

City of Bellaire

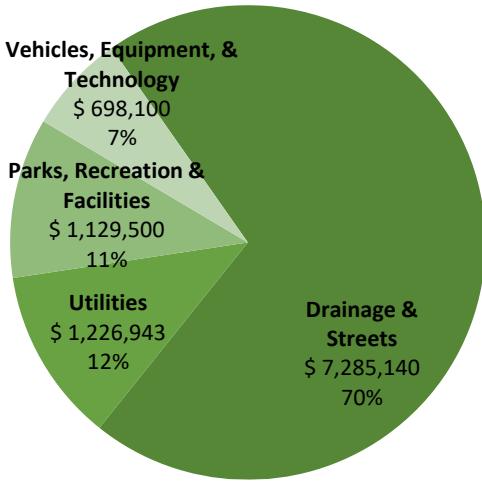
Adopted FY 2023-2027 Capital Improvements Plan

Adopted FY 2023 Capital Budget-in-Brief

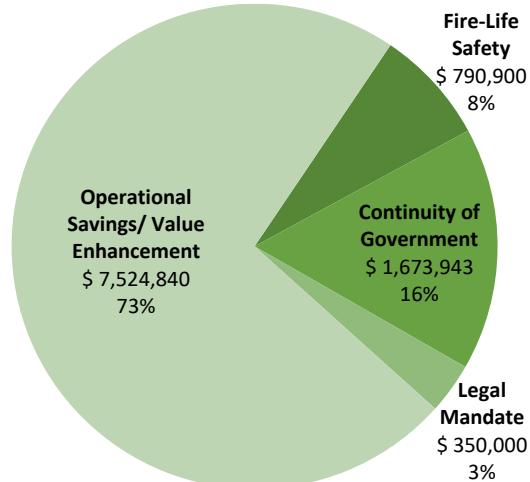
Table 1: FY23 Capital Budget by Investment Area and Funding Source

	Drainage & Streets	Utilities	Parks, Recreation, & Facilities	Vehicles, Equipment, & Technology	FY 2023 Total
General Fund*	\$ 0	\$ 0	\$ 684,000	\$ 691,000	\$ 1,375,000
Enterprise	\$ 0	\$ 459,054	\$ 0	\$ 7,100	\$ 466,154
2016 Bond	\$ 5,755,140	\$ 767,889	\$ 445,500	\$ 0	\$ 6,968,529
Metro Sales Tax	\$ 1,530,000	\$ 0	\$ 0	\$ 0	\$ 1,530,000
FY 2023 Total	\$ 7,285,140	\$ 1,226,943	\$ 1,129,500	\$ 698,100	\$ 10,339,683

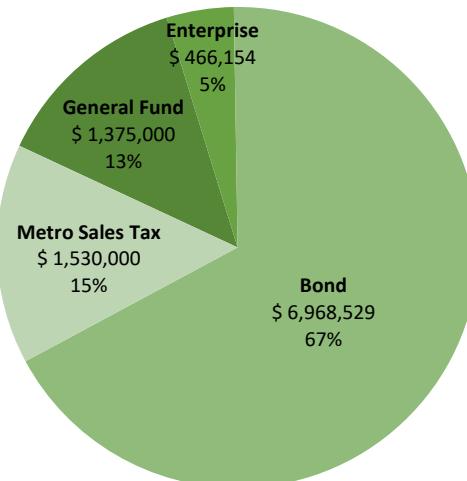
FY 2023 Capital Budget by Investment Area



FY 2023 Capital Budget by Urgency



FY 2023 Capital Budget by Funding Source



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Analysis

Introduction

The Five-Year Capital Improvement Plan (CIP) is a short-range plan which identifies capital projects and equipment purchases, provides a planning schedule, and identifies options for financing the plan. The CIP provides a working blueprint for sustaining and improving the City's infrastructure. It coordinates strategic planning, financial capacity, and physical development. This blueprint provides a link between the City's Comprehensive Plan on how Bellaire should develop, Council's Strategic Focus Areas that guide staff on how to carry out Council's Vision, and the Annual Budget that gives action to Council's direction.

A CIP has two parts – a capital budget and a capital program. The capital budget is the upcoming fiscal year's (FY 2023) spending plan for capital items. The capital program is a plan for capital expenditures that extends four years (FY 2024-FY2027) beyond the capital budget. Only projects for FY 2023 are being considered for part of the adopted budget. Future year funding outlined in the CIP is simply a guideline for planning and it is reviewed and modified annually. Please note that project costs in the future years of the CIP have not been adjusted for inflation.

Project Funding – Expenditures

Below is a breakdown of the adopted five-year CIP by funding source. This section will examine each source that funds the capital program and examine significant projects in that category.

Table 2: CIP by Funding Source

	FY 2023: 10/01/2022 – 9/30/2023	FY 2024: 10/01/2023 – 9/30/2024	FY 2025: 10/01/2024 – 9/30/2025	FY 2026: 10/01/2025 – 9/30/2026	FY 2027: 10/01/2026 – 9/30/2027	Five-Year Total
General Fund	\$ 1,375,000	\$ 1,945,236	\$ 9,339,200	\$ 14,010,000	\$ 1,701,800	\$ 28,371,236
Enterprise Fund	\$ 466,154	\$ 1,883,284	\$ 2,036,600	\$ 1,736,800	\$ 1,451,100	\$ 7,573,938
Bond	\$ 6,968,529	\$ 6,607,000	\$ 0	\$ 0	\$ 0	\$ 13,575,529
METRO	\$ 1,530,000	\$ 1,494,300	\$ 1,508,743	\$ 1,523,330	\$ 1,538,064	\$ 7,594,437
Total	\$ 10,339,683	\$ 11,929,820	\$ 12,884,543	\$ 17,270,130	\$ 4,690,964	\$ 57,115,140

Thirteen percent (\$1.3M) of the FY 2023 project funding would come from the General Fund, which is usually a mix of property taxes and fee revenues. The largest FY 2023 General Fund expenditure is \$463k for VE2301-General Fund Vehicle Acquisitions to purchase six police vehicles. Four of the six vehicles are to replace leases that are not being renewed; please note that VE2203-General Fund Lease Program has been reduced to reflect fewer vehicles being leased. Another significant General Fund investment in FY 2023 is \$300k to construct a new animal shelter.

Please also note the significant increases in the General Fund portion of the CIP in FY 2025 and FY 2026; these out-year allocations are just a plan and not yet approved or budgeted. The larger out-year expenditures are associated with PA2304-Evergreen Park Improvements (\$4.9M in FY 2025) and PAXXX-Bellaire Municipal Library (\$11.0M in FY 2026). These two projects have large construction components with rough estimates on construction costs. These projects would first need to be designed and approved

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by Council. Council would also need to decide how to fund such projects as the General Fund is unlikely to actually be able to fund these large construction projects.

Five percent (\$0.4M) of the FY 2023 project funding will come from the Enterprise Fund, which is supported by fees from the water/wastewater utility and solid waste services. The majority of this funding is for The Annual Utility Infrastructure Management Program; \$150k for WA2301 (water lines) and \$150k for WW2301 (wastewater lines). This program funds heavy maintenance related to the City's water and wastewater underground infrastructure. Another significant investment from the Enterprise Fund is \$159k for WW2203-Wastewater Treatment Plant Fine Screen Replacement; please note that funding for this project is split between the Enterprise Fund and the water/wastewater portion of 2016 Bond funding. The out-years of the CIP call for a significant jump in Enterprise Fund capital expenditures. This is related to \$577k for VE2405-Enterprise Fund Vehicle Acquisitions to replace a garbage truck and specialized equipment like vacuum and jet pumper trucks. The FY 2024 increase is also associated with \$220k for WW2302-Wastewater Treatment Plant Capital Maintenance. This project is to address deferred capital maintenance at the wastewater treatment plant (FY 2023 funding coming from Bond proceeds, described below).

The majority of the CIP, sixty-seven percent (\$6.9M), comes from Bond proceeds. In 2016, voters approved a \$53.98M bond for projects improving streets & drainage, municipal buildings, and water/wastewater improvements, collectively known as the 2016 Bonds for Better Bellaire Program. There are ten ongoing Bond projects, half of which are already fully funded. Nine projects are scheduled to receive new Bond funding allocations in FY 2023, the largest being \$5.7M to make regional drainage improvements (DR2202). Bond funding is also being used to make a significant investment in repairs and modernization of the Public Works Campus (PA2306, \$402k) and the Wastewater Treatment Plant (WW2302, \$286k). The majority of the remaining FY 2023 Bond-funded budget allocations would be for improvements to underground utility infrastructure: \$285k for WW2202-Wastewater Collection System Improvements and \$248k for WA2203- Water Distribution System Valve Improvements. Of the nine Bond-funded projects in FY 2023, two would shift to the Enterprise Fund in FY 2024: WW2302- Wastewater Treatment Plant Capital Maintenance and WW2303-Citywide Lift Station Rehab. This is because the Water/Wastewater portion of the 2016 Bond would have been spent and the remaining Bond proceeds would be restricted for Drainage and Streets.

Fifteen percent (\$1.5M) of the FY 2023 capital budget comes from METRO, which collects sales tax revenue and shares a portion of that revenue with Bellaire to maintain the streets that METRO buses use. This funding can only be used for transportation improvements. For FY 2023 METRO will fund two recurring capital maintenance programs; ST2301-Pavement Management Program (\$1.4M) and TR2301-Traffic Signal Management Program (\$50k). Also budgeted in FY 2023 is \$50,000 for a one-time study to evaluate if the City's posted speed limits need to be updated.

Staff is also working to secure grants to further support the CIP. Two ongoing projects have grant funding, and there are an additional five projects contingent on pending grant award. Appendix A notes all pending unsecured grants and the anticipated year funding would be secured. Table 3 below shows the three projects staff anticipates grant funding being secured in FY 2023, based on communication with the grant agencies that suggest that the funding award would be made in the next twelve months (but it is not guaranteed at this time). Work on these projects would not progress until the grant funding is secured by

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being accepted by Council. As part of Council accepting the grant, it would also approve a budget adjustment to allocate funding for the project.

Table 3: FY 2023 Projects Contingent on Unsecured Grants

Project ID - Name	Project Description	Anticipated FY 2023 Funding
PA2304 - Evergreen Park Improvements	Donation from Patrons for Bellaire Parks to build an inclusive and accessible playground. An additional \$600k is pending in a federal appropriation bill.	\$ 160,000
TR2202 - Traffic Signalization and Mobility Improvements	\$693,394 from the Houston-Galveston Area Council (HGAC), via Federal Highway Administration funding, to build a traffic management system. HGAC staff have sent a draft grant agreement letter to the City.	\$ 693,394
WA2205 - Priority Water Line Improvements	Two grants for waterline replacements. \$782k was secured in the FY23 Federal Appropriation Act and is pending disbursement from the EPA. Another \$2.4M is pending in the federal appropriation process.	\$ 782,000
Total		\$ 1,635,394

Project Funding - Resources

Capital projects are budgeted out of five funds, noted below. These funds are distinct because they are restricted to certain types of projects.

- Fund 600 - the Vehicle, Equipment, and Technology Fund, which accounts for significant vehicle, equipment, and technology purchases. This fund is supported by transfers from the General Fund* and Enterprise Fund.
- Fund 610 - the Capital Improvement Fund, which accounts for those projects funded by the operating funds (specifically transfers from the General Fund* and Enterprise Fund).
- Fund 620 - the Capital Bond Fund, which includes those projects funded by the 2016 Bonds for Better Bellaire Program (Bond) bond proceeds and related interest earnings. There are three portions to the Bond program (Drainage & Streets, Municipal Facilities, and Water/Wastewater) and funding is restricted to projects that meet the criteria laid out in the Bond referendum language. For instance, playground improvements were not in the Bond language, so Bond funds could not go towards a playground improvement capital project.
- Fund 630 - the METRO Fund, which includes those projects funded by METRO Mobility funds. METRO has an agreement with Bellaire to share a portion of the sales tax revenue METRO collects in the City, which is to be used for transportation improvements.
- Fund 640 - the Capital Grant Fund, which accounts for those projects funded by grants.

**Unique to FY 2023, the General Fund transfer will include \$4.0M in federal funds from the American Rescue Plan Act (ARPA). \$1.0M will go to Fund 600 and \$3.0M will go to Fund 610; the \$3.0M is to be allocated to future flood mitigation projects.*

Table 4 below provides a breakdown of the funding estimated to be available to allocate to capital projects in FY 2023, by fund and funding source. These estimated capital resources are the sum of the unallocated fund balance, plus new revenue and transfers, plus unspent project budgets being freed up when the project is complete (Appendix D has a summary of projects to be closed). Table 4 also breaks down the

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adopted FY 2023 Capital Budget by how the projects would be funded and compares this against the estimated available capital resources. The good news from Table 4 is that Bellaire can afford the adopted FY 2023 Capital Budget, while still having healthy fund balances to mitigate unanticipated expenditures or revenue shortfalls.

Table 4: Estimated FY 2023 Capital Resources vs. Adopted Capital Budget

Funding Source	Fund	Estimated FY 2023 Capital Resources	Adopted FY 2023 Capital Budget	Remaining Unallocated Fund Balance
General Fund	600	\$ 1,113,482	\$ 691,000	\$ 422,482
Enterprise	600	\$ 746,549	\$ 7,100	\$ 739,449
	600 Total	\$ 1,860,031	\$ 698,100	\$ 1,161,931
General Fund	610	\$ 4,018,379	\$ 684,000	\$ 3,334,379*
Enterprise	610	\$ 863,098	\$ 459,054	\$ 404,044
	610 Total	\$4,881,477	\$1,143,054	\$3,738,423
Bond - Drainage & Streets	620	\$ 5,755,140	\$ 5,755,140	\$ 0
Bond - Water/Wastewater	620	\$ 1,270,389	\$ 1,170,389	\$ 100,000
Bond - Municipal Facilities	620	\$ 108,841	\$ 43,000	\$ 65,841
	620 Total	\$7,134,370	\$6,968,529	\$165,841
METRO	630	\$ 2,502,973	\$ 1,530,000	\$ 972,973
	630 Total	\$ 2,502,973	\$ 1,530,000	\$ 972,973
Secured Grants	640	N/A	\$ 0	N/A
Unsecured Grants	640	N/A	\$ 1,635,394	To be appropriated when grant secured
	640 Total	N/A	\$ 1,635,394	N/A
	Total	\$16,378,851	\$10,339,683	

* Includes \$3M to be allocated for flood mitigation projects in the future.

Urgency

Prioritization of projects is at the Council's discretion. To aid Council in determining project prioritization, staff has evaluated each project from the lens of how delaying a project might impact Bellaire's operational readiness. Each project falls into one of four urgency categories, ranging from Fire/Life Safety projects that have the most urgency to be funded, to Operational Savings/Value Enhancement projects that support Council's priorities, but can be delayed with minimal impact to Bellaire's operations. Please see Appendix B for more detail on these urgency categories. Table 5 below provides a breakdown of the CIP by the four urgency categories.

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Table 5: CIP by Urgency Categories

	FY 2023: 10/01/2022 – 9/30/2023	FY 2024: 10/01/2023 – 9/30/2024	FY 2025: 10/01/2024 – 9/30/2025	FY 2026: 10/01/2025 – 9/30/2026	FY 2027: 10/01/2026 – 9/30/2027	Five-Year Total
Fire-Life Safety	\$ 790,900	\$ 736,200	\$ 459,700	\$ 613,900	\$ 222,100	\$ 2,822,800
Continuity of Government	\$ 1,673,943	\$ 1,409,020	\$ 1,853,100	\$ 1,610,300	\$ 1,711,100	\$ 8,257,463
Legal Mandate	\$ 350,000	\$ 325,000	\$ 60,000	\$ 700,000	\$ 0	\$ 1,435,000
Operational Savings/ Value Enhancement	\$ 7,524,840	\$ 9,459,600	\$ 10,511,743	\$ 14,345,930	\$ 2,757,764	\$ 44,599,877
Total	\$ 10,339,683	\$ 11,929,820	\$ 12,884,543	\$ 17,270,130	\$ 4,690,964	\$ 57,115,140

Fire-Life Safety projects are those that support public safety and minimize danger to life. In FY 2023, this includes projects to replace aging Police patrol vehicles (\$463k), fire hydrant rehabilitation (\$100k) and traffic signal management (\$50k). Continuity of Government projects are those that address issues that would restrict normal government operations. This includes urgent repairs to the Wastewater Treatment Plant (\$286k) and Public Works Facility (\$547k) from years of deferred maintenance. Legal Mandate projects are those that are related to fulfilling a legal obligation, such as facility modifications to meet Americans with Disabilities Act requirements. This includes the Animal Shelter project (PA2308, \$300k); the existing animal shelter is currently operating under a temporary exemption, as it does not meet permit requirements). Operational Savings/ Value Enhancement projects are those that support Council's priorities but can be delayed with minimal impact to Bellaire's operations. This includes DR2202-Regional Drainage Program (\$5.7M); the project is waiting on partnership from other governments that own the drainage infrastructure Bellaire relies on.

The vast majority of projects fall into the less urgent Operational Savings/ Value Enhancement category, giving Council quite a bit of room if it had needed to postpone funding projects due to lack of resources. Thankfully, there is no need to delay any projects, as there are sufficient resources to fund the adopted FY 2023 Capital Budget, as shown in Table 4 above. If projects did need to be postponed due to a lack of resources, Table 6 (below) has been prepared to help Council understand the adopted resource allocation by funding source and urgency category. This is important because certain funding sources are restricted in what they can be used for. As an example, Council might have considered delaying ST2301-Pavement Management Program to free up \$1.5M, but the project is funded by METRO so those funds could only be used on another transportation project.

Table 6: FY 2023 Capital Budget by Urgency Categories and Funding Source

	Fire-Life Safety	Continuity of Government	Legal Mandate	Operational Savings/ Value Enhancement	Total
General Fund	\$ 640,900	\$ 144,500	\$ 350,000	\$ 239,600	\$ 1,375,000
Enterprise	\$ 0	\$ 459,054	\$ 0	\$ 7,100	\$ 466,154
Bond	\$ 100,000	\$ 1,070,389	\$ 0	\$ 5,798,140	\$ 6,968,529
METRO	\$ 50,000	\$ 0	\$ 0	\$ 1,480,000	\$ 1,530,000
Total	\$ 790,900	\$ 1,673,943	\$ 350,000	\$ 7,524,840	\$ 10,339,683

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Overview by Investment Area

Below is a breakdown of the adopted five-year CIP by investment area.

Table 7: CIP by Investment Area

	FY 2023: 10/01/2022 – 9/30/2023	FY 2024: 10/01/2023 – 9/30/2024	FY 2025: 10/01/2024 – 9/30/2025	FY 2026: 10/01/2025 – 9/30/2026	FY 2027: 10/01/2026 – 9/30/2027	Five-Year Total
Drainage & Streets	\$ 7,285,140	\$ 7,494,300	\$ 4,508,743	\$ 1,523,330	\$ 1,538,064	\$ 22,349,577
Utilities	\$ 1,226,943	\$ 1,909,284	\$ 1,290,000	\$ 1,275,000	\$ 1,110,000	\$ 6,811,227
Parks, Recreation, & Facilities	\$ 1,129,500	\$ 1,084,836	\$ 5,830,000	\$ 13,170,000	\$ 1,260,000	\$ 22,474,336
Vehicles, Equipment, & Technology	\$ 698,100	\$ 1,441,400	\$ 1,255,800	\$ 1,301,800	\$ 782,900	\$ 5,480,000
Total	\$ 10,339,683	\$ 11,929,820	\$ 12,884,543	\$ 17,270,130	\$ 4,690,964	\$ 57,115,140

The largest portion of the FY 2023 Capital Budget, seventy percent, is associated with Drainage & Streets projects. This includes \$5.7M for DR2202-Regional Drainage Program, \$1.4M for ST2301-Pavement Management Program, and \$693k for TR2202-Traffic Signalization and Mobility Improvements. Twelve percent of the FY 2023 Capital Budget is associated with seven projects to improve the City's water/wastewater utility infrastructure. Of those Utility projects, four (\$648k) are to improve underground water/wastewater lines and the other three projects (\$578k) are for above-ground facilities (i.e., wells, lift stations, and the treatment plant). Eleven percent of the FY 2023 Capital Budget is for six Parks, Recreation & Facilities projects. \$547k is to address deteriorating facilities at the Public Works campus (PA2306) and \$300k is for a new animal shelter (PA2308). The last seven percent of the FY 2023 Capital Budget is for four projects to procure equipment and technology. The biggest portion of this is \$463k for VE2301-General Fund Vehicle Acquisitions (six police vehicles).

Operating Budget Impacts

Capital projects can impact ongoing operating costs. For example, adding permanent restroom facility to a park will increase maintenance, janitorial, and supplies, costs. Staff has analyzed each capital project and considered the impacts to the operating budget when those projects are completed, as noted on each project sheet. These operating budget impacts from capital projects will be considered each year when preparing the General Fund and Enterprise Fund operating budgets.

Recap of Ongoing and Completed Projects

There are twenty projects initiated in FY 2022 or earlier that will continue into FY 2023. Below is a summary of the CIP project budgets by fund that will continue into FY 2023. A detailed list is available in Appendix C.

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Table 8: Summary of Ongoing CIP Projects by Fund

	FY 2022 Budget	FY 2022 Expenditures ¹	FY 2022 Carry Forward Estimate ²
VET Fund (600) - General Fund	\$ 1,599,065	\$ 813,592	\$ 785,473
VET Fund (600) – Enterprise Fund	\$ 0	\$ 0	\$ 0
CIP Fund (610) - General Fund	\$ 150,000	\$ 0	\$ 150,000
CIP Fund (610) - Enterprise Fund	\$ 775,391	\$ 43,980	\$ 731,411
Bond Fund (620)	\$ 6,311,871	\$ 14,403	\$ 6,297,468
Metro Fund (630)	\$ 1,070,000	\$ 28,631	\$ 1,041,369
Grant Fund (640)	\$ 4,275,920	\$ 0	\$ 4,275,920
Total	\$ 14,182,247	\$ 900,605	\$ 13,281,642

1.) FY 2022 Expenditures are year-to-date expenses as of May 01, 2022. May also include anticipated expenditures, such as scheduled lease payments.

2.) Carry Forward Estimate based on the FY 2022 Budget, less FY 2022 Expenditures. Actual carry forward to be determined at year end.

The primary cause for delay for the six vehicle and technology projects in Fund 600 is associated with supply chain issues that have wracked the economy the past year. For example, vehicles averaged about ten months between being ordered and being delivered. Additionally, there were some delays in ordering vehicles because vehicle quotes would rapidly expire, and staff would have to go back to Council to request additional budget authorization to purchase the vehicle.

The largest discrepancy in budget vs funds expended/encumbered is associated with Bond projects. The cause for delay is due to critical staff vacancies at Public Works delaying project progress. For example, ST2203-BBB 2016 Group C Phase 3-2017 CDBG (\$4M for Cedar, Chelsea, Larch, and Mimosa Streets Reconstruction) and WA2206-Distribtuion Systems Improvement/BBB16 (\$3.5M for waterline replacement package) did not award construction contracts until February/March 2022, with work beginning Summer 2022.

In the Metro Sales Tax fund (630), ST2201-Pavement Management Program (\$1.0M) is programmed to repave a portion of South Rice Avenue, but the project is on hold as it would disrupt the Bellaire High School construction project.

All existing capital improvement projects were reviewed to identify projects which have been completed but have appropriated funds remaining and to identify projects that we no longer anticipate completing. This effort allowed us to identify previously appropriated amounts that could be re-appropriated in the CIP. Twenty-one projects were substantially completed in FY 2022; substantially completed means work should be completed in the current fiscal year, but the encumbered project budget may carry forward into FY 2023 due to a delay in getting invoices from vendors before the end of FY 2022. The analysis assumes that all encumbered funds (i.e., open purchase orders) will be spent. Below is a summary of the CIP project budgets by fund that were substantially completed in FY 2022. A detailed list is available in Appendix D.

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Table 9: Summary of Substantially Completed CIP Projects by Fund

	FY 2022 Budget	FY 2022 Year to Date Expenditures*	Total Encumbered/ Projected Spend	Remaining Budget to be Reallocated
VET Fund (600) - General Fund	\$ 238,950	\$ 66,437	\$ 171,981	\$ 532
VET Fund (600) – Enterprise Fund	\$ 10,000	\$ 0	\$ 10,000	\$ 0
CIP Fund (610) - General Fund	\$ 256,036	\$ 21,715	\$ 214,424	\$ 19,897
CIP Fund (610) - Enterprise Fund	\$ 550,976	\$ 500,976	\$ 50,000	\$ 0
Bond Fund (620)	\$ 712,048	\$ 64,278	\$ 329,006	\$ 318,765
Metro Fund (630)	\$ 2,079,727	\$ 439,318	\$ 844,980	\$ 795,429
Grant Fund (640)	\$ 289,533	\$ 151,466	\$ 138,067	\$ 0
Total	\$ 4,137,270	\$ 1,244,190	\$ 1,758,457	\$ 1,134,623

* Year-to-date expenditures as of May 01, 2022. May also include anticipated expenditures, such as scheduled lease payments.

The unspent budget to be reallocated in Fund 620 is associated with ST2202-BBB 2016 Group C Phase 3-2015 CDBG (Cynthia Street Reconstruction). The project is substantially completed and approximately \$287,457 is unencumbered and can be reallocated towards other Streets & Drainage projects. The unspent budget to be reallocated in Fund 630 is associated with \$795,000 for TR2102-ITS/Traffic Management System. This project is the same as TR2202- Traffic Signalization and Mobility Improvements. TR2102 is no longer needed as grant funding for part of the project is anticipated and local match for the grant has already been budgeted for in TR2202.

Comparison to FY 2022 CIP

As referenced in the Transmittal Memo, this section will compare the FY 2023 budget reflected in the FY 2022-2026 (Previous Year) CIP compared to the FY 2023-2027 (Adopted) CIP. Table 10 below provides a breakdown of the differing FY 2023 budgets by funding source. The largest outlier will have to do with a policy change in how grants are accounted for in the CIP. Based on direction from the previous Interim City Manager, the Previous Year's CIP budgeted funds that had not actually been secured and the City had no idea when or if it would actually receive the money. The Adopted CIP has identified if grant funding is secured (Bellaire has a legal agreement in place) vs. unsecured. Additionally, unsecured grants are those that have actual pending grant applications. If unsecured grants are budgeted for FY 2023, it means that staff has written communication that Bellaire will receive the funding and is working with the grant agency to secure the funds.

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Table 10: Comparison of Planned and Adopted FY 2023 Capital Budget

	FY 2023 Budget (Previous CIP: FY22-FY26)	FY 2023 Budget (Adopted CIP: FY23-FY27)	Difference
General Fund (Funds 600 and 610)	\$ 1,204,500	\$ 1,375,000	\$ 170,500
Enterprise (Funds 600 and 610)	\$ 316,800	\$ 466,154	\$ 149,354
Capital Bonds¹ (Fund 620)	\$ 6,233,000	\$ 6,968,529	\$ 735,529
METRO (Fund 630)²	\$ 1,112,100	\$ 1,530,000	\$ 417,900
Secured Grants (Previously Grants)¹ (Fund 640)	\$ 2,500,000	\$ 0	(\$2,500,000)
Unsecured Grants (Previously Interlocal Cooperation)¹ (Fund 640)	\$ 11,000,000	\$ 0 ³	(\$ 11,000,000)
Total	\$ 22,366,400	\$ 10,339,683	(\$12,026,717)

- 1.) Difference associated with DR2202, explained in paragraph below.
- 2.) Increase associated with increase in projected sales tax revenue, meaning more METRO funding.
- 3.) Grants will no longer be budgeted until they are secured. If a grant is accepted by Council during the year, there will be a mid-year adjustment to budget for the grant.

The increase in General Fund expenses is associated with five new projects not programmed in the FY 2022-2026 CIP. Two of the new projects are to help the City address a Legal Mandate issue, such as a new Animal Shelter (PA2308, \$300k) and Safe and Accessible Parks Improvements (PA2305, \$50k). One of the projects address a Continuity of Government issue; repairs to the Public Works Facility (PA2306, \$144,500). Additionally, the \$189.5k for PA2304-Evergreen Park Improvements is coming from a restricted account in the General Fund that can only be used for park improvements (see PA2304 project sheet for more details).

