersized and cannot convey the discharge from storms of any significant magnitude.		

STORM WATER LONG-RANGE CIP

LR 34 <u>Greenwood Park Area Drainage Improvements</u>	TBD	Pending Not Included in Total
<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>		
LR 35 <u>Herford Road Storm Drainage Improvements</u>	TBD	Pending Not Included in Total
<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>		
LR 36 <u>Gollihar Drive System - Ayers to Ocean Drive</u>	TBD	Pending Not Included in Total
<p>There are multiple areas experiencing slough-off along Horne Ditch near the Gabe Lozano Golf Course, with potential for encroachment on private property and outside the drainage easement. The project will identify solutions to restore and improve the drainage profile which may include replacing portions of the existing ditch with a concrete box culvert or similar structure and will employ erosion control measures including slope stabilization, soil treatment, vegetative cover and other best management practices. Design for the project was awarded under a previous contract, but construction will be delayed.</p>		
LR 37 <u>Inwood Village Area Drainage Improvements</u>	TBD	Pending Not Included in Total
<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>		

STORM WATER LONG-RANGE CIP

LR 38	<u>Kitty Hawk Drainage Improvements</u>	TBD	Pending Not Included in Total
	This project is to improve drainage adjacent to the Kitty Hawk subdivision south of Oso Creek. It may include upsizing the downstream drainage structure and expanding the drainage channel in the coves of Lago Vista area to pull capacity.		
LR 39	<u>Lamar Park Subdivision Area Drainage Improvements</u>	TBD	Pending Not Included in Total
	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.		
LR 40	<u>Lindale Senior Center Drainage Improvements, Phase 3</u>	TBD	Pending Not Included in Total
	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 complete the project.		
LR 41	<u>MaGee Drainage Ditch Improvements</u>	TBD	Pending Not Included in Total
	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.		
LR 42	<u>McGee Beach Drainage Improvements</u>	TBD	Pending Not Included in Total
	This project involves an assessment of the existing drainage system along McGee Beach. Three drainage systems along Shoreline Drive combine and outfall into Corpus Christi Bay. This drainage system experiences infiltration and has maintenance issues as a result. This project will address these concerns and plan and execute work to restore this system to function according to the original design intent.		
LR 43	<u>Mansheim Area Drainage Improvements</u>	TBD	Pending Not Included in Total
	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.		

STORM WATER LONG-RANGE CIP

LR 44 <u>McNorton Channel Improvements</u>	TBD	<p>McNorton Subdivision is located south of Leopard Street, east of Rand Morgan Road, and west of Clarkwood Road. This project will provide improvements to the McNorton Ditch to improve drainage from the McNorton Subdivision and Gilliam Street Industrial area, as well as other channel basin areas. This phased approach will provide critical channel and infrastructure improvements to address slope stabilization, long-term maintenance and drainage flow line. The project also includes industrial area improvements such as new inlets, surface embankments and other best management practices to reduce flooding. Phase 1A is complete and future phases are required to minimize erosion and potentially increase capacity and reduce water elevations. They will take place in future years as funding is available.</p>	<p>Pending Not Included in Total</p>
LR 45 <u>Meadowbrook Subdivision Drainage Improvements</u>	TBD	<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>	<p>Pending Not Included in Total</p>
LR 46 <u>Oso Place Subdivision Drainage Improvements</u>	TBD	<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>	<p>Pending Not Included in Total</p>
LR 47 <u>Parkdale Village Subdivision Drainage Improvements</u>	TBD	<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 additional drainage systems to relieve the existing system and provide adequate system capacity.</p>	<p>Pending Not Included in Total</p>
LR 48 <u>Ramfield Road Drainage Improvements</u>	TBD	<p>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.</p>	<p>Pending Not Included in Total</p>
LR 49 <u>Reflections Park Drainage Improvements</u>	TBD	<p>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.</p>	<p>Pending Not Included in Total</p>

STORM WATER LONG-RANGE CIP

<p>LR 50 <u>Sam Houston Subdivision Drainage Improvements</u></p> <p>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.</p>	<p>TBD</p>	<p>Pending Not Included in Total</p>
<p>LR 51 <u>Solar Estates Drainage Improvements</u></p> <p>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.</p>	<p>TBD</p>	<p>Pending Not Included in Total</p>
<p>LR 52 <u>Turtle Cove/Jester/Matlock Area Drainage</u></p> <p>This project will consist of a new underground drainage system and other drainage improvements to the northern area of Flour Buff for the area bounded by Flour Bluff Drive, Matlock, Military Drive, Jester Drive, NAS Drive, and the undeveloped properties along the southern NAS fence line. The existing roadside ditches along Jester and Matlock and outfall structures are inadequate to convey the storm water runoff from routine rain events. The project will be implemented in a phased design and construction approach. The first phase of construction was completed Spring 2013.</p>	<p>TBD</p>	<p>Pending Not Included in Total</p>
<p>LR 53 <u>Utica Street Drainage Improvements</u></p> <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>	<p>TBD</p>	<p>Pending Not Included in Total</p>

STORM WATER LONG-RANGE CIP

LR 54	<u>Village on the Green Area Drainage Improvements</u>	TBD	Pending Not Included in Total
	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.		
LR 55	<u>West Broadway Drainage Improvements</u>	TBD	Pending Not Included in Total
	A 42-inch diameter line crosses W. Broadway at Cabra St. This line previously drained into a swale along a railroad spur line to Tanchua 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.		
LR 56	<u>Willow/Brawner Parkway/Proctor Channel Outfall, Phase I</u>	TBD	Pending Not Included in Total
	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.		
LR 57	<u>Windsor Park/Claremont Subdivision Drainage Improvements</u>	TBD	Pending Not Included in Total
	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 to determine the extent of underground pipe necessary and the capacity of the existing outfall(s) for the area will be required. 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.		
LR 58	<u>Willow/Brawner Parkway/Proctor Channel Outfall, Phase I</u>	TBD	Pending Not Included in Total
	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.		

**STORM WATER
LONG-RANGE CIP**

LR 59 Williams Street Outfall (Support Bond 2008) (Continued)

This project supports Bond 2008 Williams Drive Street Project and is necessary to accommodate the projected storm water flows. This project provides for the "off-site" drainage improvements to convey the storm water from the project site to the receiving outfall waters. These improvement move the additional flows associated with the street and other storm water improvements such as curb & gutter, inlets and underground drainage. The open channel drainage ditch east of Rodd Field Road will be improved to convey additional water due to improvements associated with Williams Drive. The project will also help alleviate flooding problems along Williams Drive. This project was designed as part of the William Drive Project and construction will occur in FY 16 and 17 after Williams road and utility work is complete.

TBD

LR 60 Future Programmed Bond Utility Support - Storm Water

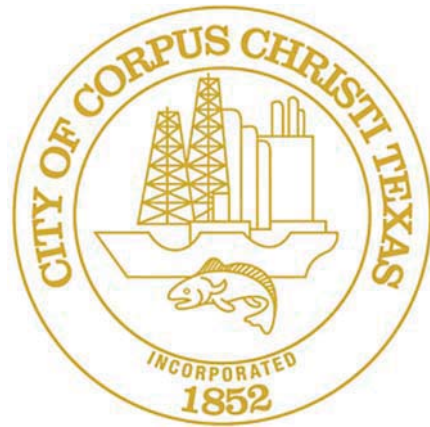
\$84,000,000

This project supports utility work for General Obligation Bond, Texas Department of Transportation, and Community Development Block Grant Street Projects as they occur.

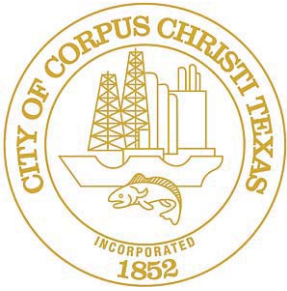
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TOTAL FUTURE CAPITAL IMPROVEMENT NEEDS:

\$131,715,000



Water Supply



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 summer 2015.

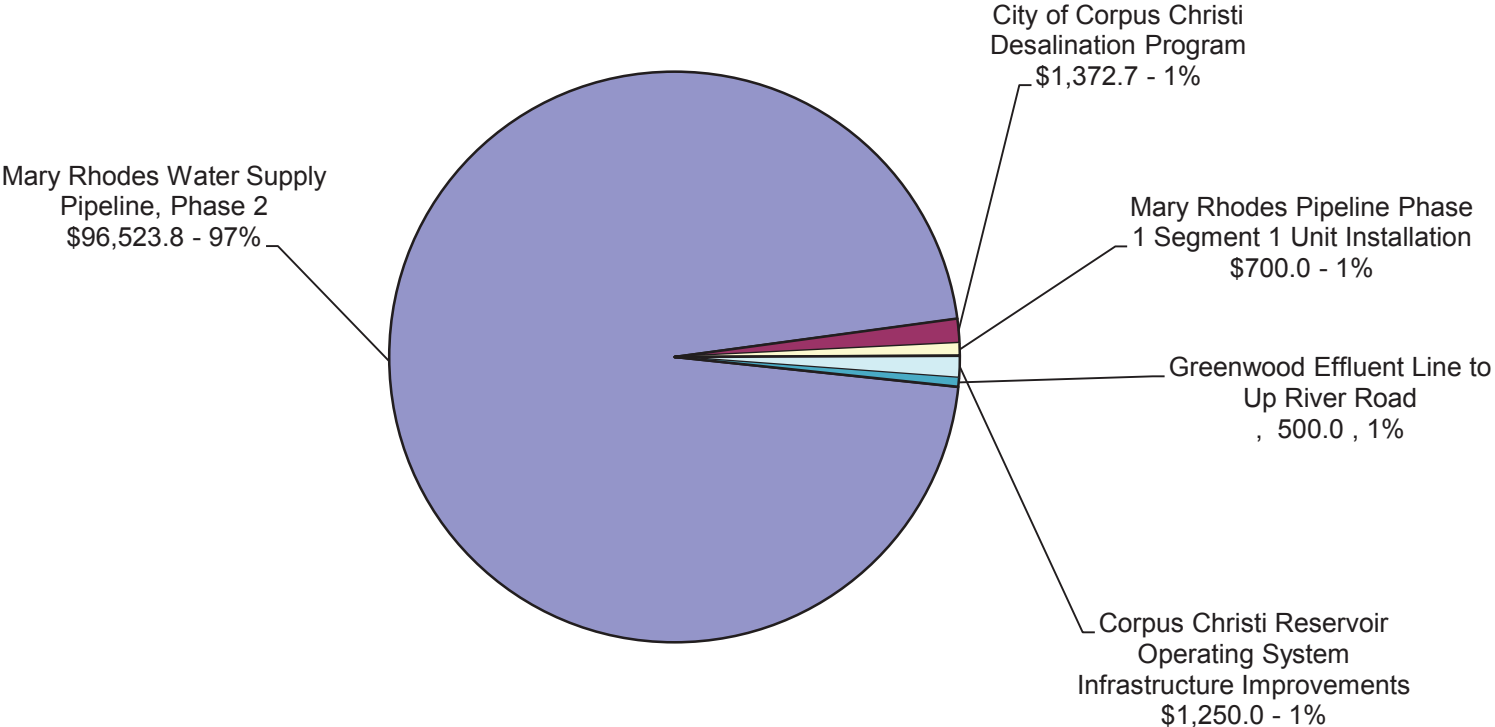
A second project to ensure the City's future water supply is the City of Corpus Christi Desalination Program. This project consists of three phases and will result in a Demonstration Project to site, construct and implement a test desalination plant operating at 200,000 gallons per day. The assessment 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 2014 – 2015	YEAR TWO 2015– 2016	YEAR THREE 2016 – 2017
TOTAL PROGRAMMED EXPENDITURES:	\$100,346,500	\$ 6,500,000	\$ 17,941,200
FUNDING:			
Existing Revenue Bonds	\$ 96,523,800	\$ 0	\$ 0
Raw Water Supply Fund	\$ 1,372,700	\$ 0	\$ 0
New Debt (Revenue Bonds)	\$ 2,450,000	\$ 6,500,000	\$ 17,941,200
TOTAL PROGRAMMED FUNDS:	\$100,346,500	\$ 6,500,000	\$ 17,941,200

**Water Supply
Annual CIP: \$100,346.5
(Amounts in 000's)**



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

Seq #	Project Name	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
WS 01	Mary Rhodes Water Supply Pipeline, Phase 2 Finance and Engineering Number: E10008	63,730.2	694.0	96,523.8	-	-	96,523.8
WS 02	City of Corpus Christi Desalination Program Finance and Engineering Number: E13063	1,068.6	514.0	1,372.7	-	-	1,372.7
WS 03	Choke Canyon Dam Spillway Gate Rehabilitation Finance and Engineering Number: E14043	-	4,300.0	-	-	-	-
WS 04	Wesley Seale Instrumentation Testing and Replacement Finance Number: 8663 Engineering Number: 180548	50.5	800.0	-	3,000.0	1,950.0	4,950.0
WS 05	Mary Rhodes Pipeline Phase 1 Segment 1 Unit Installation Finance and Engineering Number: E13037	-	-	700.0	750.0	2,741.2	4,191.2
WS 06	Corpus Christi Reservoir Operating System Infrastructure Improvements Finance and Engineering Number: E13050	-	250.0	1,250.0	1,250.0	1,250.0	3,750.0
WS 07	Greenwood Effluent Line to Up River Road Finance and Engineering Number: TBD	-	-	500.0	1,500.0	12,000.0	14,000.0
	TOTAL PROGRAMMED EXPENDITURES:	64,849.3	6,558.0	100,346.5	6,500.0	17,941.2	124,787.7

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

Seq #	Project Name	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
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PROGRAM FUNDING SCHEDULE:

CURRENTLY AVAILABLE FUNDING:

	Revenue Bond	55,816.6	1,744.0	96,523.8	-	-	96,523.8
	Texas Water Development Board Loan	7,964.1	-	-	-	-	-
	Water Operating	101.9	-	-	-	-	-
	Raw Water Supply Fund	966.7	114.0	1,372.7	-	-	1,372.7
	Bureau of Reclamation Grant	-	400.0	-	-	-	-
	Choke Canyon Trust Fund	-	4,300.0	-	-	-	-
	Total Currently Available:	64,849.3	6,558.0	97,896.5	-	-	97,896.5

RECOMMENDED ADDITIONAL FUNDING:

	Revenue Bond	-	-	2,450.0	6,500.0	17,941.2	26,891.2
	TOTAL PROGRAMMED FUNDS:	64,849.3	6,558.0	100,346.5	6,500.0	17,941.2	124,787.7

PROJECT DESCRIPTION

DEPARTMENT: Water Supply

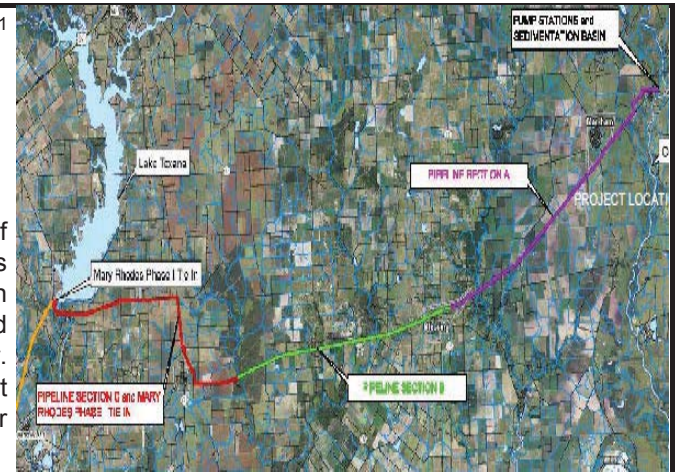
Sequence #01

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. In February 2014, two construction contracts were awarded to complete the project. The first contract consisted of the construction of two earthen sedimentation basins and two pump stations to begin moving the water. The second contract included the installation of approximately 218,600 of various diameter pipe to transport the water and a 6 million gallon tank holding tank. The project is anticipated to be complete in early summer 2015.



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:
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: June 2015 Total Project Value: \$160,948,003 RAW WATER SUPPLY
Land Acquisition	9,860.5						
Design & Engineering	13,623.1		3,763.8			3,763.8	
Construction	39,212.9		74,075.7			74,075.7	
Contingency			11,328.0			11,328.0	
Inspection/Other	221.2	694.0	7,356.3			7,356.3	
TOTAL:	63,730.2	694.0	96,523.8			96,523.8	
Source of Funds							
Revenue Bond	55,766.1	694.0	96,523.8			96,523.8	
Tx Water Development Board	7,964.1						
TOTAL:	63,730.2	694.0	96,523.8			96,523.8	

OPERATIONAL IMPACT:

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

PROJECT DESCRIPTION

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 proposed City of Corpus Christi Desalination Program consists of three phases. Phase 1 is a Demonstration Project and Grant Application Award. Phase 2 is the Plant Siting and Variable Salinity Testing Protocol. Phase 3 is Variable Salinity Data Collection and Technology Testing. The City has completed Phase 1 and has issued a Professional Services contract amendment to begin Phase 2. This phase will result in four technical memoranda leading up to the implementation of the demonstration project. Information will include: desalination technologies and pilot plant siting, and development of requirements and protocols for future work. The Demonstration Project will construct and implement a test plant operating at 200,000 gallons per day. The assessment will be on-going for 25 months and information will be shared with various agencies. Future grants will be solicited to help with the cost of construction of the pilot 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	1,065.5		100.0			100.0	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		400.0	1,000.0			1,000.0	
Contingency			100.0			100.0	
Inspection/Other	3.1	114.0	172.7			172.7	
TOTAL:	1,068.6	514.0	1,372.7			1,372.7	
Source of Funds							
Water Operating	101.9					1,372.7	
Raw Water Supply Fund	966.7	114.0	1,372.7				
Bureau of Reclamation Grant		400.0					
TOTAL:	1,068.6	514.0	1,372.7			1,372.7	

OPERATIONAL IMPACT:

Too early in the process to determine costs and revenues.

PROJECT DESCRIPTION

DEPARTMENT: Water Supply

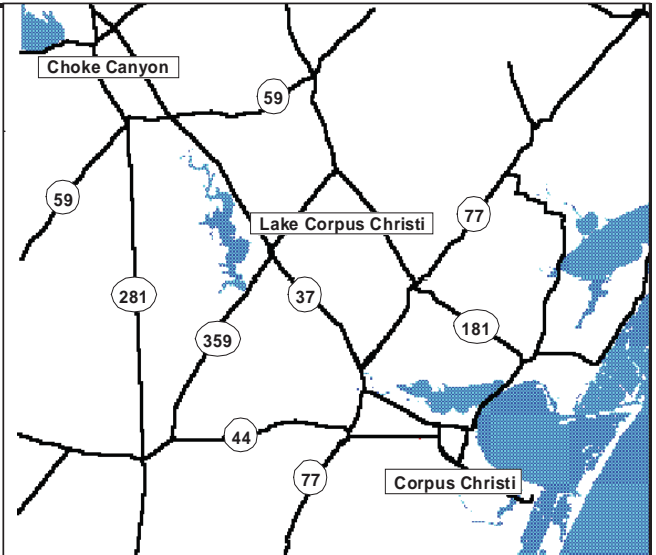
Sequence #03

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 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		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		318.8				-	
TOTAL:		4,300.0				-	
Source of Funds							
Choke Canyon Trust Fund		4,300.0				-	
TOTAL:		4,300.0				-	

OPERATIONAL IMPACT:

Too early in the process to determine costs and revenues.

