



FY 2018

Capital Improvement Funds

Description

The Five Year Capital Improvement Plan (CIP) includes: (a) the Capital Improvement Fund, which accounts for those projects funded by the operating funds (General Fund and Enterprise Fund), (b) the Capital Bond Fund, which includes those projects funded by bond proceeds and related interest earnings, and (c) the Metro Fund, which includes those projects funded by METRO Mobility funds.

The CIP is comprehensive and projects the City's capital needs over a five year time horizon. Adopting the CIP does not appropriate funds for future year projects outlined in the CIP as the CIP is simply a guideline for planning and it is reviewed and modified annually. Only projects for the upcoming fiscal year are considered part of the adopted budget.

FY 2018 Planned Capital Projects

Capital Improvement Fund – The Capital Improvement Fund is funded by transfers from the General Fund and the Enterprise Fund. The General Fund's FY 2018 budget includes \$42,426 to be transferred to the Capital Improvement Fund. The Enterprise Fund's FY 2018 budget includes \$120,000 to be transferred to the Capital Improvement Fund. These revenues plus the available beginning fund balance are considered available resources – resources available to be used for FY 2018 projects. Total FY 2018 available resources for the Capital Improvement Fund are \$1,743,027, of which \$1,377,050 relates to the General Fund and \$365,977 relates to the Enterprise Fund. Available resources are budgeted to be expended as follows:

General Fund Related

\$100,000	Improvements to playground equipment, shade structures, and park amenities
50,000	Park Signage Master Plan and Implementation
75,000	Development of a decorative standard streetlight for major streets
<u>50,000</u>	Update the Facilities Master Plan
\$275,000	Total Budgeted FY 2018 General Fund Related Project Expenditures

The total remaining ending balance in the CIP is earmarked for future projects that total \$1,102,050, including the Signature Corner Design project for \$751,050 in FY 2019 and Paseo Park West Expansion in FY 2022 for \$351,000.

Enterprise Fund Related

\$285,000	Renovation of the Renwick Well
<u>75,000</u>	Renovation of the Wendell Lift Station
\$360,000	Total Budgeted FY 2018 Enterprise Fund Related Project Expenditures

Enterprise Fund related beginning balances are also being used to reduce the transfer in from the Enterprise Fund to fund current year projects.

Capital Bond Fund – The Capital Bond Fund is funded by bond proceeds and related interest earnings. Total budgeted FY 2018 revenues for the Capital Bond Fund are \$12,500,000. These revenues are budgeted to be expended as follows:

\$7,000,000	2016 Bonds for Better Bellaire Streets and Drainage Project
4,500,000	2016 Bonds for Better Bellaire Water and Wastewater Line Improvements
<u>1,000,000</u>	2016 Bonds for Better Bellaire Sidewalks Project
\$12,500,000	Total Budgeted FY 2018 Project Expenditures

Metro Fund – The Metro Fund is funded by METRO Mobility funds received by the City from the Metropolitan Transit Authority of Harris County (METRO) pursuant to an interlocal agreement. Pursuant to the agreement, METRO remits a portion of the sales and use taxes it collects within the Bellaire City limits to the City with the stipulation that these funds are designated for use on eligible projects including, but not limited to, street construction and maintenance, traffic control, pathway construction and maintenance, and street lighting. Total budgeted FY 2018 revenues for the Metro Fund are \$1,000,000. These revenues, plus approximately \$300,000 of available beginning fund balance, are planned to be expended as follows:

<u>\$1,300,000</u>	Pavement Management Program
\$1,300,000	Total Budgeted FY 2018 Project Expenditures

Carry-Over Capital Projects

Capital projects are often multi-year projects. While a project is often approved in a given fiscal year budget, the actual expenditures may take place over that fiscal year and future years. As such, there are carry-over projects approved in prior fiscal years where the project is still underway and has remaining expenditures. The funds appropriated in prior year budgets to fund the expenditures on carry-over projects make up the beginning fund balances of the capital improvement funds.