The increase in Enterprise and Capital Bonds expenditures is primarily associated with new projects to address deferred maintenance to the City's water and wastewater utility infrastructure. \$564k is being invested in FY 2023 to improve the City's wastewater treatment plant (WW2203 and WW2302)

The biggest difference between the Adopted CIP and the Previous Year CIP is associated with DR2202-Regional Drainage Project; Table 11 provides a comparison. In the Previous Year's CIP, there was \$19.0M programmed for FY 2023. Of that amount, \$13.5M is from 'Grants and Interlocal Cooperation' that

has not been secured. The City has no grant applications or interlocal agreements in place to secure the \$13.5M contemplated in the Previous Year's CIP, so that amount has not been budgeted. An additional \$5.5M was supposed to be budgeted from Capital Bonds. Instead, the full amount of available Bond funding for Streets & Drainage has been budgeted. Please note there is \$6.0M remaining in Streets & Drainage Bond authority that can be budgeted in FY 2024 if bonds are sold. There is also \$3.0M in Fund 610 fund balance (transferred from the General Fund and associated with ARPA federal funding) that is

Table 11: DR2202 FY 2023 Budget Comparison

DR2202 Funding	FY 2022-2026 (Previous CIP)	FY 2023-2027 (Adopted CIP)
Capital Bonds	\$ 5,500,000	\$ 5,755,140
Grant Funds	\$ 2,500,000	\$ 0
Interlocal Cooperation	\$ 11,000,000	\$ 0
Total	\$ 19,000,000	\$ 5,755,140

City of Bellaire

Adopted FY 2023-2027 Capital Improvements Plan

currently set aside for future flood mitigation projects (such as DR2202). This is a potential \$15.3M in funding for DR2202 over the next five years.

Appendix

- A.) **Summary of Projects by Urgency**
- B.) **Rubric for Urgency Categories**
- C.) **Summary of Ongoing Projects**
- D.) **Summary of Projects to be Closed**
- E.) **Frequently Asked Questions**
- F.) **Project Sheets**
 - 1. **Readers Guide**
 - 2. **Drainage & Streets**
 - 3. **Parks, Recreation, & Facilities**
 - 4. **Utilities**
 - 5. **Vehicles, Equipment, & Technology**
- G.) **Parks and Recreation Advisory Board Recommendation**
- H.) **Planning and Zoning Commission Report and Recommendation**

City of Bellaire, TX FY 2023 - FY 2027 Adopted CIP: Summary of Projects Ranked by Urgency

Project ID ^A	Project Name	Urgency Ranking ^B	FY 2022 Expenditures	FY 2022 Carry Forward Estimate ^C	FY 2023 10/01/2022 – 9/30/2023	FY 2024 10/01/2023 – 9/30/2024	FY 2025 10/01/2024 – 9/30/2025	FY 2026 10/01/2025 – 9/30/2026	FY 2027 10/01/2026 – 9/30/2027	Total Project Budget
TR2301	Traffic Signal Management Program	1	\$ 0	\$ 0	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 250,000
WA2202	Fire Hydrant Rehabilitation and Replacement	1	\$ 0	\$ 100,000	\$ 100,000	\$ 100,000	\$ 0	\$ 0	\$ 0	\$ 300,000
VE2202	General Fund Vehicle Acquisitions	1 ^D	\$ 593,034	\$ 184,957	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 777,991
VE2203	General Fund Lease Program	1 ^D	\$ 206,870	\$ 0	\$ 190,700	\$ 95,900	\$ 78,900	\$ 77,700	\$ 77,700	\$ 727,770
VE2204	General Fund Misc. Equipment	1 ^D	\$ 1,000	\$ 49,000	\$ 37,500	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 127,500
VE2301	General Fund Vehicle Acquisitions	1	\$ 0	\$ 0	\$ 462,800	\$ 754,500	\$ 420,300	\$ 752,300	\$ 354,100	\$ 2,744,000
PA2306	Public Works Facility Repairs and Modernization	2	\$ 0	\$ 0	\$ 547,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 547,000
PAXXXX	City Hall/ EOC Generator	2 ^E	\$ 0	\$ 0	\$ 0	\$ 159,836	\$ 0	\$ 0	\$ 0	\$ 159,836
TE2203	Incode Financial Update	2	\$ 6,575	\$ 93,425	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 100,000
WA2101	Citywide Well Rehab	2	\$ 35,211	\$ 404,716	\$ 0	\$ 0	\$ 700,000	\$ 700,000	\$ 700,000	\$ 2,539,927
WA2203	Water Distribution System Valve Improvements	2	\$ 0	\$ 195,000	\$ 248,000	\$ 232,000	\$ 0	\$ 0	\$ 0	\$ 675,000
WA2207	Feld Park Well Generator	2	\$ 0	\$ 240,291	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 240,291
WA2301	Annual Utility Infrastructure Management Program (water)	2	\$ 0	\$ 0	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 750,000
WAXXXX	Renwick Well Generator	2	\$ 0	\$ 0	\$ 0	\$ 164,284	\$ 0	\$ 0	\$ 0	\$ 164,284
WW2203	Wastewater Treatment Plant Fine Screen Replacement	2	\$ 0	\$ 95,000	\$ 277,943	\$ 0	\$ 0	\$ 0	\$ 0	\$ 372,943
WW2301	Annual Utility Infrastructure Management Program (wastewater)	2	\$ 0	\$ 0	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 750,000
WW2302	Wastewater Treatment Plant Capital Maintenance	2	\$ 0	\$ 0	\$ 286,000	\$ 220,000	\$ 275,000	\$ 275,000	\$ 110,000	\$ 1,166,000
WW2303	Citywide Lift Station Rehab	2	\$ 0	\$ 0	\$ 15,000	\$ 18,000	\$ 15,000	\$ 0	\$ 0	\$ 48,000
VE2205	Enterprise Fund Vehicle Acquisitions	2 ^D	\$ 0	\$ 458,091	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 458,091
VE2405	Enterprise Fund Vehicle Acquisitions	2 ^D	\$ 0	\$ 0	\$ 0	\$ 577,400	\$ 746,600	\$ 461,800	\$ 341,100	\$ 2,126,900
PA2305	Safe and Accessible Parks Improvements	3	\$ 0	\$ 0	\$ 50,000	\$ 325,000	\$ 0	\$ 0	\$ 0	\$ 375,000
PA2308	Animal Shelter Replacement	3	\$ 0	\$ 0	\$ 300,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 300,000
PAXXXX	Bellaire Little League Concession Stand	3	\$ 0	\$ 0	\$ 0	\$ 0	\$ 60,000	\$ 700,000	\$ 0	\$ 760,000
DR2202	Regional Drainage Program	4	\$ 523	\$ 627,000	\$ 5,755,140	\$ 6,000,000	\$ 3,000,000	\$ 0	\$ 0	\$ 15,382,663
N/A	CITY WIDE SCADA SYSTEM	4	\$ 8,769	\$ 266,622	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 275,391
PA2201	Park Amenities Management Program	4	\$ 0	\$ 150,000	\$ 0	\$ 0	\$ 0	\$ 100,000	\$ 0	\$ 250,000
ST2201	Pavement Management Program	4	\$ 28,631	\$ 1,041,369	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 1,070,000
ST2203	BBB 2016 Group C Phase 3-2017 CDBG	4	\$ 9,868	\$ 4,718,682	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 4,728,550

City of Bellaire, TX FY 2023 - FY 2027 Adopted CIP: Summary of Projects Ranked by Urgency

Project ID ^A	Project Name	Urgency Ranking ^B	FY 2022 Expenditures	FY 2022 Carry Forward Estimate ^C	FY 2023 10/01/2022 – 9/30/2023	FY 2024 10/01/2023 – 9/30/2024	FY 2025 10/01/2024 – 9/30/2025	FY 2026 10/01/2025 – 9/30/2026	FY 2027 10/01/2026 – 9/30/2027	Total Project Budget
TR2202	Traffic Signalization and Mobility	4 ^E	\$ 0	\$ 487,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 487,000
VE2206	Enterprise Fund Lease Program	4	\$ 6,113	\$ 0	\$ 7,100	\$ 3,600	\$ 0	\$ 0	\$ 0	\$ 16,813
WA2204	Update to 2015 Utility Infrastructure Report	4	\$ 0	\$ 100,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 100,000
WA2205	Priority Water Line Improvements	4 ^E	\$ 0	\$ 218,000	\$ 0	\$ 600,000	\$ 0	\$ 0	\$ 0	\$ 818,000
WA2206	Distribution Systems Improvements / BBB16	4	\$ 3,780	\$ 3,496,221	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 3,500,000
WW2202	Wastewater Collection System Improvements	4	\$ 232	\$ 356,268	\$ 0	\$ 275,000	\$ 0	\$ 0	\$ 0	\$ 631,500
PA2304	Evergreen Park Improvements	4.5 ^E	\$ 0	\$ 0	\$ 189,500	\$ 200,000	\$ 4,900,000	\$ 0	\$ 0	\$ 5,289,500
PA2309	Library Shed Replacement	4.5	\$ 0	\$ 0	\$ 20,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 20,000
PA2310	Utility Billing Storage	4.5	\$ 0	\$ 0	\$ 23,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 23,000
ST2301	Pavement Management Program	4.5	\$ 0	\$ 0	\$ 1,430,000	\$ 1,444,300	\$ 1,458,743	\$ 1,473,330	\$ 1,488,064	\$ 7,294,437
ST2302	Citywide Speed Study	4.5	\$ 0	\$ 0	\$ 50,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 50,000
PAXXXX	Bellaire Entry Signs Improvements	5	\$ 0	\$ 0	\$ 0	\$ 50,000	\$ 300,000	\$ 0	\$ 0	\$ 350,000
PAXXXX	Bellaire Municipal Library	5	\$ 0	\$ 0	\$ 0	\$ 250,000	\$ 0	\$ 11,000,000	\$ 0	\$ 11,250,000
PAXXXX	Citywide Tennis Court Lighting Improvements	5	\$ 0	\$ 0	\$ 0	\$ 0	\$ 120,000	\$ 0	\$ 0	\$ 120,000
PAXXXX	Feld Park Improvements	5	\$ 0	\$ 0	\$ 0	\$ 0	\$ 50,000	\$ 100,000	\$ 1,000,000	\$ 1,150,000
PAXXXX	Fire Station Chiller	5	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 260,000	\$ 260,000
PAXXXX	Holly Street Esplanade	5	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 150,000	\$ 0	\$ 150,000
PAXXXX	Loftin Park Improvements	5	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 120,000	\$ 0	\$ 120,000
PAXXXX	Mulberry Park Parking Lot	5	\$ 0	\$ 0	\$ 0	\$ 50,000	\$ 200,000	\$ 0	\$ 0	\$ 250,000
PAXXXX	Recreation Center Renovation	5	\$ 0	\$ 0	\$ 0	\$ 50,000	\$ 200,000	\$ 1,000,000	\$ 0	\$ 1,250,000
Total			\$ 900,605	\$ 13,281,642	\$ 10,339,683	\$ 11,929,820	\$ 12,884,543	\$ 17,270,130	\$ 4,690,964	\$ 71,297,387

A.) The first two letters of the Project ID denote the type of project: DR for Drainage, PA for Parks and Facilities, ST for Street, TE for Technology, TR for Traffic, VE for Vehicle & Equipment, WA for Water, and WW for Wastewater. The first two numbers (after the letters) indicate the fiscal year the project started. N/A indicates projects in progress before FY 2022 when Project IDs were first assigned. Project IDs with an XXXX will receive a proper project ID when funds are budgeted.

B.) Prioritization of projects is at the Council's discretion. This ranking is an evaluation of the urgency of a project, with 1 being the most important to fund. Rank 1 are things tied to fire-life safety. Rank 2 are tied to continuity of government (i.e. making sure critical infrastructure doesn't fail). Rank 3 are tied to legal mandates (i.e. ADA compliance). Rank 4 are Operational Savings/ Value Enhancement (nice to have, but ok to push); 4.5 if no existing budget allocated yet. Rank 5 are future projects with no FY23 budget planned.

C.) Carry Forward Estimate based on the FY22 Budget, less year-to-date expenses as of May 01, 2022.

D.) These vehicle replacement projects have some higher priorities (Rank 1 for Police patrol vehicles in the General Fund and Rank 2 for a garbage truck in the Enterprise Fund) mixed with Rank 4 (vehicles that meet the City's replacement criteria, but can be delayed a year if needed). For VE2204, the radio replacement is Rank 1, while the roller is Rank 4.

E.) These projects are associated with grants that have not been secured. This represents the local match for the grant.

City of Bellaire, TX FY 2023 - FY 2027 Adopted CIP: Summary of Projects Ranked by Urgency

Project ID ^A	Project Name	Urgency Ranking ^B	FY 2022 Expenditures	FY 2022 Carry Forward Estimate ^C	FY 2023 10/01/2022 – 9/30/2023	FY 2024 10/01/2023 – 9/30/2024	FY 2025 10/01/2024 – 9/30/2025	FY 2026 10/01/2025 – 9/30/2026	FY 2027 10/01/2026 – 9/30/2027	Total Project Budget
UNSECURED GRANTS										
PAXXXX	City Hall/ EOC Generator	2	\$ 0	\$ 0	\$ 0	\$ 479,507	\$ 0	\$ 0	\$ 0	\$ 479,507
WAXXXX	Renwick Well Generator	2	\$ 0	\$ 0	\$ 0	\$ 492,851	\$ 0	\$ 0	\$ 0	\$ 492,851
TR2202	Traffic Signalization and Mobility Improvements	4	\$ 0	\$ 0	\$ 693,394	\$ 0	\$ 0	\$ 0	\$ 633,266	\$ 1,326,660
WA2205	Priority Water Line Improvements	4	\$ 0	\$ 0	\$ 782,000	\$ 2,400,000	\$ 0	\$ 0	\$ 0	\$ 3,182,000
PA2304	Evergreen Park Improvements	4.5	\$ 0	\$ 0	\$ 160,000	\$ 600,000	\$ 0	\$ 0	\$ 0	\$ 760,000
Total		\$ 0	\$ 0	\$ 1,635,394	\$ 3,972,359	\$ 0	\$ 0	\$ 633,266	\$ 6,241,019	

A.) The first two letters of the Project ID denote the type of project: DR for Drainage, PA for Parks and Facilities, ST for Street, TE for Technology, TR for Traffic, VE for Vehicle & Equipment, WA for Water, and WW for Wastewater. The first two numbers (after the letters) indicate the fiscal year the project started. N/A indicates projects in progress before FY 2022 when Project IDs were first assigned. Project IDs with an XXXX will receive a proper project ID when funds are budgeted.

B.) Prioritization of projects is at the Council's discretion. This ranking is an evaluation of the urgency of a project, with 1 being the most important to fund. Rank 1 are things tied to fire-life safety. Rank 2 are tied to continuity of government (i.e. making sure critical infrastructure doesn't fail). Rank 3 are tied to legal mandates (i.e. ADA compliance). Rank 4 are Operational Savings/ Value Enhancement (nice to have, but ok to push); 4.5 if local match has not yet been budgeted.

C.) Carry Forward Estimate based on the FY22 Budget, less year-to-date expenses as of May 01, 2022.

Project Urgency Categorization Rubric

Prioritization of projects is at the discretion of Council. In an effort to aid Council in determining project prioritization, staff has evaluated each project from the lens of how delaying a project might impact Bellaire's operational readiness. Each project falls into one of four categories, ranging from Fire/Life Safety projects that have the most urgency to be completed, to Operational Savings/Value Enhancement projects that support Council's priorities, but can be delayed with minimal impact to Bellaire's operations.

A. Fire/Life Safety

- Construction, protection, and occupancy features necessary to minimize danger to life.
- Project examples include:
 - First responder equipment (i.e. radios and patrol vehicles).
 - Fire suppression systems.
 - Removing mold or other toxic substances from a building.
 - Replacing deteriorated electrical systems.
- Projects meeting these criteria must be completed as soon as possible.

B. Continuity of Government Operations

- Does this project address issues that would restrict normal government operations?
- Project examples include:
 - Replacing a leaking roof.
 - Repairing wells and lift stations.
 - Repairing the wastewater treatment plant.
- Projects meeting these criteria must be completed as soon as practical.

C. Regulatory or Legal Mandate

- Is this project related to a statutory requirement or court order? Is there a legal agreement associated with the project?
- Project examples include:
 - Updating voting locations to comply with ADA requirements.
 - Projects with grant funding or vehicles leases.
- Projects meeting these criteria likely must be completed as soon as practical or ordered.

D. Operational Savings or Value Enhancement (including Lifecycle Management)

- Will the project provide the City a recurring cost savings and/or prolong an asset's useful life, with an acceptable return on investment?
- Includes projects that add value to the operations, efficiencies, and customer service experience of current systems and processes.
- Maintenance and replacement projects, including deferred maintenance projects.
- Project examples include:
 - LED lighting replacement.
 - Moving out of an aging building that requires regular costly maintenance.
 - Building program rooms at the library.

City of Bellaire, TX FY 2023 - FY 2027 Adopted CIP: Ongoing Projects

Project ID	Project Name	FY 2022 Budget	FY 2022 Expenditures ¹	FY 2022 Encumbered / Projected	FY 2022 Carry Forward Estimate ²
VET Fund - General Fund (600)					
TE2203	Incode Financial Update	\$ 100,000	\$ 6,575	\$ 93,425	\$ 93,425
VE2202	General Fund Vehicle Acquisitions	\$ 777,991	\$ 593,034	\$ 132,793	\$ 184,957
VE2203	General Fund Lease Program	\$ 206,870	\$ 206,870	\$ 0	\$ 0
VE2204	General Fund Misc. Equipment	\$ 50,000	\$ 1,000	\$ 39,211	\$ 49,000
VE2205	Enterprise Fund Vehicle Acquisitions	\$ 458,091	\$ 0	\$ 458,091	\$ 458,091
VE2206	Enterprise Fund Lease Program	\$ 6,113	\$ 6,113	\$ 0	\$ 0
VET Fund - General Fund (600) Total		\$ 1,599,065	\$ 813,592	\$ 723,520	\$ 785,473
CIP Fund (610) - General Fund					
PA2201	Park Amenities Management Program	\$ 150,000	\$ 0	\$ 133,532	\$ 150,000
CIP Fund (610) - General Fund Total		\$ 150,000	\$ 0	\$ 133,532	\$ 150,000
Capital Improvement Fund (610) - Enterprise Fund					
N/A	CITY WIDE SCADA SYSTEM	\$ 275,391	\$ 8,769	\$ 39,900	\$ 266,622
WA2101	Citywide Well Rehab	\$ 439,927	\$ 35,211	\$ 255,630	\$ 404,716
WA2207	Feld Park Well Generator	\$ 60,073	\$ 0	\$ 0	\$ 60,073
Capital Improvement Fund (610) - Enterprise Fund Total		\$ 775,391	\$ 43,980	\$ 295,530	\$ 731,411
Bond Fund (620)					
DR2202	Regional Drainage Program	\$ 627,523	\$ 523	\$ 0	\$ 627,000
ST2203	BBB 2016 Group C Phase 3-2017 CDBG	\$ 632,848	\$ 9,868	\$ 450,270	\$ 622,980
TR2202	Traffic Signalization and Mobility Improvements	\$ 487,000	\$ 0	\$ 0	\$ 487,000
WA2202	Fire Hydrant Rehabilitation and Replacement	\$ 100,000	\$ 0	\$ 0	\$ 100,000
WA2203	Water Distribution System Valve Improvements	\$ 195,000	\$ 0	\$ 0	\$ 195,000
WA2204	Update to 2015 Utility Infrastructure Report	\$ 100,000	\$ 0	\$ 0	\$ 100,000
WA2205	Priority Water Line Improvements	\$ 218,000	\$ 0	\$ 0	\$ 218,000
WA2206	Distribution Systems Improvements / BBB16	\$ 3,500,000	\$ 3,780	\$ 0	\$ 3,496,221
WW2202	Wastewater Collection System Improvements	\$ 356,500	\$ 232	\$ 0	\$ 356,268
WW2203	Wastewater Treatment Plant Fine Screen Replacement	\$ 95,000	\$ 0	\$ 95,000	\$ 95,000
Bond Fund (620) Total		\$ 6,311,871	\$ 14,403	\$ 545,270	\$ 6,297,468

1.) FY 2022 Expenditures are year-to-date expenses as of May 01, 2022. May also include anticipated expenditures, such as scheduled lease

2.) Carry Forward Estimate based on the FY 2022 Budget, less FY 2022 Expenditures.

City of Bellaire, TX FY 2023 - FY 2027 Adopted CIP: Ongoing Projects

Project ID	Project Name	FY 2022 Budget	FY 2022 Expenditures ¹	FY 2022 Encumbered / Projected	FY 2022 Carry Forward Estimate ²
METRO Fund (630)					
ST2201	Pavement Management Program	\$ 1,070,000	\$ 28,631	\$ 53,799	\$ 1,041,369
	METRO Fund (630) Total	\$ 1,070,000	\$ 28,631	\$ 53,799	\$ 1,041,369
Grant Fund (640)					
ST2203	BBB 2016 Group C Phase 3-2017 CDBG	\$ 4,095,702	\$ 0	\$ 3,712,564	\$ 4,095,702
WA2207	Feld Park Well Generator	\$ 180,218	\$ 0	\$ 76,174	\$ 180,218
	Grant Fund (640) Total	\$ 4,275,920	\$ 0	\$ 3,788,738	\$ 4,275,920
		Ongoing Projects Total	\$ 14,182,247	\$ 900,605	\$ 5,540,389
					\$ 13,281,642

1.) FY 2022 Expenditures are year-to-date expenses as of May 01, 2022. May also include anticipated expenditures, such as scheduled lease

2.) Carry Forward Estimate based on the FY 2022 Budget, less FY 2022 Expenditures.

City of Bellaire, TX FY 2023 - FY 2027 Adopted CIP: Projects to be Closed

These are projects anticipated to be substantially completed by September 30, 2022. FY 2022 Expenditures are year-to-date expenses as of May 01, 2022. Encumbered amounts are associated with purchase orders anticipated to be spent. Projects may still be open briefly in FY 2023 due to invoicing delays from vendors.

Project ID	Project Name	FY 2022 Budget	FY 2022 Expenditures	FY 2022 Encumbered/Projected	Remaining Budget to be Reallocated	Notes
VET Fund - General Fund (600)						
TE2202	CAD/RMS (Computer Aided Dispatch/Records Management System)	\$ 98,000	\$ 57,468	\$ 98,000	(\$57,468)	Annual subscription fee of \$98k to be budgeted for in the Operating Budget.
TE2204	311 services/Work Orders & Asset Management	\$ 13,000	\$ 0	\$ 0	\$ 13,000	Projects not implemented due to unexpected costs associated with CAD/RMS. Staff may pursue these projects in the future when there is additional project management capacity.
TE2205	Intranet	\$ 5,000	\$ 0	\$ 0	\$ 5,000	
TE2206	Open Data	\$ 40,000	\$ 0	\$ 0	\$ 40,000	
TE2207	Facilities Environmental Control System	\$ 32,950	\$ 0	\$ 32,950	\$ 0	Transition to new system; old system is out of date and no longer supported.
TE2208	EOC Technology Upgrades	\$ 50,000	\$ 8,969	\$ 41,031	\$ 0	Refresh of information display system at Emergency Operations Center in the Fire Station.
VET Fund (600) - General Fund Total		\$ 238,950	\$ 66,437	\$ 171,981	\$ 532	
VET Fund - Enterprise Fund (600)						
VE2207	Enterprise Fund Misc. Equipment	\$ 10,000	\$ 0	\$ 10,000	\$ 0	A dump trailer was purchased for the Utility team to assist with transporting fill material for repairs.
VET Fund (600) - Enterprise Fund Total		\$ 10,000	\$ 0	\$ 10,000	\$ 0	
CIP Fund (610) - General Fund						
N/A	North/South Drainage Study	\$ 106,036	\$ 21,715	\$ 84,321	\$ 0	Study completed April 2022.
PA2102	Mulberry Restroom Facility	\$ 150,000	\$ 0	\$ 130,103	\$ 19,897	Prefabricated restroom anticipated to be delivered and installed in September 2022.
CIP Fund (610) - General Fund Total		\$ 256,036	\$ 21,715	\$ 214,424	\$ 19,897	
CIP Fund (610) - Enterprise Fund*						
N/A	RENWICK WELL - PUMPS/MOTORS	\$ 70,101	\$ 70,101	\$ 0	\$ 0	Replacement of booster pumps that create water pressure and flow. Projects completed June 2022.
WA2102	Central Well Pumps	\$ 82,296	\$ 82,296	\$ 0	\$ 0	
WA2201	Annual Utility Infrastructure Management Program (water)	\$ 341,317	\$ 291,317	\$ 50,000	\$ 0	Recurring program to service waterlines. New funding for this program via WA2301.
WW2201	Annual Utility Infrastructure Management Program (wastewater)	\$ 57,262	\$ 57,262	\$ 0	\$ 0	Recurring program to service wastewater lines. New funding for this program via WW2301.
CIP Fund (610) - Enterprise Fund Total		\$ 550,976	\$ 500,976	\$ 50,000	\$ 0	

City of Bellaire, TX FY 2023 - FY 2027 Adopted CIP: Projects to be Closed

These are projects anticipated to be substantially completed by September 30, 2022. FY 2022 Expenditures are year-to-date expenses as of May 01, 2022. Encumbered amounts are associated with purchase orders anticipated to be spent. Projects may still be open briefly in FY 2023 due to invoicing delays from vendors.

Project ID	Project Name	FY 2022 Budget	FY 2022 Expenditures	FY 2022 Encumbered/Projected	Remaining Budget to be Reallocated	Notes
Bond Fund (620)						
N/A	BB2016 WASTEWATER LINE IMPV	\$ 31,308	\$ 0	\$ 0	\$ 31,308	Remaining balance from Group A, Phase 2 Water/Wastewater Line Replacement project that was completed in FY21.
ST2202	BBB 2016 Group C Phase 3-2015 CDBG	\$ 647,966	\$ 57,658	\$ 302,851	\$ 287,457	Construction substantially completed May 2022.
N/A	RA21BF2 2016 PROP 3 A3 WATER L	\$ 32,774	\$ 6,619	\$ 26,155	\$ 0	Design to split Group A Phase 3 Waterlines project into two packages. Completed December 2021 and Package 1 (WA2206) is underway. Grants being sought for Package 2 (WA2205).
Bond Fund (620) Total		\$ 712,048	\$ 64,278	\$ 329,006	\$ 318,765	
Metro Fund (630)						
TR2201	Traffic Signal Management Program	\$ 10,000	\$ 0	\$ 10,000	\$ 0	Annual funding to repair/replace traffic signals.
TR2102	ITS/TRAFFIC MGMT SYS	\$ 795,000	\$ 0	\$ 0	\$ 795,000	This project is the same as TR2202 and being closed to free up funding for reallocation.
ST2101	Pavement Management Program	\$ 945,388	\$ 259,600	\$ 685,788	\$ 0	Remaining balance of paving and storm sewer repair work started prior to FY 2022.
N/A	Pavement Management Program	\$ 251,402	\$ 102,121	\$ 149,192	\$ 89	
N/A	RA21MT1 MOBILITY MGMT	\$ 77,937	\$ 77,597	\$ 0	\$ 340	
Metro Fund (630) Total		\$ 2,079,727	\$ 439,318	\$ 844,980	\$ 795,429	
Grant Fund (640)						
PA2203	Rec Center LED Lighting	\$ 37,500	\$ 0	\$ 37,500	\$ 0	Lighting upgrades completed May 2022. Grant reimbursement is pending.
ST2202	BBB 2016 Group C Phase 3-2015 CDBG	\$ 252,033	\$ 151,466	\$ 100,567	\$ 0	Construction substantially completed May 2022. Final grant reimbursement pending.
Grant Fund (640) Total		\$ 289,533	\$ 151,466	\$ 138,067	\$ 0	
Projects to be Closed Total		\$ 4,137,270	\$ 1,244,190	\$ 1,758,457	\$ 1,134,623	

5 Year Capital Improvement Plan

City of Bellaire, Texas

Frequently Asked Questions...

