

FY 2019 Capital Improvement Projects

Capital Improvement Fund - General Fund Cash Projects

Unappropriated Available Beginning Balance - General Fund Cash	\$	160,782
FY 2018 adopted budget Bellaire Family Aquatic Center Project - re-allocated for drainage study	\$	135,000
FY 2018 adopted budget Park Signage Project - re-allocated for drainage study	\$	100,000
FY 2018 adopted budget Citywide Beautification	\$	126,000
Earmarked - 2015 May Flood insurance proceeds - Public Works Building	\$	165,475
Earmarked - ROW (Paseo Park)	\$	187,500
Transfer in From General Fund	\$	280,000
Total Resources	\$	1,154,757

Decorative Standards for Streetlights Pilot Project - This project will provide better lighting and a decorative standard for major streets throughout the City. The initial project will focus on Newcastle Street and trail, and future phases may focus on other major streets and high-traffic areas. The funding identified for this work represents what the City of Bellaire would pay for the purchase and installation of the lights by CenterPoint Energy. CenterPoint would maintain the lights on behalf of the City in perpetuity.	\$	126,000
Supplement to Offset Impound Lot Project - Improvements to Public Works Facility to accommodate Police Department impound needs related to the construction of the new Police / Court Building have already been constructed. This funding would reimburse the bond fund that was originally used to fund these improvements.	\$	100,000
Park Improvements After Municipal Facilities Project - Site Improvements to improve circulation and cohesiveness after completion of construction.	\$	100,000
Study - North / South Drainage Systems and Cypress Ditch - Determine partners, study alternatives, and develop cost estimates for improvements to increase capacity of the north/south drainage systems and Cypress Ditch. Study would include development of a model of Cypress Ditch, which would form the framework for later studies as well. Recommended improvement projects to interior systems, trunk systems, and interior detention ponds would be evaluated. Evaluation of structure buy-outs options and building code standards would also be included.	\$	315,000
Public Works Interim Facility Improvements - Improvements to the Public Works interim facility.	\$	165,475
Total FY 2019 General Fund CIP	\$	806,475
Ending Balance	\$	348,282

FY 2019 Capital Improvement Projects

Capital Improvement Fund - Enterprise Fund Cash Projects

Beginning Balance	\$	5,977
Transfer in From Enterprise Fund	\$	100,000
Total Resources	\$	105,977
Central Well Pumps - Replace all three booster pumps and motors, which have been rebuilt multiple times and are past their life expectancy. Increased energy efficiency and reduced repairs will provide a return on investment.	\$	105,977
Total FY 2019 Enterprise Fund CIP	\$	105,977
Ending Balance	\$	-

FY 2019 Capital Improvement Projects

Capital Bond Fund CIP	
Bonds for Better Bellaire 2016 Revenue	\$ 10,000,000
Total Resources	\$ 10,000,000
Street, Drainage and Sidewalks – The program will continue the City’s practice to design and construct streets and upgrade storm sewers concurrently in one project with sidewalks installed on at least one side of the street phase III.	\$ 6,000,000
Water Improvements – This program was created from prior utility condition assessments to replace identified water and wastewater lines that are failing to provide the desired level of service due to the deterioration of aging lines.	\$ 4,000,000
Total FY 2019 Capital Bond Fund CIP	\$ 10,000,000
Ending Balance	\$ -
METRO Fund CIP	
Beginning Balance	\$ 222,025
Current Year Revenues	\$ 1,244,750
Total Resources	\$ 1,466,775
Pavement Management Program – This maintenance program was created from the City Engineer’s Infrastructure Report in 2015 to improve the overall quality of the street and sidewalk systems by repairing or replacing asphalt and concrete pavement.	\$ 1,466,775
Total FY 2019 METRO Fund CIP	\$ 1,466,775
Ending Balance	\$ -
Combined FY 2019 Adopted Capital Improvement Plan	
Total CIP Resources	\$ 12,727,509
Total CIP Projects	\$ 12,379,227
Total CIP Ending Balances	\$ 348,282

Five-Year Capital Improvement Plan Capital Improvement Fund - General Fund Cash Projects

