

Fiscal Year 2017 – 2018
Proposed
**Capital Improvement Program (CIP) Budget
and Planning Guide**



First Reading
August 29, 2017



Proposed Capital Improvement Budget and Planning Guide

- **Purpose:** To identify, prioritize, fund and construct capital projects.
- **Provides:** Project scopes, cost and schedules for planned and anticipated projects over the next ten years.
- **Includes:** Details specific information on projects programmed within the next three years.



Proposed Capital Improvement Budget and Planning Guide

Sections of the document:

- **Year One (Fiscal Year 2018) :** A fully-funded work plan based on available financial capacity and greatest prioritized needs.
- **Short-Range Program:** Facilitates fiscal and needs-based planning for Years 2 and 3.
- **Long-Range Forecast:** Located at the back of each section and consists of items considered important, but not funded.

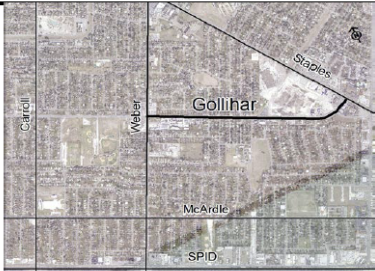


Proposed Capital Improvement Budget and Planning Guide

DRAFT - WASTEWATER FISCAL YEAR 2018 CIP PROGRAM (WITH STREET SUPPORT) - June 2017																
	WASTEWATER SHORT RANGE CIP	Prior FY	Prior FY	FY 17-18	FY 18-19	FY 19-20	FY 20-21	FY 21-22	FY 22-23	FY 23-24	FY 24-25	FY 25-26	FY 26-27	FY 27-32	10 Year	PROJECT
SEQ	Project Name	Expenditures & Encumbrances	Unspent Budget	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7	Year 8	Year 9	Year 10	Year 11-15	TOTALS	TOTAL
WW 01	Citywide Collection System Indefinite Delivery/Indefinite Quantity Program	18,489.0	12,309.6	1,000.0	13,000.0	16,000.0	18,000.0	18,000.0	18,000.0	18,000.0	18,000.0	18,000.0	18,000.0	18,000.0	156,000.0	186,798.6
WW 02	Citywide Lift Station Repair	1,363.9		3,000.0	3,000.0	3,000.0									9,000.0	10,363.9
WW 03	Citywide Wastewater Lift Station Alternate Power Supply	9.1		300.0	300.0	300.0	300.0	300.0	300.0						1,800.0	1,809.1
WW 04	Citywide Wastewater Master Plan					400.0	400.0	400.0							1,200.0	1,200.0
WW 05	Wastewater Treatment Plants & Lift Station SCADA Improvements			500.0	500.0	3,000.0	3,000.0								7,000.0	7,000.0
	Allison Basin															
WW 06	Allison WWTP Lift Station and Plant Improvements	293.6	4,250.4												-	4,544.0
WW 07	Allison Plant Process Upgrade and Replacement			500.0	2,000.0	3,500.0									6,000.0	6,000.0
WW 08	Sharpsburg Lift Station and Up River Road Force Main Rehabilitation	3,719.5	372.2												-	4,091.7
WW 09	Clarkwood North Lift Station Header Repairs				400.0	1,200.0	1,500.0								3,100.0	3,100.0
	Greenwood Basin															

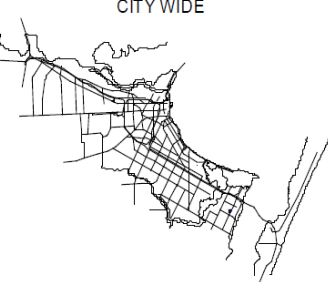


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Proposed Bond 2014 Proposition One: STREETS						Sequence #02	
PROJECT TITLE: Gollihar Road - South Staples Street to Weber Road							
<p><i>Consistency with the Comprehensive Plan; Policy Statements pp. 25-32; Transportation Master Plan</i></p> <p>DESCRIPTION: This project includes full depth reconstruction of the existing 5-lane roadway with new curb and gutter, sidewalks, ADA ramps and pavement markings. Utility improvements include water, wastewater, storm water and gas. The project includes wide multi-use sidewalks on both sides for pedestrian and bike transit.</p>						<p>PROJECT NOTES:</p> <p>Project No: E13087 A/E Consultant: Naismith Engineering Contractor: TBD Award Design: Jan. 2014 Award Construction: Dec. 2016 Anticipated Completion: May 2019</p>	
FUNDING SCHEDULE (Amount in 000's)							
Use of Funds	Project-to-Date Obligations May 2016	Unspent Prior Budget as of June 2016	CIP Budget Year 1 2016 - 2017	Year 2 2017 - 2018	Year 3 2018 - 2019	Future Budget Required (Years 4 - 10)	Total Project Value (Amounts in \$'s)
STREETS	673.1	6,826.4					7,499,500
STORM WATER	385.7		2,604.0	3,164.0			6,153,700
WASTEWATER	82.1		300.0	98.5			480,600
WATER	148.7		934.0	934.0			2,016,700
GAS	30.8						30,800
TOTAL:	1,320.4	6,826.4	3,838.0	4,196.5	-	-	\$ 16,181,300
Source of Funds							
Bond Issue 2014		6,415.2					6,415,200
Tax Notes	673.1	411.2					1,084,300
Revenue Bonds	647.3		3,838.0	4,196.5			8,681,800
TOTAL:	1,320.4	6,826.4	3,838.0	4,196.5	-	-	\$ 16,181,300
<p>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.</p>							