- **What is a Capital Improvement Plan?**

A Capital Improvement Plan (CIP) is a road map that provides direction and guidance for the city. This road map helps City staff & City Council carefully plan and manage the purchase, construction, replacement, addition, or major repair of public facilities and equipment. This is typically done over a rolling 5-year period.

- **What are the benefits of using a CIP?**

Knowing projects and funding sources in advance helps with the planning and scheduling of funding along with the efforts needed to plan, design, and construct the projects. The CIP also helps distribute costs more equitably, promotes efficiency through organized planning efforts, and helps align projects with the City's overarching goals. The first year of the CIP is typically utilized as a basis for the Capital Budget portion of the City's overall Annual Budget process.

- **What the difference between a CIP project and say, purchasing office supplies?**

CIP projects are long-term in nature and are usually financed over a period of time. Typically, a CIP project has a dollar amount over \$25,000 and results in infrastructure planning or construction that has a long-term impact. Office supplies, on the other hand, would not be considered a CIP project because they are not very expensive, are used quickly, and can be absorbed into the operating budget.

- **Is the City committed to completing all the projects in the CIP as they are currently planned?**

The CIP is the City's best estimate for what and when projects will be completed and their respective costs—but it is important to remember that it is just a plan. The CIP can adjust to internal and external factors to allow City leaders to make changes as conditions demand. It is not uncommon for a project timetable and/or budget to be modified even after it has been added to the CIP.

- **What are examples of CIP projects?**

Many of the things you see each day in around town are typically part of a CIP. The CIP includes street construction projects, water treatment plants, wastewater facilities, park improvements, and other public building & infrastructure construction projects.

- **How are projects in the Capital Improvement Program paid for?**

Generally, there are several sources of funding for capital improvements – bond proceeds, existing fund balance, operating funds, grants, and various other taxes & fees that can be dedicated to these projects. If a project's original budget is no longer adequate, a City has several options when a project costs more than anticipated. Those options can include value engineering (scope reduction), diverting funds from delayed or canceled projects, using budgeted authority from projects completed under budget, using savings in operational budgets, along with the City Council-approved use of City reserve funds.

- **How will capital projects impact me?**

Some capital projects may involve construction that may present a temporary inconvenience. Although varied by project, some short-term impacts may include road and lane closures, noise, dust and water outages. However, this work will result in more efficient operations and service delivery. A few examples of the benefits might include providing better roads, high quality drinking water on demand, and collecting and treating wastewater from homes and businesses in a manner that is environmentally sound.

- **How can I get more information regarding a specific project?**

Please visit the City's website at <https://www.bellairetx.gov/1780/City-Projects> to find information on all major projects under construction. You may also email the Public Works Department at PublicWorks@BellaireTX.gov.

City of Bellaire FY 2023-2027 Capital Improvement Program

Project Sheet Reader's Guide

Below is a sample project sheet. The blue numbers correspond to more information on each section of the project sheet.

1.) Project ID: PA2309 **Total Estimated Cost:** \$ 20,000
Project Name: Library Shed Replacement **Category:** Parks, Recreation and Facilities
Managing Department: Parks, Recreation and Facilities **Urgency:** Operational Savings/ Value Enhancement

Core Values: Community Governance Infrastructure Public Safety Quality of Life Land Use & Zoning

Project Description:
2.) The current book storage shed behind the library needs to be replaced. It was bought in 1992 and is no longer reliable to protect donated books properly. Previous repairs have been made to the foundation, floor, roof, window, and walls to extend the shed's life. The proposed project would include a new shed(s), electrical, foundation, ground preparation, and an air conditioning window unit for climate control to prevent mold from growing on the donated books. The current shed is 12' x 32', and a new shed(s) would be installed of a similar size. City Code regarding setback requirements to property lines may require two sheds to meet the library's needs and provide the same amount of storage space.

3.) Justification:
3.) The current shed doors are in bad shape and do not close properly. Recent repairs to the roof have been made due to leaks. The shed is thirty years old, and its life expectancy has been reached, and a new shed is needed to facilitate the operations of the library and the Friends group.

4.) Alternatives and Engagement:
4.) If Council does not wish to pursue this project, the Library may have to discontinue accepting book donations for resale. An alternative to building the storage shed would be to rent environmentally controlled storage space. This would be a recurring operating cost.

The public is not anticipated to directly interface with the Library shed, so no engagement is planned.

5.) Anticipated Project Expenditures and Timeline:

FY 2022 Expenditures	FY 2022 Carry Forward Estimate	10/01/2022 – 9/30/2023	10/01/2023 – 9/30/2024	10/01/2024 – 9/30/2025	10/01/2025 – 9/30/2026	10/01/2026 – 9/30/2027
\$ 0	\$ 0	\$ 20,000	\$ 0	\$ 0	\$ 0	\$ 0

6.) Project Funding:

General Fund	Enterprise	Bond	Metro Sales Tax	Grants	Anticipated Grant Funding	Total
\$ 20,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 20,000

Estimated Annual Operating Budget Impact:

O&M	\$ 0
Labor	\$ 0
Other	\$ 0
Total	\$ 0

This project is not anticipated to have any operating budget impacts.

1.) Key Project Information:

- Project ID is the unique identifier for each project. The first two letters correspond to the project category (see below for category identifiers), the first two numbers indicate the fiscal year the project was initiated. So PA2309 is project number nine initiated in FY 2023 in the Parks, Recreation and Facilities category. Projects with an XXXX instead of numbers are anticipated projects that would not receive funding until a future year. When the project is actually budgeted for, a true Project ID will be assigned to the project.
- Project Name is a descriptive title for the project to help the reader quickly grasp what the project is for.
- Managing Department identifies the department that will oversee the project.
- Total Estimated Cost is the sum of current year's expenses and unspent funds to rollover into the upcoming year's budget (if any), plus the proposed capital budget and any planned outyear budget allocations.

City of Bellaire FY 2023-2027 Capital Improvement Program

Project Sheet Reader's Guide

- e. The project categories are: Drainage (DR) and Streets (ST); Parks, Recreation and Facilities (PA); Utilities (WA for water and WW for wastewater); and Vehicles (VE), Equipment (VE), & Technology (TE).
- f. Urgency is one of four categories that identify the level of impact the project has on Bellaire operations. See Appendix B for the rubric on these urgency categories.
- g. Core Values identifies which of the Council Core Values established in Spring 2022 the project supports.

2.) Project Description:

This section identifies the project's scope. From this description, the reader should be able to understand what the project is trying to accomplish, specific locations impacted (if any). If the project is expected to have multiple phases, then this section would describe what is being done in what fiscal year. This section may also discuss if there is a unique funding situation.

3.) Justification:

This section describes the 'why' of the project. From this section, the reader should be able to understand what the benefit is of doing the project and what is the desired outcome of completing the project.

4.) Alternatives and Engagement:

The first paragraph examines project alternatives including the impact of delaying or not doing the project. The second paragraph examines who the project stakeholders are and how they will be informed about the project impacts.

5.) Anticipated Project Expenditures and Timeline

This table looks at the project expenditures over time. The first two columns show what portion of the current year (FY 2022) budget has been spent and what portion will continue into the upcoming fiscal year (FY 2023). This carry forward amount represents expenditures that were planned in the current fiscal year but have not occurred at the time the project sheet was put together. This might be due to project delays, such as unavailability of supplies, or delays in contractors billing the City for work completed. The remaining columns show expenditures planned for the future and represent a budget request in the same amount.

6.) Project Funding

The first table identifies the funding source(s) that fund the project. The table and text below that discuss potential operating budget impacts when the project is implemented. For instance, constructing a new park might have an operations and maintenance (O&M) cost, such as utilities and annual maintenance. The new park might also have a labor cost for a new Park Attendant position. Finally, the new park might have

Project ID and Name		Funding	Overview				
DR2202	Regional Drainage Program	Bond, General Fund	Implementation of the Master Drainage Conceptual Plan. Includes funding to partner on a City of Houston, HCFCD, and/or TxDOT drainage/flood mitigation project.				
ST2201	Pavement Management Program	METRO Sales Tax	This heavy maintenance program is designed to address areas in need of heavy maintenance that are not slated for reconstruction. The goal is to improve the overall quality of the street and sidewalk systems by repairing or replacing portions of the asphalt or concrete pavement.				
ST2301							
ST2203	BBB 2016 Group C Phase 3-2017 CDBG	Bond, Secured Grants	Reconstruction of Cedar, Chelsea, Mimosa, and Larch streets. Project includes stormwater drain improvements to improve drainage and mitigate flooding.				
ST2302	Citywide Speed Study	METRO Sales Tax	Study of traffic conditions on each Bellaire street to determine if posted speed limits should be updated.				
TR2202	Traffic Signalization and Mobility Improvements*	Bond	Upgrade technology of 14 traffic signals and implement Traffic Management System. Contingent upon securing grant funding.				
TR2301	Traffic Signal Management Program	METRO Sales Tax	Ongoing traffic signal repair/replace and system improvements.				

Please Note: All figures below are estimates as of 2022 and are in 2022 dollars not adjusted for inflation.

Appropriation decisions apply ONLY to the FY 2023 project items. Future years are for planning purposes only.

Project ID and Name		FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Project Total
DR2202	Regional Drainage Program	\$ 627,523	\$ 5,755,140	\$ 6,000,000	\$ 3,000,000	\$ 0	\$ 0	\$ 15,382,663
ST2201	Pavement Management Program	\$ 1,070,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 1,070,000
ST2301		\$ 0	\$ 1,430,000	\$ 1,444,300	\$ 1,458,743	\$ 1,473,330	\$ 1,488,064	\$ 7,294,437
ST2203	BBB 2016 Group C Phase 3-2017 CDBG	\$ 4,728,550	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 4,728,550
ST2302	Citywide Speed Study	\$ 0	\$ 50,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 50,000
TR2202	Traffic Signalization and Mobility Improvements*	\$ 487,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 487,000
TR2301	Traffic Signal Management Program	\$ 0	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 250,000
	Total	\$ 6,913,073	\$ 7,285,140	\$ 7,494,300	\$ 4,508,743	\$ 1,523,330	\$ 1,538,064	\$ 29,262,650

*Project is contingent upon securing pending grant funding: \$693k anticipated to be awarded in FY23 and \$633K in FY27.

City of Bellaire FY 2023-2027 Capital Improvement Plan

Project ID: DR2202

Project Name: Regional Drainage Program

Managing Department: Public Works

Total Estimated Cost: \$ 15,382,663

Category: Drainage & Streets

Urgency: Operational Savings/ Value Enhancement

Core Values: Community Governance Infrastructure Public Safety Quality of Life Land Use & Zoning

Project Description:

This project is to develop and implement improvements that will improve drainage and mitigate flood risk throughout Bellaire. The flood mitigation improvements would be informed by the Master Drainage Concept Plan (MDCP, also referred to as the North-South Drainage Study) and the recent Council workshops on drainage. This could include engineering and design of improvements to the interior storm sewer systems, main trunk systems, detention ponds, and sheet flow barriers to increase capacity for local and regional storm sewer systems. It could also include the City's share for designing improvements to North/South drainage systems and Cypress Ditch. Funding from the Drainage & Streets portion of the 2016 Bonds for Better Bellaire are being built up through this project to allow Bellaire to partner with Harris County Flood Control District (HCFCD), City of Houston (CoH), and the Texas Department of Transportation (TxDOT) on significant drainage/ flood mitigation projects. Any significant drainage improvement will be done in partnership with HCFCD, CoH, and/or TxDOT because Bellaire does not own the major drainage elements that convey stormwater from Bellaire to Brays Bayou. Funding commitments from HCFCD, CoH, or TxDOT for a drainage project benefiting Bellaire have not materialized during the past several years of negotiations, so Bellaire may have to bear more project cost than previously anticipated. An engineering firm will be retained to help the City liaise with potential project partners, develop initiatives and design to improve regional flood mitigation, and to help secure grant funding. The FY 2023 budget would use the available Drainage & Streets balance available 2016 Bonds for Better Bellaire proceeds. Another \$6.0M of Drainage & Streets bonds could be sold over the next year and be available for appropriation in FY 2024. \$3.0M from the General Fund (Fund 610) is available for future allocation to support flood mitigation.

Justification:

Since Hurricane Harvey in 2017, flood mitigation has been a priority in Bellaire. This project will enhance the City's drainage system network and mitigate flooding for Bellaire homes and businesses. This will benefit the City by reducing potential property damage and risk to health and life of Bellaire citizens due to flooding.

Alternatives and Engagement:

If Council does not wish for the City to develop and implement flood mitigation improvements, residents will continue to be at risk of flooding. The Regional Drainage Program will be a multi-pronged approach as there is no single way to solve the City's drainage issues. Council will determine the strategy of the Regional Drainage Program and approve any initiative before they are implemented.

The City would engage impacted residents throughout the process to keep them informed and to minimize impacts on their lives. Before work begins on a particular block, flyers would be distributed to citizens to let them know of the pending work and a Bellaire project manager would regularly be on site to liaise with residents. Digital communication to stakeholders would be coordinated through the City's Communications Manager.

Anticipated Project Expenditures and Timeline:

FY 2022 Expenditures	FY 2022 Carry Forward Estimate	10/01/2022 – 9/30/2023	10/01/2023 – 9/30/2024	10/01/2024 – 9/30/2025	10/01/2025 – 9/30/2026	10/01/2026 – 9/30/2027
\$ 523	\$ 627,000	\$ 5,755,140	\$ 6,000,000	\$ 3,000,000	\$ 0	\$ 0

Project Funding:

General Fund*	Enterprise	Bond	Metro Sales Tax	Grants	Anticipated Grant Funding	Total
\$ 3,000,000	\$ 0	\$ 12,382,663	\$ 0	\$ 0	\$ 0	\$ 15,382,663

*Associated with American Rescue Plan Act (ARPA) funding received into the General Fund and transferred to Fund 610.

Estimated Annual Operating Budget Impact:

This project is not anticipated to have significant operating budget impacts. This project would enhance existing drainage infrastructure that the City already budgets to maintain or would enhance drainage infrastructure that the City does not own and is not responsible for maintaining.

City of Bellaire FY 2023-2027 Capital Improvement Plan

Project ID: ST2201

Project Name: Pavement Management Program

Managing Department: Public Works

Total Estimated Cost: \$ 1,070,000

Category: Drainage & Streets

Urgency: Operational Savings/ Value Enhancement

Core Values: Community Governance Infrastructure Public Safety Quality of Life Land Use & Zoning

Project Description:

The Pavement Management Program is designed to address sections of roads in need of heavy maintenance that are not slated for reconstruction. The goal is to improve the overall quality of the street and sidewalk systems by repairing or replacing portions of the asphalt or concrete pavement. The program focuses on existing residential roads leading into arterial streets and intersections, including main arterial streets (concrete and/or asphalt). Street construction done as part of this project may include curbs and gutters, sidewalks, and ADA ramps near and/or around Metro stops.

The table to the right shows the current scope of work for the program, to be addressed from the top down, subject to available funding. This prioritization is based on a combined - worst first methodology using: A.) objective data (2021 Pavement Evaluation Summary study by Roadway Asset Services); B.) Resident reports via SeeClickFix; and C.) Visual inspections by staff. Cost estimates are still being developed; staff anticipates that the funding from this project will need to be combined with ST2301 to fully fund the scope of work. This project also funds \$50,000 in annual medium maintenance that Public Works staff cannot do in-house. This work includes mudjacking, which pumps a mix under sunken concrete in order to restore the street grade and allow for proper water drainage.

Block	Work to be Done
5100 S. Rice	Asphalt remove & replace.
6500 S. Rice	Asphalt remove & replace.
4300 Compton	Asphalt remove & replace. Include cul-de-sac (25' x 384')
4600 Magnolia	Asphalt remove & replace.
4600 Oakdale	Asphalt remove & replace.
4600 Spruce	Asphalt remove & replace.
500 3rd St.	Asphalt remove & replace.
5400 Holly	Asphalt remove & replace.
6700 3rd St.	Concrete panels remove & replace.
7100 3rd St.	Concrete panels remove & replace.
5300 Dashwood	Concrete panels remove & replace.
4300 Lamont	Curb & Gutter
5100 Pine	Curb & Gutter
1100 Mulberry	Asphalt remove & replace

Justification:

This project would repair street sections that have been deteriorated beyond normal maintenance. These repairs would improve traffic circulation, mobility and drainage in service areas near and/or around Metro bus stops. These improvements would also upgrade existing pedestrian mobility, and traffic circulation. Additionally, these repairs are 100% funded by METRO. METRO annually remits sales tax revenue to Bellaire to maintain and improve its transportation infrastructure.

Alternatives and Engagement:

Council may choose to delay this project with no significant short-term impacts. This would delay street repairs that would benefit all residents.

Staff will work with the City's Communications Manager to inform residents of any work that would impact traffic patterns, especially regarding work requiring multiple days to be completed. Where appropriate, electronic message signs will be deployed on streets to notify drivers before significant work begins.

Anticipated Project Expenditures and Timeline:

FY 2022 Expenditures	FY 2022 Carry Forward Estimate*	10/01/2022 – 9/30/2023	10/01/2023 – 9/30/2024	10/01/2024 – 9/30/2025	10/01/2025 – 9/30/2026	10/01/2026 – 9/30/2027
\$ 28,631	\$ 1,041,369	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0

*Carry Forward Estimate based on the FY 2022 Budget, less year-to-date expenses as of May 01, 2022.

Project Funding:

General Fund	Enterprise	Bond	Metro Sales Tax	Grants	Anticipated Grant Funding	Total
\$ 0	\$ 0	\$ 0	\$ 1,070,000	\$ 0	\$ 0	\$ 1,070,000

Estimated Annual Operating Budget Impact:

There is an existing road maintenance budget in Public Works for small repairs, such as potholes and minor curb damage. The Pavement Management Program is for capital maintenance that Public Works crews cannot do in-house.

City of Bellaire FY 2023-2027 Capital Improvement Plan

Project ID: ST2203

Project Name: BBB2016 Group C Phase 3-2017 CDBG

Managing Department: Public Works

Total Estimated Cost: \$4,728,550

Category: Streets & Drainage

Urgency: Legal Mandate

Core Values: Community Governance Infrastructure Public Safety Quality of Life Land Use & Zoning

Project Description:

This project includes the reconstruction of the 4600 Cedar Street block, 500 Chelsea Street block, 4500 Larch Lane block, and 4600 block of Mimosa Drive. The project scope includes street replacement (approximately 4,250 linear feet), upgrading existing undersized storm sewer (approximately 3,900 linear feet) and repairs to existing sidewalk. All drainage for this project is designed to a 100-year storm event and will provide storm-water detention for 38.61 acres. TB Concrete Construction, Inc. was awarded the project construction contract on February 21, 2022. Work began on Mimosa Drive in May 2022 and the project will complete with Larch Lane around September 2023. 100% of the construction costs are anticipated to be reimbursed to the City through Community Development Block Grant (CDBG) funding.



Justification:

The primary benefit of this project is that it will improve drainage and provide enhanced stormwater protection for residents living on Cedar Street, Chelsea Street, Larch Lane, and Mimosa Drive. Once completed, the stormwater system enhancement from this project will reduce flood risk for many homes. Additionally, the project represents a \$4,095,702 outside investment into the City from the CDBG grant, so the street replacement, stormwater improvements, and sidewalk improvements are being done at almost no cost to residents.

Alternatives and Engagement:

The City does not have an alternative to this project as it was part of the 2016 Bond for Better Bellaire package that was approved by voters, giving the City a mandate to complete the project. Additionally, the City accepted the CDBG funding and is legally obligated to carry out the full terms and conditions of the grant (completing the project).

The City will engage impacted residents throughout the process to keep them informed and to minimize impacts on their lives. The City held a public hearing to educate residents about the project on October 9, 2018 as part of the CDBG grant process. Before work begins on a block, flyers will be distributed to each impacted home to let them know of the pending work and a Bellaire project manager will regularly be on site to liaise with residents; flyers were distributed to all homes on the 4600 block of Mimosa Drive on May 9, 2022 to give them notice of the upcoming street reconstruction. Finally, the City's Communications Manager has posted information about the project on the City's website and will communicate relevant project information to residents through social media and other communication platforms.

Anticipated Project Expenditures and Timeline:

FY 2022 Expenditures	Budget Carry Forward Estimate*	10/01/2022 – 9/30/2023	10/01/2023 – 9/30/2024	10/01/2024 – 9/30/2025	10/01/2025 – 9/30/2026	10/01/2026 – 9/30/2027
\$9,868	\$4,718,682	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0

*Carry Forward Estimate based on the FY 2022 Budget, less year-to-date expenses as of May 01, 2022.

Project Funding:

General Fund	Enterprise	Bond	Metro Sales Tax	Grants	Anticipated Grant Funding	Total
\$ 0	\$ 0	\$632,848		\$ 0	\$4,095,702	\$ 0

Estimated Annual Operating Budget Impact:	
O&M	\$ 0
Labor	\$ 0
Other	\$ 0
Total	\$ 0

No operational budget impacts are anticipated for this project.

City of Bellaire FY 2023-2027 Capital Improvement Plan

Project ID: ST2301

Project Name: Pavement Management Program

Managing Department: Public Works

Total Estimated Cost: \$ 7,294,437

Category: Drainage & Streets

Urgency: Operational Savings/ Value Enhancement

Core Values: Community Governance Infrastructure Public Safety Quality of Life Land Use & Zoning

Project Description:

This project is a continuation of ST2201. The Pavement Management Program is designed to address sections of roads in need of heavy maintenance that are not slated for reconstruction. The goal is to improve the overall quality of the street and sidewalk systems by repairing or replacing portions of the asphalt or concrete pavement. The program focuses on existing residential roads leading into arterial streets and intersections, including main arterial streets (concrete and/or asphalt). Street construction done as part of this project may include curbs and gutters, sidewalks, and ADA ramps near and/or around Metro bus stops.

The table to the right shows the current scope of work for the program, to be addressed from the top down, subject to available funding. This prioritization is based on a combined - worst first methodology using: A.) objective data (2021 Pavement Evaluation Summary study by Roadway Asset Services); B.) Resident reports via SeeClickFix; and C.) Visual inspections by staff. This project would pick up on the scope of work after all funding from ST2201 had been expended.

Block	Work to be Done
5100 S. Rice	Asphalt remove & replace
6500 S. Rice	Asphalt remove & replace
4300 Compton	Asphalt remove & replace. Include cul-de-sac (25' x 384')
4600 Magnolia	Asphalt remove & replace
4600 Oakdale	Asphalt remove & replace
4600 Spruce	Asphalt remove & replace
500 3rd St.	Asphalt remove & replace
5400 Holly	Asphalt remove & replace
6700 3rd St.	Concrete panels remove & replace
7100 3rd St.	Concrete panels remove & replace
5300 Dashwood	Concrete panels remove & replace
4300 Lamont	Curb & Gutter
5100 Pine	Curb & Gutter
1100 Mulberry	Asphalt remove & replace

This project also funds \$50,000 in annual medium maintenance that Public Works staff cannot do in-house. This work includes mudjacking, which pumps a mix under sunken concrete in order to restore the street grade and allow for proper water drainage.

Justification:

This project would repair street sections that have been deteriorated beyond normal maintenance. These repairs would improve traffic circulation, mobility and drainage in service areas near and/or around Metro bus stops. These improvements would also upgrade existing pedestrian mobility, and traffic circulation. Additionally, these repairs are 100% funded by METRO. METRO annually remits sales tax revenue to Bellaire to maintain and improve its transportation infrastructure.

Alternatives and Engagement:

Council may choose to delay this project with no significant short-term impacts. This would delay street repairs that would benefit all residents.

Staff will work with the City's Communications Manager to inform residents of any work that would impact traffic patterns, especially regarding work requiring multiple days to be completed. Where appropriate, electronic message signs will be deployed on streets to notify drivers before significant work begins.

Anticipated Project Expenditures and Timeline:

FY 2022 Expenditures	FY 2022 Carry Forward Estimate	10/01/2022 – 9/30/2023	10/01/2023 – 9/30/2024	10/01/2024 – 9/30/2025	10/01/2025 – 9/30/2026	10/01/2026 – 9/30/2027
\$ 0	\$ 0	\$ 1,430,000	\$ 1,444,300	\$ 1,458,743	\$ 1,473,330	\$ 1,488,064

Project Funding:

General Fund	Enterprise	Bond	Metro Sales Tax	Grants	Anticipated Grant Funding	Total
\$ 0	\$ 0	\$ 0	\$ 7,396,457	\$ 0	\$ 0	\$ 7,294,437

Estimated Annual Operating Budget Impact:

There is an existing road maintenance budget in Public Works for small repairs, such as potholes and minor curb damage. The Pavement Management Program is for capital maintenance that Public Works crews cannot do in-house.

City of Bellaire FY 2023-2027 Capital Improvement Plan

Project ID: ST2302

Project Name: Citywide Speed Study

Managing Department: Public Works

Total Estimated Cost: \$ 50,000

Category: Drainage & Streets

Urgency: Operational Savings/ Value Enhancement

Core Values: Community Governance Infrastructure Public Safety Quality of Life Land Use & Zoning

Project Description:

The study focused on gathering data and analyzing traffic conditions to determine the feasibility of changing the posted speed limit on each City street. Once the study has been completed, the traffic engineer's recommendations will be presented to Council to review and consider if changes to Bellaire speed limits should be made.

An engineering and traffic investigation typically involves a survey of actual motorist speeds during free flow conditions. The survey provides the 85th percentile speed, which is the speed at or below which 85% of the motorists are traveling. National best practices typically set the speed limit within 5 mph of the 85th percentile speed. Setting the speed limit close to the 85th percentile speed ensures that the speed limit reflects the speed that the majority of drivers consider to be reasonable and prudent based on the conditions. The speed limit can be adjusted from the 85th percentile speed to account for sight distance restrictions, accident history, presence of driveways, and other factors. The study would collect data on factors that could impact traffic flow and safety. This might include roadway features such as curves, surface width and type, right-of-way width, crash history, cross streets, school crossings and sites that generate traffic.

Justification:

The Texas Transportation Code states that "an operator may not drive at a speed greater than is reasonable and prudent under the circumstances then existing". Therefore, regardless of the posted speed limit, every driver has a duty to drive at a reasonable and safe speed for the conditions at that time. This means it is important to periodically review speed limits to ensure they still reflect current traffic patterns and ensure safe driving conditions. If posted speed limits are too high, there may be a higher frequency of crashes when drivers are traveling too fast to react to local road conditions. There are also disadvantages to setting speed limits far below the 85th percentile speed. If reasonable drivers see an unreasonably low speed limit without seeing a need to drive that slowly, they tend to ignore the signs and develop disrespect for speed limits in general. When a speed limit is set below the 85th percentile, law enforcement officials must deal with reasonable people being ticketed for exceeding the posted limit as well as motorists who drive too fast. Additionally, many drivers all traveling on the same roadway at different speeds creates unsafe road conditions. Drivers are unable to reasonably predict and react to cars around them, making it difficult to merge into traffic and increasing the probability of crashes.

Alternatives and Engagement:

If this study is not completed, Council will not have the information it needs to make an informed decision on if posted speed limits on Bellaire roads should be updated.

It is anticipated that the results of the study and the traffic engineer's recommendations would be presented to Council in a public meeting. At Council's direction, additional public meetings may be held to engage and educate citizens about the study and how speed limits are established.

Anticipated Project Expenditures and Timeline:

FY 2022 Expenditures	FY 2022 Carry Forward Estimate	10/01/2022 – 9/30/2023	10/01/2023 – 9/30/2024	10/01/2024 – 9/30/2025	10/01/2025 – 9/30/2026	10/01/2026 – 9/30/2027
\$ 0	\$ 0	\$ 50,000	\$ 0	\$ 0	\$ 0	\$ 0

Project Funding:

General Fund	Enterprise	Bond	Metro Sales Tax	Grants	Anticipated Grant Funding	Total
\$ 0	\$ 0	\$ 0	\$ 50,000	\$ 0	\$ 0	\$ 50,000

Estimated Annual Operating Budget Impact:	
O&M	\$ 0
Labor	\$ 0
Other	\$ 0
Total	\$ 0

This project would not have a recurring operating budget impact. This project provides a one-time study. Based on the direction of Council, the posted speed limits around the City may be changed, resulting in a one-time cost to update traffic signs.