PROJECT DESCRIPTION

DEPARTMENT: Water Supply

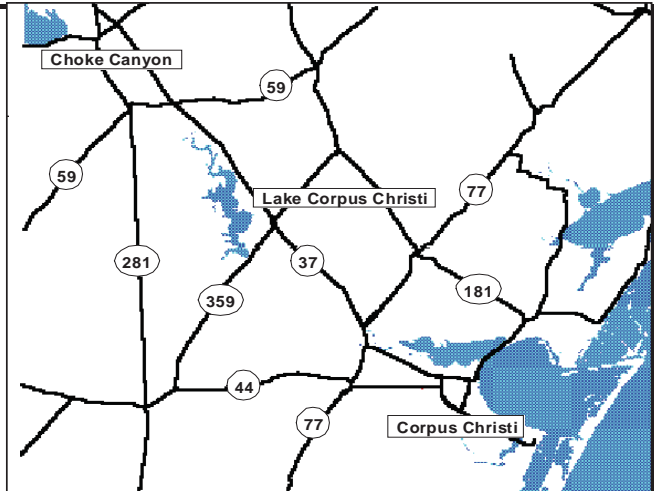
Sequence #04

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:

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.



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	49.1	700.0		200.0		200.0	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				2,300.0	1,650.0	3,950.0	
Contingency				230.0	165.0	395.0	
Inspection/Other	1.4	100.0		270.0	135.0	405.0	
TOTAL:	50.5	800.0		3,000.0	1,950.0	4,950.0	
Source of Funds							
Revenue Bond	50.5	800.0		3,000.0	1,950.0	4,950.0	
TOTAL:	50.5	800.0		3,000.0	1,950.0	4,950.0	TREATMENT

OPERATIONAL IMPACT:

This project will ensure the City is providing reservoir supplies and has secured the structural integrity of the dam.

PROJECT DESCRIPTION

DEPARTMENT: Water Supply

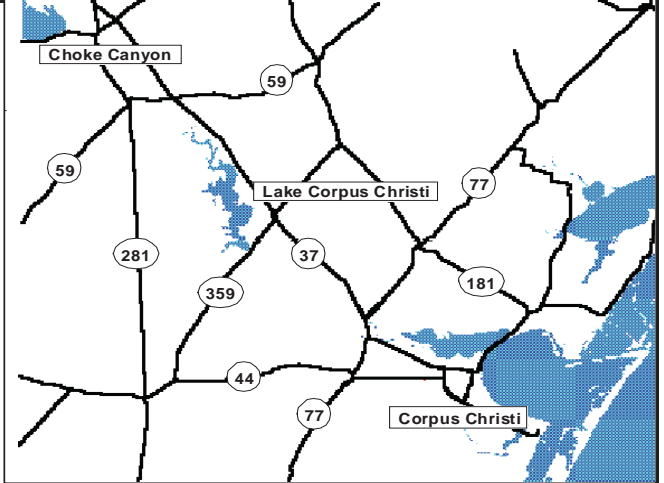
Sequence #05

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 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			600.0	650.0		1,250.0	Capital Budget Project No: 14003 Engineering Project No: E13037 Finance Project No: E13037 A/E Consultant: RFQ Contractor: N/A Award Design: Fiscal Year '15 Award Construction: Fiscal Year '17 Anticipated Completion: Fiscal Year '20 Total Project Value: \$12,415,100
Construction					2,400.0	2,400.0	
Contingency					240.0	240.0	
Inspection/Other			100.0	100.0	101.3	301.3	
TOTAL:			700.0	750.0	2,741.3	4,191.3	
Source of Funds							
Revenue Bond			700.0	750.0	2,741.3	4,191.3	
TOTAL:			700.0	750.0	2,741.3	4,191.3	RAW WATER SUPPLY

OPERATIONAL IMPACT:

This project will improve pipeline efficiencies and reduce costs.

PROJECT DESCRIPTION

DEPARTMENT: Water Supply

Sequence #06

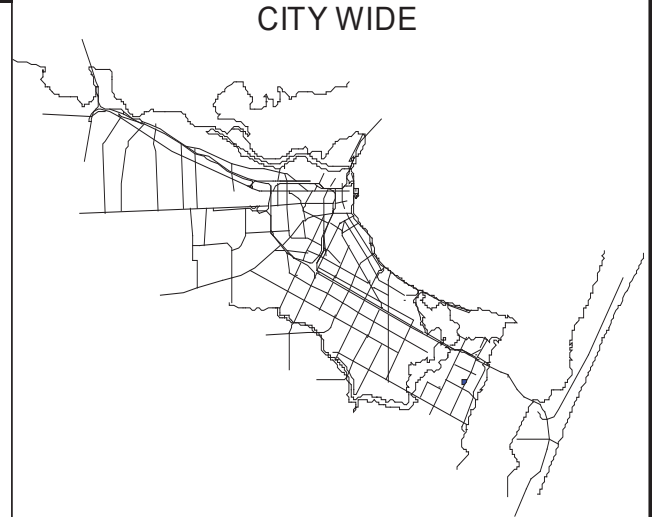
CITY WIDE

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 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 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	100.0	100.0	100.0	300.0	Capital Budget Project No: 14006 Engineering Project No: E13050 Finance Project No: E13050 A/E Consultant: TBD Contractor: TBD Award Design: Fiscal Year '15 Award Construction: Fiscal Year '16 Anticipated Completion: On-Going Total Project Value: \$10,000,000
Construction		100.0	1,000.0	1,000.0	1,000.0	3,000.0	
Contingency			100.0	100.0	100.0	300.0	
Inspection/Other		50.0	50.0	50.0	50.0	150.0	
TOTAL:		250.0	1,250.0	1,250.0	1,250.0	3,750.0	
Source of Funds							
Revenue Bond		250.0	1,250.0	1,250.0	1,250.0	3,750.0	
TOTAL:		250.0	1,250.0	1,250.0	1,250.0	3,750.0	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.

PROJECT DESCRIPTION

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.



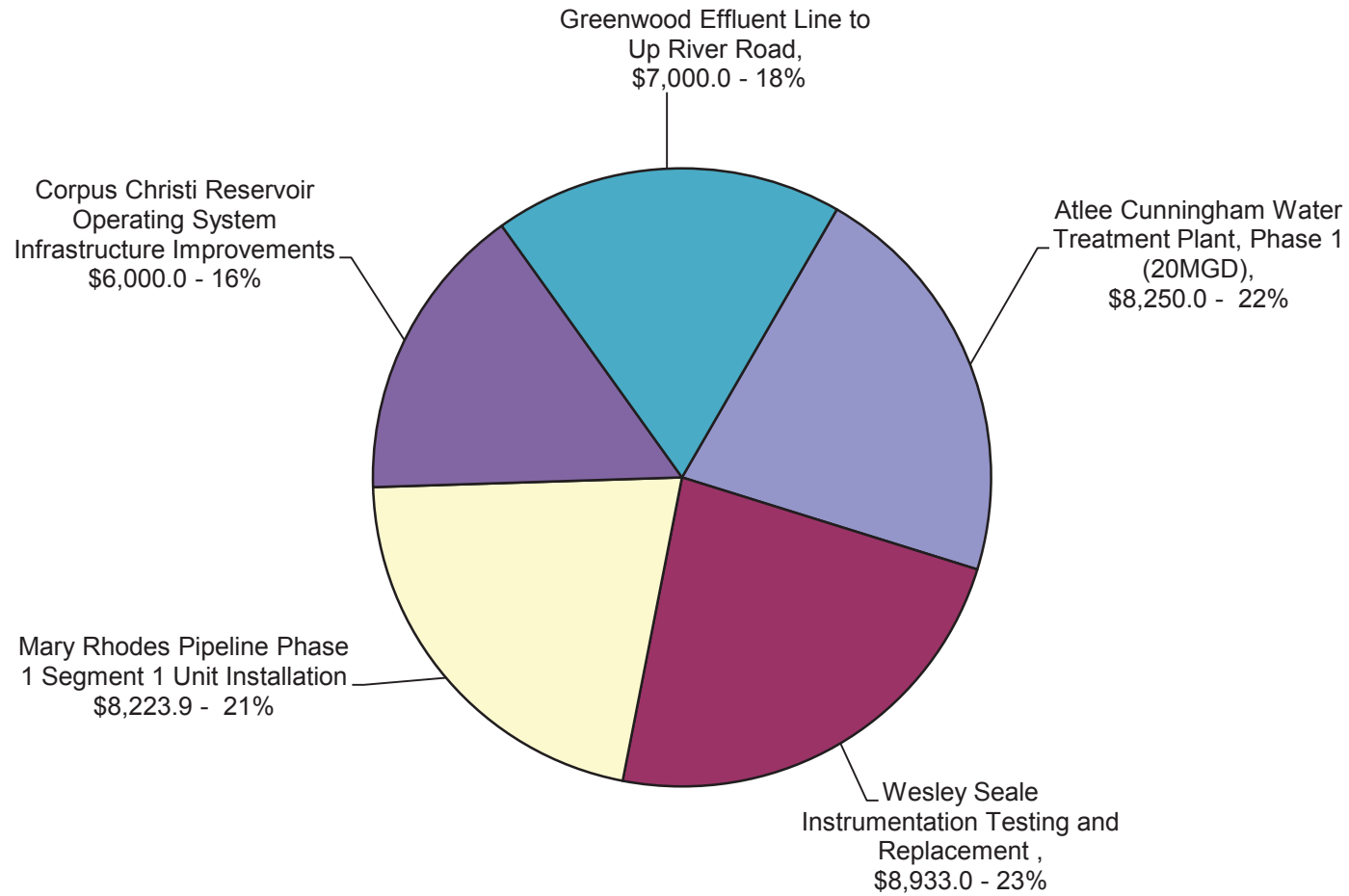
FUNDING SCHEDULE (Amounts in 000's)

Use of Funds	Project-to-Date Obligations 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			450.0	1,200.0		1,650.0	Capital Budget Project No: 15-0001 Engineering Project No: TBD Finance Project No: TBD A/E Consultant: TBD Contractor: TBD Award Design: Fiscal Year '15 Award Construction: Fiscal Year '16 Anticipated Completion: Fiscal Year '19 Total Project Value: \$21,000,000
Construction					10,000.0	10,000.0	
Contingency					1,000.0	1,000.0	
Inspection/Other			50.0	300.0	1,000.0	1,350.0	
TOTAL:			500.0	1,500.0	12,000.0	14,000.0	
Source of Funds							
Revenue Bond			500.0	1,500.0	12,000.0	14,000.0	
TOTAL:			500.0	1,500.0	12,000.0	14,000.0	WATER SUPPLY

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.

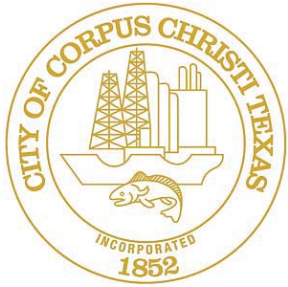
**Water Supply
Long-Range CIP: \$38,406.9
(Amounts in 000's)**



**WATER SUPPLY
LONG-RANGE CIP**

		Long-Range Year
1	<p><u>Wesley Seale Instrumentation Testing and Replacement (Continuation)</u> \$8,933,000</p> <p>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.</p>	4, 5, 6, 7,
2	<p><u>Mary Rhodes Pipeline Phase 1 Segment 1 Unit Installation (Continuation)</u> \$8,223,900</p> <p>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.</p>	4, 5, 6
3	<p><u>Corpus Christi Reservoir Operating System Infrastructure Improvements (Continuation)</u> \$6,000,000</p> <p>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.</p>	4, 5, 6, 7, 8, 9
4	<p><u>Greenwood Effluent Line to Up River Road (Continuation)</u> \$7,000,000</p> <p>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.</p>	4
5	<p><u>Atlee Cunningham WTP, Phase 1 (20MGD)</u> \$8,250,000</p> <p>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).</p>	6, 7, 8, 9
TOTAL FUTURE CAPITAL IMPROVEMENT NEEDS:		\$38,406,900

Water



CITY OF CORPUS CHRISTI WATER PROGRAM

The City's Fiscal Year 2014 – 2015 Water Capital Improvement Program (CIP) contains twenty (20) projects with a total value of \$24.4 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, Raw Water Diversion, 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.

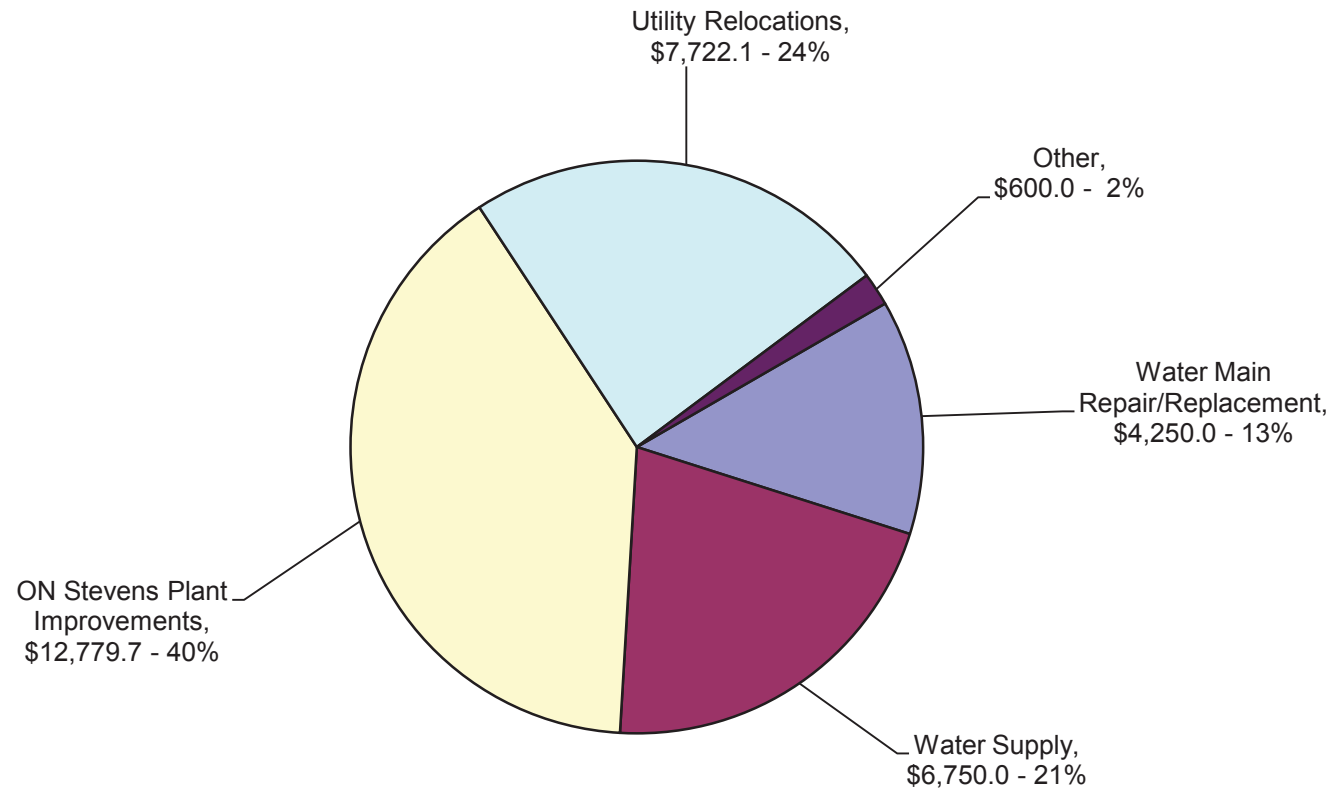
A major upgrade will take place at the Nueces River Raw Water Pump Station over the next several years to meet current and future peak water demands. The Nueces River Pump Station provides water to the ONSWTP at a pumping capacity of 140.5 MGD when all six raw water pumps are operational. Pump Building No. 1 is over 50 years old and four of its pumps were struck by lightning several years ago and damaged beyond repair.

In addition to the planned water projects, the Water Capital Improvement Program Budget includes over \$7.7 M 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 General Obligation Bond Election and programmed by TxDOT for fiscal years 2015 and 2016.