Description	FY 2019 Adopted	FY 2020 Planned	FY 2021 Planned	FY 2022 Planned	FY 2023 Planned	FY 2018 - FY 2023 Totals
Available Unappropriated Beginning Balance	\$ 160,782	\$ 160,782	\$ 45,782	\$ 45,782	\$ -	\$ 160,782
FY 2018 adopted budget Bellaire Family Aquatic Center Project - drainage study	\$ 135,000					\$ 135,000
FY 2018 adopted budget Park Signage Project - drainage study	\$ 100,000					\$ 100,000
FY 2018 Citywide Beautification	\$ 126,000					\$ 126,000
Earmarked - 2015 May Flood - Public Works Building	\$ 165,475					\$ 165,475
Earmarked - ROW (Paseo Park)	\$ 187,500	\$ 187,500	\$ 187,500	\$ 187,500		\$ 187,500
Transfer in From General Fund	\$ 280,000	\$ 320,000	\$ 150,000	\$ 160,000	\$ -	\$ 910,000
Total Resources	\$ 1,154,757	\$ 668,282	\$ 383,282	\$ 393,282	\$ -	\$ 1,784,757
Holly Street Esplanade - Additional amenities and plantings for the Holly Street Esplanade Project. Project includes additional plantings, additions to the irrigation system, and additional site furnishings on those medians that were not improved in FY 2016.			\$ 50,000	\$ 100,000		\$ 150,000
Playgrounds, Shade Structures, and Park Amenities - Provides annual funding to address city-wide replacement and/or purchase of new playground equipment, shade structures and park amenities.		\$ 100,000	\$ 100,000			\$ 200,000
Park Signage Master Plan and Implementation - Includes all signage used in City of Bellaire Parks. Master Plan would incorporate findings of the Brand Identity Project and provide an important step towards improving the overall aesthetics of the City while improving consistency and quality of park signage.		\$ 100,000				\$ 100,000
Decorative Standards for Streetlights Pilot Project - This project will provide better lighting and a decorative standard for major streets throughout the City. The initial project will focus on Newcastle Street and trail, and future phases may focus on other major streets and high-traffic areas. The funding identified for this work represents what the City of Bellaire would pay for the purchase and installation of the lights by CenterPoint Energy. CenterPoint would maintain the lights on behalf of the City in perpetuity.	\$ 126,000	\$ 150,000				\$ 276,000
Loftin Park Improvements - Improvements to Loftin Park including invasive or unhealthy tree removal, additional tree plantings, irrigation system, and fencing improvements.				\$ 105,782		\$ 105,782
Paseo Park West Expansion - Park expansion would be possible with future relocation of Metro transit center. Funding is restricted and can only be used to develop new park facilities.				\$ 187,500		\$ 187,500

The CIP beyond FY 2019 does not appropriate any funds for projects listed; it is a guideline for planning.

Five-Year Capital Improvement Plan Capital Improvement Fund - General Fund Cash Projects

Description	FY 2019 Adopted	FY 2020 Planned	FY 2021 Planned	FY 2022 Planned	FY 2023 Planned	FY 2018 - FY 2023 Totals
Supplement to offset Impound Lot Project - Improvements to Public Works Facility to accommodate PD impound needs related to the construction of the new Police / Court Building have already been constructed. This funding would reimburse the bond fund that was originally used to fund these improvements.	\$ 100,000					\$ 100,000
Park Improvements After Municipal Facilities Project - Site Improvements to improve circulation and cohesiveness after completion of construction.	\$ 100,000					\$ 100,000
Study - North / South Drainage Systems and Cypress Ditch - Determine partners, study alternatives, and develop cost estimates for improvements to increase capacity of the north/south drainage systems and Cypress Ditch. Study would include development of a model of Cypress Ditch, which would form the framework for later studies as well. Recommended improvement projects to interior systems, trunk systems, and interior detention ponds would be evaluated. Evaluation of structure buy-outs options and building code standards would also be included.	\$ 315,000					\$ 315,000
Study - Sheet Flow Barrier Removal - Identify barriers restricting sheet flow and determine what project could relieve this problem. This study would build upon the North / South Drainage Systems and Cypress Ditch study model and would look to determine locations of topographic blockage of storm water, including streets that are at a higher elevation. Develop alternatives to alleviate identified blockages. Recommended alternatives would require additional funds.		\$ 50,000				\$ 50,000
Study - Kilmarnock Ditch - Coordinate with HCFCF to determine steps necessary to increase the size of the outfall of Kilmarnock Ditch. Evaluate the benefit of constructing extreme event outfalls at Bellaire Blvd and within the Southdale Subdivision to Kilmarnock Ditch. This study would evaluate right-of-way in areas of proposed improvements. Recommended projects would require additional funds.		\$ 35,000				\$ 35,000
Public Works Interim Facility Improvements - Improvements to the Public Works interim facility.	\$ 165,475					\$ 165,475
Total General Fund CIP Expenditures	\$ 806,475	\$ 435,000	\$ 150,000	\$ 393,282	\$ -	\$ 1,784,757
Total General Fund CIP Ending Balance	\$ 348,282	\$ 233,282	\$ 233,282	\$ -	\$ -	-