City of Bellaire FY 2023-2027 Capital Improvement Plan

Project ID: TR2202

Project Name: Traffic Signalization & Mobility Improvements

Managing Department: Public Works

Total Estimated Cost: \$ 1,813,660

Category: Streets & Drainage

Urgency: Operational Savings/ Value Enhancement

Core Values: Community Governance Infrastructure Public Safety Quality of Life Land Use & Zoning

Project Description:

This project seeks to improve traffic flow throughout Bellaire by upgrading the technology of the fourteen (14) traffic signals within the city limits. This would be accomplished by implementing a Traffic Signal Timing Optimization Program (TSTOP) and a Traffic Management System (TMS). Both projects are contingent upon grant funding. It is anticipated that 80% of the project would be funded by the Houston-Galveston Area Council (HGAC), via Federal Highway Administration funding; a cost share breakdown is provided above. The TMS grant is scheduled for award in FY 2023 on HGAC's Transportation Improvement Program and HGAC staff have sent a draft grant agreement letter awarding the City \$693,394. The TSOP grant status is still pending.

The TSTOP is a ten-year program to analyze traffic patterns at intersections to fine tune traffic signal timing for optimum flow. The TMS would build a traffic management center at the Police Station, along with installing closed-circuit cameras and loop detector sensors at each traffic signal location to analyze real-time traffic conditions. Dynamic message signs would be deployed in strategic locations to provide warnings and real-time traffic conditions information to drivers. Through these improvements, the TMS would be able to alert drivers about upcoming delays, incident reports, travel times, construction work, safety messages and special events.

Justification:

Traffic signal optimization is one of the most cost-effective ways to improve traffic movement and make streets safe and efficient. The TSTOP would optimize traffic flow in the City, resulting in shorter travel times and reduced pollution. This provides a better quality of life for the road users and surrounding neighborhoods by reducing travel delays and improving air quality. A TMS would improve traffic incident detection, response, and clearance times, communication within city department and other agencies, such as TransStar, and allow for better on-site management of incidents. It would improve coordination to the actual response to scenes and the monitoring of impacts of incidents. Additionally, the project would leverage over \$1.3M in grant funds, so the City would bear less than a third of the overall project cost.

Alternatives and Engagement:

If the City chooses not to pursue this project, traffic conditions would not improve, and may in fact deteriorate as the traffic signals become less and less in sync with each other. If the City accepts the HGAC grant funding associated with this project, it would be legally obligated to carry out the full terms and conditions of the grant (completing the project).

The City's Communications Manager will post information about the project on the City's website and will communicate relevant project information to residents through social media and other communication platforms.

Anticipated Project Expenditures and Timeline:

FY 2022 Expenditures	Budget Carry Forward Estimate*	10/01/2022 – 9/30/2023	10/01/2023 – 9/30/2024	10/01/2024 – 9/30/2025	10/01/2025 – 9/30/2026	10/01/2026 – 9/30/2027
\$ 0	\$ 487,000	\$ 693,394	\$ 0	\$ 0	\$ 0	\$ 633,266

*Carry Forward Estimate based on the FY 2022 Budget, less year-to-date expenses as of May 01, 2022.

Project Funding:

General Fund	Enterprise	Bond	Metro Sales Tax	Grants	Anticipated Grant Funding	Total
\$ 0	\$ 0	\$ 487,000		\$ 0	\$ 0	\$ 1,326,660

Estimated Annual Operating Budget Impact:	
O&M	\$ 0
Labor	\$ 0
Other	\$ 0
Total	\$ 0

Operating budget impacts are still being estimated for this project but are believed to be able to be absorbed in the current operating budget. There would be a negligible utility cost from new cameras, message signs, and sensors. There may also be a small subscription fee associated with maintaining said items.

City of Bellaire FY 2023-2027 Capital Improvement Plan

Project ID: TR2301

Project Name: Traffic Signal Management Program

Managing Department: Public Works

Total Estimated Cost: \$ 250,000

Category: Drainage & Streets

Urgency: Fire-Life Safety

Core Values: Community Governance Infrastructure Public Safety Quality of Life Land Use & Zoning

Project Description:

This project is a capital maintenance program to maintain the City's fourteen traffic signals. The Traffic Signal Management Program funds the repair or replacement of existing traffic signals and other traffic signal related improvements, such as sensors, cameras, and software. The funding for the Traffic Signal Management Program would be 100% funded by METRO as part of an agreement with the City to maintain transportation infrastructure used by METRO.

Justification:

Properly functioning traffic signals are important to prevent crashes at street intersections, to ensure an orderly flow of traffic, and to provide an opportunity for pedestrians to cross an intersection safely. Traffic signals that are synchronized help to smooth traffic flow and allow people to reach their destinations more quickly and spend less time in their car.

Alternatives and Engagement:

If the City does not maintain its traffic signals, they will cease to function overtime. When traffic signals go out, they are to be treated as four-way stops, slowing traffic flow. However, crash incidents are more likely when the traffic signals are not functioning and often require a police officer to be on site to direct traffic and prevent crashes.

Staff will try to ensure that any traffic signal work is done quickly and does not disrupt traffic patterns. If the work is anticipated to take longer than twenty-four hours to complete, staff will work with the City's Communications Manager to convey this information to the public.

Anticipated Project Expenditures and Timeline:

FY 2022 Expenditures	Budget Carry Forward Estimate	10/01/2022 – 9/30/2023	10/01/2023 – 9/30/2024	10/01/2024 – 9/30/2025	10/01/2025 – 9/30/2026	10/01/2026 – 9/30/2027
\$ 0	\$ 0	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000

Project Funding:

General Fund	Enterprise	Bond	Metro Sales Tax	Grants	Anticipated Grant Funding	Total
\$ 0	\$ 0	\$ 0	\$ 250,000	\$ 0	\$ 0	\$ 250,000

Estimated Annual Operating Budget Impact:	
O&M	\$ 0
Labor	\$ 0
Other	\$ 0
Total	\$ 0

This project is not anticipated to have a significant operating budget impact.

Project ID and Name		Funding	Overview				
PA2201	Park Amenities Management Program	Gen. Fund	City-wide replacement/purchase of new playground equipment, shade structures and park amenities.				
PA2304	Evergreen Park Improvements ¹	Gen. Fund	Phase 1 is partially funded accessible playground; contingent upon securing grant fuding.				
PA2305	Safe and Accessible Parks	Gen. Fund	Miscellaneous ADA accessibility improvements.				
PA2306	Public Works Facility Repairs and Modernization	Gen. Fund, Bond	Repair/renovation to PW campus to meet operational needs.				
PA2308	Animal Shelter Replacement	Gen. Fund	Construct new animal shelter/dog pound facility.				
PA2309	Library Shed Replacement	Bond	Replacement of failing storage unit that is past its useful life. Shed is used to store donated books.				
PA2310	Utility Billing Storage	Bond	Storage for Utility Billing division of City Hall.				
PAXXXX	Bellaire Entry Signs Improvements	Gen. Fund	Planning for entry signs and beautifications.				
PAXXXX	Bellaire Little League Concession Stand	Gen. Fund	Reconfigure Jessamine Little League field concession stand to meet ADA standards.				
PAXXXX	Bellaire Municipal Library	Gen. Fund	Space planning/cost estimation for new Library building.				
PAXXXX	City Hall/ EOC Generator ²	Gen. Fund	Generator to ensure emergency operations power at City Hall. Project is contingent upon securing grant funding.				
PAXXXX	Citywide Tennis Court Lighting Improvements	Gen. Fund	Replace tennis court lights at City parks (Feld, Town Square and Mulberry).				
PAXXXX	Feld Park Improvements	Gen. Fund	Master planning and design for future park improvements.				
PAXXXX	Fire Station Chiller	Gen. Fund	Secondary chiller HVAC system at Fire Station to ensure continuity of operations.				
PAXXXX	Holly Street Esplanade	Gen. Fund	Completion of ADA curb ramps, irrigation, and planting.				
PAXXXX	Loftin Park Improvements	Gen. Fund	Improvements to Loftin Park including, invasive or unhealthy tree removal, additional tree plantings, irrigation system, and consideration of fencing improvements.				
PAXXXX	Mulberry Park Parking Lot	Gen. Fund	Parking lot replacement and drainage improvements.				
PAXXXX	Recreation Center Renovation	Gen. Fund	Redesign of 30+years old facility to meet current demands.				

Please Note: All figures below are estimates as of 2022 and are in 2022 dollars not adjusted for inflation.

Appropriation decisions apply ONLY to the FY 2023 project items. Future years are for planning purposes only.

Project ID and Name		FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Project Total
PA2201	Park Amenities Management Program	\$ 150,000	\$ 0	\$ 0	\$ 0	\$ 100,000	\$ 0	\$ 250,000
PA2304	Evergreen Park Improvements ¹	\$ 0	\$ 189,500	\$ 200,000	\$ 4,900,000	\$ 0	\$ 0	\$ 5,289,500
PA2305	Safe and Accessible Parks Improvements	\$ 0	\$ 50,000	\$ 325,000	\$ 0	\$ 0	\$ 0	\$ 375,000
PA2306	Public Works Facility Repairs and Modernization	\$ 0	\$ 547,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 547,000
PA2308	Animal Shelter Replacement	\$ 0	\$ 300,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 300,000
PA2309	Library Shed Replacement	\$ 0	\$ 20,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 20,000
PA2310	Utility Billing Storage	\$ 0	\$ 23,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 23,000
PAXXXX	Bellaire Entry Signs Improvements	\$ 0	\$ 0	\$ 50,000	\$ 300,000	\$ 0	\$ 0	\$ 350,000
PAXXXX	Bellaire Little League Concession Stand	\$ 0	\$ 0	\$ 0	\$ 60,000	\$ 700,000	\$ 0	\$ 760,000
PAXXXX	Bellaire Municipal Library	\$ 0	\$ 0	\$ 250,000	\$ 0	\$ 11,000,000	\$ 0	\$ 11,250,000
PAXXXX	City Hall/ EOC Generator ²	\$ 0	\$ 0	\$ 159,836	\$ 0	\$ 0	\$ 0	\$ 159,836
PAXXXX	Citywide Tennis Court Lighting Improvements	\$ 0	\$ 0	\$ 0	\$ 120,000	\$ 0	\$ 0	\$ 120,000
PAXXXX	Feld Park Improvements	\$ 0	\$ 0	\$ 0	\$ 50,000	\$ 100,000	\$ 1,000,000	\$ 1,150,000
PAXXXX	Fire Station Chiller	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 260,000	\$ 260,000
PAXXXX	Holly Street Esplanade	\$ 0	\$ 0	\$ 0	\$ 0	\$ 150,000	\$ 0	\$ 150,000
PAXXXX	Loftin Park Improvements	\$ 0	\$ 0	\$ 0	\$ 0	\$ 120,000	\$ 0	\$ 120,000
PAXXXX	Mulberry Park Parking Lot	\$ 0	\$ 0	\$ 50,000	\$ 200,000	\$ 0	\$ 0	\$ 250,000
PAXXXX	Recreation Center Renovation	\$ 0	\$ 0	\$ 50,000	\$ 200,000	\$ 1,000,000	\$ 0	\$ 1,250,000
Total		\$ 150,000	\$ 1,129,500	\$ 1,084,836	\$ 5,830,000	\$ 13,170,000	\$ 1,260,000	\$ 22,624,336

1.) Project is contingent upon securing pending grant funding. \$600k anticipated in FY23 and \$600k in FY24.

2.) Project is contingent upon securing pending grant funding. \$479k anticipated in FY24.

City of Bellaire FY 2023-2027 Capital Improvement Plan

Project ID: PA2201

Project Name: Park Amenities

Managing Department: Parks, Recreation, and Facilities

Total Estimated Cost: \$250,000

Category: Parks, Recreation, & Facilities

Urgency: Operational Savings/ Value Enhancement

Core Values: Community Governance Infrastructure Public Safety Quality of Life Land Use & Zoning

Project Description:

This project is for miscellaneous improvements to the City of Bellaire's park facilities. In FY 2022, City Council allocated \$150,000 for improvements to the Bellaire Family Aquatic Center. These improvements include developing a storage area, additional decking, a large shade umbrella, and the expansion of green space for patrons to enjoy. Due to supply chain issues, the project has not progressed as quickly as planned and will not be completed until the first quarter of FY 2023.

In FY 2026, the Parks and Recreation Advisory Board recommends funding for Joe Gaither Park improvements, such as playground equipment, benches, fencing, trash containers, picnic tables and other park improvements. The current playground is safe, but due to age it has become difficult to find replacement parts.

Justification:

During the peak of the COVID pandemic parks proved to be essential to the quality of life for Bellaire residents. Parks increase the property value of homes and are a primary space for resident interactions and community gatherings. A well-maintained park influences the perspective of how well the City of Bellaire serves its citizens. Additionally, the programmed improvements will ensure that well-used amenities like benches and playgrounds remain safe and attractive.

Alternatives and Engagement:

If this project goes unfunded, elements at Joe Gaither Park will continue to deteriorate and may be removed if they become a safety concern, diminishing the overall quality of the park and the neighborhood.

The Parks and Recreation Advisory Board is engaged in all Parks capital improvements planning and is in support of this project.

Anticipated Project Expenditures and Timeline:

FY 2022 Expenditures	FY22 Carry Forward Estimate*	10/01/2022 – 9/30/2023	10/01/2023 – 9/30/2024	10/01/2024 – 9/30/2025	10/01/2025 – 9/30/2026	10/01/2026 – 9/30/2027
\$ 0	\$ 150,000	\$ 0	\$ 0	\$ 0	\$100,000	\$ 0

*Carry Forward Estimate based on the FY22 Budget, less year-to-date expenses as of May 01, 2022.

Project Funding:

General Fund	Enterprise	Bond	Metro Sales Tax	Grants	Anticipated Grant Funding	Total
\$250,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 250,000

Estimated Annual Operating Budget Impact:	
O&M	\$ 0
Labor	\$ 0
Other	\$ 0
Total	\$0

This project is not anticipated to have significant operating budget impacts. This project would enhance existing park infrastructure that the City already budgets to maintain.

City of Bellaire FY 2023-2027 Capital Improvement Plan

Project ID: PA2304

Project Name: Evergreen Park

Managing Department: Parks, Recreation, and Facilities

Total Estimated Cost: \$ 6,049,500

Category: Parks, Recreation, and Facilities

Urgency: Operational Savings/ Value Enhancement

Core Values: Community Governance Infrastructure Public Safety Quality of Life Land Use & Zoning

Project Description:

This project is for the implementation of the Evergreen Park Master Plan approved by Council in 2016. The Masterplan identifies improvements to Evergreen Park, located at 4500 Evergreen Street, such as the playground and green space, parking lot, and pool. The Masterplan groups these improvements into four phases and the first potential phase would replace the playground/green space area along the Newcastle trail.

The new playground would be inclusive and go beyond ADA requirements. For example, the new play structures would allow kids in wheelchairs and mobility impairments to play alongside their peers thanks to wider, ramped play platforms and structures to all levels of the play features without incident. It will include sensory play elements that incorporate touch and music, as well as interactive educational features. The inclusive design is not just for the kids as we want to incorporate the entire family into the fun, mindful that there are plenty of parents and grandparents with disabilities or mobility impairments who could also benefit from inclusive design allowing them the opportunity to interact and play with their children and grandchildren. Patrons for Bellaire Parks are anticipated to donate \$160,000 towards the renovation of Evergreen Park, which would go towards this first phase of an inclusive playground in FY 2023. Additionally, a grant application has been submitted for \$600k through Rep. Fletcher's office in hopes obtaining federal funds to expand the playground in FY 2024.

The remaining phases would require design and engineer work before they can be implemented. In FY 2024, an architect would design the overhaul of Evergreen Park in accordance with the 2016 Masterplan. This design work is estimated to cost \$200k and would generate detailed construction cost estimates and provide specifications to bid future construction work. Council would then have detailed plans and cost estimates to determine if they wish to continue implementation of the Evergreen Park Master Plan. Actual renovation work could begin in FY 2025 and is currently estimated by the Parks and Recreation Advisory Board to cost \$4.9M; this is a rough estimate that could significantly change depending on what elements are contained in the park.

Justification:

There are no inclusively designed playgrounds in Bellaire, forcing people to make commutes outside of Bellaire. An inclusive playground would allow park users a diverse play experience and provide recreational opportunities for people of all abilities.

Alternatives and Engagement:

There would be no short-term impacts to City operations if this project was delayed or canceled. Evergreen Park is currently open and enjoyed by City residents daily. However, the City would potentially lose \$600,000 in possible grants to improve the playground. Just like buildings, parks must periodically be updated to address recurring maintenance issues and to ensure that it is able to meet the current and future demands of its users. The pool facility is over sixty years old and could be modernized to provide a better experience and streamlined maintenance/operations.

Parks staff will engage Bellaire residents regarding improvements to be made. Additionally, the Parks and Recreation Citizens Advisory Board, which is advocating for this project, will be kept apprised on the project's progress.

Anticipated Project Expenditures and Timeline:

FY 2022 Expenditures	FY 2022 Carry Forward Estimate	10/01/2022 – 9/30/2023	10/01/2023 – 9/30/2024	10/01/2024 – 9/30/2025	10/01/2025 – 9/30/2026	10/01/2026 – 9/30/2027
\$ 0	\$ 0	\$ 349,500	\$ 800,000	\$ 4,900,000	\$ 0	\$ 0

Project Funding:

General Fund	Enterprise	Bond	Metro Sales Tax	Grants	Anticipated Grant Funding	Total
\$ 5,289,500	\$ 0	\$ 0	\$ 0	\$ 0	\$ 760,000	\$ 6,049,500

Estimated Annual Operating Budget Impact:	
O&M	\$ 1,000
Labor	\$ 0
Other	\$ 0
Total	\$1,000

The increase in the size of the playground area will require additional maintenance. Staff does not anticipate a significant increase in operating expenditures for other Evergreen Park elements.

City of Bellaire

PARKS, RECREATION, AND FACILITIES

To: Deacon Tittle, Interim City Manager
From: Karl Miller, Parks, Recreation, and Facilities Director
Date: June 28, 2022
Subject: Restricted Funds for Park Development

Ordinance No. 11-10 designates funds from the sale of easements, right of ways, alleys, streets, or other public ways to be restricted for the future purchase of and/or development of parkland. There is currently \$189,500 in this restricted account. For the past several years, the Parks and Recreation Advisory Board has recommended that the funds be allocated to renovate the METRO Bus Transfer Station's area once the facility is moved to another location. According to the previous Interim City Manager, METRO does not plan on removing the bus transfer station any time soon. This information led the Advisory Board to recommend that the funds instead be used to match the \$160,000 held by the Patrons for Bellaire Parks for improvements to Evergreen Park. Specifically, these funds would be used to fund Phase 1 of the Evergreen Park 2016 Masterplan, with the development of a playground and green space along Newcastle Drive.

City of Bellaire FY 2023-2027 Capital Improvement Plan

Project ID: PA2305

Project Name: Safe and Accessible Parks Improvements

Managing Department: Parks, Recreation and Facilities

Total Estimated Cost: \$ 375,000

Category: Parks, Recreation and Facilities

Urgency: Regulatory Mandate

Core Values: Community Governance Infrastructure Public Safety Quality of Life Land Use & Zoning

Project Description:

In 2019, Bellaire completed an Americans with Disabilities Act (ADA) Assessment and Transition Plan, which identified ADA deficiencies throughout the City. In FY 2022, the Parks and Recreation Citizens Advisory Board completed an extensive evaluation of the parks in Bellaire, identifying general park needs, including ADA deficiencies. This project would address ADA issues found in parks in a phased approach. Phase 1 improvements are estimated to cost \$50,000 and would focus on mobility issues such as curb ramps, sidewalk repairs, and paths to playground areas: barriers to persons with disabilities from entering park amenities. Future phases are estimated to cost \$325,000 and would expand to completing any additional mobility issues, signage needs, lighting, and other park amenity needs. Working with staff, the Parks and Recreation Citizens Advisory Board would develop a prioritized list of needs and obtain pricing for Council review and approval before funds are spent.

Justification:

On November 18, 2019, the City Council of the City of Bellaire approved the ADA Assessment and Transition Plan. This project would work to address identified ADA compliance issues that serve as a barrier to persons with disabilities from fully enjoying Bellaire parks. This project would enhance the quality of the parks in Bellaire by taking steps to ensure all parks are accessible to all park patrons. The following is excerpted from the ADA Law:

§ 35.101 Purpose and broad coverage.

(a) Purpose. The purpose of this part is to implement subtitle A of title II of the Americans with Disabilities Act of 1990 (42 U.S. C. 12131–12134), as amended by the ADA Amendments Act of 2008 (ADA Amendments Act) (Public Law 110–325, 122 Stat. 3553 (2008)), which prohibits discrimination on the basis of disability by public entities.

(b) Broad coverage. The primary purpose of the ADA Amendments Act is to make it easier for people with disabilities to obtain protection under the ADA. Consistent with the ADA Amendments Act's purpose of reinstating a broad scope of protection under the ADA, the definition of "disability" in this part shall be construed broadly in favor of expansive coverage to the maximum extent permitted by the terms of the ADA. The primary object of attention in cases brought under the ADA should be whether entities covered under the ADA have complied with their obligations and whether discrimination has occurred, not whether the individual meets the definition of disability. The question of whether an individual meets the definition of disability under this part should not demand extensive analysis.

Alternatives and Engagement:

The Parks and Recreation Citizens Advisory Board recommends funding all future phases in FY 2024. However, instead of one lump sum of funding, Council could instead create a program with a smaller annual budget until the identified ADA issues are addressed.

Parks staff will engage parks users, especially people with disabilities, on the improvements to be made. Additionally, the Parks and Recreation Citizens Advisory Board, which is advocating for this project, will be kept apprised on the project's progress.

Anticipated Project Expenditures and Timeline:

FY 2022 Expenditures	Budget Carry Forward Estimate	10/01/2022 – 9/30/2023	10/01/2023 – 9/30/2024	10/01/2024 – 9/30/2025	10/01/2025 – 9/30/2026	10/01/2026 – 9/30/2027
\$ 0	\$ 0	\$ 50,000	\$ 325,000	\$ 0	\$ 0	\$ 0

Project Funding:

General Fund	Enterprise	Bond	Metro Sales Tax	Grants	Anticipated Grant Funding	Total
\$ 375,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 375,000

Estimated Annual Operating Budget Impact:	
O&M	\$ 0
Labor	\$ 0
Other	\$ 0
Total	\$ 0

This project is not anticipated to have any operating budget impacts. The ADA improvements made through this project will be maintained through the existing Parks maintenance budget.

City of Bellaire FY 2023-2027 Capital Improvement Plan

Project ID: PA2306

Project Name: Public Works and Parks Facility Repairs and Modernization

Managing Department: Parks, Recreation & Facilities

Total Estimated Cost: \$547,000

Category: Parks, Recreation & Facilities

Urgency: Continuity of Government

Core Values: Community Governance Infrastructure Public Safety Quality of Life Land Use & Zoning

Project Description:

This project is to make critical repairs and upgrades to Public Works facilities. During Hurricane Harvey, the Public Works Annex building was irreparably damaged, and then bulldozed. A used trailer was purchased to serve as temporary Public Works administration while a new long-term home was sought. A potential new Public Works site was identified, but the City did not pursue the site. There is no longer an active search for a new Public Works campus, so repairs must be made to the existing site.

Public Works Facility To Be Improved	Cost Estimate
Shower/Assembly Trailer	\$75,000
Admin Trailer Maintenance	\$2,000
Wastewater Treatment Plant (Admin Area)	\$335,000
Warehouse Area	\$135,000

The current conditions of the Public Works campus are not conducive to a productive work environment. The Solid Waste crews now assemble and shower at the Wastewater Treatment Plant; the treatment plant only has a handful of showers and lockers for treatment plant staff and was never designed to serve the several dozen Solid Waste folks who have the dirtiest job in the City. These employees should have the opportunity to shower and get clean before contaminating their personal vehicles driving home. Street, Parks and Underground Utilities staff are forced to use old warehouse space to assemble in, which does not have heating or cooling HVAC, nor sufficient shower/breakroom facilities. The administration trailer is old and in disrepair; the floor is so deteriorated that staff have stepped through holes in the floor. The following improvements are proposed:

- Admin Trailer: shoring up of flooring and other cosmetic repairs.
- New Shower/Assembly Trailer: A new trailer featuring individual shower stalls with locker room/assembly area for field crews.
- Warehouse Area: Underground Utilities, Streets, and Parks crews operate out of four separate warehouse areas. Each area would be renovated to separate team assembly area from storage area so that assembly area can be made hospitable work environment. Area would also be better secured with security cameras, lighting, and gate to prevent future theft and vandalism.
- Wastewater Treatment Plant: overhaul of administrative area (offices, bathrooms, lab, and breakroom); testing for asbestos and mold potentially built up over the years and from Harvey flooding (if either are found, remediation will be required before improvements can take place); security cameras; update bathroom/locker-room/shower areas; renovate breakroom so that treatment plant controls cannot be accidentally triggered; and update fire suppression system, old doors, and laboratory area.

Justification:

This project is the result of years of deferred maintenance and facilities being used beyond their intended design. This project is a nominal investment to make the Public Works campus safe and habitable until a new Public Works site is constructed. A potential component of the City's developing drainage plan is to turn the existing Public Works site into a stormwater retention pond to mitigate flooding, which would require a new location for Public Works. However, that is many years down the road and the current problems at the Public Works facility need to be addressed.

Alternatives and Engagement:

Council may, understandably, not wish to invest money into a site that is in the floodplain. However, Public Works and the Parks Division cannot function without its campus for crews to gather, re-supply, and receive direction. The only alternative is for a new Public Works site to be found and constructed.

If work being done at the facility would interrupt service, staff would ensure the public was appropriately informed in advance and take steps to mitigate the service interruption.

Anticipated Project Expenditures and Timeline:

FY 2022 Expenditures	FY 2022 Carry Forward Estimate	10/01/2022 – 9/30/2023	10/01/2023 – 9/30/2024	10/01/2024 – 9/30/2025	10/01/2025 – 9/30/2026	10/01/2026 – 9/30/2027
\$ 0	\$ 0	\$547,000	\$ 0	\$ 0	\$ 0	\$ 0

Project Funding:

General Fund	Enterprise	Bond	Metro Sales Tax	Grants	Anticipated Grant Funding	Total
\$ 144,500	\$ 0	\$ 402,500	\$ 0	\$ 0	\$ 0	\$547,000

No operating impacts are anticipated from this project. Bellaire Facilities has sufficient budget for incidental and preventative maintenance. However, the scope this project addresses is due to unexpected flood damage that could not be addressed through the normal maintenance budget.

City of Bellaire FY 2023-2027 Capital Improvement Plan

Project ID: PA2308

Project Name: Animal Shelter

Managing Department: Parks, Recreation, & Facilities

Total Estimated Cost: \$ 300,000

Category: Parks, Recreation, & Facilities

Urgency: Legal Mandate

Core Values: Community Governance Infrastructure Public Safety Quality of Life Land Use & Zoning

Project Description:

The Animal Shelter Replacement Project was instituted at the request of City Council in response to citizen requests for improvements to the existing dog pound facility. Based on feedback from Council during the August 1 and August 15, 2022 budget workshops, the new animal shelter would be a modular facility at a to-be-determined location. A workshop on the animal shelter to finalize design and location will be held in early FY 2023. The current scope is a 28' x 50' prefabricated dog kennel building that would accommodate up to eight dogs. Unless another location is identified, the animal shelter would remain in its current location or move to Anderson St. on the north side of the city, behind the Wal-Mart. Both locations would require the structure to be raised out of the floodplain and an ADA ramp. Site preparation, ordering/receiving the prefabricated building, and then final outfitting of the building will likely take more than twelve months.

Justification:

It is believed that the existing facility was constructed sometime in the 1950's and due to the times in which it was constructed, it does not provide any climate control or adequate space or separation for animals in the department's care. Additionally, the existing facility lies within a flood zone and has been flooded several times in the past decade. Finally, best practices for shelter construction mandate specific inside/outside space, separation, and exercise areas for animals not currently met with the existing structure. If the project is delayed, the animal shelter will continue to operate under a temporary exemption, as it does not meet permit requirements.