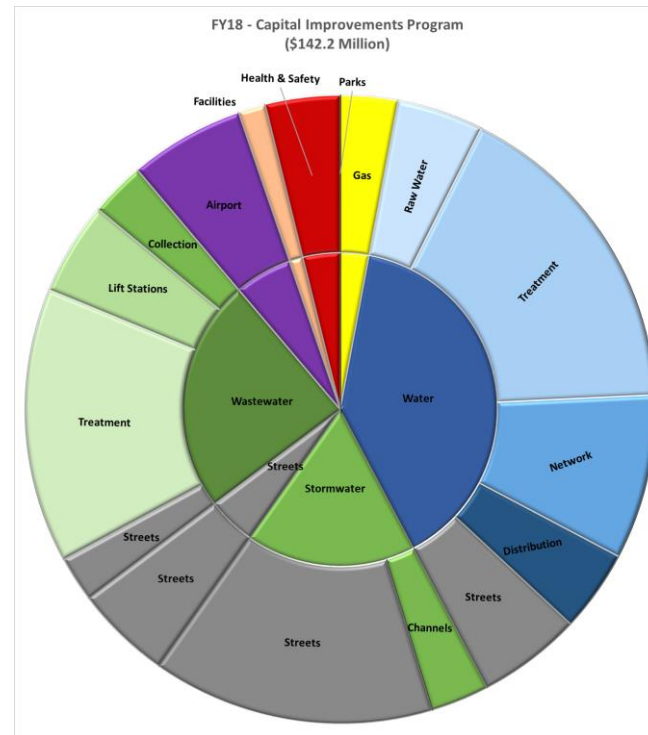
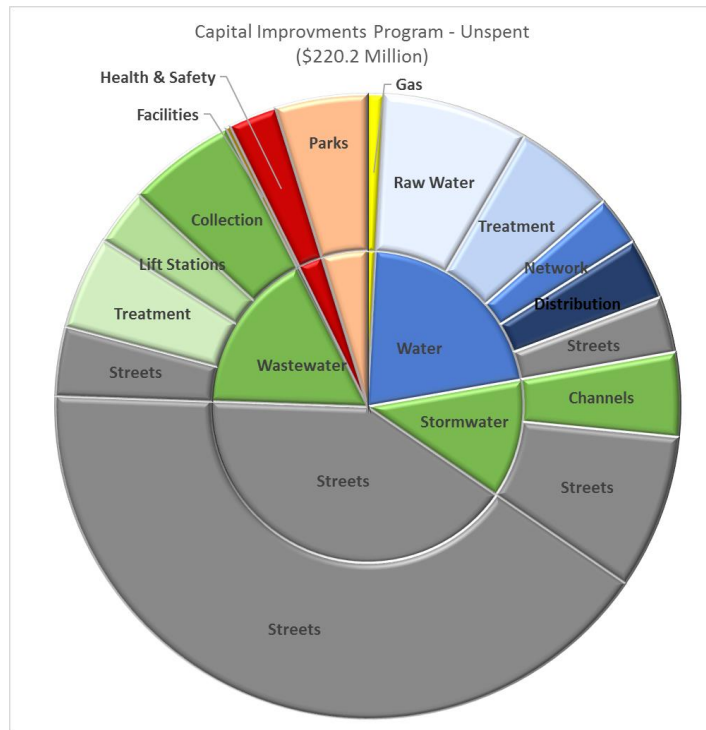