FY 2018 Capital Improvement Projects	
General Fund CIP	
Beginning Balance - General Fund Cash	\$ 1,334,624
Transfer in From General Fund	42,426
Total Resources	1,377,050
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
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.	50,000
Decorative Standard for Major Streets (FY 2017 Newcastle St. Pilot Project) - This project will provide better street lighting, additional trail lighting, possible use of LED lighting options, 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, as well as standards for other street categories. Plan would incorporate findings of the Brand Identity Project and provide an important step towards improving the overall aesthetics of the City.	75,000
Update to the Facilities Master Plan - Update to the City-wide facilities master plan will include Public Works and Library programming. The previous master plan informed projects at the City Hall / Civic Center and the Police / Court buildings. This update will provide necessary information about the outstanding needs and inform planning efforts.	50,000
Total FY 2018 General Fund CIP	275,000
Ending Balance	\$ 1,102,050

FY 2018 Capital Improvement Projects		
Enterprise Fund CIP		
Beginning Balance	\$	245,977
Transfer in From Enterprise Fund		120,000
Total Resources		365,977
Renwick Well - 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 an immediate return on investment.		285,000
Wendell Lift Station - Replace 3 dry pit pumps with dry pit submersible pumps. The existing lift pumps are past their useful life expectancy, have been repaired/rebuilt multiple times, and require multiple staff members to assist with deragging of pumps on a regular basis. The new proposed pumps are more energy efficient and are of a dry pit submersible design, which will allow for the pumps to run in the event that the wet well gets flooded. Also, the new submersible pumps are of a nonclogging design and will reduce/eliminate the need for deragging.		75,000
Total FY 2018 Enterprise Fund CIP		360,000
Ending Balance	\$	5,977

FY 2018 Capital Improvement Projects	
Bond Fund CIP	
Beginning Balance	\$ -
Bonds for Better Bellaire 2016	12,500,000
Total Resources	12,500,000
2016 Bonds for Better Bellaire Streets and Drainage Project - Includes street and related drainage infrastructure replacement.	7,000,000
2016 Bonds for Better Bellaire Sidewalks/Community Pathways Project - Design and construction of pedestrian facilities throughout the City.	1,000,000
2016 Bonds for Better Bellaire Water and Wastewater Line Improvements Project - Includes 50,100 linear feet of water line replacement and 350 linear feet of wastewater line replacement distributed over three years. The locations are prioritized from condition assessments and identified operational issues.	4,500,000
Total FY 2018 Bond Fund CIP	12,500,000
Ending Balance	\$ -

METRO Fund CIP	
Beginning Balance	\$ 308,000
Current Year Revenues	1,000,000
Total Resources	1,308,000
Pavement Management Program - The City of Bellaire's Pavement Management Program is geared toward improving the overall quality of the roadway systems by repairing pavement failures and distresses.	1,300,000
Total FY 2018 METRO Fund CIP	1,300,000
Ending Balance	\$ 8,000

Combined FY 2018 Capital Improvement Plan	
Total CIP Resources	\$ 15,551,027
Total CIP Projects	\$ 14,435,000
Total CIP Ending Balances	\$ 1,116,027

Five Year Capital Improvement Plan						
General Fund						
Description	FY 2018 Adopted	FY 2019 Planned	FY 2020 Planned	FY 2021 Planned	FY 2022 Planned	FY 2018 - FY2022 Totals
Beginning Balance	\$ 1,334,624	\$ 1,102,050	\$ 351,000	\$ 351,000	\$ 351,000	
Transfer in From General Fund	\$ 42,426	\$ 1,645,000	\$ 1,150,000	\$ 900,000	\$ 900,000	\$ 4,637,426
Total Resources	\$ 1,377,050	\$ 2,747,050	\$ 1,501,000	\$ 1,251,000	\$ 1,251,000	
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	\$ 50,000	\$ 50,000	\$ 100,000	\$ 250,000
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	\$ 100,000			\$ 300,000
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.	\$ 50,000	\$ 150,000	\$ 100,000			\$ 300,000
Pavement Management Program - The City of Bellaire's Pavement Management Program is geared toward improving the overall quality of the roadway systems by repairing pavement failures and distresses. This project has two funding sources: General Fund property tax revenue and METRO sales tax.	\$ -	\$ 800,000	\$ 800,000	\$ 800,000	\$ 800,000	\$ 3,200,000
Decorative Standard for Major Streets (Newcastle St. Pilot Project) - This project will provide better street lighting, additional trail lighting, possible use of LED lighting options, 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, as well as standards for other street categories. Plan would incorporate findings of the Brand Identity Project and provide an important step towards improving the overall aesthetics of the City.	\$ 75,000	\$ 75,000				\$ 150,000
City-Wide Signage Enhancements Project - The goal of the project is to identify and replace street signs within the City. Pole and sign types and aesthetics will be reviewed and new standards will be developed. Plan would incorporate findings of the Brand Identity Project and provide an important step towards improving the overall aesthetics of the City.		\$ 100,000	\$ 50,000	\$ 50,000		\$ 200,000

The CIP beyond FY 2018 does not appropriate any funds for projects listed; it is a guideline for planning.