A recap of the budgeted expenditures includes:

	YEAR ONE 2014– 2015	YEAR TWO 2015 – 2016	YEAR THREE 2016 – 2017
TOTAL PROGRAMMED EXPENDITURES:	\$ 32,101,800	\$ 49,813,000	\$ 41,354,300
FUNDING:			
Water Capital Reserves	\$ 450,000	\$ 0	\$ 0
New Debt (Revenue Bonds)	\$ 31,651,800	\$ 49,813,000	\$ 41,354,300
TOTAL PROGRAMMED FUNDS:	\$ 32,101,800	\$ 49,813,000	\$ 41,354,300

Water
Annual CIP: \$32,101.8
(Amounts in 000's)



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

Seq #	Project Name	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
WA 01	Programmed Water Line Service Life Extension Finance Number: 180198 Engineering Number: 8610	2,084.2	2,349.8	2,500.0	2,500.0	2,616.7	7,616.7
WA 02	Padre Island Alternate Water Transmission Main Finance and Engineering Number: E10172	8,248.3	2,871.2	-	-	-	-
WA 03	Alternative Capacity Power Generation Project Finance and Engineering Number: E12141	38.3	3,752.3	-	-	-	-
WA 04	Elevated Water Storage Tanks (Alternate Capacity Requirement, Phase 2) Finance and Engineering Number: E11012	3.5	546.5	750.0	5,200.0	5,200.0	11,150.0
WA 05	ON Stevens Alum Facilities and Fluoride Replacement Finance and Engineering Number: E12211	0.7	1,149.3	1,150.0	2,150.0	-	3,300.0
WA 06	ONS WTP High Service Building No. 3 and Clearwell No. 1 Repair Finance and Engineering Number: E11066	769.3	30.7	5,000.0	8,000.0	8,000.0	21,000.0
WA 07	ONS WTP AEP Transmission Line Relocation Finance and Engineering Number: E10187	2,489.1	943.9	2,224.6	-	-	2,224.6

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

Seq #	Project Name	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
WA 08	ON Stevens Raw Water Influent Improvements Finance and Engineering Number: 180415	2,026.0	-	3,000.0	8,000.0	8,000.0	19,000.0
WA 09	Water Program Management Finance and Engineering Number: E11069	289.9	550.0	250.0	250.0	200.0	700.0
WA 10	ONS Water Treatment Plant Interim Sludge Management Improvements Finance and Engineering Number: E13052	3.3	996.7	500.0	500.0	-	1,000.0
WA 11	ON Stevens Polymer Liquid Ammonium Sulfate (LAS) Facilities Replacement Finance and Engineering Number: E13038	-	-	405.1	1,620.0	1,620.0	3,645.1
WA 12	Water System Master Plan Development Finance and Engineering Number: E13029	0.6	249.4		200.0	150.0	350.0
WA 13	ONS Water Treatment Plant Site Infrastructure Improvements Finance and Engineering Number: E13051	-	500.0	500.0	500.0	-	1,000.0
WA 14	System-Wide Process Control Reliability Improvements Finance and Engineering Number: E13031	-	750.0	250.0	-	-	250.0

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

Seq #	Project Name	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
WA 15	Staples Street Pump Station Phase 2 - Third and Fourth Pumps Finance and Engineering Number: E12004	292.5	2,271.7		-	-	-
WA 16	Water Transmission Infrastructure Cathodic Protection Improvements Finance and Engineering Number: E13048	-	1,000.0	1,000.0	1,000.0		2,000.0
WA 17	Developer Utility Participation - Water Finance and Engineering Number: E12213	-	200.0	100.0	100.0	-	200.0
WA 18	Water Meter and Automated Meter Reading Improvements Finance and Engineering Number: E13049	-	250.0	250.0	250.0		500.0
WA 19	Naval Air Station Water Distribution Infrastructure Improvements Finance and Engineering Number: TBD	-	-	500.0	3,500.0	1,000.0	5,000.0
WA 20	Nueces River Raw Water Pump Station Finance Number: E11068 Engineering Number: E11068	1,767.4	647.3	6,000.0	7,300.0	7,000.0	20,300.0
Water Program Sub-Total:		18,013.1	19,058.8	24,379.7	41,070.0	33,786.7	99,236.4

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

Seq #	Project Name	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
	*Utility Relocation Costs for Bond 2008	2,765.0	3,470.7	379.5	-	-	379.5
	*Utility Relocation Costs for Bond 2012	1,108.2	4,493.7	3,996.3	2,797.6	1,567.6	8,361.5
	*Utility Relocation Costs for Bond 2014	1,007.8	-	-	-	-	-
	** Utility Relocation Costs for TxDOT Projects	-	-	1,046.3	3,545.4		4,591.7
	Future Programmed Bond Utility Support	-	-	2,300.0	2,400.0	6,000.0	10,700.0

** relocation costs and funding reflected within Streets Program*

*** programmed by Texas Department of Transportation*

	TOTAL PROGRAMMED EXPENDITURES:	22,894.1	27,023.2	32,101.8	49,813.0	41,354.3	123,269.1
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CURRENTLY AVAILABLE FUNDING:

	Existing Revenue Bond	14,946.5	27,023.2	-	-	-	-
	Texas Water Development Board Loan	7,860.2	-	-	-	-	-
	Water Capital Reserves	87.4	-	450.0	-	-	450.0

	Total Currently Available:	22,894.1	27,023.2	450.0	-	-	450.0
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RECOMMENDED ADDITIONAL FUNDING:

	Revenue Bond	-	-	31,651.8	49,813.0	41,354.3	122,819.1
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	TOTAL PROGRAMMED FUNDS:	22,894.1	27,023.2	32,101.8	49,813.0	41,354.3	123,269.1
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PROJECT DESCRIPTION

DEPARTMENT: Water

Sequence #01

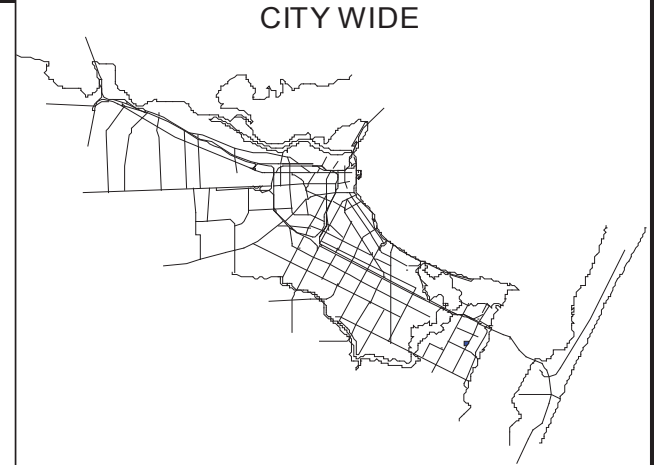
CITY WIDE

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 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	551.0					-	Capital Budget Project No: 11006
Construction	1,503.5	2,000.0	2,000.0	2,000.0	2,100.0	6,100.0	Engineering Project No: 8610
Contingency		200.0	200.0	200.0	210.0	610.0	Finance Project No: 180198
Inspection/Other	29.7	149.8	300.0	300.0	306.7	906.7	A/E Consultant: Various
TOTAL:	2,084.2	2,349.8	2,500.0	2,500.0	2,616.7	7,616.7	Contractor: In-House / Various
Source of Funds							Award Design: On-Going
Revenue Bond	2,084.2	2,349.8	2,050.0	2,500.0	2,616.7	7,166.7	Award Construction: On-Going
Water Reserves			450.0			450.0	Anticipated Completion: On-Going
TOTAL:	2,084.2	2,349.8	2,500.0	2,500.0	2,616.7	7,616.7	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.

PROJECT DESCRIPTION

DEPARTMENT: Water

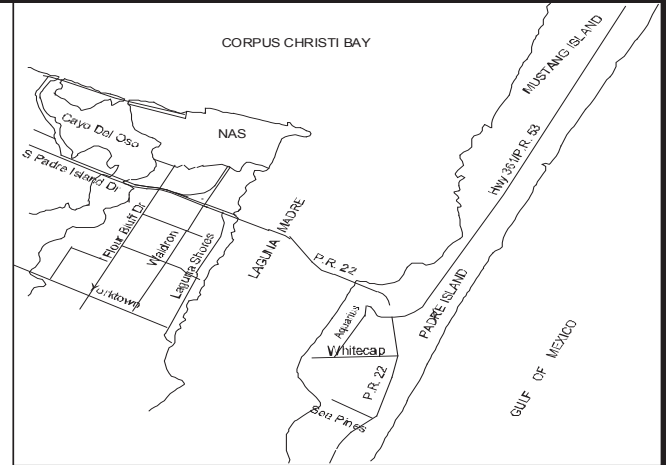
Sequence #02

PROJECT TITLE: Padre Island Alternate Water Transmission Main

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

DESCRIPTION:

The existing single water feed on Padre Island is a 24-inch ductile iron pipe over thirty years old. Recent improvements to Padre Island water system include the addition of an elevated water storage tank which has greatly helped with water pressures. An engineering study was completed to assess existing demographics, water pressure, water requirements and plan interim improvements to the island's water system. This study recommended the construction of a new transmission line. The new transmission line is currently under design; construction is scheduled to be completed by the end of FY 14.



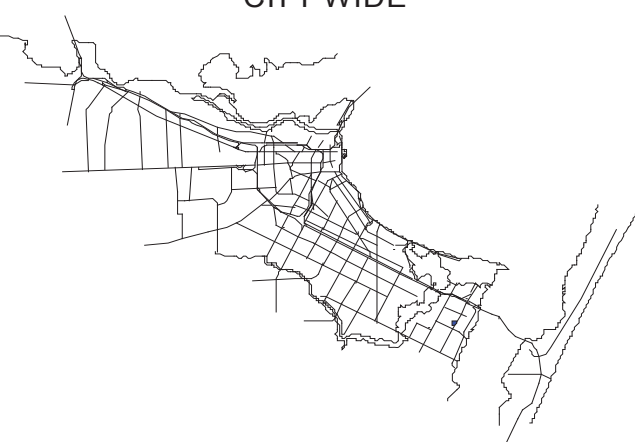
FUNDING SCHEDULE (Amounts in 000's)

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	735.4					-	Capital Budget Project No: 11004 Engineering Project No: E10172 Finance Project No: E10172 A/E Consultant: Urban Eng. Contractor: Bridges Specialties Award Design: June 2011 Award Construction: February 2014 Anticipated Completion: November 2014 Total Project Value: \$11,119,500
Construction	7,308.3					-	
Contingency						-	
Inspection/Other	204.6	2,871.2				-	
TOTAL:	8,248.3	2,871.2				-	
Source of Funds							
Revenue Bond	8,248.3	2,871.2				-	
TOTAL:	8,248.3	2,871.2				-	NETWORK

OPERATIONAL IMPACT:

This project will look at existing demographics, water pressures, water requirements and plan interim improvements to the Island's water supply system in lieu of completing the more costly Southside Water Transmission Main at this time.

PROJECT DESCRIPTION

<p>DEPARTMENT: <u>Water</u></p> <p style="text-align: right;">Sequence #03</p> <p>PROJECT TITLE: <u>Alternative Capacity Power Generation</u></p> <p><i>Consistency with the Comprehensive Plan: Policy Statements pp. 48: 1,3 & 6; pp. 55-57; Water Master Plan</i></p> <p>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 Alternate Capacity Requirement (ACR) implementation following the Alternative Capacity Power Generation project.</p>	<p>CITY WIDE</p> 
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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	32.5	250.0					Capital Budget Project No: 14002 Engineering Project No: E12141 Finance Project No: E12141 A/E Consultant: Bath Contractor: TBD Award Design: July 2014 Award Construction: Fiscal Year '15 Anticipated Completion: Fiscal Year '15 Total Project Value: \$3,790,600
Construction		3,000.0					
Contingency		300.0					
Inspection/Other	5.8	202.3					
TOTAL:	38.3	3,752.3				-	
Source of Funds							
Revenue Bond	38.3	3,752.3				-	
TOTAL:	38.3	3,752.3				-	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.

PROJECT DESCRIPTION

DEPARTMENT: Water

Sequence #04

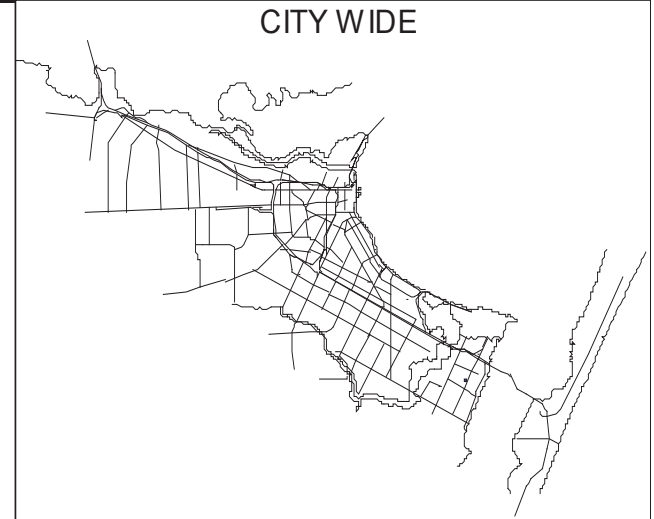
CITY WIDE

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 are being initiated in Years 1 and 2. Construction is scheduled to follow in Years 3 and 4. The remaining tanks will follow the same life cycle and must be completed by end of Year 8. 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 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		475.0	650.0			650.0	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 '21 Total Project Value: \$25,182,300
Construction				4,500.0	4,500.0	9,000.0	
Contingency				450.0	450.0	900.0	
Inspection/Other	3.5	71.5	100.0	250.0	250.0	600.0	
TOTAL:	3.5	546.5	750.0	5,200.0	5,200.0	11,150.0	
Source of Funds							
Revenue Bond	3.5	546.5	750.0	5,200.0	5,200.0	11,150.0	
TOTAL:	3.5	546.5	750.0	5,200.0	5,200.0	11,150.0	DISTRIBUTION

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.

PROJECT DESCRIPTION

DEPARTMENT: Water

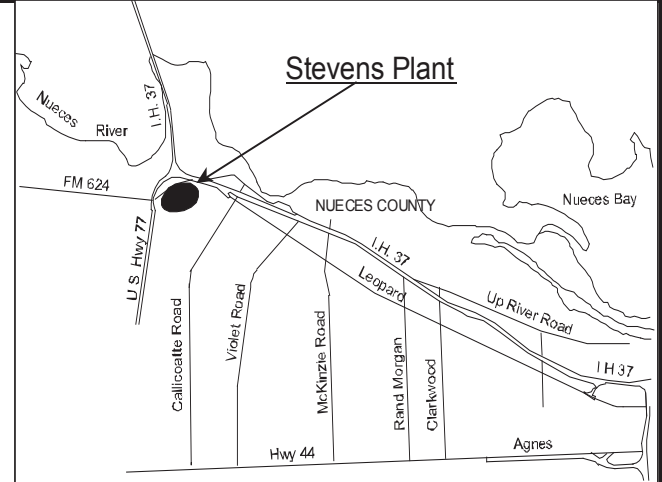
Sequence #05

PROJECT TITLE: ON Stevens Alum Facilities and Fluoride Replacement

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

DESCRIPTION:

Existing Alum storage and feed facilities 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. Both feed system components require replacement for optimal dosage and reliable monitoring control of these two treatment chemicals.



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		500.0				-	Capital Budget Project No: 13001 Engineering Project No: E12211 Finance Project No: E12211 A/E Consultant: LNV Contractor: TBD Award Design: Fiscal Year '15 Award Construction: Fiscal Year '15 Anticipated Completion: Fiscal Year '16 Total Project Value: \$4,450,000
Construction		500.0	950.0	1,800.0		2,750.0	
Contingency		50.0	95.0	180.0		275.0	
Inspection/Other	0.7	99.3	105.0	170.0		275.0	
TOTAL:	0.7	1,149.3	1,150.0	2,150.0		3,300.0	
Source of Funds							
Revenue Bond	0.7	1,149.3	1,150.0	2,150.0		3,300.0	
TOTAL:	0.7	1,149.3	1,150.0	2,150.0		3,300.0	TREATMENT

OPERATIONAL IMPACT:

This project will bring the Plant into compliance with Alum storage requirements, increase safety when handling and feeding Fluoride, and provide equipment for optimizing the use of both chemicals.

PROJECT DESCRIPTION

DEPARTMENT: Water

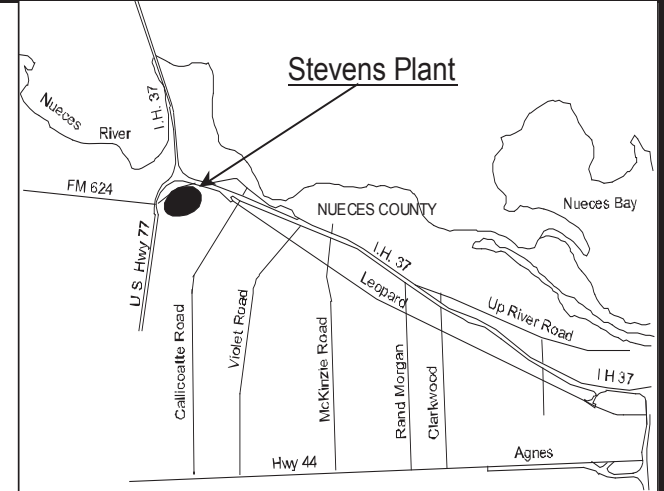
Sequence #06

PROJECT TITLE: ONS WTP High Service Building No. 3 & Clearwell No. 1

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

DESCRIPTION:

This project will provide for 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. The New High Service Building 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. Two years are anticipated for design, followed by a three year construction period.



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	750.0		2,000.0			2,000.0	Capital Budget Project No: 12002 Engineering Project No: E11066 Finance Project No: E11066 A/E Consultant: LNV Contractor: TBD Award Design: February 2013 Award Construction: Fiscal Year '15 Anticipated Completion: Fiscal Year '18 Total Project Value: \$ 26,800,000
Construction			2,500.0	7,000.0	7,000.0	16,500.0	
Contingency			250.0	700.0	700.0	1,650.0	
Inspection/Other	19.3	30.7	250.0	300.0	300.0	850.0	
TOTAL:	769.3	30.7	5,000.0	8,000.0	8,000.0	21,000.0	
Source of Funds							
Revenue Bond	769.3	30.7	5,000.0	8,000.0	8,000.0	21,000.0	
TOTAL:	769.3	30.7	5,000.0	8,000.0	8,000.0	21,000.0	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).

PROJECT DESCRIPTION

DEPARTMENT: Water

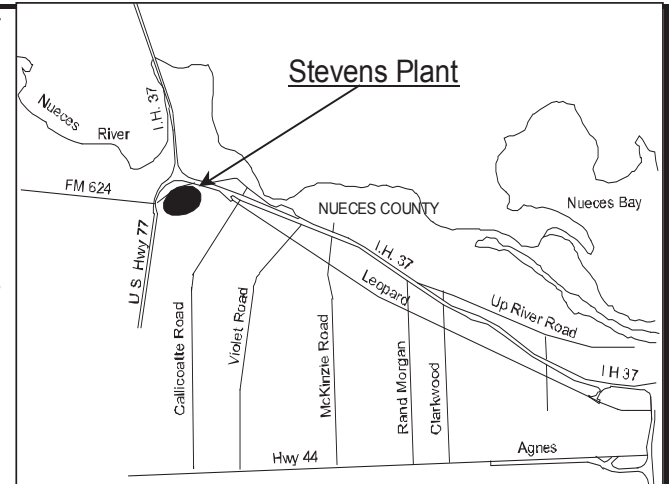
Sequence #07

PROJECT TITLE: ONS WTP AEP Transmission Line Relocation

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

DESCRIPTION:

American Electric Power Co., Inc. (AEP®) owns and operates the 138kV power lines that cross the ON Stevens Water Treatment Plant (ONSWTP). The ONSWTP uses no power from these lines, but if left in place, their location and elevation will interfere with current and future plant improvements. This project calls for collaboration between AEP Texas® and the City of Corpus Christi Water Department to re-align and raise the power lines so that they do not interfere with future projects. In addition, AEP will be asked to replace existing, old wooden poles with steel poles. AEP will design and construct the realignment of the transmission line infrastructure in collaboration with City-funded consulting engineering team.



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	462.4					-	Capital Budget Project No: 11007
Construction	2,000.0	300.0	1,850.0			1,850.0	Engineering Project No: E10187
Contingency		300.0	185.0			185.0	Finance Project No: E10187
Inspection/Other	26.7	343.9	189.6			189.6	A/E Consultant: Freese Nichols
TOTAL:	2,489.1	943.9	2,224.6			2,224.6	Contractor: AEP
Source of Funds							Award Design/Build: August 2014
Revenue Bond	2,489.1	943.9	2,224.6			2,224.6	Anticipated Completion: October 2015
TOTAL:	2,489.1	943.9	2,224.6			2,224.6	Total Project Value: \$5,657,600 TREATMENT

OPERATIONAL IMPACT:

This project needs to be completed before other plant improvement projects can proceed. The current location of these power lines poses significant safety and operational concerns. Relocating these lines will remove obstacles to other required Plant improvements and upgrades.