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Department: <u>WATER</u>		Sequence #03					
PROJECT TITLE: Elevated Water Storage Tanks (Alternate Capacity Requirement Implementation Plan)							
<p><i>Consistency with the Comprehensive Plan: Policy Statements pp. 48: 1, 3 & 6; pp. 55-57; Water Master Plan</i></p> <p>DESCRIPTION: The existing Elevated Storage Tanks (EST) have inadequate volume and elevation to meet minimum storage requirement as defined by the Texas Commission on Environmental Quality (TCEQ). This project is a phased 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). Design for Tanks 1 and 2 have been accomplished. Construction is underway and scheduled to be complete in early 2018. To expedite the City's ACR Implementation plan and save project costs, the City proposed to combine the original Phase 3 and Phase 4 for ESTs at the Starry Road on City-owned property and at the Nueces Bay Blvd at undetermined site, which was approved by TCEQ. Phase 3 also includes demolition of the existing four ESTs in the City's Pressure Zone 1 which are identified by the City as Morgan EST, Gollihar EST, Alameda EST, and Flour Bluff EST.</p>	<p>CITY WIDE</p> 	<p>PROJECT NOTES:</p> <p>DISTRIBUTION</p> <p>Project No: E11012</p> <p>A/E Consultant: LNV</p> <p>Contractor: CBI, Inc.</p> <p>Award Design: March 2011</p> <p>Award Construction: May 2016</p> <p>Anticipated Completion: Feb. 2018</p>					
FUNDING SCHEDULE (Amount in 000's)							
Use of Funds	Project-to-Date Obligations May 2016	Unspent Prior Budget as of June 2016	CIP Budget Year 1 2016 - 2017	Year 2 2017 - 2018	Year 3 2018 - 2019	Future Budget Required (Years 4 - 10)	Total Project Value (Amounts in \$'s)
Design & Engineering		216.0	500.0	800.0	700.0	250.0	2,466,000
Construction	6,000.0	1,200.0	6,000.0	8,000.0	7,000.0	2,500.0	30,700,000
Contingency		100.0	600.0	800.0	600.0	250.0	2,350,000
Inspection/Other	143.5	150.5	150.0	400.0	200.0	151.1	1,195,100
TOTAL:	6,143.5	1,666.5	7,250.0	10,000.0	8,500.0	3,151.1	\$ 36,711,100
Source of Funds							
Revenue Bond	6,143.5	1,666.5	3,850.0	10,000.0	8,500.0	3,151.1	33,311,100
Water Capital Reserves			3,400.0				3,400,000
TOTAL:	6,143.5	1,666.5	7,250.0	10,000.0	8,500.0	3,151.1	\$ 36,711,100
<p>OPERATIONAL IMPACT: This project will allow the city to meet its commitment to TCEQ as defined in the 9-year Alternative Capacity Requirement (ACR) implementation plan approved in 2012. Higher tanks will additionally provide higher pressure and better pressure stabilization in the distribution system as required. No additional costs will be incurred.</p>							



Current & FY '18 Proposed CIP





Airport

- **Year One: \$8.4 Million**
- *Program Highlights:*
 - Reconstruct Air Carrier Ramp
 - Air Operations Area
 - Runway 13-31 Extension Safety Mitigation
- *Funding Sources:*
 - Federal Aviation Administration Grants
 - Certificates of Obligation
 - Airport Capital Reserves



Parks & Recreation

- Year One: \$0.0 Million
- *Program Highlights:*
 - Packery Channel Miscellaneous Improvements
 - Community Park Development & Improvements
 - Completion of previously funded Bond 2012 projects
- *Funding Sources:*
 - Community Development Block Grant
 - Tax Increment Financing District
 - General Obligation Bonds



Public Facilities

- Year One: \$2.0 million
- *Program Highlights:*
 - Central Library Roof Replacement
 - New Roof at City Service Center Warehouse
 - Repairs to Recreation Centers - Citywide
- *Funding Sources:*
 - Certificates of Obligation



Public Health / Safety

- **Year One: \$5.5 Million**
- ***Program Highlights:***
 - Completion of previously funded projects in the areas of:
 - Bond 2012
 - J.C. Elliott and Cefé' Valenzuela Landfills
 - Seawall Improvement Projects
- ***Funding Sources:***
 - General Obligation Bonds (2012)
 - Certificates of Obligation
 - Sales Tax Proceeds (Type A Board Funding)



Streets

- **Year One: \$7.1 Million**
- *Program Highlights:*
 - Bond 2016 Residential Street Rebuild Program
 - Six points Intersection Improvements
 - Street Lighting Improvements
- *Funding Sources:*
 - General Obligation Bonds (2012)
 - Texas Department of Transportation Funding
 - Certificates of Obligation



Gas

- **Year One: \$4.2 Million**
- *Program Highlights:*
 - Gas Line Replacement / Extension Program
 - New Gas Transmission Lines
- *Funding Sources:*
 - Utility Revenue Bonds
 - Gas Capital Reserves



Storm Water

- **Year One: \$24.9 Million**
- ***Program Highlights:***
 - Lifecycle Pipe Rehabilitation and Replacement
 - Gollihar Outfall Repairs
 - Lifecycle Curb and Gutter Replacement
- ***Funding Sources:***
 - Utility Revenue Bonds
 - Storm Water Capital Reserves



Water Supply

- **Year One: \$6.3 Million**
- *Program Highlights:*
 - Seawater Desalination Program
 - Wesley Seale Instrumentation Testing and Replacement
- *Funding Sources:*
 - Utility Revenue Bonds
 - Texas Water Development Board
 - Raw Water Supply Reserve



Water

- **Year One: \$49.6 Million**
- *Program Highlights:*
 - Programmed Water Service Life Extension
 - Elevated Storage Tanks, Phase 2
 - Support of Street Bond Projects
- *Funding Sources:*
 - Utility Revenue Bonds
 - Water Capital Reserves



Wastewater

- **Year One: \$34.2 Million**
- ***Program Highlights:***
 - Greenwood WWTP Improvements to UV System
 - City-wide Collection System Assessment and Repair (IDIQ)
 - Capacity Assessment Improvements
 - Support of Street Bond Projects
- ***Funding Sources:***
 - Utility Revenue Bonds
 - Wastewater Capital Reserves



QUESTIONS?