Five Year Capital Improvement Plan						
General Fund						
Description	FY 2018 Adopted	FY 2019 Planned	FY 2020 Planned	FY 2021 Planned	FY 2022 Planned	FY 2018 - FY2022 Totals
Update to the Facilities Master Plan - Update to the City wide facilities master plan will include Public Works and Library programming. The previous master plan informed projects at the City Hall / Civic Center and the Police / Court buildings. This update will provide necessary information about the outstanding needs and inform planning efforts.	\$ 50,000					\$ 50,000
Signature Corner Design - Conceptual Designs have been provided for the corner of S. Rice Avenue and Jessamine as well as several S. Rice Ave. esplanades. Additional planning and design is needed to identify the proposed improvements. Construction funding would require new bond authority.		\$ 751,050				\$ 751,050
Lafayette Park Permanent Restroom Facility - Provide a permanent restroom facility at Lafayette Park for use by sports teams, park patrons, and dog park patrons.		\$ 200,000				\$ 200,000
Loftin Park Improvements - Improvements to Loftin Park including invasive or unhealthy tree removal, additional tree plantings, irrigation system, and fencing improvements.		\$ 170,000				\$ 170,000
Ware Park Picnic Pavilion - Picnic pavilion design and construction at Ware Park.			\$ 50,000			\$ 50,000
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.					\$ 351,000	\$ 351,000
Total General Fund CIP Expenditures	\$ 275,000	\$ 2,396,050	\$ 1,150,000	\$ 900,000	\$ 1,251,000	\$ 5,972,050
Total General Fund CIP Ending Balance	\$ 1,102,050	\$ 351,000	\$ 351,000	\$ 351,000	\$ -	

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Five Year Capital Improvement Plan											
Enterprise Fund											
Description	FY 2018	Adopted	FY 2019	Planned	FY 2020	Planned	FY 2021	Planned	FY 2022	Planned	FY 2018 - FY2022 Totals
Beginning Balance	\$	245,977	\$	5,977	\$	5,977	\$	5,977	\$	5,977	
Transfer in from Enterprise Fund	\$	120,000	\$	240,000	\$	935,000	\$	-	\$	5,977	\$ 1,300,977
Total Resources	\$	365,977	\$	245,977	\$	940,977	\$	5,977	\$	11,954	
Renwick Well - 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 an immediate return on investment.	\$	285,000									\$ 285,000
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 an immediate return on investment.			\$	240,000							\$ 240,000
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
Wendell Lift Station - Replace 3 dry pit pumps with dry pit submersible pumps. The existing lift pumps are past their useful life expectancy, have been repaired/rebuilt multiple times, and require multiple staff members to assist with deragging of pumps on a regular basis. The new proposed pumps are more energy efficient and are of a dry pit submersible design, which will allow for the pumps to run in the event that the wet well gets flooded. Also, the new submersible pumps are of a nonclogging design and will reduce/eliminate the need for deragging.	\$	75,000									\$ 75,000
Total Enterprise CIP Expenditures	\$	360,000	\$	240,000	\$	935,000	\$	-	\$	-	\$ 1,535,000
Total Enterprise Fund CIP Ending Balance	\$	5,977	\$	5,977	\$	5,977	\$	5,977	\$	11,954	