Alternatives and Engagement:

The Police Department considered three alternatives: repair and upfitting of the existing structure; purchase and installation of a modular facility placed at either the existing site or the proposed site on Anderson St; and construction of a new facility. Of the three options construction will be the most durable and longest-lasting option. If the project is delayed, the animal shelter will continue to operate under a temporary exemption, as it does not meet permit requirements.

Construction will involve consultation with partner organization, Friends of the Bellaire Pound, and will rely on minimum standards and recommendations from the Texas Department of Health and Human Services. If Council forms an Animal Advisory Committee, they will be consulted regarding the project.

Anticipated Project Expenditures and Timeline:

FY 2022 Expenditures	Budget Carry Forward Estimate	10/01/2022 – 9/30/2023	10/01/2023 – 9/30/2024	10/01/2024 – 9/30/2025	10/01/2025 – 9/30/2026	10/01/2026 – 9/30/2027
\$ 0	\$ 0	\$ 300,000	\$ 0	\$ 0	\$ 0	\$ 0

Project Funding:

General Fund	Enterprise	Bond	Metro Sales Tax	Grants	Anticipated Grant Funding	Total
\$ 300,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 300,000

Estimated Annual Operating Budget Impact:	
O&M	\$ 5,000
Labor	\$ 0
Other	\$ 0
Total	\$ 5,000

This is an increase over the \$10,000 already annually budgeted for shelter operations. The increase is associated with a larger footprint, leading to increased utility usage, as well as more area to maintain.

City of Bellaire FY 2023-2027 Capital Improvement Plan

Project ID: PA2309

Project Name: Library Shed Replacement

Managing Department: Parks, Recreation and Facilities

Total Estimated Cost: \$ 20,000

Category: Parks, Recreation and Facilities

Urgency: Operational Savings/ Value Enhancement

Core Values: Community Governance Infrastructure Public Safety Quality of Life Land Use & Zoning

Project Description:

The current book storage shed behind the library needs to be replaced. It was bought in 1992 and is no longer reliable to protect donated books properly. Previous repairs have been made to the foundation, floor, roof, window, and walls to extend the shed's life. The proposed project would include a new shed(s), electrical, foundation, ground preparation, and an air conditioning window unit for climate control to prevent mold from growing on the donated books. The current shed is 12' x 32', and a new shed(s) would be installed of a similar size. City Code regarding setback requirements to property lines may require two sheds to meet the library's needs and provide the same amount of storage space.

Justification:

The current shed doors are in bad shape and do not close properly. Recent repairs to the roof have been made due to leaks. The shed is thirty years old, and its life expectancy has been reached. Thus, a new shed is needed to facilitate the operations of the library and the Friends group.

Alternatives and Engagement:

If Council does not wish to pursue this project, the Library may have to discontinue accepting book donations for resale. An alternative to building the storage shed would be to rent environmentally controlled storage space. This would be a recurring operating cost.

The public is not anticipated to directly interface with the Library shed, so no engagement is planned.

Anticipated Project Expenditures and Timeline:

FY 2022 Expenditures	FY 2022 Carry Forward Estimate	10/01/2022 – 9/30/2023	10/01/2023 – 9/30/2024	10/01/2024 – 9/30/2025	10/01/2025 – 9/30/2026	10/01/2026 – 9/30/2027
\$ 0	\$ 0	\$ 20,000	\$ 0	\$ 0	\$ 0	\$ 0

Project Funding:

General Fund	Enterprise	Bond	Metro Sales Tax	Grants	Anticipated Grant Funding	Total
\$ 0	\$ 0	\$ 20,000*	\$ 0	\$ 0	\$ 0	\$ 20,000

*This Bond funding is associated with interest accrued from the Municipal Facilities portion of the 2016 Bond.

Estimated Annual Operating Budget Impact:	
O&M	\$ 0
Labor	\$ 0
Other	\$ 0
Total	\$ 0

This project is not anticipated to have any operating budget impacts.

City of Bellaire FY 2023-2027 Capital Improvement Plan

Project ID: PA2310

Project Name: Utility Billing Storage

Managing Department: Parks, Recreation and Facilities

Total Estimated Cost: \$ 23,000

Category: Parks, Recreation and Facilities

Urgency: Operational Savings/ Value Enhancement

Core Values: Community Governance Infrastructure Public Safety Quality of Life Land Use & Zoning

Project Description:

The Utility Billing area of City Hall has insufficient permanent storage and filing space. The additional storage would be used to house items distributed to customers, such as garbage bags and recycling bins, as well as day-to-day files. The storage and file space would be built to match the interior woodwork of the building.

Justification:

This proposed project was originally planned as part of the construction of City Hall, but due to budgetary concerns, this project was delayed. Funding for this project is available through interest earned from the 2016 Bonds for Better Bellaire Program.

Alternatives and Engagement:

If Council does not wish to pursue this project, Utility Billing would continue as is with inadequate storage facilities. An alternative to renovating the Utility Billing area would be to rent environmentally controlled storage space. This would be a recurring operating cost.

The public would not directly interface with the Utility Billing storage area, so no engagement is planned.

Anticipated Project Expenditures and Timeline:

FY 2022 Expenditures	Budget Carry Forward Estimate	10/01/2022 – 9/30/2023	10/01/2023 – 9/30/2024	10/01/2024 – 9/30/2025	10/01/2025 – 9/30/2026	10/01/2026 – 9/30/2027
\$ 0	\$ 0	\$ 23,000	\$ 0	\$ 0	\$ 0	\$ 0

Project Funding:

General Fund	Enterprise	Bond	Metro Sales Tax	Grants	Anticipated Grant Funding	Total
\$ 0	\$ 0	\$ 23,000*	\$ 0	\$ 0	\$ 0	\$ 23,000

*This Bond funding is associated with interest accrued from the Municipal Facilities portion of the 2016 Bond.

Estimated Annual Operating Budget Impact:	
O&M	\$ 0
Labor	\$ 0
Other	\$ 0
Total	\$ 0

This project is not anticipated to have any operating budget impacts.

City of Bellaire FY 2023-2027 Capital Improvement Plan

Project ID: PAXXXX

Project Name: Bellaire Entry Signs Improvements

Managing Department: Parks, Recreation and Facilities

Total Estimated Cost: \$ 350,000

Category: Parks, Recreation and Facilities

Urgency: Operational Savings/ Value Enhancement

Core Values: Community Governance Infrastructure Public Safety Quality of Life Land Use & Zoning

Project Description:

Originally an entry sign was located on Bellaire Blvd near the railroad tracks. That sign was removed when a motor vehicle hit the sign, making the sign unrepairable. There has been talk over the years of replacing the sign and adding entry signs at other locations in the city. This project would fund a Bellaire Entry Masterplan in FY 2024 to determine the design and placement of one or more entry signs. The Parks and Recreation Citizens Advisory Board would be charged with providing input for this master planning, unless Council appoints a special ad-hoc committee to drive the Bellaire Entry Masterplan. This effort is anticipated to be completed in a year and construction of one or more entry signs could begin in FY 2025, currently estimated to cost \$300,000. The cost of this project could vary greatly depending on the various variables such as number of signs, size, materials, utilities, etc.

Justification:

Entry signs would allow motorists to know when they are entering the City of Bellaire and would beautify the City.

Alternatives and Engagement:

There would be no impact if this project was delayed or canceled. Bellaire currently operates with no entry signs.

Parks staff will engage the Parks and Recreation Citizens Advisory Board on the design and placement of the entry signs, as well as the implementation schedule.

Anticipated Project Expenditures and Timeline:

FY 2022 Expenditures	Budget Carry Forward Estimate	10/01/2022 – 9/30/2023	10/01/2023 – 9/30/2024	10/01/2024 – 9/30/2025	10/01/2025 – 9/30/2026	10/01/2026 – 9/30/2027
\$ 0	\$ 0	\$ 0	\$ 50,000	\$ 300,000	\$ 0	\$ 0

Project Funding:

General Fund	Enterprise	Bond	Metro Sales Tax	Grants	Anticipated Grant Funding	Total
\$ 350,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 350,000

Estimated Annual Operating Budget Impact:	
O&M	\$ 0
Labor	\$ 0
Other	\$ 0
Total	\$ 0

Maintenance and operating cost would depend on the number and type of entry signs being built. Currently this project is not anticipated to have any operating budget impacts. If lighting is included as part of the project, there would be additional utility costs.

City of Bellaire FY 2023-2027 Capital Improvement Plan

Project ID: PAXXX

Project Name: Bellaire Little League Concession Stand

Managing Department: Parks, Recreation and Facilities

Total Estimated Cost: \$ 760,000

Category: Parks, Recreation and Facilities

Urgency: Regulatory Mandate

Core Values: Community Governance Infrastructure Public Safety Quality of Life Land Use & Zoning

Project Description:

This project is to reconstruct the Bellaire Little League Concession Stand, located at the corner of Jessamine and 5th Street in Bellaire-Zindler Park. The current concession stand does not meet Americans with Disabilities Act (ADA) standards and needs to be reconfigured to allow a safer flow of pedestrians in and around the building. The concession stand is a two-story building that holds bathrooms and concession space on the ground floor, and a small meeting room and announcers' box on the second floor. The bathrooms are not accessible and the concession stand counters don't meet ADA requirements. The second-floor meeting space is used by the Bellaire Little League Board of Directors to organize the League's activities and is not configured to ADA standards and an elevator is needed to access. Reconfiguring this building would not only address the ADA issues, but would also improve the aesthetic of the corner of Jessamine and 5th street. The Parks and Recreation Advisory Board recommends that funding for design of the building (estimated cost of \$60k) in FY 2025. Construction of the new concession stand building, currently estimated at \$700,000, would follow in FY 2026.

Justification:

The current concession stand building is old and does not meet ADA requirements. Reconstructing the building will make the facility more accessible and inviting to all Bellaire residents. A new building would also allow for a more modern design that incorporates energy saving strategies that can reduce utility costs in the long-term. Examples include better insulation, more efficient HVAC systems, low flush toilets that use less water, and LED lighting that uses less electricity.

Alternatives and Engagement:

The project does not need to be immediately implemented because the issue was only recently identified, and the City can demonstrate that it is working towards resolving the issues via this project. However, if Council chooses to further delay this project, it potentially exposes the City to a complaint for noncompliance with ADA standards.

Design of the Bellaire Little League Concession Stand would incorporate feedback from the Bellaire Little League and Parks staff. Parks staff will coordinate with the Bellaire Little League on the project timeline and work ensure concession stand construction has a minimal impact on the Bellaire Little League's operations. Additionally, the Parks and Recreation Citizens Advisory Board is in support of this project and will be kept apprised of its progress.

Anticipated Project Expenditures and Timeline:

FY 2022 Expenditures	Budget Carry Forward Estimate	10/01/2022 – 9/30/2023	10/01/2023 – 9/30/2024	10/01/2024 – 9/30/2025	10/01/2025 – 9/30/2026	10/01/2026 – 9/30/2027
\$ 0	\$ 0	\$ 0	\$ 0	\$ 60,000	\$ 700,000	\$ 0

Project Funding:

General Fund	Enterprise	Bond	Metro Sales Tax	Grants	Anticipated Grant Funding	Total
\$ 760,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 760,000

Estimated Annual Operating Budget Impact:	
O&M	\$ 0
Labor	\$ 0
Other	\$ 0
Total	\$ 0

Rebuilding the Bellaire Little League Concession Stand is not anticipated to require additional operating budget dollars since the facility is operated by Bellaire Little League

City of Bellaire FY 2023-2027 Capital Improvement Plan

Project ID: PAXXX

Project Name: Bellaire Municipal Library

Managing Department: Parks, Recreation and Facilities

Total Estimated Cost: \$ 11,250,000

Category: Parks, Recreation and Facilities

Urgency: Operational Savings/ Value Enhancement

Core Values: Community Governance Infrastructure Public Safety Quality of Life Land Use & Zoning

Project Description:

This project is to fund the design of a new Municipal Library facility at 5111 Jessamine Street. A space study was conducted and completed by PGAL in 2019. Once the space study findings are verified by interviewing library patrons and staff to confirm current and future needs. This design work would also generate construction cost estimates and provide specification that could be used for future construction procurement. Design work could present several scenarios for Council to consider.

Justification:

The current Library was constructed in 1962, and in 1974 the two-story section of the building was constructed. The current building is outdated and in poor condition. It requires more maintenance and utility cost than a more modern and efficient building. The 2019 Facilities Master Plan Update completed by PGAL and accepted by Bellaire City Council, identifies a new Library and estimates the cost of the new Library to be up to a \$11 Million. This is an outdated, rough estimate that could significantly change depending on a wide variety of variables such as building size, technology, resistance to flooding, construction methodology, etc. Additionally, the 2019 projected cost for a new Library building will need to increase to reflect higher construction costs due to inflation.

Design work is a nominal investment to help Council decide if it wants to invest into a new, modern library facility. This design work is needed because Council does not have enough information to provide good direction on the future of the Library facility. Without a good construction estimate, the City cannot appropriately budget for a new facility. This more accurate construction cost estimate will also be important as a voter referendum would likely be needed to fund the construction of a new Library facility. The General Fund does not have sufficient fund balance to afford a project of this size, so a new bond election would likely be needed to fund the construction of a new library. Staff is seeking opportunities for grant funding for this project, but any grant secured will likely require a local match.

Alternatives and Engagement:

If Council does not wish to pursue design of a new Library facility, the City will be unable to plan and budget for a new Library. The Library would continue to operate in the same outdated facility. Maintenance and repair costs to maintain the building would continue to grow due to more wear and tear and inefficient systems from an older building.

As part of the design work, community input would be sought to inform the design of the Library.

Anticipated Project Expenditures and Timeline:

FY 2022 Expenditures	Budget Carry Forward Estimate	10/01/2022 – 9/30/2023	10/01/2023 – 9/30/2024	10/01/2024 – 9/30/2025	10/01/2025 – 9/30/2026	10/01/2026 – 9/30/2027
\$ 0	\$ 0	\$ 0	\$ 250,000	\$ 0	\$ 11,000,000	\$ 0

Project Funding:

General Fund	Enterprise	Bond	Metro Sales Tax	Grants	Anticipated Grant Funding	Total
\$ 11,250,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 11,250,000

Estimated Annual Operating Budget Impact:	
O&M	\$ 0
Labor	\$ 0
Other	\$ 0
Total	\$ 0

The design for a new Library facility is a one-time cost with no operating budget impact. Constructing the Library is not anticipated to require additional operating budget dollars as there is already an operating budget for the Library facility (i.e. utilities, maintenance, and janitorial services). It is likely that a new Library would see a budget savings as the new design would be more energy efficient, reducing utility costs, and less maintenance would be needed for the new facility.

City of Bellaire FY 2023-2027 Capital Improvement Plan

Project ID: PAXXX

Project Name: City Hall/ EOC Generator

Managing Department: Parks, Recreation and Facilities

Total Estimated Cost: \$ 639,343

Category: Parks, Recreation and Facilities

Urgency: Continuity of Government

Core Values: Community Governance Infrastructure Public Safety Quality of Life Land Use & Zoning

Project Description:

This project is to install a 500kW generator and automatic transfer switch for Bellaire City Hall at 7008 South Rice. Minor modification would be required to existing conduits and wiring to City Hall. A new larger concrete support slab would be provided for the new generator as well. The project scope also includes engineering services to design the improvements necessary to install the generator. This project is contingent on grant funding, with up to \$479,507 being reimbursed by the Texas Division of Emergency Management (TDEM) via the Federal Hazard Mitigation Grant Program. The grant is pending, and the project would not move forward without the grant funding being secured. The project is estimated to take twenty-seven weeks from design to closeout.

Justification:

The generator currently located at City Hall is insufficient under emergency conditions and extended power outages. The generator is needed to run an emergency operations center (EOC) out of City Hall. Public Works (PW) would manage their emergency operations out of City Hall, which is needed because PW operates out of a trailer in the flood plain (4337 Edith Street) and cannot operate during flood and power loss events. Public Works' Edith Street facility has had loss of service with multiple events including Hurricane Harvey and Winter Storm Uri. During Hurricane Harvey, the flooding was so significant, Public Works was unable to provide emergency response to water, wastewater, and drainage issues.

The City has experienced many electric power outages in the past that have been extremely disruptive to community activities because of their frequency, extent, and duration. The number of weather-related outages has been increasing over the years due to more frequent extreme weather events and the deterioration of the power grid. Public Works needs an EOC location with emergency power to function during these events. Due to these multiple events the City is proposing moving the Public Works Emergency Operations to City Hall, which requires a larger generator to be able to function as an EOC.

Alternatives and Engagement:

The grant has not yet been awarded and Council has no legal obligation to proceed with the project. If Council wishes to cancel this project, Renwick Well would continue to be at risk of losing operation during power outages. Another alternative would be to rely on a portable generator, which is less reliable since there may be difficulty in deploying a portable generator in an emergency weather event.

The public does not directly interface with Renwick Well, so no other engagement is planned.

Anticipated Project Expenditures and Timeline:

FY 2022 Expenditures	FY 2022 Carry Forward Estimate	10/01/2022 – 9/30/2023	10/01/2023 – 9/30/2024	10/01/2024 – 9/30/2025	10/01/2025 – 9/30/2026	10/01/2026 – 9/30/2027
\$ 0	\$ 0	\$ 0	\$ 639,343	\$ 0	\$ 0	\$ 0

Project Funding:

General Fund	Enterprise	Bond	Metro Sales Tax	Grants	Anticipated Grant Funding	Total
\$ 0	\$ 159,836	\$ 0	\$ 0	\$ 0	\$ 479,507	\$ 639,343

Estimated Annual Operating Budget Impact:	
O&M	\$ 2,000
Labor	\$ 0
Other	\$ 0
Total	\$ 2,000

The new generator is will require regular maintenance and fuel, estimated at an annual cost of \$2,000.

City of Bellaire FY 2023-2027 Capital Improvement Plan

Project ID: PAXXX

Project Name: Citywide Tennis Court Lighting

Managing Department: Parks, Recreation and Facilities

Total Estimated Cost: \$ 120,000

Category: Parks, Recreation and Facilities

Urgency: Operational Savings/ Value Enhancement

Core Values: Community Governance Infrastructure Public Safety Quality of Life Land Use & Zoning

Project Description:

This project would replace outdated light fixtures at the City's tennis courts with more energy efficient LED lighting in FY 2025. The new LED lighting is both more energy efficient, and brighter, requiring fewer light fixtures to get better lighting. The new LED lights would be installed at the three tennis courts at Mulberry Park (700 Mulberry Lane), two tennis courts at Feld Park (6406 Avenue B), and the three tennis courts at Bellaire-Zindler Park (7008 5th Street). Between now and FY 2025, staff will apply for grants to support this project. In FY 2022, the City secured a grant from the State Energy Conservation Office that paid for eighty percent of the LED lighting retrofit of the Recreation Center.

Justification:

Converting outdated light fixtures to more energy efficient LED lighting is anticipated to save the City money in the long-term as the LED lights would use less electricity. LED lighting would also provide better lighting for park patrons.

Alternatives and Engagement:

If Council wishes to delay or cancel this project, it would not impact current operations. The less energy efficient lighting would continue to be used and the City would not benefit from the energy savings of the more efficient LED lighting.

Parks staff will engage tennis court users on the improvements to be made, especially regarding any construction schedules. Additionally, the Parks and Recreation Citizens Advisory Board, which is advocating for this project, will be kept apprised on the project's progress.

Anticipated Project Expenditures and Timeline:

FY 2022 Expenditures	Budget Carry Forward Estimate	10/01/2022 – 9/30/2023	10/01/2023 – 9/30/2024	10/01/2024 – 9/30/2025	10/01/2025 – 9/30/2026	10/01/2026 – 9/30/2027
\$ 0	\$ 0	\$ 0	\$ 0	\$ 120,000	\$ 0	\$ 0

Project Funding:

General Fund	Enterprise	Bond	Metro Sales Tax	Grants	Anticipated Grant Funding	Total
\$ 120,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 120,000

Estimated Annual Operating Budget Impact:	
O&M	\$ 0
Labor	\$ 0
Other	\$ 0
Total	\$ 0

This project is not anticipated to have a negative operating budget impact and should save the City of Bellaire money on utilities. The lighting improvements made through this project will be maintained through the existing Parks maintenance budget. The more energy efficient lighting is anticipated to reduce costs for electricity, but staff has been unable to estimate the potential cost savings.

City of Bellaire FY 2023-2027 Capital Improvement Plan

Project ID: PAXXX

Project Name: Feld Park Improvements

Managing Department: Parks, Recreation and Facilities

Total Estimated Cost: \$ 1,150,000

Category: Parks, Recreation and Facilities

Urgency: Operational Savings/ Value Enhancement

Core Values: Community Governance Infrastructure Public Safety Quality of Life Land Use & Zoning

Project Description:

This project is for the design and construction of an overhaul of Feld Park, located at 6406 Avenue B. The project would start in FY 2025 with conceptual design plans at an estimated cost of \$50k. Conceptual plans would assess the overall condition and assess the layout of how the park. This would be done in part by interviewing Feld Park users and Parks staff to determine current and future needs and then provide a high-level concept that programs space in the park for certain uses/activities. Improvements may include a new playground, parking lot, lighting, security, ballfield, and tennis courts. Subsequently in FY 2026, an architect would take this space planning study to design the overhaul of Feld Park, with details such as a plan for drainage and designs for bathrooms and parking areas. This design work is estimated to cost \$100k and would generate detailed construction cost estimates and provide specification that could be used to bid out future construction work. Council would then have detailed plans and cost estimates to determine if they wish to pursue renovation of Feld Park. Actual renovation work could begin in FY 2027 and is currently estimated by the Parks and Recreation Advisory Board to cost \$1M; this is a rough estimate that could significantly change depending on what elements are contained in the park.

Justification:

This project is part of an overall strategy for continuous improvement to City parks. This project would make improvements to Feld Park that would make it more attractive and better serve the needs of the community.

Alternatives and Engagement:

There would be no short-term impacts to City operations if this project was delayed or canceled. Feld Park is currently open and enjoyed by City residents on a daily basis. However, if no improvements are made to Feld Park, over time the current facilities will degrade and the park will become less attractive, and likely visited by fewer and fewer residents. Just like buildings, parks must periodically be updated to address recurring maintenance issues and to ensure that it is able to meet the current and future demands of its users.

Parks staff will engage the residents around Feld Park on the improvements to be made, especially regarding any construction schedules. Additionally, the Parks and Recreation Citizens Advisory Board, which is advocating for this project, will be kept apprised on the project's progress.

Anticipated Project Expenditures and Timeline:

FY 2022 Expenditures	Budget Carry Forward Estimate	10/01/2022 – 9/30/2023	10/01/2023 – 9/30/2024	10/01/2024 – 9/30/2025	10/01/2025 – 9/30/2026	10/01/2026 – 9/30/2027
\$ 0	\$ 0	\$ 0	\$ 0	\$ 50,000	\$ 100,000	\$ 1,000,000

Project Funding:

General Fund	Enterprise	Bond	Metro Sales Tax	Grants	Anticipated Grant Funding	Total
\$ 1,150,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 1,150,000

Estimated Annual Operating Budget Impact:	
O&M	\$ 2,000
Labor	\$ 0
Other	\$ 0
Total	\$2,000

Once constructed, Parks staff estimates that the Feld Park improvements will require an additional \$2,000 annually in the Parks maintenance budget due to new landscaping and amenities that will need to be maintained.

City of Bellaire FY 2023-2027 Capital Improvement Plan

Project ID: PA2307

Project Name: Fire Station Chiller

Managing Department: Parks, Recreation and Facilities

Total Estimated Cost: \$ 260,000 (FY22 dollars)

Category: Parks, Recreation and Facilities

Urgency: Continuity of Government

Core Values: Community Governance Infrastructure Public Safety Quality of Life Land Use & Zoning

Project Description:

This project is to install a second chiller at the Bellaire Fire Department at 5101 Jessamine Street. Staff is recommending that a second chiller be installed at the Fire Station to provide redundancy in the HVAC system. Chillers are essential to the operation of many of Bellaire's buildings, such as the Fire Station, Recreation Center, City Hall, and Police/ Municipal Courts building. The concern is if the current chiller goes down there is no way to properly cool the Fire Station. Unfortunately, it may take weeks/months to secure parts to repair the chiller and if the current chiller ever become irreparable the Fire Station will be without air conditions for months. When constructing the Police-Municipal Courts building an additional chiller was installed providing the necessary redundancy to ensure continuous operation of services. Given the current economic climate, staff anticipates it would take six to eight months to receive the chiller once ordered. The project would require a sound wall and noise reduction blanks similar to what was built around the current chiller to ensure neighbors are not disrupted when the secondary chiller is in use.

Justification:

The second chiller is needed for redundancy in a critical building that operates twenty-four hours a day, seven days a week. If the current chiller goes down, the building cannot be cooled. In the past couple of years, the Fire Station chiller has gone down on multiple occasions, often during the summer when the warm weather puts the most strain on the system and when cooling is needed most, with the longest period of time being 12 hours. Having a second chiller is imperative to operating a 24-hour facility, especially one where fire fighters sleep. Comparatively, the Police Station operates as a 24-hour facility and has two chillers for redundancy.

When the chiller goes down, it is not only the Fire Department's operations that are impacted. The Fire Station operates houses Bellaire's Emergency Operations Center (EOC). Under the EOC activation, the Fire Station houses an increase in staff not just from the Fire Department but from other city departments as well. It is standard practice for EOC's to have redundant systems like generators and chillers so that the facility can continue to operate in extreme conditions. The chiller system is also important because the Fire Station houses the City of Bellaire city wide computer servers. The loss of the cooling system could contribute to a buildup of heat and potentially cause irreparably damages to the computer servers, losing data and hampering life-saving operations.

Alternatives and Engagement:

If a second chiller is not installed, the Fire Station will continue to periodically be without cooling. Delaying the project would only prolong this issue. If available, the COB could rent a chiller at a delivery and installation rate (as of June 2022) of \$12,000 plus \$3,600 per month. This is only if a temporary chiller is available.

Facility staff would coordinate with Fire Station staff on the project to ensure minimal disruption to regular operations. No public engagement is anticipated for this project as the Fire Station HVAC is not normally accessed by the public.

Anticipated Project Expenditures and Timeline:

FY 2022 Expenditures	Budget Carry Forward Estimate	10/01/2022 – 9/30/2023	10/01/2023 – 9/30/2024	10/01/2024 – 9/30/2025	10/01/2025 – 9/30/2026	10/01/2026 – 9/30/2027
\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 260,000

Project Funding:

General Fund	Enterprise	Bond	Metro Sales Tax	Grants	Anticipated Grant Funding	Total
\$ 260,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 260,000

Estimated Annual Operating Budget Impact:	
O&M	\$ 2,500
Labor	\$ 2,500
Other	\$ 0
Total	\$ 5,000

The \$5,000 estimated operating budget impact is based on the preventative maintenance contract for the City's chiller systems being increased due to another chiller needing to be serviced. Estimated capital cost is based on August 2022 costs.

City of Bellaire FY 2023-2027 Capital Improvement Plan

Project ID: PAXXXX

Project Name: Holly Street Esplanade

Managing Department: Parks, Recreation and Facilities

Total Estimated Cost: \$ 150,000

Category: Parks, Recreation and Facilities

Urgency: Operational Savings/ Value Enhancement

Core Values: Community Governance Infrastructure Public Safety Quality of Life Land Use & Zoning

Project Description:

This project would complete improvements to the esplanade/median on Holly Street, from South Rice Avenue to the 610 Service Road. The first phase of the Holly Street trail was completed in FY 2015. Residents living on Holly Street were told a second phase would take place to complete enhancements on the esplanade. Phase two would complete the planned esplanade improvements and include path improvements, curb ramps that comply with Americans with Disabilities Act standards, as well as planting and irrigation to complete the landscaping in the original plan.

Justification:

Phase two would complete the project as promised to residents living on Holly Street.

Alternatives and Engagement:

There would be no impact on City operations if this project was delayed or canceled, though Holly Street residents may be disappointed. Holly Street is currently walkable, and residents are able to use the esplanade.