The CIP beyond FY 2019 does not appropriate any funds for projects listed; it is a guideline for planning.

Five-Year Capital Improvement Plan Capital Improvement Fund - Enterprise Fund Cash Projects

Description	FY 2019 Adopted	FY 2020 Planned	FY 2021 Planned	FY 2022 Planned	FY 2023 Planned	FY 2018 - FY 2023 Totals
Available Beginning Balance	\$ 5,977	\$ -	\$ -	\$ -	\$ -	\$ 5,977
Transfer in from Enterprise Fund	\$ 100,000	\$ 140,000	\$ 500,000	\$ 435,000	\$ -	\$ 1,175,000
Total Resources	\$ 105,977	\$ 140,000	\$ 500,000	\$ 435,000	\$ -	\$ 1,180,977
Central Well Pumps - Replace all three booster pumps and motors, which have been rebuilt multiple times and are past their life expectancy. Increased energy efficiency and reduced repairs will provide a return on investment.	\$ 105,977	\$ 140,000				\$ 245,977
Central Well Control Panel - Replace Control Panel that controls Booster Pumps 1, 2, and 3. Replace or run new wiring as needed due to abandoned runs, previous splices, and out dated components.			\$ 500,000			\$ 500,000
Feld Park Well - Add a new standby diesel generator, improving for health and safety of City water supply and fire fighting capabilities. Feld Park provides groundwater and is also the only other supply of surface water for the City. A standby generator will allow the City to have two operable groundwater and surface water sources readily available in the event of a power outage.				\$ 435,000		\$ 435,000
Total Enterprise Fund CIP Expenditures	\$ 105,977	\$ 140,000	\$ 500,000	\$ 435,000	\$ -	\$ 1,180,977
Total Enterprise Fund Ending Balance	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

The CIP beyond FY 2019 does not appropriate any funds for projects listed; it is a guideline for planning.

Five-Year Capital Improvement Plan

Capital Bond Fund

Description	FY 2019 Adopted*	FY 2020 Planned**	FY 2021 Planned**	FY 2022 Planned**	FY 2023 Planned***	FY 2018 - FY 2023 Totals
Available Beginning Fund Balance	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Current Year Revenues	\$ 10,000,000	\$ 16,700,000	\$ 15,500,000	\$ 15,000,000	\$ 12,000,000	\$ 69,200,000
Total Resources	\$ 10,000,000	\$ 16,700,000	\$ 15,500,000	\$ 15,000,000	\$ 12,000,000	\$ 69,200,000
Street, Drainage and Sidewalks – The program will continue the City’s practice to design and construct streets and upgrade storm sewers concurrently in one project with sidewalks installed on at least one side of the street.	\$ 6,000,000	\$ 12,500,000	\$ 12,500,000	\$ 12,000,000	\$ 8,500,000	\$ 51,500,000
Water Line Improvements – This program was created from prior utility condition assessments to replace identified water lines that are failing to provide the desired level of service due to the deterioration of aging lines.	\$ 4,000,000	\$ 3,000,000	\$ 3,000,000	\$ 3,000,000	\$ 3,500,000	\$ 16,500,000
Wastewater Treatment Plant Electrical - Replacement of the control panel and components. The current control panel is the original panel installed during the construction of the facility to operate the various pumps and motors that run the WWTP. The electrical wiring and components have exceeded their life expectancy. It is recommended to upgrade the electrical wiring, breakers, starters, and include modern smart controls.		\$ 1,200,000				\$ 1,200,000
Total Capital Bond Fund CIP Expenditures	\$ 10,000,000	\$ 16,700,000	\$ 15,500,000	\$ 15,000,000	\$ 12,000,000	\$ 69,200,000
Total Ending Balance	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