PROJECT DESCRIPTION

DEPARTMENT: Water

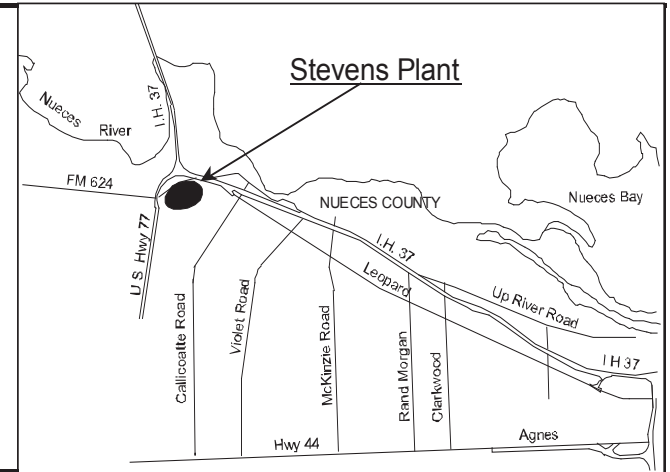
Sequence #08

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 allows a passive flow split between the four treatment trains. Construction will begin immediately after completion of the AEP Transmission Line Realignment. This project will also include the study, design and relocation of existing maintenance structures to facilitate and minimize the construction cost of raw water piping.



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	1,880.0		1,500.0			1,500.0	Capital Budget Project No: 14-003 Engineering Project No: 8643 Finance Project No: 180415 A/E Consultant: Freese Nichols Contractor: TBD Award Design: May 2008 Award Construction: Fiscal Year '15 Anticipated Completion: Fiscal Year '17 Total Project Value: \$21,0260,000
Construction			1,000.0	7,000.0	7,000.0	15,000.0	
Contingency			150.0	700.0	700.0	1,550.0	
Inspection/Other	146.0		350.0	300.0	300.0	950.0	
TOTAL:	2,026.0		3,000.0	8,000.0	8,000.0	19,000.0	
Source of Funds							
Revenue Bond	2,026.0		3,000.0	8,000.0	8,000.0	19,000.0	
TOTAL:	2,026.0		3,000.0	8,000.0	8,000.0	19,000.0	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.

PROJECT DESCRIPTION

DEPARTMENT: Water

Sequence #09

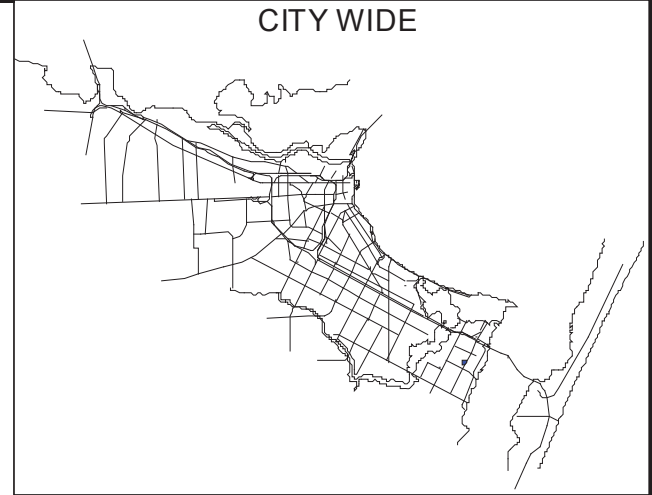
CITY WIDE

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 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: 12001
Construction							Engineering Project No: E11069
Contingency							Finance Project No: E11069
Inspection/Other	289.9	550.0	250.0	250.0	200.0	700.0	A/E Consultant: URS
TOTAL:	289.9	550.0	250.0	250.0	200.0	700.0	Contractor: N/A
Source of Funds							Award Design: Fall 2011
Revenue Bond	289.9	550.0	250.0	250.0	200.0	700.0	Award Construction: N/A
							Anticipated Completion: N/A
TOTAL:	289.9	550.0	250.0	250.0	200.0	700.0	Total Project Value: \$2,739,900
							ADMINISTRATION

OPERATIONAL IMPACT:

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

PROJECT DESCRIPTION

DEPARTMENT: Water

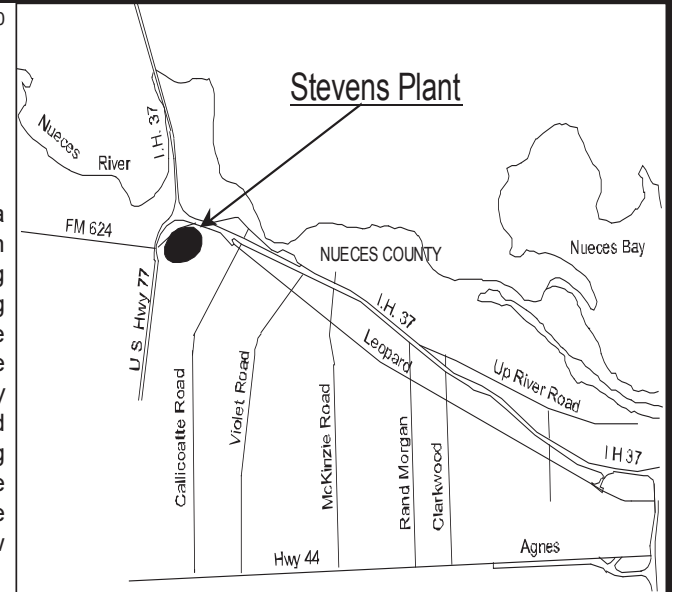
Sequence #10

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).



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		119.6	40.0	40.0		80.0	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: May 2015 Anticipated Completion: November 2015 Total Project Value: \$2,000,000
Construction		735.0	400.0	400.0		800.0	
Contingency		70.0	40.0	40.0		80.0	
Inspection/Other	3.3	72.1	20.0	20.0		40.0	
TOTAL:	3.3	996.7	500.0	500.0		1,000.0	
Source of Funds							
Revenue Bond	3.3	996.7	500.0	500.0		1,000.0	
TOTAL:	3.3	996.7	500.0	500.0		1,000.0	TREATMENT

OPERATIONAL IMPACT:

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

PROJECT DESCRIPTION

DEPARTMENT: Water

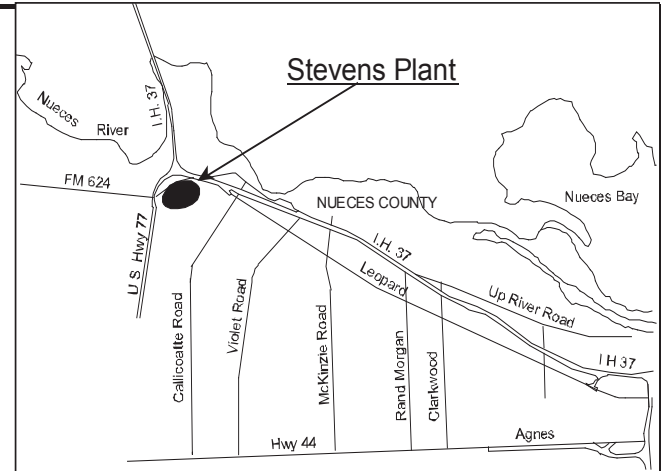
Sequence #11

PROJECT TITLE: ON Stevens Polymer & Liquid Ammonium Sulfate (LAS) Facilities Replacement

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

DESCRIPTION:

Existing Cationic Polymer & Liquid Ammonia Sulfate (LAS) storage and feed facilities require upgrades in order to meet minimum Texas Commission on Environmental Quality (TCEQ) requirements and to optimize system performance. The feed system components require replacement for optimal dosage of these treatment chemicals. Moreover, the automation feed improvements provide a safe working environment and reliable equipment.



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			360.0			360.0	Capital Budget Project No: 13001
Construction				1,400.0	1,400.0	2,800.0	Engineering Project No: E13038
Contingency				140.0	140.0	280.0	Finance Project No: E13038
Inspection/Other			45.1	80.0	80.0	205.1	A/E Consultant: LNV, Inc.
TOTAL:			405.1	1,620.0	1,620.0	3,645.1	Contractor: TBD
Source of Funds							Award Design: Fiscal Year '15
Revenue Bond			405.1	1,620.0	1,620.0	3,645.1	Award Construction: Fiscal Year '16
TOTAL:			405.1	1,620.0	1,620.0	3,645.1	Anticipated Completion: Fiscal Year '17 Total Project Value: \$3,645,100
							TREATMENT

OPERATIONAL IMPACT:

Improved feed and injection system will allow precise control of Polymer and LAS required amounts which will reduce amount of wasted chemicals.

PROJECT DESCRIPTION

DEPARTMENT: Water

Sequence #12

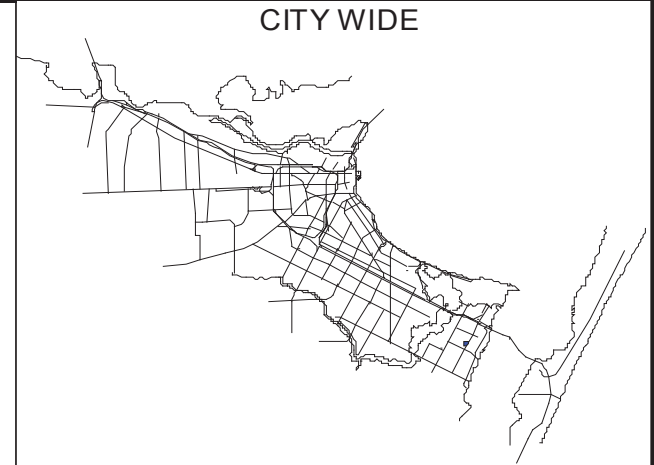
CITY WIDE

PROJECT TITLE: Water System Master Plan Development

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

DESCRIPTION:

This Water Master Plan will create a road map for the future of water infrastructure upgrades that is consistent with projected population and industry growth. This plan will address future system demands and identify water infrastructure that must be in place to protect public health and support economic development. The plan will identify and prioritize capital projects following an in-depth evaluation of all components of the water system including: (1) Raw Water Supply (2) Raw Water Transmission (3) Water Treatment Facilities and (4) Water Distribution. Aging infrastructure, system reliability and long term operation and maintenance consideration will be addressed as part of this Master Planning effort.



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		200.0		200.0	150.0	350.0	Capital Budget Project No: 14001
Construction							Engineering Project No: E13029
Contingency							Finance Project No: E13029
Inspection/Other	0.6	49.4				-	A/E Consultant: RFQ
TOTAL:	0.6	249.4	-	200.0	150.0	350.0	Contractor: N/A
Source of Funds							Award Design: Fall 2015
Revenue Bond	0.6	249.4		200.0	150.0	350.0	Award Construction: N/A
							Anticipated Completion: N/A
TOTAL:	0.6	249.4	-	200.0	150.0	350.0	Total Project Value: \$600,000
							ADMINISTRATION

OPERATIONAL IMPACT:

Focused, concerted planning effort for the entire Water system. Improved coordination of various improvement projects. Ability to correctly anticipate and meet future demand requirements, change in regulations, and maintain health and stability of the Water system.

PROJECT DESCRIPTION

DEPARTMENT: Water

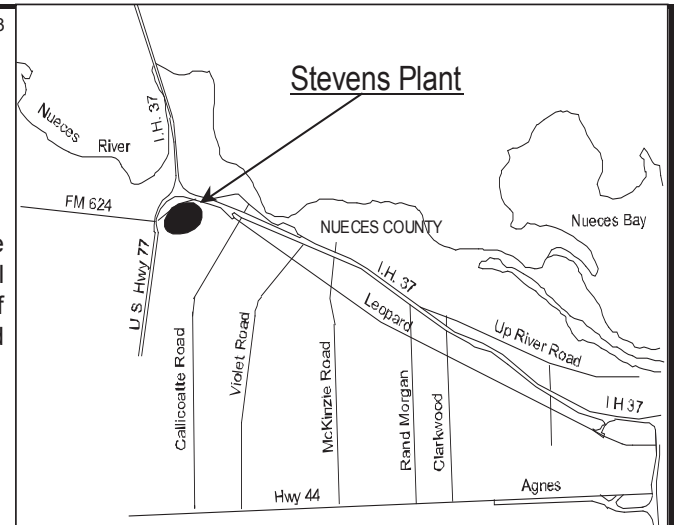
Sequence #13

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 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		40.0	40.0	40.0		80.0	Capital Budget Project No: 14007 Engineering Project No: E13051 Finance Project No: E13051 A/E Consultant: RFQ Contractor: TBD Award Design: Fiscal Year '15 Award Construction: On-Going Anticipated Completion: Fiscal Year '21 Total Project Value: \$10,100,000
Construction		400.0	400.0	400.0		800.0	
Contingency		40.0	40.0	40.0		80.0	
Inspection/Other		20.0	20.0	20.0		40.0	
TOTAL:		500.0	500.0	500.0		1,000.0	
Source of Funds							
Revenue Bond		500.0	500.0	500.0		1,000.0	
TOTAL:		500.0	500.0	500.0		1,000.0	TREATMENT

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.

PROJECT DESCRIPTION

DEPARTMENT: Water

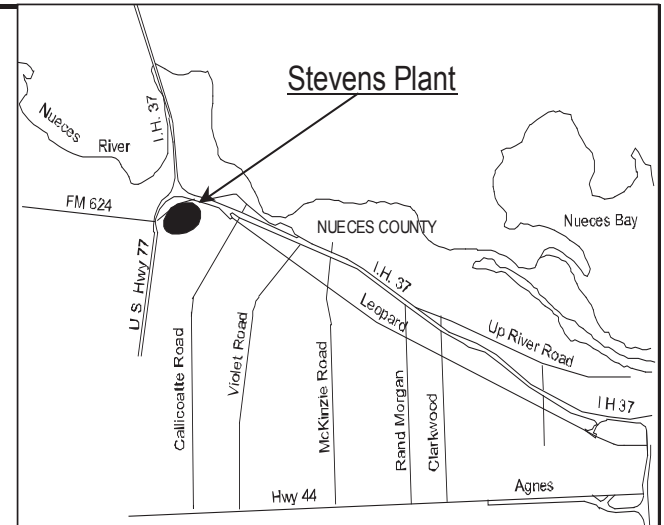
Sequence #14

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 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		50.0				-	Capital Budget Project No: 10115 Engineering Project No: E13031 Finance Project No: E13031 A/E Consultant: RFQ Contractor: TBD Award Design: Fiscal Year '15 Award Construction: Fiscal Year '15 Anticipated Completion: Fiscal Year '16 Total Project Value: \$1,000,000
Construction		500.0	200.0			200.0	
Contingency		50.0	20.0			20.0	
Inspection/Other		150.0	30.0			30.0	
TOTAL:		750.0	250.0			250.0	
Source of Funds							
Revenue Bond		750.0	250.0			250.0	
TOTAL:		750.0	250.0			250.0	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.

PROJECT DESCRIPTION

DEPARTMENT: Water

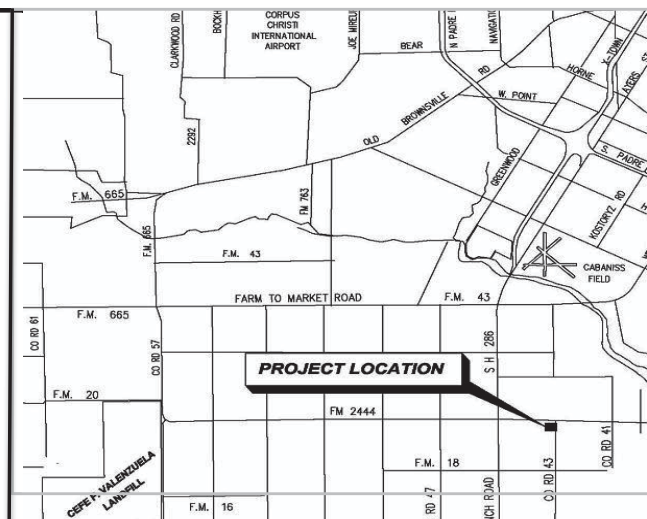
Sequence #15

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 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	279.7					-	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: TBD Anticipated Completion: TBD Total Project Value: \$2,564,200
Construction		2,000.0				2,000.0	
Contingency		171.7				171.7	
Inspection/Other	12.8	100.0				100.0	
TOTAL:	292.5	2,271.7				2,271.7	
Source of Funds							
Revenue Bond		2,271.7				2,271.7	
Wastewater Operating	87.4						
TOTAL:	87.4	2,271.7				2,271.7	DISTRIBUTION

OPERATIONAL IMPACT:

Improved efficiencies should reduce current inefficient operational costs

PROJECT DESCRIPTION

DEPARTMENT: Water

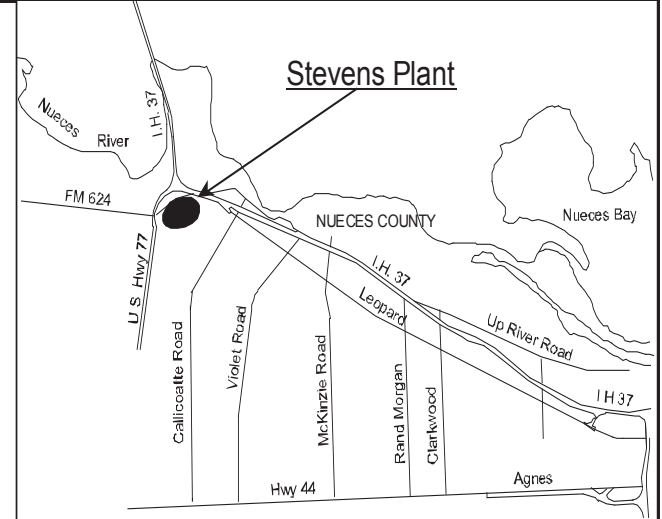
Sequence #16

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:

Design and construction of Water Distribution Transmission Infrastructure cathodic protection to protect and extend useful service life of major investment of transmission lines in Leopard Street and South Side Water Transmission from ON Stevens to Laguna Madre.



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		75.0	75.0	75.0		150.0	Capital Budget Project No: 14005 Engineering Project No: E13048 Finance Project No: E13048 A/E Consultant: Russell Corrosion Contractor: TBD Award Design: On-Going Award Construction: On-Going Anticipated Completion: Fiscal Year '16 Total Project Value: \$3,000,000
Construction		800.0	800.0	800.0		1,600.0	
Contingency		80.0	80.0	80.0		160.0	
Inspection/Other		45.0	45.0	45.0		90.0	
TOTAL:		1,000.0	1,000.0	1,000.0		2,000.0	
Source of Funds							
Revenue Bond		1,000.0	1,000.0	1,000.0		2,000.0	
TOTAL:		1,000.0	1,000.0	1,000.0		2,000.0	TREATMENT

OPERATIONAL IMPACT:

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

PROJECT DESCRIPTION

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 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 Construction Contingency Inspection/Other		200.0	100.0	100.0		200.0	Capital Budget Project No: 12005 Engineering Project No: E12213 Finance Project No: E12213 A/E Consultant: TBD Contractor: TBD
TOTAL:		200.0	100.0	100.0		200.0	Award Design: TBD Award Construction: TBD Anticipated Completion: TBD
Source of Funds							Total Project Value: \$1,400,000
Revenue Bond		200.0	100.0	100.0		200.0	
TOTAL:		200.0	100.0	100.0		200.0	

OPERATIONAL IMPACT:

This item should increase water revenues through additional customer usage.