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Five Year Capital Improvement Plan						
Bond Fund						
Description	FY 2018 Adopted	FY 2019 Planned	FY 2020 Planned	FY 2021 Planned	FY 2022 Planned	FY 2018 - FY2022 Totals
Bond Proceeds	\$ 12,500,000	\$ 9,000,000	\$ 13,500,000	\$ 21,000,000	\$ 12,900,000	\$ 68,900,000
Total Resources	\$ 12,500,000	\$ 9,000,000	\$ 13,500,000	\$ 21,000,000	\$ 12,900,000	\$ 68,900,000
Bellaire Streets and Drainage Project - Includes street and related drainage infrastructure replacement.	\$ 7,000,000	\$ 6,000,000	\$ 6,000,000	\$ 6,000,000	\$ 8,000,000	\$ 33,000,000
Sidewalks/Community Pathways Project -Design and construction of pedestrian facilities throughout the City.	\$ 1,000,000		\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 4,000,000
Water and Wastewater Line Improvements Project - Water and wastewater line replacement throughout the City. The locations are prioritized from condition assessments and identified operational issues.	\$ 4,500,000	\$ 3,000,000	\$ 3,000,000	\$ 3,000,000	\$ 3,000,000	\$ 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					\$ 900,000	\$ 900,000
Public Works Building - Funding for land acquisition, design, and construction of a new Public Works Building.			\$ 1,000,000	\$ 3,000,000		\$ 4,000,000
Library Building - Design and construction for new Library building and related site improvements.			\$ 500,000	\$ 4,000,000		\$ 4,500,000
Evergreen Park - Per the Evergreen Park Master Plan, this project includes design and construction of the Park. Parks Board requested to move Design from 2021 to 2020 and Construction from 2022 to 2021				\$ 4,000,000		\$ 4,000,000
Other Parks - Additional needs at other parks in the COB system, including restrooms, lighting, parking lots, and various other amenities.			\$ 1,000,000			\$ 1,000,000
Wayfinding and Entryway Markers - Provide physical improvement intended to provide visual definition including signage to the entrance into Bellaire at Bellaire Boulevard and the railroad tracks. Project will be informed by the Brand Identity Project and will continue City-			\$ 1,000,000			\$ 1,000,000
Total Bond Fund CIP Expenditures	\$ 12,500,000	\$ 9,000,000	\$ 13,500,000	\$ 21,000,000	\$ 12,900,000	\$ 68,900,000
Total Bond Fund CIP Ending Balance	\$-	\$-	\$-	\$-	\$-	

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Five Year Capital Improvement Plan

METRO Fund

<i>Description</i>	FY 2018 Adopted	FY 2019 Planned	FY 2020 Planned	FY 2021 Planned	FY 2022 Planned	FY 2018 - FY2022 Totals
Beginning Balance	\$ 308,000	\$ 8,000	\$ 8,000	\$ 8,000	\$ 8,000	\$ 8,000
Current Year Revenues	\$ 1,000,000	\$ 1,020,000	\$ 1,040,400	\$ 1,060,800	\$ 1,082,010	\$ 5,203,210
Total Resources	\$ 1,308,000	\$ 1,028,000	\$ 1,048,400	\$ 1,068,800	\$ 1,090,010	\$ 5,543,210
Pavement Management Program - The City of Bellaire's Pavement Management Program is geared toward improving the overall quality of the roadway systems by repairing pavement failures and distresses.	\$ 1,300,000	\$ 1,020,000	\$ 1,040,400	\$ 1,060,800	\$ 1,082,010	\$ 5,503,210
Total METRO Fund CIP Expenditures	\$ 1,300,000	\$ 1,020,000	\$ 1,040,400	\$ 1,060,800	\$ 1,082,010	\$ 5,503,210
Total METRO Fund CIP Ending Balance	\$ 8,000	\$ 8,000	\$ 8,000	\$ 8,000	\$ 8,000	

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Capital Improvement Plan Unfunded Projects	
Description	Estimated Cost
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
Mulberry Park - Restroom Facility	\$ 200,000
Signature Corner Construction - Conceptual Designs have been provided for the corner of S. Rice Avenue and Jessamine to include the S. Rice Esplanade Jessamine to Bellaire. Construction funding to be identified in the future.	\$ 3,000,000
Zindler Park - Upgrade / Automate Ball Field Lights & Netting	\$ 500,000
Zindler Park - Upgrade / Automate Tennis Court Lighting	\$ 400,000
Mulberry Park - Replace Tennis Fencing, Upgrade / Automate Lighting	\$ 400,000
Zindler Park - Rec. Center Renovation Design - Programming and design of key improvements to the Bellaire Recreation Center Building	\$ 120,000
Zindler Park - Rec Center Renovation Construction	\$ 800,000
Zindler Park - Concession Stand Renovation	\$ 50,000
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	\$ 900,000
Mulberry Park - Replace Tennis Fencing, Upgrade / Automate Lighting	\$ 400,000
Mulberry Park - Upgrade / Automate Ball Field Lighting	\$ 500,000
Mulberry Park - Parking Lot Replacement	\$ 450,000
Vic Driscoll Park - Pathway Lighting	\$ 3,770,000
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 Unfunded	\$ 12,760,000

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