Parks staff will engage the residents on and around Holly Street on the esplanade improvements to be made, especially regarding any construction schedules. Additionally, the Parks and Recreation Citizens Advisory Board, which is advocating for this project, will be kept apprised on the project's progress.

Anticipated Project Expenditures and Timeline:

FY 2022 Expenditures	Budget Carry Forward Estimate	10/01/2022 – 9/30/2023	10/01/2023 – 9/30/2024	10/01/2024 – 9/30/2025	10/01/2025 – 9/30/2026	10/01/2026 – 9/30/2027
\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 150,000	\$ 0

Project Funding:

General Fund	Enterprise	Bond	Metro Sales Tax	Grants	Anticipated Grant Funding	Total
\$ 150,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 150,000

Estimated Annual Operating Budget Impact:	
O&M	\$ 1,000
Labor	\$ 0
Other	\$ 0
Total	\$ 1,000

Parks staff estimates that the Holly Street Esplanade improvements will require an additional \$1,000 annually in the Parks maintenance budget due to new landscaping and amenities that will need to be maintained.

City of Bellaire FY 2023-2027 Capital Improvement Plan

Project ID: PAXXX

Project Name: Loftin Park Improvements

Managing Department: Parks, Recreation and Facilities

Total Estimated Cost: \$ 120,000

Category: Parks, Recreation and Facilities

Urgency: Operational Savings/ Value Enhancement

Core Values: Community Governance Infrastructure Public Safety Quality of Life Land Use & Zoning

Project Description:

This project is to plant additional trees in Loftin Park and provide the irrigation necessary to sustain the grass and new trees. Loftin Park is part of the Bellaire Town Square Park complex at 7008 South Rice Avenue.

Justification:

The installation of the trees would beautify Loftin Park and provide shade to park users. The irrigation system will ensure the health and longevity of the trees and surrounding vegetation.

Alternatives and Engagement:

If Council decides to delay or cancel this project, there would be no impact on current operations.

Parks staff will engage the residents around Loftin Park on the improvements to be made, especially regarding any construction schedules. Additionally, the Parks and Recreation Citizens Advisory Board, which is advocating for this project, will be kept apprised on the project's progress.

Anticipated Project Expenditures and Timeline:

FY 2022 Expenditures	Budget Carry Forward Estimate	10/01/2022 – 9/30/2023	10/01/2023 – 9/30/2024	10/01/2024 – 9/30/2025	10/01/2025 – 9/30/2026	10/01/2026 – 9/30/2027
\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 120,000	\$ 0

Project Funding:

General Fund	Enterprise	Bond	Metro Sales Tax	Grants	Anticipated Grant Funding	Total
\$ 120,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 120,000

Estimated Annual Operating Budget Impact:	
O&M	\$ 1,000
Labor	\$ 0
Other	\$ 0
Total	\$ 1,000

Parks staff estimates that the Loftin Park improvements will require an additional \$1,000 annually in the Parks maintenance budget due to new landscaping and amenities that will need to be maintained.

City of Bellaire FY 2023-2027 Capital Improvement Plan

Project ID: PA2301

Total Estimated Cost: \$250,000

Project Name: Mulberry Park Parking Lot

Category: Parks, Recreation, & Facilities

Managing Department: Parks, Recreation, and Facilities

Urgency: Operational Savings/ Value Enhancement

Core Values: Community Governance Infrastructure Public Safety Quality of Life Land Use & Zoning

Project Description:

Mulberry Park (700 Mulberry Lane) has an asphalt and a gravel parking lot, both of which are in poor condition and need improvements. The parking areas are on the east side of the park, within the CenterPoint Energy utility easement. Since the parking lots are located in the easement, the City of Bellaire will need to provide engineered design drawings before the city can move forward with reconstructing the parking areas. Based on feedback from Council at its August 15, 2022 budget workshop, the project is being delayed to learn more about potential trail amenity improvements along the CenterPoint easement. The trail improvements are being funded and constructed by Harris County. If proposed trail improvements do not impact the parking lot site, the engineering work would begin as early as FY2024 and actual parking lot improvements would be done in FY 2025. The gravel parking lot can be improved with the installation of a GeoWeb material and decompose granite providing a strong structurally sound parking lot. The project would also require a drainage plan to ensure it does not negatively impact Bellaire residents.

Justification:

With the recent improvements to Mulberry Park over the past six years, the park has experienced a tremendous increase in usage. The parking lot in Mulberry Park is in poor condition and needs significant improvements. Staff is doing annual maintenance on the parking area in the form of small patch jobs; as the parking lot ages it will continue to deteriorate, meaning this annual maintenance budget will increase until it is reconstructed.

During the peak of the COVID pandemic parks proved to be essential to the quality of life for Bellaire residents. Parks increase the property value of home and is a primary space for resident interactions and community gatherings. A well-maintained park may positively influence the perspective of how well the City of Bellaire serves its citizens.

Alternatives and Engagement:

The alternative is to continue utilizing the parking areas in their current condition and making annual repairs. However, these annual repairs are becoming larger and more costly as the facility continues to deteriorate.

The Parks and Recreation Advisory Board is engaged in all Parks capital improvements planning and is in support of this project.

Anticipated Project Expenditures and Timeline:

FY 2022 Expenditures	FY22 Carry Forward Estimate	10/01/2022 – 9/30/2023	10/01/2023 – 9/30/2024	10/01/2024 – 9/30/2025	10/01/2025 – 9/30/2026	10/01/2026 – 9/30/2027
\$ 0	\$ 0	\$ 0	\$ 50,000	\$ 200,000	\$ 0	\$ 0

Project Funding:

General Fund	Enterprise	Bond	Metro Sales Tax	Grants	Anticipated Grant Funding	Total
\$ 250,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 250,000

Estimated Annual Operating Budget Impact:	
O&M	\$ 0
Labor	\$ 0
Other	\$ 0
Total	\$ 0

This project is not anticipated to have significant operating budget impacts. This project would enhance existing park infrastructure that the City already budgets to maintain.

City of Bellaire FY 2023-2027 Capital Improvement Plan

Project ID: PAXXXX

Project Name: Recreation Center Renovations

Managing Department: Parks, Recreation and Facilities

Total Estimated Cost: \$ 1,250,000

Category: Parks, Recreation and Facilities

Urgency: Operational Savings/ Value Enhancement

Core Values: Community Governance Infrastructure Public Safety Quality of Life Land Use & Zoning

Project Description:

This project is to design and then renovate the Bellaire Recreation Center at 7008 5th Street. The project would start in FY 2024 with space planning at an estimated cost of \$50k. Previous conceptual space planning was completed by PGAL but more details are necessary and would include the interviewing of Recreation Center users and staff to determine current and future needs to generate a detailed facility concept that programs space in the building for certain uses/activities. If Council approves the concept, in FY 2025 an architect would take this space planning study to complete construction designs for a Recreation Center renovation. Construction design work is estimated to cost \$250k and would generate detailed construction cost estimates and provide specification that could be used to bid future construction work. Council would then have detailed plans and cost estimates to determine if they wish to pursue renovation of the Recreation Center. Actual renovation work could begin in FY 2026 and is currently estimated by the Parks and Recreation Advisory Board to cost \$1,000,000; this is a rough estimate that could change depending on a wide variety of variables such as renovations, technology, ADA modifications, resistance to flooding, construction methodology, etc.

Justification:

The Recreation Center is over thirty years old and does not meet ADA standards, nor does the facility meet the current needs of the users. The current building is outdated and requires more maintenance and utility cost than a more modern and efficient building. This initial space planning and design work is a nominal investment to help Council decide if it wants to invest in upgrades to the Recreation Center. This design work is needed because Council does not have enough information to provide good direction on the future of the Recreation Center. Without a good construction estimate, the City cannot appropriately budget for a facility renovation, nor can it decide the cost is too expensive and direct staff to seek alternatives.

Alternatives and Engagement:

If Council does not wish to pursue design of a Recreation Center renovation, the City will be unable to plan and budget for a renovation of the Recreation Center. The Recreation Center would continue to operate, but be inefficient in meeting the needs of its users. Maintenance and repair costs to maintain the building would continue to grow due to more wear and tear and inefficient systems from an older building.

As part of the design work, community input would be sought to inform the design of the Recreation Center. Additionally, the Parks and Recreation Citizens Advisory Board is in support of this project and will be kept apprised of its progress.

Anticipated Project Expenditures and Timeline:

FY 2022 Expenditures	Budget Carry Forward Estimate	10/01/2022 – 9/30/2023	10/01/2023 – 9/30/2024	10/01/2024 – 9/30/2025	10/01/2025 – 9/30/2026	10/01/2026 – 9/30/2027
\$ 0	\$ 0	\$ 0	\$ 50,000	\$ 200,000	\$ 1,000,000	\$ 0

Project Funding:

General Fund	Enterprise	Bond	Metro Sales Tax	Grants	Anticipated Grant Funding	Total
\$ 1,250,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 1,250,000

Estimated Annual Operating Budget Impact:	
O&M	\$ 0
Labor	\$ 0
Other	\$ 0
Total	\$ 0

The design for the Recreation Center renovation is a one-time cost with no anticipated operating budget impact. Renovating the Recreation Center is not anticipated to require additional operating budget dollars as there is already an operating budget for the Recreation Center facility (i.e. utilities, maintenance, and janitorial services).

Project ID and Name		Funding	Overview				
N/A	CITY WIDE SCADA SYSTEM	Enterprise	Upgrade of treatment plant controls and monitoring/ alarm system.				
WA2101	Citywide Well Rehab	Enterprise	Address deferred maintenance at the City's three water production sites. Includes well and storage infrastructure.				
WA2202	Fire Hydrant Rehabilitation and Replacement	Bond	In FY21 the Fire and Public Works Departments began an inventory update and condition assessment of the City's more than 800 fire hydrants to identify those in need of service, repair or replacement.				
WA2203	Water Distribution System Valve Improvements	Bond	Replacement of poorly functioning or non functional water distribution system valves throughout the waterline system.				
WA2204	Update to 2015 Utility Infrastructure Report	Bond	Update to 2015 Utility Infrastructure Study to forecast system deficiencies and program capital projects to address the deficiencies before they become failures.				
WA2205	Priority Water Line Improvements ¹	Bond	BBB16 Group A Phase 3, Water and Wastewater Lines - Replace forty blocks of waterline infrastructure that has reached the end of its 30 to 50-year useful service life, subject to grant funding secured. This is the package 1 of 2 for the third and final phase of the BBB16 water line program. These lines are designed, but contingent upon grant funding.				
WA2206	Distribution Systems Improvements / BBB16	Bond	BBB16 Group A Phase 3, Water and Wastewater Lines- Replace thirty blocks of waterline infrastructure that has reached the end of its 30 to 50-year useful service life. This is the package 2 of 2 for the third and final phase of the BBB16 water line program.				
WA2207	Feld Park Well Generator	Enterprise, Secured Grant	Generator to continue water production during emergencies/ prolonged power outages.				
WA2301	Annual Utility Infrastructure Management Program (water)	Enterprise	The purpose of this ongoing program is to provide contractual services to address heavy maintenance water system issues that are beyond the capabilities of the department.				
WAXXXX	Renwick Well Generator ²	Enterprise	Generator for emergency power supply to keep Renwick Well operational during power outages.				
WW2202	Wastewater Collection System	Bond	Replacement of identified wastewater collection lines.				
WW2203	Wastewater Treatment Plant Fine Screen Replacement	Bond, Enterprise	Replacement of 2 fine screen filter systems at wastewater treatment plant.				
WW2301	Annual Utility Infrastructure Management Program (wastewater)	Enterprise	The purpose of this ongoing program is to provide contractual services to address heavy maintenance wastewater system issues that are beyond the capabilities of the department.				
WW2302	Wastewater Treatment Plant Capital Maintenance	Bond, Enterprise	Address deferred maintenance at the City's wastewater treatment plant.				
WW2303	Citywide Lift Station Rehab	Bond, Enterprise	Address deferred maintenance at the City's three lift stations that bring wastewater to the treatment plant.				

Please Note: All figures below are estimates as of 2022 and are in 2022 dollars not adjusted for inflation.

Appropriation decisions apply ONLY to the FY 2023 project items. Future years are for planning purposes only.

Project ID and Name		FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Project Total
N/A	CITY WIDE SCADA SYSTEM	\$ 275,391	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 275,391
WA2101	Citywide Well Rehab	\$ 439,927	\$ 0	\$ 0	\$ 700,000	\$ 700,000	\$ 700,000	\$ 2,539,927
WA2202	Fire Hydrant Rehabilitation and Replacement	\$ 100,000	\$ 100,000	\$ 100,000	\$ 0	\$ 0	\$ 0	\$ 300,000
WA2203	Water Distribution System Valve Improvements	\$ 195,000	\$ 248,000	\$ 232,000	\$ 0	\$ 0	\$ 0	\$ 675,000
WA2204	Update to 2015 Utility Infrastructure Report	\$ 100,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 100,000
WA2205	Priority Water Line Improvements ¹	\$ 436,000	\$ 0	\$ 600,000	\$ 0	\$ 0	\$ 0	\$ 818,000
WA2206	Distribution Systems Improvements / BBB16	\$ 3,500,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 3,500,000
WA2207	Feld Park Well Generator	\$ 240,291	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 240,291
WA2301	Annual Utility Infrastructure Management Program (water)	\$ 0	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 750,000
WAXXXX	Renwick Well Generator ²	\$ 0	\$ 0	\$ 164,284	\$ 0	\$ 0	\$ 0	\$ 164,284
WW2202	Wastewater Collection System Improvements	\$ 356,500	\$ 0	\$ 275,000	\$ 0	\$ 0	\$ 0	\$ 631,500
WW2203	Wastewater Treatment Plant Fine Screen Replacement	\$ 95,000	\$ 277,943	\$ 0	\$ 0	\$ 0	\$ 0	\$ 372,943
WW2301	Annual Utility Infrastructure Management Program (wastewater)	\$ 0	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 750,000
WW2302	Wastewater Treatment Plant Capital Maintenance	\$ 0	\$ 286,000	\$ 220,000	\$ 275,000	\$ 275,000	\$ 110,000	\$ 1,166,000
WW2303	Citywide Lift Station Rehab	\$ 0	\$ 15,000	\$ 18,000	\$ 15,000	\$ 0	\$ 0	\$ 48,000
Total		\$ 5,738,109	\$ 1,226,943	\$ 1,909,284	\$ 1,290,000	\$ 1,275,000	\$ 1,110,000	\$ 12,331,336

1.) Project is contingent upon securing pending grant funding. \$782k anticipated in FY23 and \$2.4M in FY24.

2.) Project is contingent upon securing pending grant funding. \$493k anticipated in FY24.

City of Bellaire FY 2023-2027 Capital Improvement Plan

Project ID: N/A

Project Name: Citywide SCADA System

Managing Department: Public Works

Total Estimated Cost: \$ 275,391

Category: Utilities

Urgency: Operational Savings/ Value Enhancement

Core Values: Community Governance Infrastructure Public Safety Quality of Life Land Use & Zoning

Project Description:

Supervisory Control and Data Acquisition (SCADA) is a system of software and hardware elements used to monitor and control field devices at remote sites. In Bellaire, SCADA would be used to monitor various systems and mechanisms in the City's water/wastewater utility at wells, lift stations, pumps, and the treatment plant. Once all phases of this project are complete, Public Works staff will be able to operate all water and wastewater facilities remotely from the wastewater treatment plant through the SCADA software system. Without a SCADA system, staff would have to make manual changes at the various water and wastewater locations city-wide. Phase 1 of the project set up communications from the wastewater treatment plant to all water plant wells. Phase 2 set up communications from the wastewater treatment plant to the lift stations. Staff is currently working on Phase 3, which will bring the wastewater treatment plant on the SCADA system. A consultant is currently evaluating the systems at the treatment plant and designing the specifications to bring the treatment plant onto the SCADA system.

Justification:

The SCADA system will allow for improved staff efficiency and quicker response times if there are problems at the wells, lift stations or wastewater treatment plant. Without a SCADA system, staff would not be aware of an issue until they made an in-person inspection and would have to make manual changes at the various water and wastewater locations city-wide. This would require more staff to make these inspections and the problem may not be discovered for many hours or even days. In this scenario, sometimes the reason staff discovered a problem was due to citizens calling about service outages. With the new SCADA system, staff can be more proactive and potentially reduce service outage periods.

Alternatives and Engagement:

Council has already approved work to implement SCADA communications between the wells and lift stations to the wastewater treatment plant. Delaying implementation of Phase 3 to bring the treatment plant onto the SCADA system would delay the benefits discussed above. If Council wishes to cancel the project, staff would be forced to return to in-person inspections and adjustments.

The SCADA system does not directly impact the public, so no engagement is planned.

Anticipated Project Expenditures and Timeline:

FY 2022 Expenditures	FY 2022 Carry Forward Estimate*	10/01/2022 – 9/30/2023	10/01/2023 – 9/30/2024	10/01/2024 – 9/30/2025	10/01/2025 – 9/30/2026	10/01/2026 – 9/30/2027
\$ 8,769	\$ 266,622	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0

*Carry Forward Estimate based on the FY 2022 Budget, less year-to-date expenses as of May 01, 2022.

Project Funding:

General Fund	Enterprise	Bond	Metro Sales Tax	Grants	Anticipated Grant Funding	Total
\$ 0	\$ 275,391	\$ 0	\$ 0	\$ 0	\$ 0	\$ 275,391

Estimated Annual Operating Budget Impact:	
O&M	\$ 0
Labor	\$ 0
Other	\$ 0
Total	\$ 0

SCADA service fees have already been budgeted for the wells and lift stations. Additional SCADA fees from bringing the wastewater treatment plant online have not yet been estimated and will be addressed through the FY 2024 budget process.

City of Bellaire FY 2023-2027 Capital Improvement Plan

Project ID: WA2101

Project Name: Citywide Well Rehab

Managing Department: Public Works

Total Estimated Cost: \$ 2,539,927

Category: Utilities

Urgency: Continuity of Government

Core Values: Community Governance Infrastructure Public Safety Quality of Life Land Use & Zoning

Project Description:

This project addresses years of deferred maintenance at the City's three wells (Central, Feld Park, and Renwick). The City's wells are used to pump fresh water out of the aquifer, which is then treated and delivered to Bellaire homes and businesses. The pumping and filtration mechanisms associated with each well need regular maintenance and periodic replacement. Some of this needed maintenance/replacement has been deferred in the past years and can no longer be ignored. Currently, the Feld Park Well is down due to damage to the shaft and booster pump. After this is repaired and the Feld Park Well is operational again, the valves and pumps at the other wells will be serviced/replaced. Additionally, the monitoring systems that analyze the water for contaminants and report on water pressure or mechanical issues is aging and needs to be upgraded. Each well site will get a modern analyzer upgrade to better monitor the health of each well and ensure the public receives safe, clean water. Starting in FY 2025, the water tanks at each site will be resurfaced and painted (inside and out, \$700k per site), consistent with recommended maintenance of tank infrastructure of this age and type.

Justification:

Wells are a critical part of the City's water infrastructure system. If the wells go down, the City is unable to produce water and must buy more expensive water from the City of Houston. Additionally, the well pumps are a critical component in the Bellaire's Fire Department's ability to effectively fight fires as the Fire Department relies heavily on the use of elevated storage tanks to provide ample storage and constant pressure over the City's flat topography. The well's function of regulating water pressure is important to ensuring reliable water to the City's hospital and other multi-story buildings.

This project is also important because it addresses deferred maintenance at the City's water production sites. Deferred maintenance creates a nasty feedback loop because as necessary upgrades/replacements have been postponed, system failures have been increasing at a greater volume and frequency. Deferred maintenance keeps equipment in place past its useful life and staff naturally must spend more time repairing something that should have been replaced. This means the Utility team has been forced to react to one system failure after another, with less focus on preventive maintenance, leading to more system failures. A similar analogy would be if your car kept breaking down due to engine issues, so you neglected rotating your car's tires. You may eventually get the engine fixed, but the car breaks down again because the tires are worn out.

Alternatives and Engagement:

Delaying this project means further delays to necessary repair/replacement of critical well mechanisms. This would result in more expensive emergency repair/replacement when the wells fail. Additionally, this may cause the water utility to be unable to function, forcing the City to buy more expensive water from Houston.

Residents do not directly interact with the wells and should not be impacted by this project. The water system would continue to provide water to residents, buying more water from Houston to offset production shortfalls. Residents should not notice an interruption in their utility service, though they may see decreases in water pressure and quality.

Anticipated Project Expenditures and Timeline:

FY 2022 Expenditures	Budget Carry Forward Estimate*	10/01/2022 – 9/30/2023	10/01/2023 – 9/30/2024	10/01/2024 – 9/30/2025	10/01/2025 – 9/30/2026	10/01/2026 – 9/30/2027
\$ 35,211	\$ 404,716	\$ 0	\$ 0	\$ 700,000	\$ 700,000	\$ 700,000

*Carry Forward Estimate based on the FY 2022 Budget, less year-to-date expenses as of May 01, 2022.

Project Funding:

General Fund	Enterprise	Bond	Metro Sales Tax	Grants	Anticipated Grant Funding	Total
\$ 0	\$ 2,539,927	\$ 0	\$ 0	\$ 0	\$ 0	\$ 2,539,927

Estimated Annual Operating Budget Impact:	
O&M	\$ 0
Labor	\$ 0
Other	\$ 0
Total	\$ 0

The operating budget impacts from this project have not yet been calculated. However, it is anticipated that addressing this deferred maintenance will reduce the annual repair/replacement expenditures caused from systems breaking down.

City of Bellaire FY 2023-2027 Capital Improvement Plan

Project ID: WA2202

Project Name: Fire Hydrant Rehabilitation and Replacement

Managing Department: Public Works

Total Estimated Cost: \$300,000

Category: Utilities

Urgency: Fire-Life Safety

Core Values: Community Governance Infrastructure Public Safety Quality of Life Land Use & Zoning

Project Description:

In FY 2021 the Fire and Public Works Departments began an inventory update and condition assessment of the City's more than 800 fire hydrants to identify those in need of service, repair or replacement. Though the work is not complete, to date it is anticipated that an expenditure of \$100,000 per year over three years will address any deficiencies. This will require a specialist contractor to test and identify issues throughout the entire hydrant system. Work on this project did not progress as anticipated in FY 2022 due to procurement difficulties in finding a well-qualified vendor to do this work and a project manager to oversee the project.

Justification:

This project will repair or replace aging and defective fire hydrants, which are a critical piece of the City's public safety infrastructure. Bellaire operates both the water utility and fire protection service in the City, so Bellaire has sole responsibility for maintaining fire hydrants. If the hydrants are no longer functional, the City will have created an avoidable public safety risk. Inoperable hydrants mean fire fighters may not have access to water to fight fires, putting both life and property at risk.

Alternatives and Engagement:

Delaying this project means the fire hydrants are highly likely to fail, resulting in costly repairs. Additionally, if the hydrants fail to perform, this constitutes a public safety risk, as noted above. There is no alternative to maintaining the City's fire hydrants as there are state statutes governing hydrant requirements in areas of certain density.

The City will engage impacted residents throughout the process to keep them informed and to minimize impacts on their lives. Before work begins, flyers will be distributed to impacted citizens to let them know of the pending work and a Bellaire project manager will regularly be on site to liaise with residents as needed.

Anticipated Project Expenditures and Timeline:

FY 2022 Expenditures	FY22 Carry Forward Estimate*	10/01/2022 – 9/30/2023	10/01/2023 – 9/30/2024	10/01/2024 – 9/30/2025	10/01/2025 – 9/30/2026	10/01/2026 – 9/30/2027
\$ 0	\$100,000	\$100,000	\$100,000	\$ 0	\$ 0	\$ 0

*Carry Forward Estimate based on the FY22 Budget, less year-to-date expenses as of May 01, 2022.

Project Funding:

General Fund	Enterprise	Bond	Metro Sales Tax	Grants	Anticipated Grant Funding	Total
\$ 0	\$ 0	\$ 300,000		\$ 0	\$ 0	\$ 0

Estimated Annual Operating Budget Impact:	
O&M	\$ 0
Labor	\$ 0
Other	\$ 0
Total	\$ 0

This project is to replace existing fire hydrants that already have basic preventative maintenance accounted for in the operating budget.

City of Bellaire FY 2023-2027 Capital Improvement Plan

Project ID: WA2203

Project Name: Water Distribution System Valve Improvements

Managing Department: Public Works

Total Estimated Cost: \$675,000

Category: Utilities

Urgency: Continuity of Government

Core Values: Community Governance Infrastructure Public Safety Quality of Life Land Use & Zoning

Project Description:

This project is to replace poorly functioning or nonfunctional water distribution system valves. These valves are used to control the flow or pressure in a distribution system, ensuring that water is able to make it from the storage location to the City's homes and businesses. The table to the right shows the current scope of work for the program, to be addressed from the top down, subject to available funding. When this project was initially identified, it was believed that it could be completed for \$300,000 over three years. However, more valves have been identified as critical to be replaced and the cost for valve replacement work has increased.

This project will require a specialist contractor to test and identify issues throughout the entire valve system. Work on this project did not progress as anticipated in FY 2022 due to procurement difficulties in finding a well-qualified vendor to do this work and a project manager to oversee the project.

Justification:

This project will repair or replace aging and defective valves, which are a critical piece of the City's water infrastructure, controlling flow and pressure in the pipes. If there is too little pressure, water is not delivered and if there is too much pressure, the pipes come apart. If the valves breakdown, the entire water distribution system may shutdown and can lead to very expensive emergency repairs. Additionally, a breakdown in the water delivery infrastructure may constitute a public health risk, especially as the water delivery system serves a hospital.

Alternatives and Engagement:

Delaying this project means the water distribution system valves are highly likely to fail, resulting in costly repairs. If the City no longer wishes to maintain its water infrastructure, Bellaire could enter into an interlocal agreement with the City of Houston to provide water/wastewater service to Bellaire residents instead of operating its own utility.

The City will engage impacted residents throughout the process to keep them informed and to minimize impacts on their lives. Before work begins, flyers will be distributed to impacted citizens to let them know of the pending work and a Bellaire project manager will regularly be on site to liaise with residents as needed.

Anticipated Project Expenditures and Timeline:

FY 2022 Expenditures	FY22 Carry Forward Estimate*	10/01/2022 – 9/30/2023	10/01/2023 – 9/30/2024	10/01/2024 – 9/30/2025	10/01/2025 – 9/30/2026	10/01/2026 – 9/30/2027
\$ 0	\$195,000	\$248,000	\$232,000	\$ 0	\$ 0	\$ 0

*Carry Forward Estimate based on the FY22 Budget, less year-to-date expenses as of May 01, 2022.

Project Funding:

General Fund	Enterprise	Bond	Metro Sales Tax	Grants	Anticipated Grant Funding	Total
\$ 0	\$ 0	\$ 675,000	\$ 0	\$ 0	\$ 0	\$ 675,000

Estimated Annual Operating Budget Impact:	
O&M	\$ 0
Labor	\$ 0
Other	\$ 0
Total	\$ 0

This project is to replace existing fire hydrants that already have basic preventative maintenance accounted for in the operating budget.

City of Bellaire FY 2023-2027 Capital Improvement Plan

Project ID: WA2204

Project Name: Update to 2015 Utility Infrastructure Report

Managing Department: Public Works

Total Estimated Cost: \$100,000

Category: Utilities

Urgency: Operational Savings/ Value Enhancement

Core Values: Community Governance Infrastructure Public Safety Quality of Life Land Use & Zoning

Project Description:

In 2015 ARKK Engineers performed an Infrastructure Study of Bellaire Utility Infrastructure. The 2015 Study recommended replacement of aging cast iron waterlines throughout the community as well as the replacement of the remaining older and failing wastewater infrastructure. Many of the identified repairs have been, or are scheduled to be, performed via the 2016 Bonds for Better Bellaire program. This project will serve to update the study so that any existing or forecasted system deficiencies can be identified. This reassessment of the system will then be used to determine what the next rounds of water and wastewater line replacement and upgrade should be. A key component of this will be to look at past practices relative to industry best practices to determine if other techniques like 'pipe bursting' or 'cured in place piping' are a good fit here in the City. Staff is developing an updated scope of work to use in procuring the most qualified firm to update the 2015 Study. Staff anticipates receiving bids from prospective firms in early FY 2023.