* Remaining authority from Bonds For Better Bellaire 2016 (BBB16) - August 2019 bond sale

** 2019 Bond Referendum Bonds For Better Bellaire 2019 (BBB19)

***2022 Bond Referendum Bonds For Better Bellaire 2022 (BBB22)

Five-Year Capital Improvement Plan

METRO Fund

Description	FY 2019 Adopted	FY 2020 Planned	FY 2021 Planned	FY 2022 Planned	FY 2023 Planned	FY 2018 - FY 2023 Totals
METRO Sales Tax Available Beginning Balance	\$ 222,025	\$ -	\$ -	\$ -	\$ -	\$ 222,025
Current Year Revenues	\$ 1,244,750	\$ 1,257,200	\$ 1,269,778	\$ 1,282,479	\$ 1,295,343	\$ 5,054,207
Total Resources	\$ 1,466,775	\$ 1,257,200	\$ 1,269,778	\$ 1,282,479	\$ 1,295,343	\$ 6,571,575
Pavement Management Program – This maintenance program was created from the City Engineer’s Infrastructure Report in 2015 to improve the overall quality of the street and sidewalk systems by repairing or replacing asphalt and concrete pavement.	\$ 1,466,775	\$ 1,257,200	\$ 1,269,778	\$ 1,282,479	\$ 1,295,343	\$ 6,571,575
Total Expenditures	\$ 1,466,775	\$ 1,257,200	\$ 1,269,778	\$ 1,282,479	\$ 1,295,343	\$ 6,571,575
Total Ending Fund Balance	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Capital Improvement Plan Future Projects

<i>Description</i>	<i>Estimated Budget</i>
<i>Cost estimates should be reevaluated as projects are identified as funded and schedules are identified, as inflation will impact these estimates.</i>	
South Rice Esplanade Improvements - Improvements to the four esplanades along South Rice at Bellaire Boulevard and Bissonnet St. Project to include design and construction of mow strips, additional planting, edging, mulch, and other landscape improvements.	\$ 120,000
9/11 World Trade Center Steel Project Construction - Donations have been received by the Rotary Club to fund the preliminary design of a plaza intended to display pieces of steel from the World Trade Center. The pieces are currently stored in the City's Impound Facility and show signs of damage from the attack on September 11, 2001. Construction costs will be more accurately estimated after preliminary design is completed. Funding for this project will come from non-City of Bellaire sources.	TBD
Bellaire Town Square Ball Field - Upgrade / Automate Ball Field Lights, Poles, & Netting	\$ 500,000
Bellaire Town Square Tennis Courts - Upgrade / Automate Tennis Court Lighting and Tennis Court Resurfacing	\$ 250,000
Bellaire Town Square Recreation Center Renovation Design - Programming and design of key improvements to the Bellaire Recreation Center Building	\$ 120,000
Bellaire Town Square Recreation Center Renovation Construction - Key improvements to include accessibility upgrades and general renovations	\$ 800,000
Bellaire Town Square Concession Stand Renovation	\$ 50,000
Mulberry Park Restroom Facility	\$ 200,000
Mulberry Park Tennis Courts - Replace tennis fencing, upgrade and automate lighting and resurface tennis court	\$ 300,000
Mulberry Park Ball Field - Upgrade / Automate Ball Field Lighting	\$ 300,000
Mulberry Park Parking Lot - Parking Lot Replacement	\$ 450,000
Feld Park Renovation Design - Park improvements including parking lot, sidewalks and paths, fencing and sports fields/courts	\$ 150,000
Feld Park Construction - Park improvements including parking lot, sidewalks and paths, fencing and sports fields/courts and ball field lighting	\$ 1,500,000
Vic Driscoll Park Pathway Lighting	\$ 70,000
Trolley Esplanade Renovation - Improvements to include general and specialized lighting, sidewalks and paths, drainage, signage and interpretive graphics, and trolley area improvements in Paseo Park.	\$ 1,000,000
Total Future Projects	\$ 5,810,000