PROJECT DESCRIPTION

DEPARTMENT: Water

Sequence #18

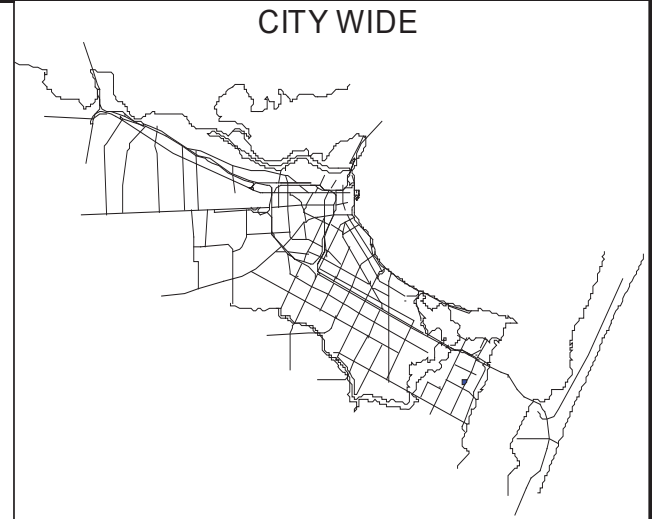
CITY WIDE

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 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: 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		250.0	250.0	250.0		500.0	
Contingency						-	
Inspection/Other						-	
TOTAL:		250.0	250.0	250.0		500.0	
Source of Funds							
Revenue Bond		250.0	250.0	250.0		500.0	
TOTAL:		250.0	250.0	250.0		500.0	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.

PROJECT DESCRIPTION

DEPARTMENT: Water

Sequence #19

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 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			450.0			450.0	Capital Budget Project No: 15001 Engineering Project No: TBD Finance Project No: TBD A/E Consultant: RFQ Contractor: TBD Award Design: Fiscal Year '15 Award Construction: Fiscal Year '16 Anticipated Completion: Fiscal Year '17 Total Project Value: \$5,000,000
Construction				3,000.0	800.0	3,800.0	
Contingency				300.0	100.0	400.0	
Inspection/Other			50.0	200.0	100.0	350.0	
TOTAL:			500.0	3,500.0	1,000.0	5,000.0	
Source of Funds							
Revenue Bond			500.0	3,500.0	1,000.0	5,000.0	
TOTAL:			500.0	3,500.0	1,000.0	5,000.0	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.

PROJECT DESCRIPTION

DEPARTMENT: Water

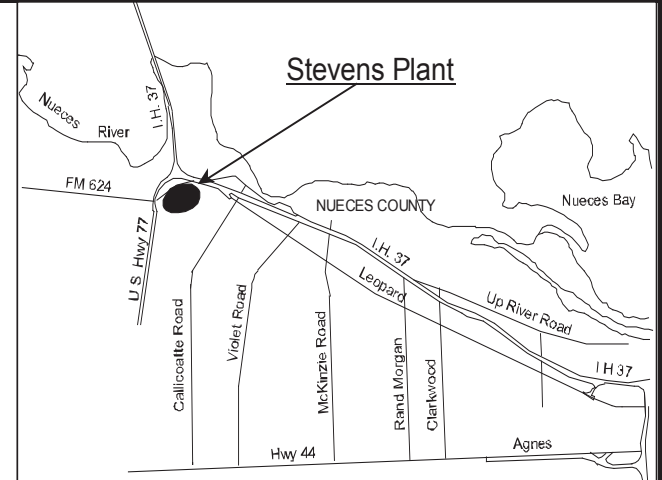
Sequence #20

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.



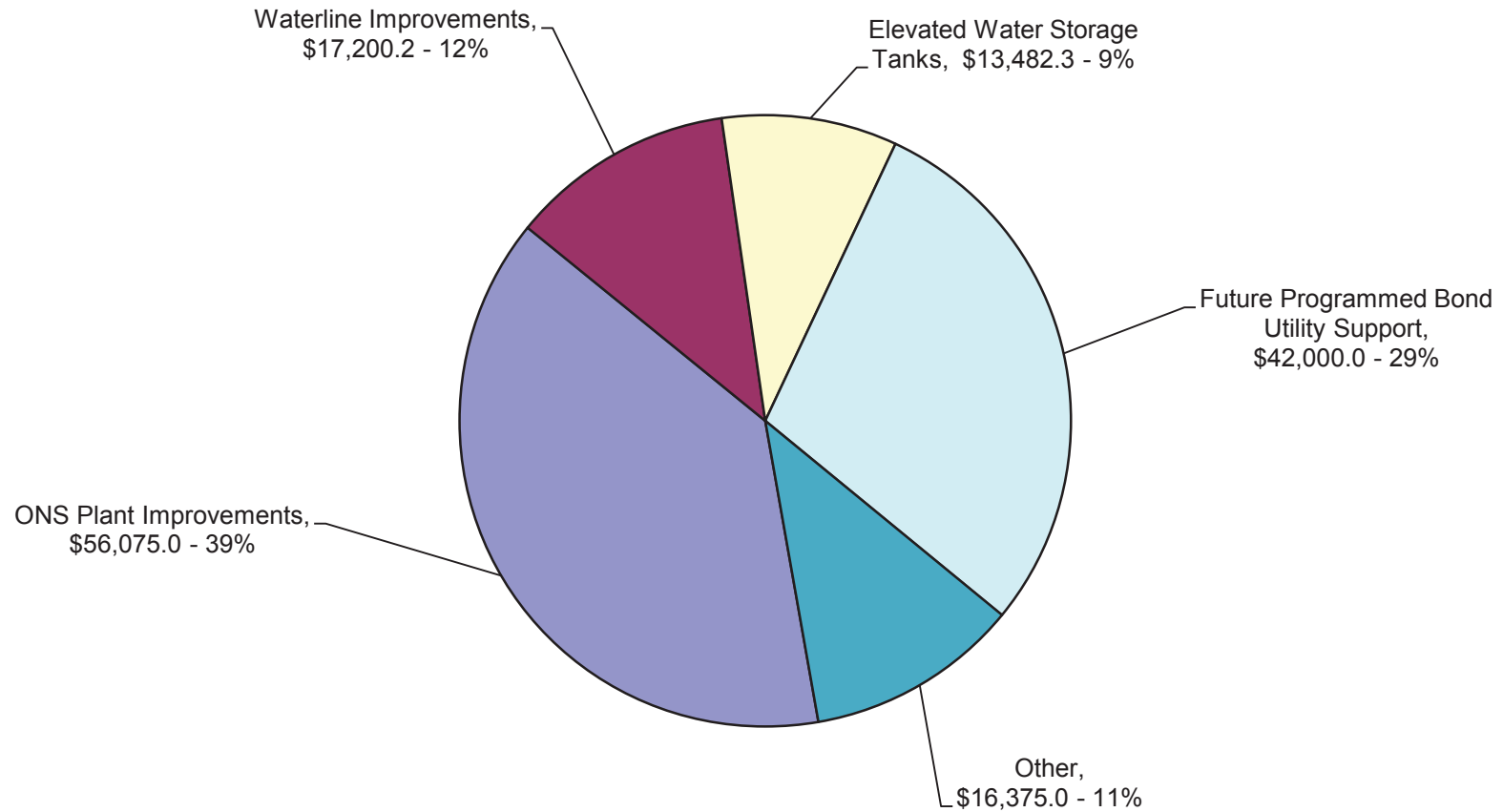
FUNDING SCHEDULE (Amounts in 000's)

Use of Funds	Project-to-Date Obligations 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/Permitting	1,749.9	500.0				-	Capital Budget Project No: 11007 Engineering Project No: E11068 Finance Project No: E11068 A/E Consultant: Urban Eng. Contractor: TBD Award Design: Fiscal Year '12 Award Construction: Fiscal Year '15 Anticipated Completion: Fiscal Year '17 Total Project Value: \$22,714,700
Construction			5,000.0	6,200.0	6,000.0	17,200.0	
Contingency			500.0	600.0	500.0	1,600.0	
Inspection/Other	17.5	147.3	500.0	500.0	500.0	1,500.0	
TOTAL:	1,767.4	647.3	6,000.0	7,300.0	7,000.0	20,300.0	
Source of Funds							
Revenue Bond	1,767.4	647.3	6,000.0	7,300.0	7,000.0	20,300.0	
TOTAL:	1,767.4	647.3	6,000.0	7,300.0	7,000.0	20,300.0	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: \$145,132.5
(Amounts in 000's)



**WATER
LONG-RANGE CIP**

		<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.	\$15,700,200 4, 5, 6, 7, 8, 9
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 Texas Ccoomssion on Environmental Quality (TCEQ) elevated storage requirements. The new tanks will be approximately 170 linear feet 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.	\$13,482,300 4, 5, 6, 7, 8
3	<u>ONS WTP High Service Building No. 3, Clearwell No. 3 and Clearwell No. 1 Repair (continued)</u> This project will provide for 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. The New High Service Building 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. Two years are anticipated for design, followed by a three year construction period.	\$5,000,000 4
4	<u>ON Stevens Raw Water Influent Improvements</u> 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 allows a passive flow split between the four treatment trains. Construction will begin immediately after completion of the AEP Transmission Line Realignment.	\$1,500,000 5

**WATER
LONG-RANGE CIP**

		<u>Long-Range Year</u>
5	<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.	\$1,200,000 4, 5, 6, 7, 8, 9
6	<u>ON Stevens Water Treatment Plant Solids Handling and Disposal Facilities</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.	\$3,275,000 4, 5
7	<u>ON Stevens Water Treatment Plant Chlorine Storage and Handling Facilities Improvements</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.	\$7,000,000 4, 5, 6
8	<u>ON Stevens Water Treatment Plant Site Infrastructure Improvements</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.	\$8,600,000 4, 5, 6, 7

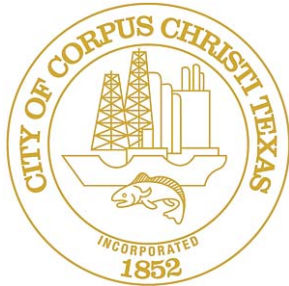
**WATER
LONG-RANGE CIP**

		<u>Long-Range Year</u>
9	<p><u>ON Stevens Water Treatment Plant Electrical Distribution Improvements</u> \$5,000,000</p> <p>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.</p>	4, 5
10	<p><u>Developer Participation - Water (continuation)</u> \$600,000</p> <p>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.</p>	4, 5, 6, 7, 8, 9,
11	<p><u>Water Meter and Automated Meter Reading Replacements</u> \$1,500,000</p> <p>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.</p>	4, 5, 6, 7, 8, 9,
12	<p><u>ON Stevens Water Treatment Plant Clearwell No. 3</u> \$23,000,000</p> <p>This project will provide for a new clearwell at the ON Stevens Water Treatment Plant when demand occurs.</p>	4, 5, 6, 7, 8
13	<p><u>Utility Building Expansion</u> \$14,575,000</p> <p>Wastewater, Water, and Storm Water Departments staff exceed the capacity of the existing building, creating inefficient administrative and operating conditions. This project will provide more efficient design and additional office space and eliminate the ongoing need for temporary work trailers. This funding is for design and construction will follow in out years as funding allows.</p>	4, 5, 6, 7, 8
14	<p><u>ON Stevens Water Treatment Plant Alternate Power -Generator #4</u> \$1,215,000</p> <p>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.</p>	9

**WATER
LONG-RANGE CIP**

		<u>Long-Range Year</u>
15 Construct Monofill on Site	\$540,000	
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.		
16 ONS WTP Improvements to Presedimentation Basin	\$945,000	
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.		
17 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.		
<u>TOTAL FUTURE CAPITAL IMPROVEMENT NEEDS:</u>	<u>\$145,132,500</u>	

Wastewater



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.

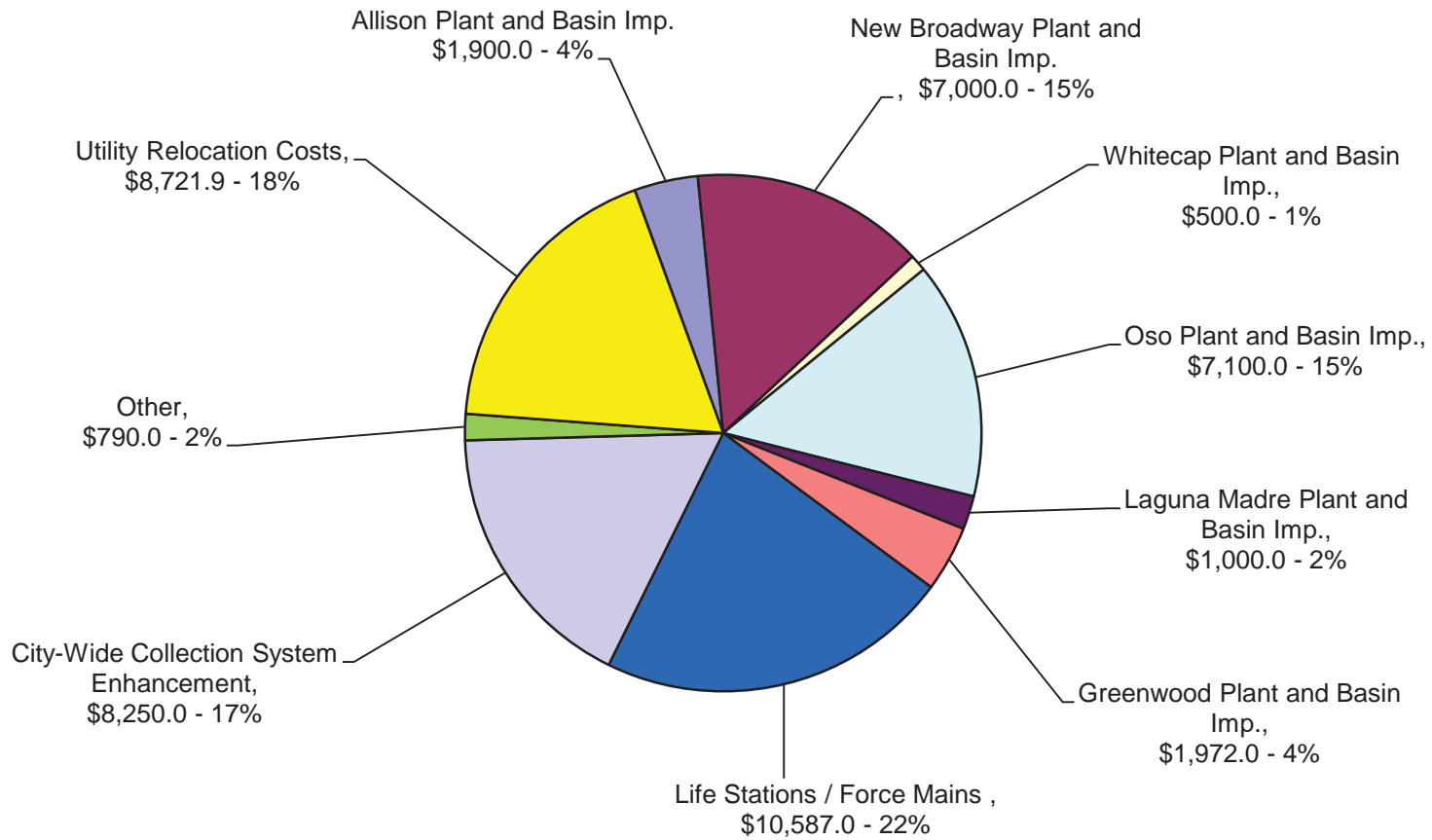
The proposed improvement projects address critical needs at several of the City's treatment plants. From treatment plant process improvements to complete replacement, work planned for the next few years includes the completion of a new Broadway Wastewater Plant; decommissioning of the existing Broadway plant; city-wide lift station rehabilitation; and various permit compliance improvements to the Oso Water Reclamation plant, including nutrient removal, and expanded treatment capacity. A city-wide hydraulic model is near completion to address enhanced implementation strategies to reduce Sanitary Sewer Overflow. Work to address these deficiencies is planned over the next decade.

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 will result in a replacement schedule of lines in the poorest condition and those creating the most severe maintenance issues. This project 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 recap of the budgeted expenditures includes:

EXPENDITURES:	YEAR ONE 2014 – 2015	YEAR TWO 2015 – 2016	YEAR THREE 2016 – 2017
TOTAL PROGRAMMED EXPENDITURES:	\$ 47,820,900	\$ 62,798,000	\$ 63,228,500
FUNDING:			
New Debt (Revenue Bonds):	\$ 45,320,900	\$ 62,798,000	\$ 63,228,500
Wastewater Capital Reserves	\$ 2,500,000	\$ 0	\$ 0
TOTAL PROGRAMMED FUNDS:	\$ 47,820,900	\$ 62,798,000	\$ 63,228,500

**Wastewater
Annual CIP: \$47,820.9
(Amounts in 000's)**



**WASTEWATER
SHORT RANGE CIP
(Amounts in 000's)**

Seq #	Project Name	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
WW 01	New Broadway Plant Wastewater Treatment Plant Finance Number: 190130 Engineering Number: 7293	62,931.1	7.5	4,600.0	-	-	4,600.0
WW 02	Oso Water Reclamation Plant Ammonia Improvements Phase One (INTERIM) Finance and Engineering Number: E09007/150755	4,614.9	7,170.2	-	-	-	-
WW 03	City-Wide Hydraulic Model (SSOI) Finance and Engineering Number: E10015	2,562.9	1,307.9	300.0	-	-	300.0
WW 04	Whitecap Wastewater Treatment Plant UV System Upgrade Finance and Engineering Number: E10179	770.5	1,908.3	500.0	5,500.0	1,900.0	7,900.0
WW 05	City-Wide Collection System IDIQ (SSOI) Finance and Engineering Number: E12161 / 150164 / E14015	10,092.4	2,474.2	7,950.0	10,000.0	11,000.0	28,950.0
WW 06	Laguna Shores Road Force Main Replacement Finance and Engineering Number: E10054	392.3	74.3	4,000.0	2,223.0	-	6,223.0
WW 07	Greenwood WWT Plant Process Rehabilitation / Replacement Finance and Engineering Number: E13026	51.2	698.8	400.0	-	-	400.0
WW 08	Oso Water Reclamation Plant Nutrient Removal & Re-rate to 18 MGD, Phase 2 (FINAL) Finance and Engineering Number: E12206	525.0	3,214.9	7,100.0	14,800.0	16,000.0	37,900.0