Justification:

This study is necessary as it will identify deficiencies in the City's water and wastewater infrastructure, which will be used to identify and prioritize what repairs/improvements need to be made to maintain the utility system. Without this information, the City will be forced to take a reactive approach to maintaining its utility infrastructure; it is cheaper and less disruptive to citizens to proactively repair infrastructure before it fails.

Alternatives and Engagement:

If the City does not undertake this study, it will not have accurate information on the conditions of its water and wastewater infrastructure. Staff will be unable to plan for future pipe replacements, meaning the pipes will deteriorate until they fail. This will likely result in an emergency repair that is more costly than a planned replacement. It will also result in a disruption to service.

This study will not have a direct impact on citizens.

Anticipated Project Expenditures and Timeline:

FY 2022 Expenditures	FY22 Carry Forward Estimate*	10/01/2022 – 9/30/2023	10/01/2023 – 9/30/2024	10/01/2024 – 9/30/2025	10/01/2025 – 9/30/2026	10/01/2026 – 9/30/2027
\$ 0	\$100,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0

*Carry Forward Estimate based on the FY22 Budget, less year-to-date expenses as of May 01, 2022.

Project Funding:

General Fund	Enterprise	Bond	Metro Sales Tax	Grants	Anticipated Grant Funding	Total
\$ 0	\$ 0	\$ 100,000		\$ 0	\$ 0	\$ 0

Estimated Annual Operating Budget Impact:	
O&M	\$ 0
Labor	\$ 0
Other	\$ 0
Total	\$ 0

This study is a one-time cost and does not directly impact the operating budget.

City of Bellaire FY 2023-2027 Capital Improvement Plan

Project ID: WA2205

Total Estimated Cost: \$ 4,000,000

Category: Utilities

Urgency: Operational Savings/ Value Enhancement

Project Name: Priority Water Line Improvements

Core Values: Community Governance Infrastructure Public Safety Quality of Life Land Use & Zoning

Project Description:

This project represents the third phase of waterline infrastructure improvements associated with the Bonds for Better Bellaire 2016 Program. The scope of work for this project includes the replacement of approximately 40 City blocks of waterline infrastructure that has reached, or is nearing, the end of its 30 to 50-year useful service life. This project is contingent on grant funding. \$782k was secured in the FY 2023 Federal Appropriation Act but is still pending award from the Environmental Protection Agency. Another \$2.4M is pending in the federal appropriation process and anticipated to be secured in FY 2024. Both of these grants are anticipated to require a twenty percent local match; \$218k has been budgeted for the \$782k grant and \$600k is budgeted in FY 2024 to match the \$2.4M grant. The project will be unable to progress until sufficient grant funding is secured. Depending on how much grant funding is secured, some or all of the following blocks of water lines would be replaced:

- 4700-5000 Evergreen
- 5100 Pocahontas Street
- 100 Berkshire Street
- 4700-4800 Holt Street
- 7200-7400 South Rice
- 4700-5000 Braeburn
- 4700-4800 Welford Drive
- 100 Ferndale Street
- 7500-7800 South Rice
- 4700-5000 Pine Street
- 100 Cherrywood Street
- 4700 Cedar
- 4600 Maple Street
- 100 Allendale Street
- 8100-8200 Englewood
- 1000 Pauline Avenue
- 4700-5000 Maple Street
- 4700-4800 Bellview Drive
- 100 Datonia Street
- 7500-7700 Second Street

Justification:

This project entails the replacement of cast iron waterlines that are 50 years in age or more. Most water line breaks and ruptures in Bellaire are associated with older cast iron waterline infrastructure. The older the cast iron lines get, the more brittle they become. Replacing these aging water lines improves system reliability for the residents of Bellaire and reduces operational costs associated with the remediation of emergency line breaks commonly associated with the cast iron lines.

Alternatives and Engagement:

Bellaire is statutorily responsible for maintaining the waterlines; the only alternatives to the project are to un-incorporate or to delay replacing the waterlines until they fail. Delaying the project will result in deferred maintenance, costing the City more in the long run.

The City would engage impacted residents throughout the process to keep them informed and to minimize impacts on their lives. Before work begins on a particular block, flyers would be distributed to citizens to let them know of the pending work and a Bellaire project manager would regularly be on site to liaise with residents. Digital communication to stakeholders would be coordinated through the City's Communications Manager.

Anticipated Project Expenditures and Timeline:

FY 2022 Expenditures	Budget Carry Forward Estimate*	10/01/2022 – 9/30/2023	10/01/2023 – 9/30/2024	10/01/2024 – 9/30/2025	10/01/2025 – 9/30/2026	10/01/2026 – 9/30/2027
\$ 0	\$ 218,000	\$ 782,000	\$ 3,000,000	\$ 0	\$ 0	\$ 0

*Carry Forward Estimate based on the FY 2022 Budget, less year-to-date expenses as of May 01, 2022.

Project Funding:

General Fund	Enterprise	Bond	Metro Sales Tax	Grants	Anticipated Grant Funding	Total
\$ 0	\$ 600,000	\$ 218,000		\$ 0	\$ 3,182,000	\$ 4,000,000

Estimated Annual Operating Budget Impact:	
O&M	\$ 0
Labor	\$ 0
Other	\$ 0
Total	\$ 0

The operating impact for this project has not yet been determined. It will have an operating cost savings as it will result in less maintenance to repair old waterlines.

City of Bellaire FY 2023-2027 Capital Improvement Plan

Project ID: WA2206

Project Name: Distribution Systems Improvements / BBB16

Managing Department: Public Works

Total Estimated Cost: \$3,500,000

Category: Streets & Drainage

Urgency: Operational Savings/ Value Enhancement

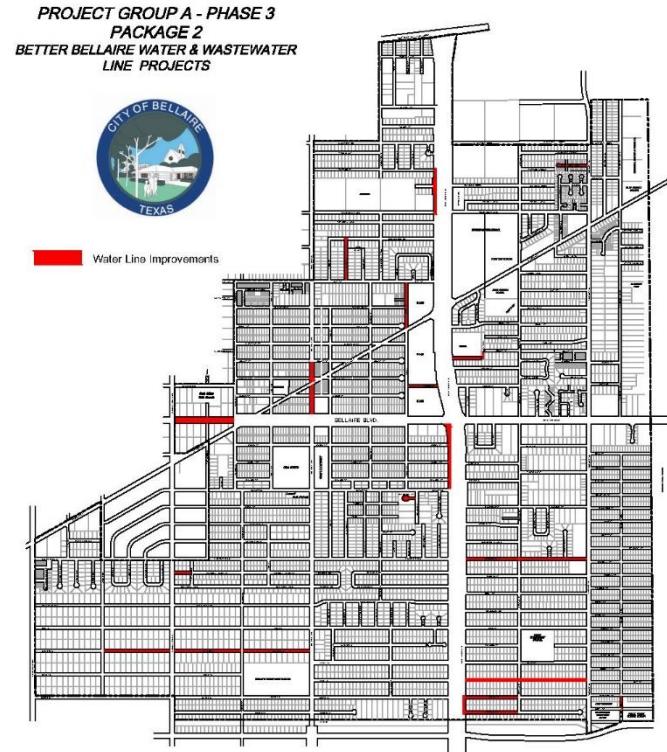
Core Values: Community Governance Infrastructure Public Safety Quality of Life Land Use & Zoning

Project Description:

This project represents the third phase of waterline infrastructure improvements associated with the Bonds for Better Bellaire 2016 Program. The scope of work for this project includes the replacement of approximately 30 City blocks of waterline infrastructure that has reached, or is nearing, the end of its 30 to 50-year useful service life. Work began on Linden Alley July 5, 2022; the project is estimated to take eighteen months and be completed before September 2024.

Justification:

This project entails the replacement of cast iron waterlines that are 50 years in age or more. Most water line breaks and ruptures in Bellaire are associated with older cast iron waterline infrastructure. The older the cast iron lines get, the more brittle they become. Upon completion of this work, the City will have replaced more than 12 miles (63,360 L.F.) of aged waterline infrastructure which improves system reliability for the residents of Bellaire and reduces operational costs associated with the remediation of emergency line breaks commonly associated with the cast iron lines.



Alternatives and Engagement:

Bellaire is statutorily responsible for maintaining the waterlines; the only alternatives to the project are to un-incorporate or to delay replacing the waterlines until they fail. Delaying the project will result in deferred maintenance, costing the City more in the long run.

A townhall was held during the design phase to educate residents about the project. Information about the project is available on the City's website. The City will engage impacted residents throughout the process to keep them informed and to minimize impacts on their lives. Before work begins on a particular block, flyers will be distributed to citizens to let them know of the pending work and a Bellaire project manager will regularly be on site to liaise with residents. Digital communication to stakeholders will be coordinated through the City's Communications Manager.

Anticipated Project Expenditures and Timeline:

FY 2022 Expenditures	FY22 Carry Forward Estimate*	10/01/2022 – 9/30/2023	10/01/2023 – 9/30/2024	10/01/2024 – 9/30/2025	10/01/2025 – 9/30/2026	10/01/2026 – 9/30/2027
\$ 3,780	\$ 3,496,221	\$ 0	\$ 0	\$ 0	\$ 0	\$ 3,500,000

*Carry Forward Estimate based on the FY22 Budget, less year-to-date expenses as of May 01, 2022.

Project Funding:

General Fund	Enterprise	Bond	Metro Sales Tax	Grants	Anticipated Grant Funding	Total
\$ 0	\$ 0	\$ 3,500,000	\$ 0	\$ 0	\$ 0	\$ 3,500,000

Estimated Annual Operating Budget Impact:	
O&M	-\$ 50,000
Labor	\$ 0
Other	\$ 0
Total	-\$ 50,000

Average annual repair costs for the waterlines replaced by this project is \$50,000, so the project represents a potential operating cost savings of \$50,000.

City of Bellaire FY 2023-2027 Capital Improvement Plan

Project ID: WA2207

Project Name: Feld Park Well Generator

Managing Department: Public Works

Total Estimated Cost: \$ 240,291

Category: Utilities

Urgency: Continuity of Government

Core Values: Community Governance Infrastructure Public Safety Quality of Life Land Use & Zoning

Project Description:

This project is to install a 500kW generator and automatic transfer switch for Feld Park Water Treatment Facility (Well) located at 6406 Avenue B. This will allow for a backup source of power, which will power each motor attached to the pumps to run continuously during a power failure. which will minimize water service disruptions to customers during power failures. This project is partially grant funded, with up to \$180,218 being reimbursed by the Texas Division of Emergency Management (TDEM) via the Federal Hazard Mitigation Grant Program. Bellaire accepted the grant on April 5, 2021. On March 7, 2022, Council hired Ardurra Group for up to \$76,174 to provide engineering services for the project. Ardurra is developing the design and will provide all necessary specifications to bid the installation before FY 2023. The project should be completed before the end of FY 2023.

Justification:

The number of power outages has been increasing over the years due to more frequent extreme weather events and the deterioration of the power grid. Installing a generator at the Well will provide the City with full backup power supply at two of three water production facilities. This will assist in continuity of water supply to meet the demands of the customers and maintain federally mandated minimum water system pressure requirements, and overall public health for Bellaire residents in the event of a prolonged power outage. The Well is Bellaire's second largest water treatment facility, generating approximately 1.0 million gallons per day (MGD), which accounts for approximately one-third (1/3) to one-half (1/2) of the City's public drinking water for over 18,000 residents. The Well is designated as a critical infrastructure facility because it is only one of two sites that has a surface water interconnect with the City of Houston, which serves as a back-up water supply source for the entire City. This means the Well could serve as the sole source of water for the City if the other water production facilities should go off-line. This location is also a critical component in the Bellaire's Fire Department's ability to effectively fight fires. Failure in the ability to lift water hampers the Fire Department's ability to fight fires by 50% since they rely heavily on the use of elevated storage tanks to provide ample storage and constant pressure over the City's flat topography. Ensuring emergency power supply to the Well also helps reduce health risks associated with water outages and/or low water pressure events which could have an impact on hospitals, dialysis centers, and other medical facilities, as well as impacting firefighting capability.

Alternatives and Engagement:

The City has entered into a legal agreement with TDEM to implement the generator in exchange for the grant funding; if Council wishes to cancel this project it would have to give up the grant and break the TDEM agreement. Feld Park Well would continue to be at risk of losing operation during power outages. Another alternative would be to rely on a portable generator, which is less reliable since there may be difficulty in deploying a portable generator in an emergency weather event.

Staff is coordinating with the Optimist Club softball league, as this project may reconstruct the fence between the ballfield and the water production area. The public does not directly interface with Feld Park Well, so no other engagement is planned.

Anticipated Project Expenditures and Timeline:

FY 2022 Expenditures	FY 2022 Carry Forward Estimate*	10/01/2022 – 9/30/2023	10/01/2023 – 9/30/2024	10/01/2024 – 9/30/2025	10/01/2025 – 9/30/2026	10/01/2026 – 9/30/2027
\$ 0	\$ 240,291	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0

*Carry Forward Estimate based on the FY 2022 Budget, less year-to-date expenses as of May 01, 2022.

Project Funding:

General Fund	Enterprise	Bond	Metro Sales Tax	Grants	Anticipated Grant Funding	Total
\$ 0	\$ 60,073	\$ 0	\$ 0	\$ 180,218	\$ 0	\$ 240,291

Estimated Annual Operating Budget Impact:	
O&M	\$ 2,000
Labor	\$ 0
Other	\$ 0
Total	\$ 2,000

The new generator is will require regular maintenance and fuel, estimated at an annual cost of \$2,000.

City of Bellaire FY 2023-2027 Capital Improvement Plan

Project ID: WA2301

Project Name: Annual Utility Infrastructure Management Program
(Water)

Total Estimated Cost: \$ 750,000

Category: Utilities

Urgency: Continuity of Government

Managing Department: Public Works

Core Values: Community Governance Infrastructure Public Safety Quality of Life Land Use & Zoning

Project Description:

This project is a capital program to address heavy maintenance issues in the water distribution system that Public Works staff does not have the capacity to handle in house. This program provides for unforeseen emergency needs that are large-scale waterline failures, water valve and fire hydrant replacements pipe ruptures, repairing/ replacing valves to maintain water pressurization, and repairing/ replacing fire hydrant assembly.

Justification:

This program will allow the City of Bellaire to deliver quality water according to Texas Commission on Environmental Quality (TCEQ) standards and improve service reliability. In addition, this program will allow the City to repair waterline breaks, water valves and/or fire hydrants. The repair and/or replacement of the water line valves, also allows the City to isolate specific sections within the system during routine maintenance and/or repairs and this service will minimize service disruption to medical facilities within the City. It is important to note that many of the City's waterlines are nearing or at the end of its 30 to 50-year useful service. These older waterlines are usually made of cast iron, which becomes brittle with age and prone to ruptures. Bellaire is in the process of replacing many of these old cast iron waterlines, but until that effort is completed, the City will continue to incur costly maintenance to keep the water distribution infrastructure operational. It is crucial that water system integrity be maintained to ensure reliable water supply and pressure to Bellaire homes and businesses. This is a public health issues, especially since medical facilities and schools rely on clean Bellaire water to function.

Alternatives and Engagement:

If the City does not maintain its waterlines, Bellaire would be unable to provide clean water to its residents and businesses. Additionally, Bellaire must be able to deliver safe, clean drinking water to its customers and not be at risk to violations from the Environmental Protection Agency (EPA) or TCEQ. maintain its water distribution infrastructure or be in violation of state requirements.

Staff will try to ensure that any waterline repair work is done quickly and has minimal impact on people's normal routines. If the work is anticipated to take longer than twenty-four hours to complete, staff will work with the City's Communications Manager to convey this information to the public.

Anticipated Project Expenditures and Timeline:

FY 2022 Expenditures	Budget Carry Forward Estimate	10/01/2022 – 9/30/2023	10/01/2023 – 9/30/2024	10/01/2024 – 9/30/2025	10/01/2025 – 9/30/2026	10/01/2026 – 9/30/2027
\$ 0	\$ 0	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000

Project Funding:

General Fund	Enterprise	Bond	Metro Sales Tax	Grants	Anticipated Grant Funding	Total
\$ 0	\$ 750,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 750,000

Estimated Annual Operating Budget Impact:	
O&M	\$ 0
Labor	\$ 0
Other	\$ 0
Total	\$ 0

This project is not anticipated to have a significant operating budget impact.

City of Bellaire FY 2023-2027 Capital Improvement Plan

Project ID: WAXXXX

Project Name: Renwick Well Generator

Managing Department: Public Works

Total Estimated Cost: \$ 657,135

Category: Utilities

Urgency: Continuity of Government

Core Values: Community Governance Infrastructure Public Safety Quality of Life Land Use & Zoning

Project Description:

This project is to install a 500kW generator and automatic transfer switch for Renwick Water Treatment Facility (Well) at 7625 Renwick Drive. This will allow the Well to continue providing water when the power grid is disrupted, such as during Harvey or the 2021 Winter Storm. This project is anticipated to be partially grant funded, with up to \$492,851 being reimbursed by the Texas Division of Emergency Management (TDEM) via the Federal Hazard Mitigation Grant Program. The grant is pending and the project would not move forward without the grant funding being secured.

Justification:

The installation of this generator at the Well will provide the City with full generator power at all three water production facilities. This will assist in continuity of water supply, meeting federally mandated minimum water system pressure requirements, and overall public health for Bellaire residents in the event of a prolonged power outage. The City has experienced many electric power outages in the past that have been extremely disruptive to community activities because of their frequency, extent, and duration. The number of weather-related outages has been increasing over the years due to more frequent extreme weather events and the deterioration of the power grid.

The Well is a critical component in the Bellaire's Fire Department's ability to effectively fight fires. Failure in the ability to lift water hampers the Fire Department's ability to fight fires by 50% since they rely heavily on the use of elevated storage tanks to provide ample storage and constant pressure over the City's flat topography. Ensuring emergency power supply to the Well also helps reduce health risks associated with water outages and/or low water pressure events which could have an impact on hospitals, dialysis centers, and other medical facilities, as well as impacting firefighting capability.

Alternatives and Engagement:

The grant has not yet been awarded and Council has no legal obligation to proceed with the project. If Council wishes to cancel this project, Renwick Well would continue to be at risk of losing operation during power outages. Another alternative would be to rely on a portable generator, which is less reliable since there may be difficulty in deploying a portable generator in an emergency weather event.

The public does not directly interface with Renwick Well, so no other engagement is planned.

Anticipated Project Expenditures and Timeline:

FY 2022 Expenditures	FY 2022 Carry Forward Estimate	10/01/2022 – 9/30/2023	10/01/2023 – 9/30/2024	10/01/2024 – 9/30/2025	10/01/2025 – 9/30/2026	10/01/2026 – 9/30/2027
\$ 0	\$ 0	\$ 0	\$ 657,135	\$ 0	\$ 0	\$ 0

Project Funding:

General Fund	Enterprise	Bond	Metro Sales Tax	Grants	Anticipated Grant Funding	Total
\$ 0	\$ 164,284	\$ 0	\$ 0	\$ 0	\$ 492,851	\$ 657,135

Estimated Annual Operating Budget Impact:	
O&M	\$ 2,000
Labor	\$ 0
Other	\$ 0
Total	\$ 2,000

The new generator would require regular maintenance and fuel, estimated at an annual cost of \$2,000.

City of Bellaire FY 2023-2027 Capital Improvement Plan

Project ID: WW2202

Project Name: Wastewater Collection System Improvements

Managing Department: Public Works

Total Estimated Cost: \$ 631,500

Category: Streets & Drainage

Urgency: Operational Savings/ Value Enhancement

Core Values: Community Governance Infrastructure Public Safety Quality of Life Land Use & Zoning

Project Description:

This project represents the third phase of water and wastewater infrastructure improvements associated with the Bonds for Better Bellaire 2016 Program and will focus on the rehabilitation of a variety of items associated with the wastewater collection and treatment systems. The first phase of the project would identify and replace wastewater line infrastructure that has reached, or is nearing, the end of its 30 to 50-year useful service life. In FY 2023, an assessment of sewer lines will be initiated to evaluate pipe conditions. Concurrently, staff would begin replacing wastewater lines that have already been identified as needing to be replaced, noted in the table to the right. The identified wastewater line replacements are anticipated to be completed over three years; however, the project has not yet been bid so a project timeline is not yet available. The assessment may necessitate additional phases to the project to address issues, such as manhole rehabilitation or repair/retrofits to the lift stations or treatment plant. This project was funded in FY 2022 but has not made significant progress due to turnover on the Wastewater Treatment team and staff focusing on renewing certifications and permits with the Texas Commission on Environmental Quality (TCEQ).

Justification:

This project entails the replacement of wastewater lines that are thirty years in age or more. It is advantageous to replace wastewater lines before they fail. Wastewater line breaks can be very costly to repair and present an environmental health hazard because the wastewater lines carry untreated sewage.

Blocks Identified for Wastewater Line Replacement

- 100 St. Paul
- 100 St. Moritz
- 5600 Geneva
- 5600 Innsbruck
- 4400 Bissonnet
- 5200 Woodlawn Place
- 6300 Meredith
- 5200 Palmetto
- 100 Alpine Court
- 100 Town Oaks Place
- 100 Phanturn,
- 4500 Merrie Wat
- 4500 Live Oak
- 900 Wildwood

Alternatives and Engagement:

Bellaire is statutorily responsible for maintaining the wastewater lines; the only alternatives to the project are to un-incorporate or to delay replacing the wastewater lines until they fail. Delaying the project will result in deferred maintenance, costing the City more in the long run.

The City will engage impacted residents throughout the process to keep them informed and to minimize impacts on their lives. The Communications Manager will coordinate efforts to educate residents about the project and information about the project will be available on the City's website. Also, before work begins, flyers will be distributed to citizens to let them know of the pending work and a Bellaire project manager will regularly be on site to liaise with residents.

Anticipated Project Expenditures and Timeline:

FY 2022 Expenditures	FY22 Carry Forward Estimate*	10/01/2022 – 9/30/2023	10/01/2023 – 9/30/2024	10/01/2024 – 9/30/2025	10/01/2025 – 9/30/2026	10/01/2026 – 9/30/2027
\$ 232	\$ 356,268	\$ 0	\$275,000	\$ 0	\$ 0	\$ 0

*Carry Forward Estimate based on the FY22 Budget, less year-to-date expenses as of May 01, 2022.

The FY 2022 budget was originally \$775,000 and FY 2023 budget programmed to be \$285,000. \$418,500 is being reallocated from the FY 2022 budget and \$0 budgeted for FY 2023 in order to fund \$703,500 of improvements to the City's treatment plant and lift stations in FY 2023.

Project Funding:

General Fund	Enterprise	Bond	Metro Sales Tax	Grants	Anticipated Grant Funding	Total
\$ 0	\$ 0	\$ 631,500	\$ 0	\$ 0	\$ 0	\$ 631,500

Estimated Annual Operating Budget Impact:	
O&M	\$ 0
Labor	\$ 0
Other	\$ 0
Total	\$ 0

The operating impact for this project has not yet been determined. The project is anticipated to create an operating cost savings as it will result in less maintenance to repair old wastewater lines.

City of Bellaire FY 2023-2027 Capital Improvement Plan

Project ID: WW2203

Project Name: Wastewater Treatment Plant Fine Screen Replacement

Managing Department: Public Works

Total Estimated Cost: \$ 372,943

Category: Utilities

Urgency: Continuity of Government

Core Values: Community Governance Infrastructure Public Safety Quality of Life Land Use & Zoning

Project Description:

This project replaces both fine screen systems at the City's wastewater treatment plant (WWTP). The WWTP uses a fine screen system to remove particulate matter from wastewater as part of the treatment process. This particulate includes things like sand or crystalline material that, if not managed properly, can have a detrimental effect to the treatment process. It can also cause downstream issues to treatment plant equipment as excessive amounts of sand or crystalline material can cause wear and tear that significantly shorten the useful life of equipment. The Bellaire WWTP normally has two fine screen filters which are used one at a time or in tandem depending on flow volume.

On April 18, 2022 Council approved \$95,000 to replace the irreparably damaged primary fine screen via ANDRITZ Separation Inc., the sole source provider for this type of filter for the Bellaire WWTP. Unfortunately, less than a month after the first fine screen broke, the second remaining fine screen was also irreparably damaged. Staff currently has temporary mitigation measures in place, but in August 2022, Bellaire received a Notice of Violation from the Texas Commission on Environmental Quality (TCEQ). In order to address the violations, the project scope has been updated beyond replacing the fine screen system to include the following at an estimated cost of \$277,943:

- Remove and replace existing fine screen assembly unit (including fine screen cover and bio-scrubbers).
- Remove and replace existing gearbox and motor assembly.
- Remove and replace existing electrical conduit and wiring associated with motor and gearbox.
- Add breaker to electrical panel box for future usage (motorized operating valve assembly unit).
- Remove and replace existing manual gate valve (36"), with motorized operating valve (MOV).
- Remove heavy debris from wet-well, grit chamber and aeration basin.

The first fine screen is anticipated to be installed before the end of October 2022 and resolve the majority of the violations. The second fine screen is anticipated to be installed before the end of March 2023.

Justification:

Having two screen filters is a best practice as it allows one to maintain TCEQ screening requirements should the second require repair or servicing. Unfortunately, both are currently out of service. Without the fine screens, particulate matter is going into the wastewater treatment process, reducing the WWTP's treatment capacity and damaging treatment equipment. If the plants treatment capacity is exceeded or if other treatment equipment breaks down, it could result in fines from TCEQ from being out of compliance.

Alternatives and Engagement:

Delaying this project increases the likelihood of Bellaire's WWTP going out of compliance, resulting in fines from TCEQ. This also puts further strain on other WWTP systems, increasing the likelihood of another critical system failing.

Residents do not directly interact with the WWTP and should not be impacted by this project, so no engagement is planned.

Anticipated Project Expenditures and Timeline:

FY 2022 Expenditures	Budget Carry Forward Estimate*	10/01/2022 – 9/30/2023	10/01/2023 – 9/30/2024	10/01/2024 – 9/30/2025	10/01/2025 – 9/30/2026	10/01/2026 – 9/30/2027
\$ 0	\$ 95,000	\$ 277,943	\$ 0	\$ 0	\$ 0	\$ 0

*Carry Forward Estimate based on the FY 2022 Budget, less year-to-date expenses as of May 01, 2022.

Project Funding:

General Fund	Enterprise	Bond	Metro Sales Tax	Grants	Anticipated Grant Funding	Total
\$ 0	\$ 159,054	\$ 213,889	\$ 0	\$ 0	\$ 0	\$ 372,943

Estimated Annual Operating Budget Impact:

There is already a sufficient maintenance budget for the WWTP, so this project would not affect the operating budget. The fine screens broke down because they were at the end of their useful life and a capital project to fund their replacement should have been identified sooner.

City of Bellaire FY 2023-2027 Capital Improvement Plan

Project ID: WW2301

Project Name: Annual Utility Infrastructure Management Program
(Wastewater)

Managing Department: Public Works

Total Estimated Cost: \$ 750,000

Category: Utilities

Urgency: Continuity of Government

Core Values: Community Governance Infrastructure Public Safety Quality of Life Land Use & Zoning

Project Description:

This project is a capital program to address heavy maintenance issues in the wastewater collection system that Public Works staff does not have the capacity to handle in house. This includes reducing inflow and infiltration (I&I) within the wastewater collection system, mitigating the impact of fats, oils and grease (FOG), and rehabilitating deteriorated wastewater lines of various sizes. In addition, when point repairs, pipe-bursting or cured-in place is not necessary, then lines shall be cleaned and televised. This comprehensive approach shall better serve customers to ensure public health and safety. Heavy maintenance also includes repairing wastewater line pipe ruptures and clearing large-scale blocks in the system. Wastewater lines accumulate significant amounts of debris, such as FOG and non-biodegradable item like wet wipes, that can accumulate together in tight masses. Large amounts of yard debris flowing into the sewer can form similar masses. These masses can weigh hundreds of pounds and stretch to enormous sizes. Besides clogging the wastewater line, these masses can cause line ruptures and severe damage to water treatment equipment. Public Works staff regularly survey and clear debris from wastewater lines, but clogs can form very quickly.