**WASTEWATER
SHORT RANGE CIP
(Amounts in 000's)**

Seq #	Project Name	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
WW 09	Laguna Madre WWTP Head Works & Bar Screen Improvements Finance and Engineering Number: E10048	368.7	2,517.0	1,000.0	1,400.0	-	2,400.0
WW 10	Capacity Assessment Improvements Finance and Engineering Number: E14053	-	-	500.0	2,000.0	2,000.0	4,500.0
WW 11	City-Wide Wastewater Master Plan Finance and Engineering Number: TBD	-	-	-	400.0	400.0	800.0
WW 12	Greenwood Wastewater Treatment Plant 8 to 12 MGD Expansion Finance Number: 150025 Engineering Number: 7303	-	-	-	2,800.0	12,600.0	15,400.0
WW 13	Greenwood WWTP Electrical Improvements to UV System Finance and Engineering Number: E10180	-	380.0	900.0	1,450.0	-	2,350.0
WW 14	McBride Lift Station and Force Main Improvements Finance Number: 200452 / E14054 Engineering Number: 7287 / E14054	2,140.6	739.4	2,400.0	1,900.0	-	4,300.0
WW 15	Lift Station Repairs - Citywide Finance and Engineering Number: E10142	2,056.9	463.0	1,800.0	3,000.0	1,000.0	5,800.0
WW 16	Sharpsburg Lift Station Upgrade & Up River Road Force Main Rehabilitation Finance Number: 150265 Engineering Number: 7389	381.2	1,749.0	2,387.0	-	-	2,387.0

**WASTEWATER
SHORT RANGE CIP
(Amounts in 000's)**

Seq #	Project Name	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
WW 17	Allison Wastewater Treatment Plant Lift Station and Plant Improvements Finance and Engineering Number: E10043	-	2,000.0	1,900.0	-	-	1,900.0
WW 18	Old Broadway Wastewater Plant Decommissioning Finance and Engineering Number: E12159	638.8	1,568.2	2,400.0	4,500.0	-	6,900.0
WW 19	Citywide Wastewater Lift Station Alternate Power Supply Finance Number: 150785 Engineering Number: 7427	1.9	280.0	-	3,200.0	325.0	3,525.0
WW 20	Unanticipated Wastewater Capital Requirements Finance and Engineering Number: E12204	-	300.0	150.0	150.0	250.0	550.0
WW 21	Allison WWTP Process Upgrade and Replacement Finance Number: E10045 Engineering Number: E10045	-	-	-	850.0	5,800.0	6,650.0
WW 22	Greenwood Wastewater Treatment Plant Emissions & Odor Control Improvements Finance and Engineering Number: E10047	90.5	1,437.2	672.0	-	-	672.0
WW 23	Whitecap Wastewater Treatment Plant Odor Control, Process and Bulkhead Improvements Finance and Engineering Number: E10053	-	-	-	480.0	2,700.0	3,180.0
WW 24	Homeland Security Improvements Finance Number: 150805 Engineering Number: 7430	5.1	179.3	90.0	90.0	-	180.0

**WASTEWATER
SHORT RANGE CIP
(Amounts in 000's)**

Seq #	Project Name	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
WW 25	Wetlands Mitigation Bank Finance and Engineering Number: E10017	41.2	-	-	50.0	100.0	150.0
WW 26	Developer Utility Participation - Wastewater Finance and Engineering Number: E12208	16.8	133.2	50.0	75.0	112.5	237.5

Wastewater Program Sub-Total:		87,682.0	28,602.4	39,099.0	54,868.0	54,187.5	148,154.5
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	*Utility Relocation Costs for Bond 2008	3,012.6	6,215.4	100.0	-	-	100.0
	*Utility Relocation Costs for Bond 2012	724.2	5,757.0	7,616.9	1,799.0	1,241.0	10,656.9
	*Utility Relocation Costs for Bond 2014	1,141.8	-	-	-	-	-
	** Utility Relocation Costs for TxDOT Projects	-	-	1,005.0	3,031.0	-	4,036.0
	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:	92,560.6	40,574.8	47,820.9	62,798.0	63,228.5	173,847.4
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**WASTEWATER
SHORT RANGE CIP
(Amounts in 000's)**

Seq #	Project Name	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
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CURRENTLY AVAILABLE FUNDING:

	Revenue Bond	92,560.6	40,574.8	-	-	-	-
	Wastewater Reserves	-	-	2,500.0	-	-	2,500.0

	Total Currently Available:	92,560.6	40,574.8	2,500.0	-	-	2,500.0
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RECOMMENDED ADDITIONAL FUNDING:

	** Revenue Bond	-	-	45,320.9	62,798.0	63,228.5	171,347.4
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	TOTAL PROGRAMMED FUNDS:	92,560.6	40,574.8	47,820.9	62,798.0	63,228.5	173,847.4
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*** Dependent upon availability of funding*

PROJECT DESCRIPTION

DEPARTMENT: Wastewater

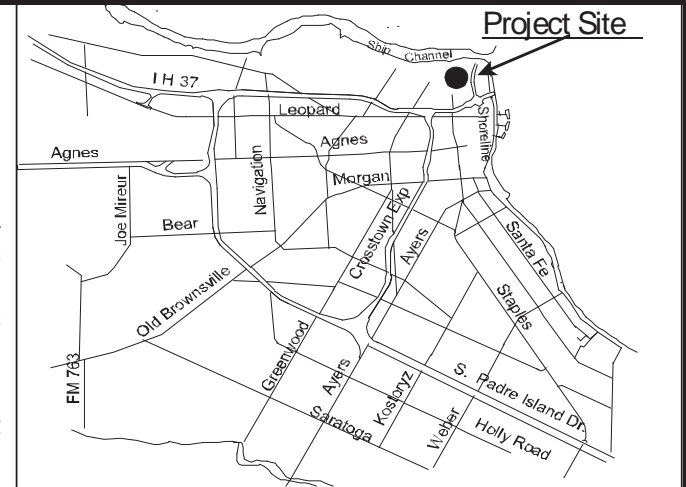
Sequence #01

PROJECT TITLE: New Broadway Wastewater Treatment Plant

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

DESCRIPTION:

The existing Broadway Wastewater Treatment Plant is beyond its useful service life and capacity to provide reliable treatment. The project now under construction is a new 8 million gallons per day wastewater treatment plant located on land adjoining the existing plant, with a portion of the new plant built on top of existing Broadway Wastewater Plant facilities. The project includes the renovation of the Resaca Lift Station and provides for a new effluent outfall by separate construction contracts. The new plant will provide state of the art treatment, meet all State and Federal environmental requirements/permits, provide for odor control and be developed in a manner to minimize impacts within the community. Planning for the decommissioning of the existing Broadway Plant will start so that the old Broadway Plant can be removed as the new Plant comes on-line.



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	11,501.9						Capital Budget Project No: 97005 Engineering Project No: 7293 Finance Project No: 190130 A/E Consultant: Freese & Nichols A/E Consultant: LNV Carollo, Inc. Contractor: Graham Construction Award Design: November '06 Award Construction: October 2009 Anticipated Completion: Fiscal Year '15 Total Project Value: \$67,538,600
Construction	49,550.9		4,000.0			4,000.0	
Contingency			400.0			400.0	
Inspection/Other	1,878.3	7.5	200.0			200.0	
TOTAL:	62,931.1	7.5	4,600.0			4,600.0	
Source of Funds							
Revenue Bond	62,931.1	7.5	4,600.0			4,600.0	
TOTAL:	62,931.1	7.5	4,600.0			4,600.0	

OPERATIONAL IMPACT:

The Broadway Wastewater Treatment Plant was built in 1940, and renovated in 1981. Parts of the original plant remain in service after seventy years, and the last renovation, at nearly thirty years of age, is beyond its expected service life. Increased treatment capacity along with reduced equipment operations and maintenance costs will be achieved when the new plant goes on-line in FY 2015.

PROJECT DESCRIPTION

DEPARTMENT: Wastewater

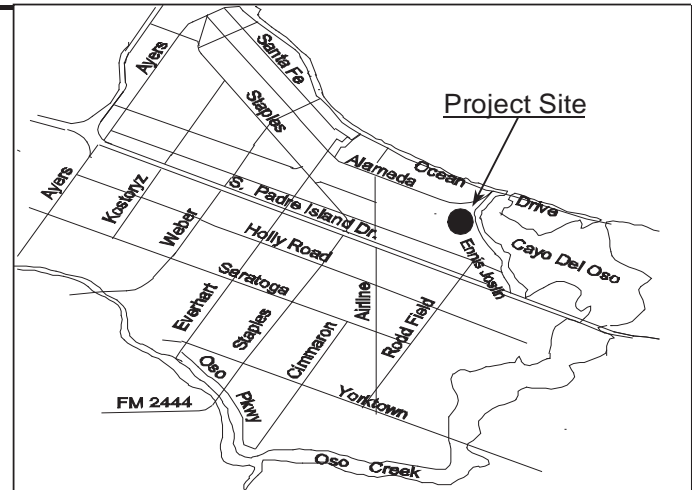
Sequence #02

PROJECT TITLE: Oso Water Reclamation Plant Ammonia Improvements Phase 1 (INTERIM)

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

DESCRIPTION:

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.



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	1,219.9						Capital Budget Project No: 07002 Engineering Project No: E09007/7423 Finance Project No: E09007/150755 A/E Consultant: LNV/BHP Contractor: CSA Award Design: August 2010 Award Construction: February 2013 Anticipated Completion: Fiscal Year '15 Total Project Value: \$11,785,100
Construction	3,262.0	6,200.0				-	
Contingency		620.0				-	
Inspection/Other	133.0	350.2				-	
TOTAL:	4,614.9	7,170.2				-	
Source of Funds							
Revenue Bond	4,614.9	7,170.2					-
TOTAL:	4,614.9	7,170.2					-

OPERATIONAL IMPACT:

This project is under development and will begin interim nutrient removal requirements this Fiscal Year. Because of the ammonia reductions achieved with improvements to the Belt Press Facility, this work is being integrated into the interim improvements. These efforts are made in response to regulatory permitting requirements and failure to complete this project within recommended guidelines and timeframe may subject the City to TCEQ administrative penalties.

PROJECT DESCRIPTION

DEPARTMENT: Wastewater Sequence #03

CITY WIDE

PROJECT TITLE: Citywide Hydraulic Model (SSOI)

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

DESCRIPTION:

The hydraulic wastewater system model will equip the City with a powerful tool for analyzing system capacities, bottlenecks, and unwanted overflows before they actually occur. It will help facilitate the development of system improvements by using sound engineering methods and helps produce quality maps and calculations to support department needs. Capacity issues can be investigated in a timely fashion using this tool. This allows the City to predict potential capacity problems in advance and develop least cost strategies to optimize system performance. This project is required as part of the City's participation in the Texas Commission on Environmental Quality's Sanitary Sewer Overflow Initiative (SSOI) Program.



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	2,556.1					-	Capital Budget Project No: 09019 Engineering Project No: E10015 Finance Project No: E10015 A/E Consultant: Pipeline Analysis Contractor: N/A Award Design: August 2012 Award Construction: N/A Anticipated Completion: N/A Total Project Value: \$4,170,800
Construction		1,000.0				-	
Contingency		100.0				-	
Inspection/Other	6.8	207.9	300.0			300.0	
TOTAL:	2,562.9	1,307.9	300.0			300.0	
Source of Funds							
Revenue Bond	2,562.9	1,307.9	300.0			300.0	
TOTAL:	2,562.9	1,307.9	300.0			300.0	

OPERATIONAL IMPACT:

This project will assist the City in achieving anticipated cost reductions in the wastewater collection system through the improvement of equipment, processes, pipelines and procedures. Results of this model will be used to refine programming priorities anticipated in the various service areas.

PROJECT DESCRIPTION

DEPARTMENT: Wastewater

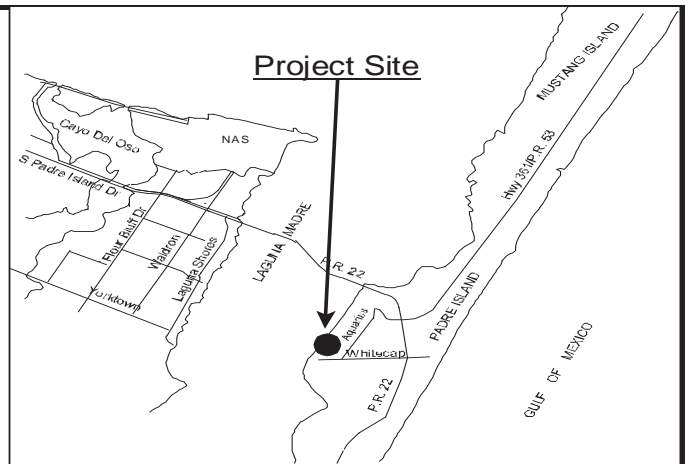
Sequence #04

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 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	756.1		450.0			450.0	Capital Budget Project No: 10005 Engineering Project No: E10179 Finance Project No: E10179 A/E Consultant: FNI Contractor: TBD Award Design: May 2012 Award Construction: Fiscal Year '15 Anticipated Completion: Fiscal Year '16 Total Project Value: \$10,578,800
Construction		1,500.0		4,750.0	1,600.0	6,350.0	
Contingency		150.0		475.0	160.0	635.0	
Inspection/Other	14.4	258.3	50.0	275.0	140.0	465.0	
TOTAL:	770.5	1,908.3	500.0	5,500.0	1,900.0	7,900.0	
Source of Funds							
Revenue Bond	770.5	1,908.3	500.0	5,500.0	1,900.0	7,900.0	
TOTAL:	770.5	1,908.3	500.0	5,500.0	1,900.0	7,900.0	

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.

PROJECT DESCRIPTION

DEPARTMENT: Wastewater Sequence #05

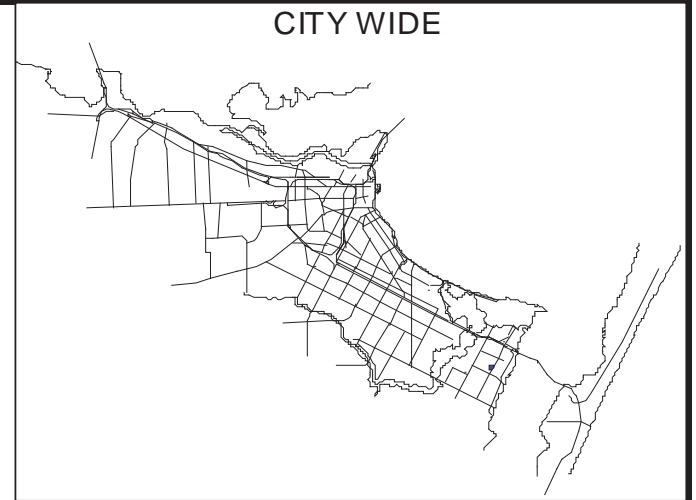
CITY WIDE

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 manhole infrastructure requirements within the City. The program will identify, prioritize and implement specific capital improvement projects in a phased design and construction approach to extend the service life, improve flows, improve water quality, reduce overflows and cave-ins, and reduce long-term maintenance costs.



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	1,036.4	200.0	650.0	810.0	885.0	2,345.0	Engineering Project No: E12161/150164 E14015 Finance Project No: E12161/150164 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 '15 Project Completion: On-Going Total Project Value: \$176,516,600
Construction	8,548.9	2,000.0	6,500.0	8,100.0	8,850.0	23,450.0	
Contingency		200.0	650.0	810.0	885.0	2,345.0	
Inspection/Other	507.1	74.2	150.0	280.0	380.0	810.0	
TOTAL:	10,092.4	2,474.2	7,950.0	10,000.0	11,000.0	28,950.0	
Source of Funds							
Revenue Bond	10,092.4	2,474.2	7,950.0	10,000.0	11,000.0	28,950.0	
TOTAL:	10,092.4	2,474.2	7,950.0	10,000.0	11,000.0	28,950.0	

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.

PROJECT DESCRIPTION

DEPARTMENT: Wastewater

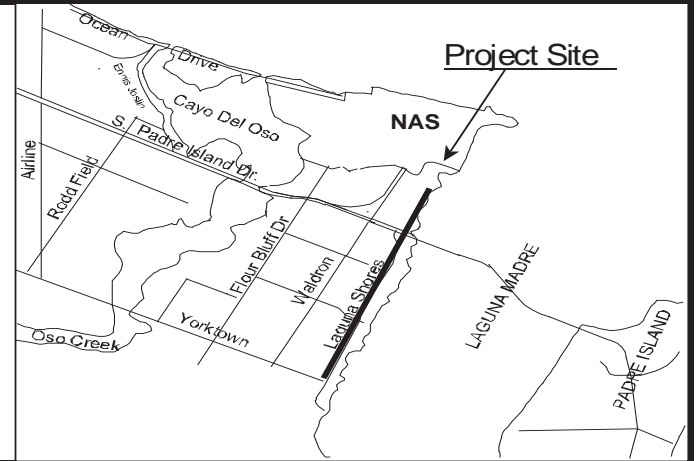
Sequence #06

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 gravity Wastewater main from the Waldron Road Lift Station to a new Gateway Lift Station to facilitate taking the Waldron Road Lift Station offline. Additional work will include the installation of a new Gateway Lift Station to accommodate local wastewater flows and installation of a single force main from Graham Road to the Laguna Madre Wastewater Treatment Plant capable of conveying all wastewater flows from Flour Bluff.



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	379.8	50.0				-	Capital Budget Project No: 110011 Engineering Project No: E10054 Finance Project No: E10054 A/E Consultant: RVE Contractor: TBD Award Design: October 2012 Award Construction: Fiscal Year '15 Anticipated Completion: Fiscal Year '16 Total Project Value: \$6,689,600
Construction			3,500.0	1,875.0		5,375.0	
Contingency			300.0	187.0		487.0	
Inspection/Other	12.5	24.3	200.0	161.0		361.0	
TOTAL:	392.3	74.3	4,000.0	2,223.0		6,223.0	
Source of Funds							
Revenue Bond	392.3	74.3	4,000.0	2,223.0		6,223.0	
TOTAL:	392.3	74.3	4,000.0	2,223.0		6,223.0	

OPERATIONAL IMPACT:

This project will increase operational efficiencies and protect against overflows, preventing enforcement action from the Texas Commission on Environmental Quality.

PROJECT DESCRIPTION

DEPARTMENT: Wastewater

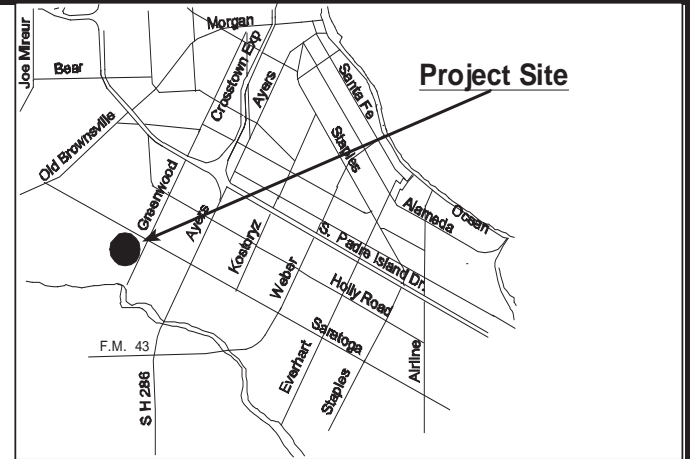
Sequence #07

PROJECT TITLE: Greenwood WWTP Process Rehabilitation / Replacement

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

DESCRIPTION:

On-going construction at the Greenwood Wastewater Treatment Plant identified clarifier / digester structural deficiencies which have reached the end of their useful service life. Repairs and replacement of equipment is underway and will be completed in Summer 2015 to ensure continued, efficient treatment operations.



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	48.0					-	Capital Budget Project No: 13-001 Engineering Project No: E13026 Finance Project No: E13026 A/E Consultant: Urban Eng. Contractor: PMI Award Design: April 2014 Award Construction: July 2014 Anticipated Completion: May 2015 Total Project Value: \$1,150,000
Construction		600.0	350.0			350.0	
Contingency		60.0	35.0			35.0	
Inspection/Other	3.2	38.8	15.0			15.0	
TOTAL:	51.2	698.8	400.0			400.0	
Source of Funds							
Revenue Bond	51.2	698.8	400.0			400.0	
TOTAL:	51.2	698.8	400.0			400.0	

OPERATIONAL IMPACT:

Efficient treatment combined with reduced equipment operations and maintenance costs will be achieved with the replacement of aged infrastructure.

PROJECT DESCRIPTION

DEPARTMENT: Wastewater

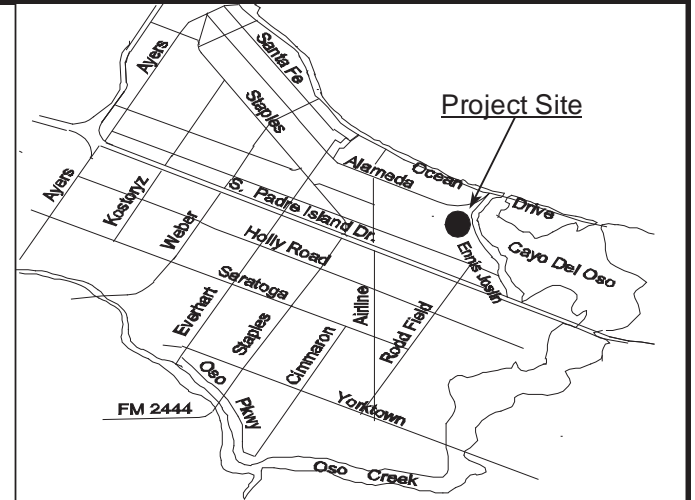
Sequence #08

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:

Under WW 02 (Oso WRP Interim Ammonia Improvements Phase 1) construction of required interim modifications is underway to 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 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	500.0	3,000.0	4,000.0	500.0		4,500.0	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: Fiscal Year '16 Anticipated Completion: Fiscal Year '19 Total Project Value: \$81,739,900
Construction			2,700.0	12,700.0	14,000.0	29,400.0	
Contingency			270.0	1,270.0	1,400.0	2,940.0	
Inspection/Other	25.0	214.9	130.0	330.0	600.0	1,060.0	
TOTAL:	525.0	3,214.9	7,100.0	14,800.0	16,000.0	37,900.0	
Source of Funds							
Revenue Bond	525.0	3,214.9	7,100.0	14,800.0	16,000.0	37,900.0	
TOTAL:	525.0	3,214.9	7,100.0	14,800.0	16,000.0	37,900.0	

OPERATIONAL IMPACT:

This project will begin permitting and design in Fiscal Year '13 and is dependent upon the completion of the Oso WRP Interim Ammonia Improvements project. The Oso WRP infrastructure assessment is near completion and will become the program guide for preliminary design and final design, bidding and construction under a sequence of work which ensures continued plant operations.

PROJECT DESCRIPTION

DEPARTMENT: Wastewater

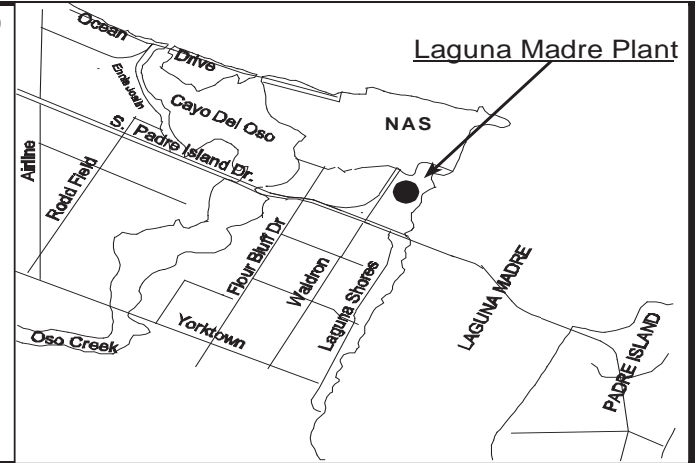
Sequence #09

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 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	348.0		80.0	110.0		190.0	Capital Budget Project No: 11004 Engineering Project No: E10048 Finance Project No: E10048 A/E Consultant: Urban Eng. Contractor: TBD Award Design: August 2012 Award Construction: Fiscal Year '15 Anticipated Completion: Fiscal Year '16 Total Project Value: \$5,285,700
Construction		2,150.0	800.0	1,100.0		1,900.0	
Contingency		215.0	80.0	110.0		190.0	
Inspection/Other	20.7	152.0	40.0	80.0		120.0	
TOTAL:	368.7	2,517.0	1,000.0	1,400.0		2,400.0	
Source of Funds							
Revenue Bond	368.7	2,517.0	1,000.0	1,400.0		2,400.0	
TOTAL:	368.7	2,517.0	1,000.0	1,400.0		2,400.0	

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.

PROJECT DESCRIPTION

DEPARTMENT: Wastewater

Sequence #10

PROJECT TITLE: Capacity Assessment Improvements

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

DESCRIPTION:

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.



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			450.0			450.0	Capital Budget Project No: 15-001 Engineering Project No: E14053 Finance Project No: E14053 A/E Consultant: TBD Contractor: TBD Award Design: Award Construction: Anticipated Completion: Total Project Value: \$20,500,000
Construction				1,700.0	1,700.0	3,400.0	
Contingency				170.0	170.0	340.0	
Inspection/Other			50.0	130.0	130.0	310.0	
TOTAL:			500.0	2,000.0	2,000.0	4,500.0	
Source of Funds							
Revenue Bond			500.0	2,000.0	2,000.0	4,500.0	
TOTAL:			500.0	2,000.0	2,000.0	4,500.0	

OPERATIONAL IMPACT:

Proper sizing of service area lift stations, service area boundaries and potential reduction of operating treatment plants will enable the City to efficiently serve the community.

PROJECT DESCRIPTION

DEPARTMENT: Wastewater

Sequence #11

PROJECT TITLE: City-Wide Wastewater Master Plan

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

DESCRIPTION:

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.



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				360.0	360.0	720.0	Capital Budget Project No: 13-002 Engineering Project No: TBD Finance Project No: TBD A/E Consultant: TBD Contractor: TBD Award Design: Fiscal Year '16 Award Construction: N/A Anticipated Completion: Fiscal Year '17 Total Project Value: \$1,200,000
Construction						-	
Contingency						-	
Inspection/Other				40.0	40.0	80.0	
TOTAL:				400.0	400.0	800.0	
Source of Funds							
Revenue Bond				400.0	400.0	800.0	
TOTAL:				400.0	400.0	800.0	

OPERATIONAL IMPACT:

Proper sizing of service area lift stations, service area boundaries and potential reduction of operating treatment plants will enable the City to efficiently serve the community.

PROJECT DESCRIPTION

DEPARTMENT: Wastewater

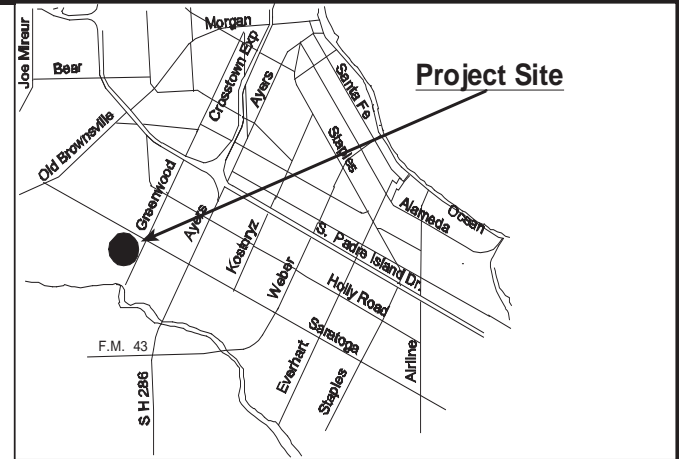
Sequence #12

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 '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.



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				2,500.0		2,500.0	Capital Budget Project No: 15-002 Engineering Project No: 7303 Finance Project No: 150025 A/E Consultant: Alan Plumber Contractor: TBD Award Design: October 2004 Award Construction: Fiscal Year '17 Anticipated Completion: Fiscal Year '18 Total Project Value: \$28,000,000
Construction					10,000.0	10,000.0	
Contingency					1,000.0	1,000.0	
Inspection/Other				300.0	1,600.0	1,900.0	
TOTAL:				2,800.0	12,600.0	15,400.0	
Source of Funds							
Revenue Bond				2,800.0	12,600.0	15,400.0	
TOTAL:				2,800.0	12,600.0	15,400.0	

OPERATIONAL IMPACT:

Increased treatment capacity will enable the plant to run in a more economical and efficient manner.

PROJECT DESCRIPTION

DEPARTMENT: Wastewater

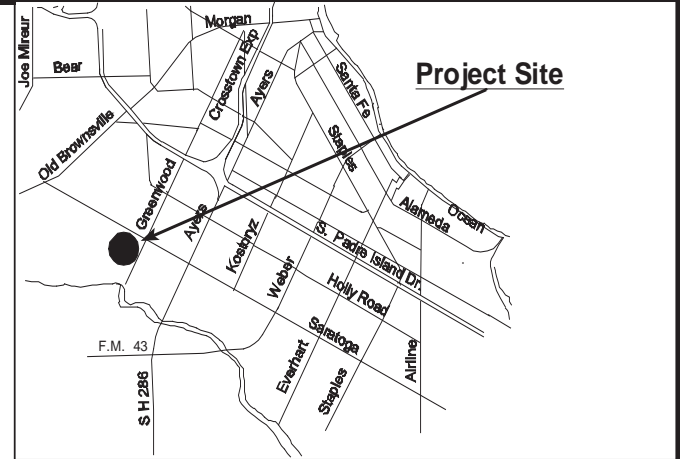
Sequence #13

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 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		300.0				-	Capital Budget Project No: 12001 Engineering Project No: E10180 Finance Project No: E10180 A/E Consultant: RFQ Contractor: TBD Award Design: Fiscal Year '15 Award Construction: Fiscal Year '16 Anticipated Completion: Fiscal Year '17 Total Project Value: \$2,730,000
Construction			750.0	1,200.0		1,950.0	
Contingency			75.0	120.0		195.0	
Inspection/Other		80.0	75.0	130.0		205.0	
TOTAL:		380.0	900.0	1,450.0		2,350.0	
Source of Funds							
Revenue Bond		380.0	900.0	1,450.0		2,350.0	
TOTAL:		380.0	900.0	1,450.0		2,350.0	

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.

PROJECT DESCRIPTION

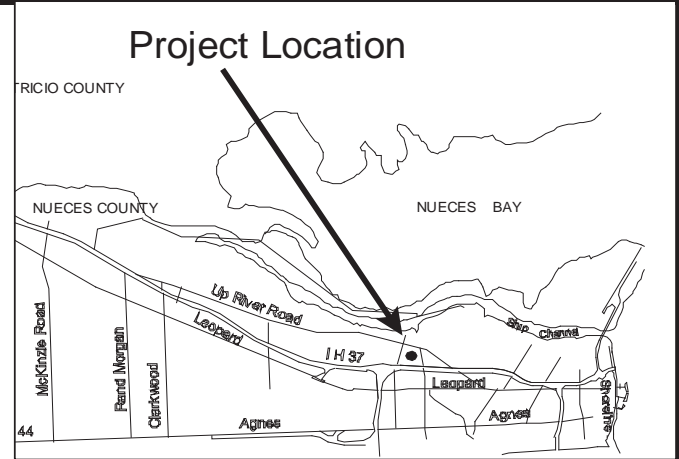
DEPARTMENT: Wastewater Sequence #14

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 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	375.8	700.0				-	Capital Budget Project No: 09014 Engineering Project No: 7287/E14054 Finance Project No: 200452/E14054 A/E Consultant: RFQ Contractor: TBD Award Design: Fiscal Year '15 Award Construction: Fiscal Year '16 Anticipated Completion: Fiscal Year '17 Total Project Value: \$7,180,000
Construction	1,234.4		2,000.0	1,600.0		3,600.0	
Contingency			200.0	160.0		360.0	
Inspection/Other	530.4	39.4	200.0	140.0		340.0	
TOTAL:	2,140.6	739.4	2,400.0	1,900.0		4,300.0	
Source of Funds							
Revenue Bond	2,140.6	739.4	2,400.0	1,900.0		4,300.0	
TOTAL:	2,140.6	739.4	2,400.0	1,900.0		4,300.0	

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.

PROJECT DESCRIPTION

<p>DEPARTMENT: <u>Wastewater</u></p> <p style="text-align: right;">Sequence #15</p> <p>PROJECT TITLE: <u>Lift Station Repairs - Citywide</u></p> <p><i>Consistency with the Comprehensive Plan: Policy Statements pg. 48: 1,3 & 6; pp. 55-58; Wastewater Master Plan</i></p> <p>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.</p>	<p>CITY WIDE</p> 
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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	189.7		75.0	100.0	75.0	250.0	Capital Budget Project No: 09019 Engineering Project No: E10142 Finance Project No: E10142 A/E Consultant: Urban Eng. Contractor: TBD Award Design: April 2011 Award Construction: On-Going Anticipated Completion: On-Going Total Project Value: \$16,319,900
Construction	1,776.1	350.0	1,350.0	2,500.0	750.0	4,600.0	
Contingency		50.0	135.0	250.0	75.0	460.0	
Inspection/Other/Land Acq.	91.1	63.0	240.0	150.0	100.0	490.0	
TOTAL:	2,056.9	463.0	1,800.0	3,000.0	1,000.0	5,800.0	
Source of Funds							
Revenue Bond	2,056.9	463.0	1,800.0	3,000.0	1,000.0	5,800.0	
TOTAL:	2,056.9	463.0	1,800.0	3,000.0	1,000.0	5,800.0	

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.

PROJECT DESCRIPTION

DEPARTMENT: Wastewater

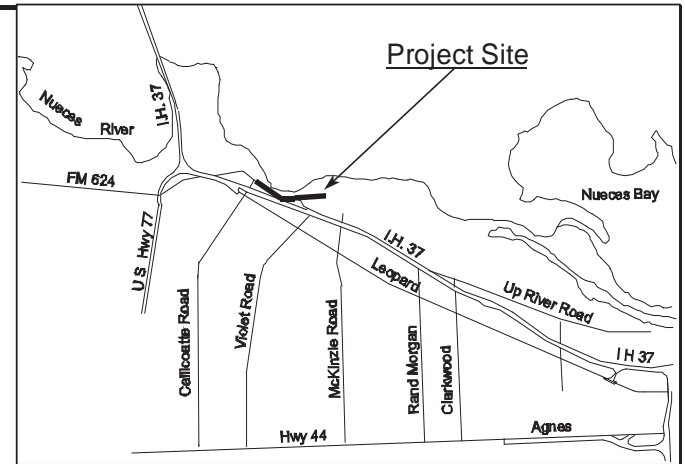
Sequence #16

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 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	355.1					-	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: Fiscal Year '15 Anticipated Completion: Fiscal Year '16 Total Project Value: \$4,517,200
Construction		1,450.0	2,000.0			2,000.0	
Contingency		145.0	200.0			200.0	
Inspection/Other	26.1	154.0	187.0			187.0	
TOTAL:	381.2	1,749.0	2,387.0			2,387.0	
Source of Funds							
Revenue Bond	381.2	1,749.0	2,387.0			2,387.0	
TOTAL:	381.2	1,749.0	2,387.0			2,387.0	

OPERATIONAL IMPACT:

The design is complete and construction will start in Fiscal Year '14 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.

PROJECT DESCRIPTION

DEPARTMENT: Wastewater

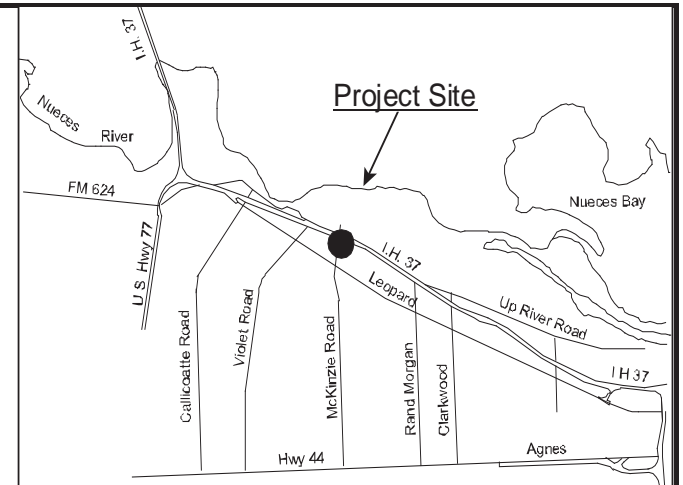
Sequence #17

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 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		244.2				-	Engineering Project No: E10043 Finance Project No: E10043 A/E Consultant: Urban Eng. Contractor: TBD Award Design: October 2014 Award Construction: Fiscal Year '15 Anticipated Completion: Fiscal Year '16 Total Project Value: \$3,900,000
Construction		1,500.0	1,625.0			1,625.0	
Contingency		150.0	162.0			162.0	
Inspection/Other		105.8	113.0			113.0	
TOTAL:		2,000.0	1,900.0			1,900.0	
Source of Funds							
Revenue Bond		2,000.0	1,900.0			1,900.0	
TOTAL:		2,000.0	1,900.0			1,900.0	

OPERATIONAL IMPACT:

Determination of future Operational Budget Impact will be better addressed after the design process is complete.

PROJECT DESCRIPTION

DEPARTMENT: Wastewater

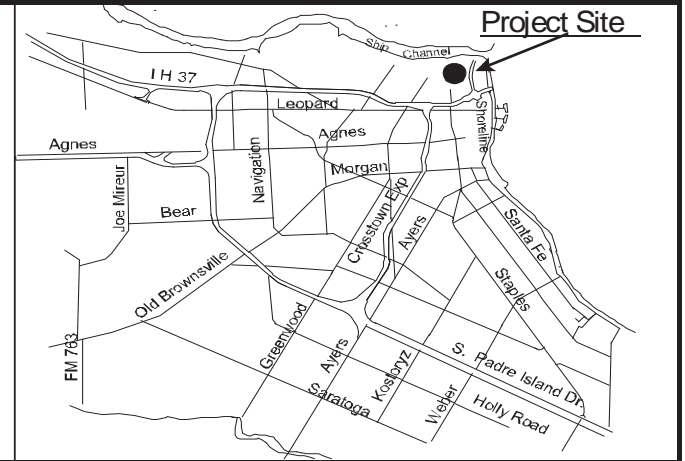
Sequence #18

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 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	624.8					-	Capital Budget Project No: 07020 Engineering Project No: E12159 Finance Project No: E12159 A/E Consultant: Freese & Nichols Contractor: TBD Award Design: November '12 Award Construction: Fiscal Year '15 Anticipated Completion: Fiscal Year '16 Total Project Value: \$9,107,000
Construction		1,300.0	2,000.0	3,800.0		5,800.0	
Contingency		130.0	200.0	380.0		580.0	
Inspection/Other	14.0	138.2	200.0	320.0		520.0	
TOTAL:	638.8	1,568.2	2,400.0	4,500.0		6,900.0	
Source of Funds							
Revenue Bond	638.8	1,568.2	2,400.0	4,500.0		6,900.0	
TOTAL:	638.8	1,568.2	2,400.0	4,500.0		6,900.0	

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.

PROJECT DESCRIPTION

<p>DEPARTMENT: <u>Wastewater</u></p> <p style="text-align: right;">Sequence #19</p> <p>PROJECT TITLE: <u>Citywide Wastewater Lift Station Alternate Power Supply</u></p> <p><i>Consistency with the Comprehensive Plan: Policy Statements pg. 48: 1,3 & 6; pp. 55-58; Wastewater Master Plan</i></p> <p>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.</p>	<p>CITY WIDE</p> 
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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		200.0			75.0	75.0	Capital Budget Project No: 09015 Engineering Project No: 7427 Finance Project No: 150785 A/E Consultant: Bath Contractor: TBD Award Design: Pending Award Construction: On-going Anticipated Completion: On-going Total Project Value: \$10,756,900
Construction		-		2,800.0	200.0	3,000.0	
Contingency		30.0		280.0	20.0	300.0	
Inspection/Other	1.9	50.0		120.0	30.0	150.0	
TOTAL:	1.9	280.0		3,200.0	325.0	3,525.0	
Source of Funds							
Revenue Bond	1.9	280.0		3,200.0	325.0	3,525.0	
TOTAL:	1.9	280.0		3,200.0	325.0	3,525.0	

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.

PROJECT DESCRIPTION

<p>DEPARTMENT: <u>Wastewater</u></p> <p style="text-align: right;">Sequence #20</p> <p>PROJECT TITLE: <u>Unanticipated Wastewater Capital Requirements</u></p> <p><i>Consistency with the Comprehensive Plan: Policy Statements pg. 48: 1,3 & 6; pp. 55-58; Wastewater Master Plan</i></p> <p>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.</p>	
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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: 07009 Engineering Project No: E12204 Finance Project No: E12204 A/E Consultant: TBD Contractor: TBD Award Design: TBD Award Construction: TBD Anticipated Completion: TBD Total Project Value: \$2,850,000
Construction		300.0	150.0	150.0	250.0	550.0	
Contingency						-	
Inspection/Other						-	
TOTAL:		300.0	150.0	150.0	250.0	550.0	
Source of Funds							
Revenue Bond		300.0	150.0	150.0	250.0	550.0	
TOTAL:		300.0	150.0	150.0	250.0	550.0	

OPERATIONAL IMPACT:

Without a firm project scope, at this time you cannot measure operational impact. It is anticipated to be negligible though.

PROJECT DESCRIPTION

DEPARTMENT: Wastewater

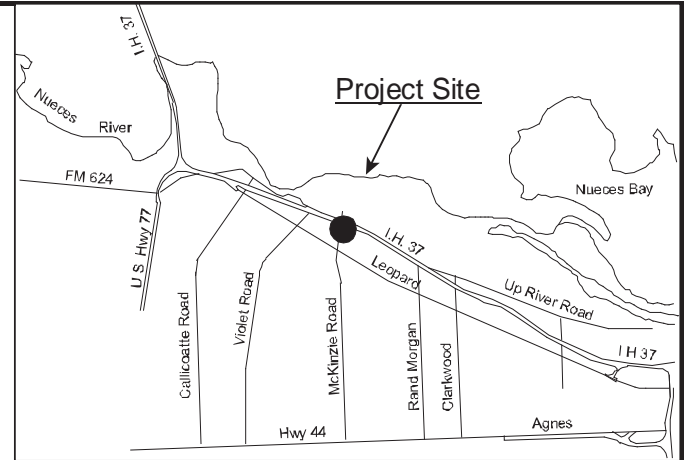
Sequence #21

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 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				750.0		750.0	Capital Budget Project No: 10005 Engineering Project No: E10045 Finance Project No: E10045 A/E Consultant: TBD Contractor: TBD Award Design: Fiscal Year '16 Award Construction: Fiscal Year '17 Anticipated Completion: Fiscal Year '18 Total Project Value: \$27,200,000
Construction					5,000.0	5,000.0	
Contingency					500.0	500.0	
Inspection/Other				100.0	300.0	400.0	
TOTAL:				850.0	5,800.0	6,650.0	
Source of Funds							
Revenue Bond				850.0	5,800.0	6,650.0	
TOTAL:				850.0	5,800.0	6,650.0	

OPERATIONAL IMPACT:

Determination of future Operational Budget Impact will be better addressed after the design process.

PROJECT DESCRIPTION

DEPARTMENT: Wastewater

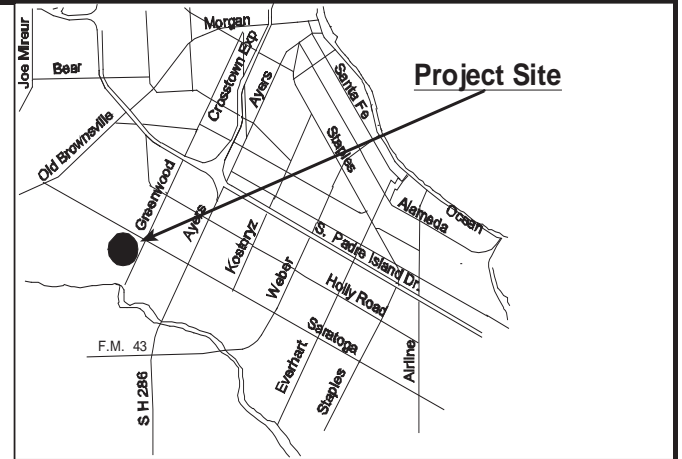
Sequence #22

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 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	85.9					-	Capital Budget Project No: 11003 Engineering Project No: E10047 Finance Project No: E10047 A/E Consultant: CRG Contractor: TBD Award Design: June 2013 Award Construction: Fiscal Year '15 Anticipated Completion: Fiscal Year '16 Total Project Value: \$2,199,700
Construction		1,200.0	550.0			550.0	
Contingency		120.0	55.0			55.0	
Inspection/Other	4.6	117.2	67.0			67.0	
TOTAL:	90.5	1,437.2	672.0			672.0	
Source of Funds							
Revenue Bond	90.5	1,437.2	672.0			672.0	
TOTAL:	90.5	1,437.2	672.0			672.0	

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.

PROJECT DESCRIPTION

DEPARTMENT: Wastewater

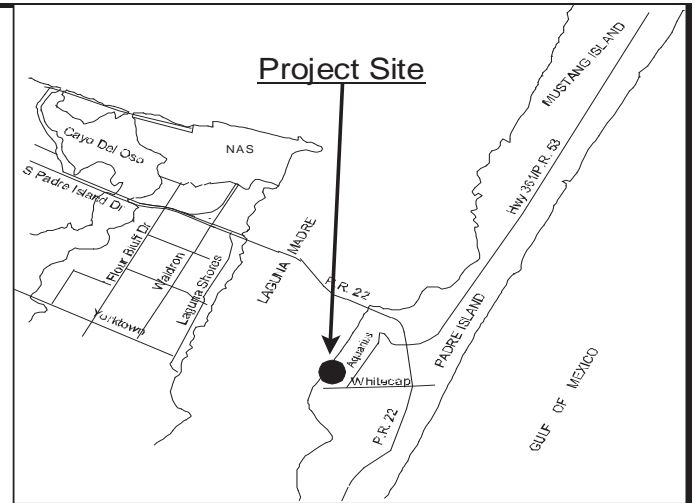
Sequence #23

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 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				400.0		400.0	Capital Budget Project No: 10005 Engineering Project No: E10053 Finance Project No: E10053 A/E Consultant: TBD Contractor: TBD Award Design: Fiscal Year '16 Award Construction: Fiscal Year '17 Anticipated Completion: Fiscal Year '18 Total Project Value: \$5,480,000
Construction					2,275.0	2,275.0	
Contingency					275.0	275.0	
Inspection/Other				80.0	150.0	230.0	
TOTAL:				480.0	2,700.0	3,180.0	
Source of Funds							
Revenue Bond				480.0	2,700.0	3,180.0	
TOTAL:				480.0	2,700.0	3,180.0	

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.

PROJECT DESCRIPTION

<p>DEPARTMENT: <u>Wastewater</u> Sequence #24</p> <p>PROJECT TITLE: <u>Homeland Security Improvements</u></p> <p><i>Consistency with the Comprehensive Plan: Policy Statements pg. 48: 1,3 & 6; pp. 55-58; Wastewater Master Plan</i></p> <p>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.</p>	<p>CITY WIDE</p> 
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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		25.0				-	Capital Budget Project No: 09020 Engineering Project No: 7430 Finance Project No: 150805 A/E Consultant: NEI Contractor: Various Award Design: On-Going Award Construction: On-Going Anticipated Completion: On-Going Total Project Value: \$364,400
Construction		125.0	75.0	75.0		150.0	
Contingency		12.0	7.5	7.5		15.0	
Inspection/Other	5.1	17.3	7.5	7.5		15.0	
TOTAL:	5.1	179.3	90.0	90.0		180.0	
Source of Funds							
Revenue Bond	5.1	179.3	90.0	90.0		180.0	
TOTAL:	5.1	179.3	90.0	90.0		180.0	

OPERATIONAL IMPACT:

Budget adjustments to capital investment for identified projects and matching fund participation will be evaluated as opportunities become available.

PROJECT DESCRIPTION

DEPARTMENT: Wastewater Sequence #25

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 or 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 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 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 Award Construction: TBD Anticipated Completion: TBD
Source of Funds							
Revenue Bond	41.2			50.0	100.0	150.0	Total Project Value: \$191,200
TOTAL:	41.2			50.0	100.0	150.0	

OPERATIONAL IMPACT:

No operational impact anticipated at this time.

PROJECT DESCRIPTION

<p>DEPARTMENT: <u>Wastewater</u></p> <p align="right">Sequence #26</p> <p>PROJECT TITLE: <u>Developer Utility Participation - Wastewater</u></p> <p><i>Consistency with the Comprehensive Plan: Policy Statements pg. 48: 1,3 & 6; pp. 55-58; Wastewater Master Plan</i></p> <p>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.</p>	<p>CITY WIDE</p> 
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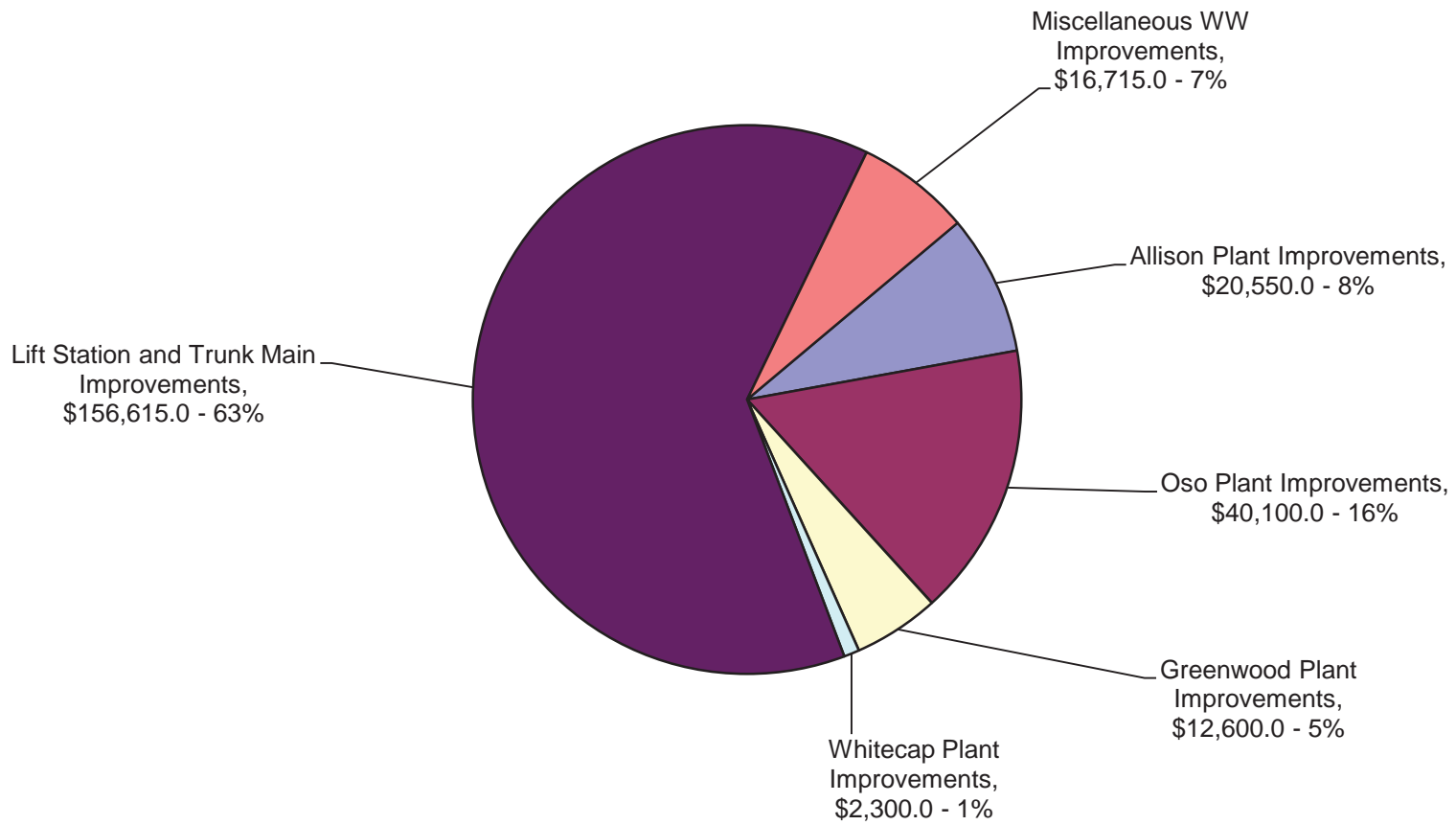
FUNDING SCHEDULE (Amounts in 000's)

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 Construction Contingency Inspection/Other	16.8	133.2	50.0	75.0	112.5	237.5	Capital Budget Project No: 07020 Engineering Project No: E12208 Finance Project No: E12208 A/E Consultant: TBD Contractor: TBD
TOTAL:	16.8	133.2	50.0	75.0	112.5	237.5	Award Design: TBD
Source of Funds							Award Construction: TBD
Revenue Bond	16.8	133.2	50.0	75.0	112.5	237.5	Anticipated Completion: TBD
TOTAL:	16.8	133.2	50.0	75.0	112.5	237.5	Total Project Value: \$952,500

OPERATIONAL IMPACT:

This item should increase wastewater revenues through additional customer usage.

**Wastewater
Long-Range CIP: \$248,880.0
(Amounts in 000's)**



**WASTEWATER
LONG-RANGE CIP**

		<u>Long-Range Year</u>
LR-01	<p><u>City-Wide Collection System Replacement and Rehabilitation IDIQ Program (SSOI) (Continuation)</u> <u>\$117,000,000</u></p> <p>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.</p>	4,5,6,7 8,9,10
LR-02	<p><u>Oso Water Reclamation Plant Nutrient Removal and Re-Rate to 18 MGD (Continuation)</u> <u>\$40,100,000</u></p> <p>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.</p>	4,5,6,7
LR-03	<p><u>Capacity Assessment Improvements (Continuation)</u> <u>\$14,000,000</u></p> <p>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.</p>	4,5,6,7 8,9,10
LR-04	<p><u>Citywide Wastewater Master Plan (Continuation)</u> <u>\$400,000</u></p> <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>	4

**WASTEWATER
LONG-RANGE CIP**

LR-05	<u>Greenwood Plant 8 to 12 MGD Expansion (Continuation)</u>	<u>\$12,600,000</u>	4
	<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-06	<u>Lift Station Repair: Citywide (Continuation)</u>	<u>\$7,000,000</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>Citywide Wastewater Lift Station Alternate Power Supply (Continuation)</u>	<u>\$6,950,000</u>	4,5 6, 7, 8
	<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-08	<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>		

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LR-09	<u>Allison WWTP Process Upgrade and Replacement (Continuation)</u>	<u>\$20,550,000</u>	4, 6, 7
	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.		
LR-10	<u>Whitecap Odor Control, Process and Bulkhead Improvements (Continuation)</u>	<u>\$2,300,000</u>	4
	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.		
LR-11	<u>Developer Utility Participation - Wastewater (Continuation)</u>	<u>\$565,000</u>	4,5,6,7,8
	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.		
LR-12	<u>Williams Lift Station and Force Main (Line A)</u>	<u>\$8,050,000</u>	4, 5, 6
	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.		
LR-13	<u>Williams /Wooldridge Lift Station Hydraulics Improvements</u>	<u>\$5,800,000</u>	4, 5, 6
	This project will upgrade hydraulics at the Williams and Wooldridge Lift Stations due to age of existing equipment.		
LR-14	<u>Clarkwood North Lift Station Header Repair</u>	<u>\$3,195,000</u>	4, 5, 6
	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.		

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LR-15	<u>21" and 24" Gravity Line from Aberdeen to Oso Plant</u>	<u>\$4,620,000</u>	6, 7, 8
	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.		
LR-16	<u>7th Street Trunk Relining</u>	<u>TBD</u>	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-17	<u>T-Heads Lift Station Upgrades</u>	<u>\$3,310,000</u>	7, 8
	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.		
LR-18	<u>24" Gravity Line in Gollihar</u>	<u>\$690,000</u>	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-19	<u>Flynn Parkway - Everhart Trunk Relining</u>	<u>TBD</u>	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-20	<u>Nile Drive Trunk Main</u>	<u>TBD</u>	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-21	<u>Cimarron Gravity Line</u>	<u>TBD</u>	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.		

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LR-22	<u>Cimarron & Lenz Drive Lift Station</u>	TBD	
	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.		11+
LR-23	<u>LaBonte Park Lift Station and Force Main</u>	TBD	
	Upgrading the existing lift station including larger pumps, additional structural work, and force mains.		11+
LR-24	<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-25	<u>Allison WWTP Expansion from 5 to 7 MGD</u>	TBD	
	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.		11+
LR-26	<u>Sanitary Sewer Installation in Developed Areas</u>	TBD	
	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.		11+
LR-27	<u>Laguna Madre WWTP Expansion from 3 to 6 MGD</u>	TBD	
	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.		11+

TOTAL FUTURE CAPITAL IMPROVEMENT NEEDS:	\$248,880,000
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