Justification:

Many of the City's waterlines are nearing or at the end of its 30 to 50-year useful service. It is critical to maintain and/or rehabilitate the wastewater collection system for the purpose of eliminating sanitary sewer overflows (SSO) for the purpose of mitigating inflow and infiltration (I & I) and/or fats, oils and grease (FOG). In addition, the upsizing of pipe diameter shall assist in the gravity flow to and from wastewater lift stations. A heavy maintenance program of the wastewater collection system will assist in protecting sanitary lines from further deterioration and/or corrosion. It is also important that wastewater collection infrastructure be maintained so that sewage can be properly treated. Clogs/breaks in the wastewater collection system can cause sewage to backup into homes and businesses or leak into public area before being treated. Untreated sewage can be very toxic and is a public health hazard. If repairs are not made in a timely manner, surface excavation may be required to repair the wastewater line, which can damage roads, buildings, sidewalks, and utilities, causing traffic disruptions for weeks.

Alternatives and Engagement:

If the City does not maintain its wastewater lines, Bellaire would be unable to properly collect sewage from home and businesses. And would be in violation of state requirements.

Staff will try to ensure that any wastewater line repair work is done quickly and has minimal impact on people's normal routines. If the work is anticipated to take longer than twenty-four hours to complete, staff will work with the City's Communications Manager to convey this information to the public.

Anticipated Project Expenditures and Timeline:

FY 2022 Expenditures	Budget Carry Forward Estimate	10/01/2022 – 9/30/2023	10/01/2023 – 9/30/2024	10/01/2024 – 9/30/2025	10/01/2025 – 9/30/2026	10/01/2026 – 9/30/2027
\$ 0	\$ 0	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000

Project Funding:

General Fund	Enterprise	Bond	Metro Sales Tax	Grants	Anticipated Grant Funding	Total
\$ 0	\$ 750,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 750,000

Estimated Annual Operating Budget Impact:	
O&M	\$ 0
Labor	\$ 0
Other	\$ 0
Total	\$ 0

This project is not anticipated to have a significant operating budget impact.

City of Bellaire FY 2023-2027 Capital Improvement Plan

Project ID: WW2302

Project Name: Wastewater Treatment Plant Capital Maintenance

Managing Department: Public Works

Total Estimated Cost: \$ 1,166,000

Category: Utilities

Urgency: Continuity of Government

Core Values: Community Governance Infrastructure Public Safety Quality of Life Land Use & Zoning

Project Description:

This project addresses years of deferred maintenance at the wastewater treatment plant (WWTP). The WWTP has a series of systems that remove contaminants from sewage wastewater so that the water can be returned to the surrounding environment. These WWTP systems go through significant chemical and mechanical stress and need regular maintenance and periodic replacement. Some of this needed maintenance/replacement has been deferred in the past years and can no longer be ignored. In FY 2022, there have been almost a dozen emergency repairs at the WWTP. This five-year project will attempt to catch up on the WWTP's list of deferred maintenance, starting with the items noted above. FY 2023 would be bond funded and the outyears funded by the Enterprise Fund.

FY 2023 WWTP Repair/Replace	Estimate
Replace lift station sensors	\$15,000
Mono pumps x 1	\$15,000
Chlorine bottle covers (to prevent toxic exposure)	\$25,000
New starter for activated sludge return pump	\$10,000
#3 blower and motor and incidentals	\$20,000
Replacement of broken gate	\$15,000
Aeration basins repair	\$150,000
Bell press room concrete slab repair	\$10,000
Engineering and contingency	\$29,400

Justification:

The WWTP is a critical part of the City's water/wastewater infrastructure system. If certain systems go down, the WWTP ceases to function, creating a public health risk. The WWTP is regularly inspected by the Texas Commission on Environmental Quality for compliance with statutory and permit requirements. The deferred maintenance has been noted during the inspections and the City regularly receives a list of corrections that need to be made to stay in compliance, corrections that would not be needed if staff were able to focus on preventative maintenance instead of reacting to deferred maintenance. Deferred maintenance creates a nasty feedback loop because as necessary upgrades/replacements have been postponed, system failures have been increasing at a greater volume and frequency. Deferred maintenance keeps equipment in place past its useful life and staff naturally has to spend more time repairing something that should have been replaced. This means the WWTP team has been forced to react to one system failure after another, with less focus on preventive maintenance, leading to more system failures. A similar analogy would be if your car kept breaking down due to engine issues, so you neglected rotating your car's tires. You may eventually get the engine fixed, but the car breaks down again because the tires are worn out.

Alternatives and Engagement:

Delaying this project means further delays to necessary repair/replacement of critical WWTP system. This would result in more expensive emergency repair/replacement when the WWTP systems fail. Additionally, this may cause the WWTP to be unable to function, causing a public health hazard and the City being fined by the State.

Residents do not directly interact with the WWTP and should not be impacted by this project. The WWTP would continue to operate throughout this project so residents should not notice an interruption in their utility service.

Anticipated Project Expenditures and Timeline:

FY 2022 Expenditures	Budget Carry Forward Estimate	10/01/2022 – 9/30/2023	10/01/2023 – 9/30/2024	10/01/2024 – 9/30/2025	10/01/2025 – 9/30/2026	10/01/2026 – 9/30/2027
\$ 0	\$ 0	\$ 286,000	\$ 220,000	\$ 275,000	\$ 275,000	\$ 110,000

Project Funding:

General Fund	Enterprise	Bond	Metro Sales Tax	Grants	Anticipated Grant Funding	Total
\$ 0	\$ 880,000	\$ 286,000		\$ 0	\$ 0	\$ 1,166,000

Estimated Annual Operating Budget Impact:	
O&M	\$ 0
Labor	\$ 0
Other	\$ 0
Total	\$ 0

The operating budget impacts from this project have not yet been calculated. However, it is anticipated that addressing this deferred maintenance will reduce the annual repair/replacement expenditures caused from systems breaking down.

City of Bellaire FY 2023-2027 Capital Improvement Plan

Project ID: WW2303

Project Name: Lift Station Rehab

Managing Department: Public Works

Total Estimated Cost: \$ 48,000

Category: Utilities

Urgency: Continuity of Government

Core Values: Community Governance Infrastructure Public Safety Quality of Life Land Use & Zoning

Project Description:

This project addresses years of deferred maintenance at the City's three lift stations (Bellaire, Wendell, and Rice). Lift Stations involve a series of mechanisms that are used to move wastewater from lower to higher elevation, which is necessary to keep wastewater flowing from homes and businesses to the City's wastewater treatment plant. These lift station mechanisms go through significant chemical and mechanical stress and need regular maintenance and periodic replacement. Some of this needed maintenance/replacement has been deferred in the past years and can no longer be ignored. Over the next three years, this project will catch up on this deferred maintenance by removing solids and grease build-up and by servicing/replacing pumps and impeller mechanisms, sensors, valves, meters and alarm systems. Additionally, pump motor and electrical systems may be rebuilt as necessary. Rice Lift Station is programmed for FY 2023, with Bellaire and Wendell Lift Stations being serviced in FY 2024 and FY 2025 respectively. FY 2023 would be bond funded while the out years are anticipated to be funded by the Enterprise Fund.

Justification:

Lift stations are a critical part of the City's water/wastewater infrastructure system. If the lift stations go down, it may prevent wastewater from reaching the WWTP, creating a public health risk if sewage backs into the street or homes. The lift stations are regularly inspected by the Texas Commission on Environmental Quality for compliance with statutory and permit requirements. The deferred maintenance has been noted during the inspections and the City regularly receives a list of corrections that need to be made to stay in compliance, corrections that would not be needed if staff were able to focus on preventative maintenance instead of reacting to deferred maintenance. Deferred maintenance creates a nasty feedback loop because as necessary upgrades/replacements have been postponed, system failures have been increasing at a greater volume and frequency. Deferred maintenance keeps equipment in place past its useful life and staff naturally must spend more time repairing something that should have been replaced. This means the WWTP team has been forced to react to one system failure after another, with less focus on preventive maintenance, leading to more system failures. A similar analogy would be if your car kept breaking down due to engine issues, so you neglected rotating your car's tires. You may eventually get the engine fixed, but the car breaks down again because the tires are worn out.

Alternatives and Engagement:

Delaying this project means further delays to necessary repair/replacement of critical lift station mechanisms. This would result in more expensive emergency repair/replacement when the lift stations fail. Additionally, this may cause the wastewater system to be unable to function, causing a public health hazard and the City being fined by the State.

Residents do not directly interact with the lift stations and should not be impacted by this project. The wastewater system would continue to operate throughout this project so residents should not notice an interruption in their utility service.

Anticipated Project Expenditures and Timeline:

FY 2022 Expenditures	Budget Carry Forward Estimate	10/01/2022 – 9/30/2023	10/01/2023 – 9/30/2024	10/01/2024 – 9/30/2025	10/01/2025 – 9/30/2026	10/01/2026 – 9/30/2027
\$ 0	\$ 0	\$15,000	\$18,000	\$15,000	\$ 0	\$ 0

Project Funding:

General Fund	Enterprise	Bond	Metro Sales Tax	Grants	Anticipated Grant Funding	Total
\$ 0	\$ 33,000	\$ 15,000	\$ 0	\$ 0	\$ 0	\$ 48,000

Estimated Annual Operating Budget Impact:	
O&M	\$ 0
Labor	\$ 0
Other	\$ 0
Total	\$ 0

The operating budget impacts from this project have not yet been calculated. However, it is anticipated that addressing this deferred maintenance will reduce the annual repair/replacement expenditures caused from systems breaking down.

Project ID and Name		Funding	Overview				
TE2203	Incode Financial Update	Gen. Fund	Upgrade of Incode financial, court and utility billing applications to the latest version.				
VE2202	General Fund Vehicle Acquisitions	Gen. Fund	Vehicle and Heavy Equipment Replacement Purchases for General Fund operations.				
VE2301			Lease payments for vehicles in the Enterprise Lease program for the General Fund. Also includes Fire Apparatus lease payments (not in Enterprise program).				
VE2203	General Fund Lease Program	Gen. Fund	Recurring replacement of first responder radios. FY23 includes roller for street maintenance.				
VE2204	General Fund Misc. Equipment	Gen. Fund	Vehicle and Heavy Equipment Replacement Purchases for Enterprise Fund operations.				
VE2405	Enterprise Fund Vehicle Acquisitions	Enterprise	Lease payments for vehicles in the Enterprise Lease program for the Enterprise Fund.				
VE2206							

Please Note: All figures below are estimates as of 2022 and are in 2022 dollars not adjusted for inflation.

Appropriation decisions apply ONLY to the FY 2023 project items. Future years are for planning purposes only.

Project ID and Name		FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Project Total
TE2203	Incode Financial Update	\$ 100,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 100,000
VE2202	General Fund Vehicle Acquisitions	\$ 777,991	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 777,991
VE2301		\$ 0	\$ 462,800	\$ 754,500	\$ 420,300	\$ 752,300	\$ 354,100	\$ 2,744,000
VE2203	General Fund Lease Program	\$ 206,870	\$ 190,700	\$ 95,900	\$ 78,900	\$ 77,700	\$ 77,700	\$ 727,770
VE2204	General Fund Misc. Equipment	\$ 50,000	\$ 37,500	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 127,500
VE2205	Enterprise Fund Vehicle Acquisitions	\$ 458,091	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 458,091
VE2405		\$ 0	\$ 0	\$ 577,400	\$ 746,600	\$ 461,800	\$ 341,100	\$ 2,126,900
VE2206	Enterprise Fund Lease Program	\$ 6,113	\$ 7,100	\$ 3,600	\$ 0	\$ 0	\$ 0	\$ 16,813
	Total	\$ 1,599,065	\$ 698,100	\$ 1,441,400	\$ 1,255,800	\$ 1,301,800	\$ 782,900	\$ 7,079,065

City of Bellaire FY 2023-2027 Capital Improvement Plan

Project ID: TE2203

Project Name: Incode Financial Update

Managing Department: Information Technology

Total Estimated Cost: \$ 100,000

Category: Vehicles, Equipment, & Technology

Urgency: Continuity of Government

Core Values: Community Governance Infrastructure Public Safety Quality of Life Land Use & Zoning

Project Description:

Incode is Bellaire's enterprise resource planning (also known as ERP) software that is used to manage the City's finances. In addition to being the system that handles the City's purchase orders, records transactions, and issues checks, Incode also manages the court and utility billing applications. The current version of Incode is over fifteen years old. This project is to upgrade Incode to the latest version, which is anticipated to provide greater functionality and better performance.

Justification:

The Incode update is needed because the current version that the City is using is out of date and will soon no longer be supported. This means the system will become more vulnerable to bugs and Bellaire staff will have no development support in case of a critical system failure. If the system fails and there is no replacement in place, City operations would cease: court and utility billings would be unable to take place, the City would be unable to collect fees, and the City would be unable to pay its bills. The Incode upgrade will be compliant with Generally Accepted Accounting Principles (also known as GAAP), which is the industry standard and best practice for US financial entities.

Alternatives and Engagement:

Council has already approved an agreement with Tyler Technologies (developer of Incode) for the Incode system upgrade and implementation of the upgrade is in progress. If Council does not wish to pursue this project, it would require the City to keep working off an old version of Incode that will not be supported in the near future.

The City's Incode financial system is only used by staff. Since this does not directly impact the public, no engagement is planned.

Anticipated Project Expenditures and Timeline:

FY 2022 Expenditures	FY 2022 Carry Forward Estimate*	10/01/2022 – 9/30/2023	10/01/2023 – 9/30/2024	10/01/2024 – 9/30/2025	10/01/2025 – 9/30/2026	10/01/2026 – 9/30/2027
\$ 6,575	\$ 93,425	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0

*Carry Forward Estimate based on the FY22 Budget, less year-to-date expenses as of May 01, 2022.

Project Funding:

General Fund	Enterprise	Bond	Metro Sales Tax	Grants	Anticipated Grant Funding	Total
\$ 100,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 100,000

Estimated Annual Operating Budget Impact:	
O&M	\$ 0
Labor	\$ 0
Other	\$ 0
Total	\$ 0

Incode is a perpetual license and the cost for this license is already budgeted for. However, depending on the amount of historical data that is migrated to the new software, there may be minimal costs associated with keeping the old Incode application. If there are such costs, this will be addressed through the FY 2024 budget process.

City of Bellaire FY 2023-2027 Capital Improvement Plan

Project ID: VE2202

Project Name: General Fund Vehicle Acquisitions

Managing Department: Parks, Recreation and Facilities

Total Estimated Cost: \$ 777,991

Category: Vehicles, Equipment, & Technology

Urgency: Fire-Life Safety, Operational Savings/ Value Enhancement

Core Values: Community Governance Infrastructure Public Safety Quality of Life Land Use & Zoning

Project Description:

This is an ongoing project to make vehicle replacement purchases for General Fund operations. These vehicles, noted to the right, were previously approved in FY 2022.

Justification:

Bellaire maintains a replacement schedule of its vehicles to manage the lifecycle of the fleet. This ensures that vehicles are replaced before they become too unsafe and too costly to maintain. However, before a replacement vehicle is purchased, the vehicle to be replaced is first evaluated and scored based on the following criteria:

- Age as % of anticipated life;
- Maintenance and repairs as percentage of replacement costs;
- Condition, based on criteria established by the National Auto Auction Association;
- Usage, with vehicle seeing regular activity scoring more 'replacement points'; and
- Reliability in terms of annual repairs/ breakdowns.

This scoring ensure that Bellaire keeps vehicles in service that are still functioning well and only replaces vehicles that are truly too expensive and unreliable to keep.

Alternatives and Engagement:

Replacing the vehicles could be delayed, but it increases the chances of a severe mechanical failure that puts lives at risk while the vehicle is being operated, and results in costly repairs. Instead of buying new vehicles, Bellaire could lease vehicles, but this is more expensive overtime.

Purchasing these vehicles will not directly impact the public, so no engagement is planned.

Anticipated Project Expenditures and Timeline:

FY 2022 Expenditures ¹	Budget Carry Forward Estimate ²	10/01/2022 – 9/30/2023	10/01/2023 – 9/30/2024	10/01/2024 – 9/30/2025	10/01/2025 – 9/30/2026	10/01/2026 – 9/30/2027
\$ 593,034	\$ 184,957	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0

1.) Includes expenditures from previous vehicle purchases not associated with VE2202.

2.) Carry Forward Estimate based on the FY 2022 Budget, less year-to-date expenses as of May 01, 2022.

Project Funding:

General Fund	Enterprise	Bond	Metro Sales Tax	Grants	Anticipated Grant Funding	Total
\$ 777,991	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 777,991

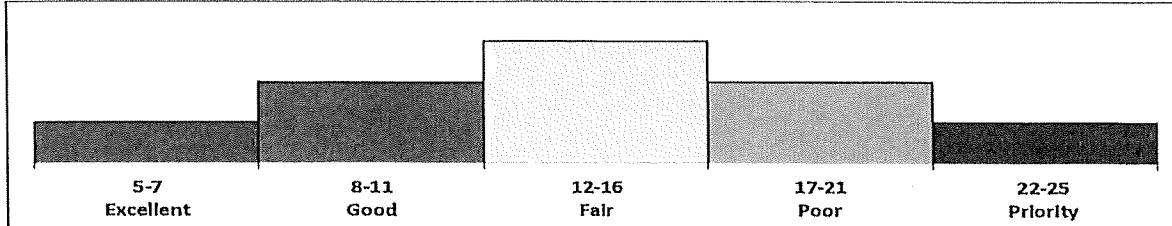
Estimated Annual Operating Budget Impact:	
O&M	\$ 0
Labor	\$ 0
Other	\$ 0
Total	\$ 0

This project is not anticipated to have significant an operating budget impact. The vehicles planned for replacement already have fuel and maintenance costs accounted for in the respective department budgets.

FY 2022 VEHICLE AND EQUIPMENT SCORING FORM

Dept.	Fire		
Vehicle #	548F - Inspector Veh.		
Mileage	82825		
Lease		Purchase	X

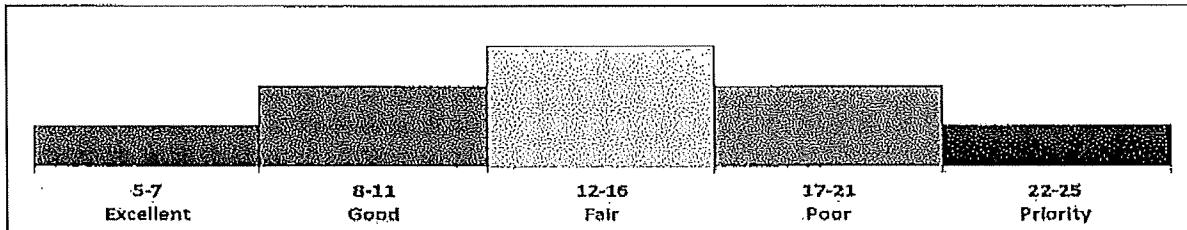
Point Value	1	2	3	4	5	Total Points
Age As % of Anticipated Life	Less than 25%	25-50%	50-75%	75-99%	Over 100%	5
Maint. & Repairs As % of Repl. Costs	0-15%	15-35%	35-60%	60-80%	Over 80%	3
Condition	No visual damage or rust, good drive train	Minor imperfections in body and paint surface, (no rips, tears, burns), good drive train	Noticeable imperfections in body and paint surface, minor rust, minor damage for add-on equipment, worn interior (one or more rips, tears, burns) and weak or noisy drive train	Previous accident damage, poor paint and body condition, rust (holes), bad interior (rips, tears, cracked dash) major damage for add-on equipment and on drive train component bad (cracked dash) major damage for add-on equipment and drive train component bad	Previous accident damage, poor paint and body condition, rust (holes), bad interior (rips, tears, cracked dash) major damage for add-on equipment and drive train component bad	4
Usage	Reserve, Non-Emergency	Reserve, Emergency	Active - Other Services	Active - Public Infrastructure	Active - Emergency	4
Reliability in terms of Annual Repairs/ Breakdowns (either/or)	2/0	3/1	4/2	5/3	6/4	3
Total Score					19	



FY 2022 VEHICLE AND EQUIPMENT SCORING FORM

Dept.	POLICE		
Vehicle #	622P		
Mileage	97,222		
Lease		Purchase	XXX

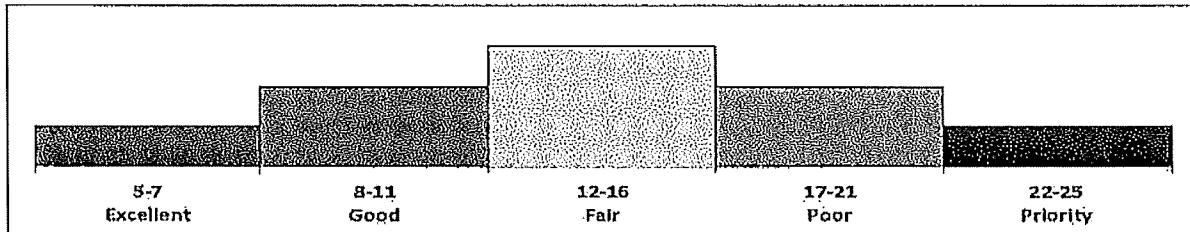
Point Value	1	2	3	4	5	Total Points
Age As % of Anticipated Life	Less than 25%	25-50%	50-75%	75-99%	Over 100%	4
Maint. & Repairs As % of Repl. Costs	0-15%	15-35%	35-60%	60-80%	Over 80%	4
Condition	No visual damage or rust; good drive train	Minor imperfections in body and paint surface; minor rust; minor damage for add-on equipment, worn interior (one or more rips, tears, burns) and weak or noisy drive train	Noticeable imperfections in body and paint surface; minor rust; minor damage for add-on equipment, worn interior (one or more rips, tears, burns) and weak or noisy drive train	Previous accident damage; poor paint and body condition, rust (holes), bad interior (rips, tears, cracked dash) major damage for add-on equipment and on drive train component bad (cracked dash); major damage for add-on equipment and drive train component bad	Previous accident damage; poor paint and body condition, rust (holes), bad interior (rips, tears, cracked dash) major damage for add-on equipment and drive train component bad	3
Usage	Reserve, Non-Emergency	Reserve, Emergency	Active - Other Services	Active - Public Infrastructure	Active - Emergency	4
Reliability in terms of Annual Repairs/ Breakdowns (either/or)	2/0	3/1	4/2	5/3	6/4	5
Total Score					20	



FY 2022 VEHICLE AND EQUIPMENT SCORING FORM

Dept.	POLICE		
Vehicle #	631		
Mileage	78170		
Lease		Purchase	XXX

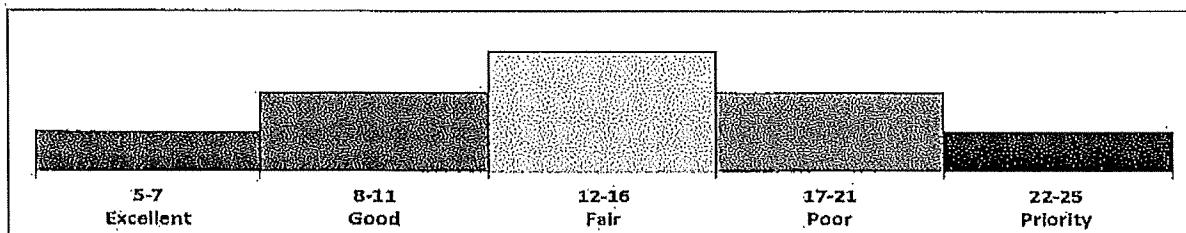
Point Value	1	2	3	4	5	Total Points
Age As % of Anticipated Life	Less than 25%	25-50%	50-75%	75-99%	Over 100%	4
Maint. & Repairs As % of Repl. Costs	0-15%	15-35%	35-60%	60-80%	Over 80%	4
Condition	No visual damage or rust, good drive train	Minor imperfections in body and paint surface, minor rust, minor damage for add-on equipment, worn interior (one or more rips, tears, burns), good drive train	Noticeable imperfections in body and paint surface, minor rust, minor damage for add-on equipment, worn interior (one or more rips, tears, burns), and weak or noisy drive train	Previous accident damage, poor paint and body condition, rust (holes), bad interior (rips, tears, cracked dash) major damage for add-on equipment and on drive train component bad (cracked dash)	Previous accident damage, poor paint and body condition, rust (holes), bad interior (rips, tears, cracked dash) major damage for add-on equipment and drive train component bad	3
Usage	Reserve, Non-Emergency	Reserve, Emergency	Active - Other Services	Active - Public Infrastructure	Active - Emergency	3
Reliability in terms of Annual Repairs/ Breakdowns (either/or)	2/0	3/1	4/2	5/3	6/4	5
Total Score					19	



FY 2022 VEHICLE AND EQUIPMENT SCORING FORM

Dept.	POLICE		
Vehicle #	687P		
Mileage	46058 (6736 Idle hours) 168,400 miles		
Lease		Purchase	XXX

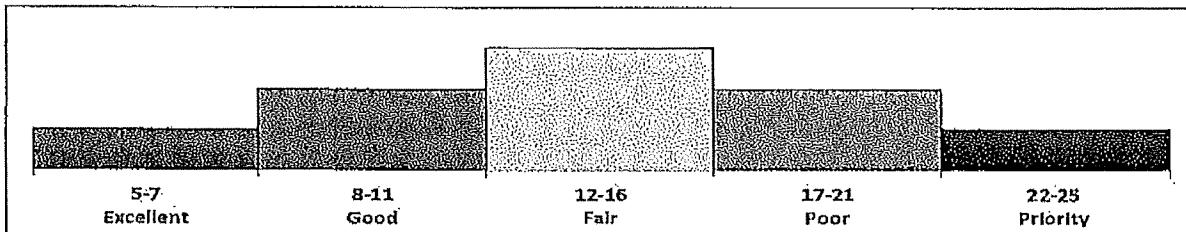
Point Value	1	2	3	4	5	Total Points
Age As % of Anticipated Life	Less than 25%	25-50%	50-75%	75-99%	Over 100%	5
Maint. & Repairs As % of Repl. Costs	0-15%	15-35%	35-60%	60-80%	Over 80%	5
Condition	No visual damage or rust; good drive train	Minor imperfections in body and paint surface, minor rust, minor damage for add-on equipment, worn interior (one or more rips, tears, burns) and weak or noisy drive train	Noticeable imperfections in body and paint surface, minor rust, minor damage for add-on equipment, worn interior (one or more rips, tears, burns) and weak or noisy drive train	Previous accident damage, poor paint and body condition, rust (holes), bad interior (rips, tears, cracked dash) major damage for add-on equipment and drive train component bad (cracked dash)	Previous accident damage, poor paint and body condition, rust (holes), bad interior (rips, tears, cracked dash) major damage for add-on equipment and drive train component bad	4
Usage	Reserve, Non-Emergency	Reserve, Emergency	Active - Other Services	Active - Public Infrastructure	Active - Emergency	5
Reliability in terms of Annual Repairs/ Breakdowns (either/or)	2/0	3/1	4/2	5/3	6/4	5
Total Score						24



FY 2022 VEHICLE AND EQUIPMENT SCORING FORM

Dept.	POLICE		
Vehicle #	688P		
Mileage	46987 (7060 Idle hours) 776,500 miles		
Lease		Purchase	XXX

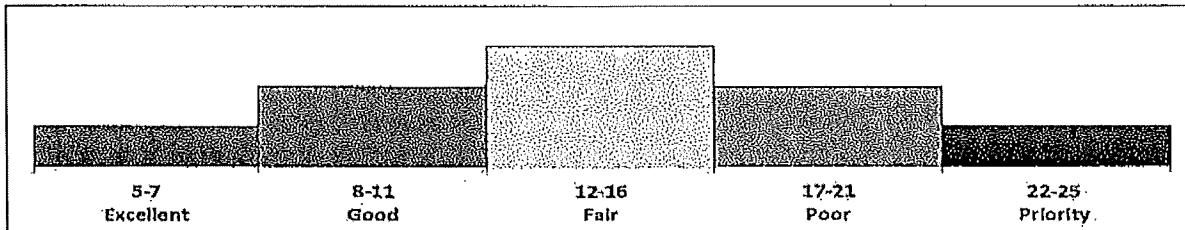
Point Value	1	2	3	4	5	Total Points
Age As % of Anticipated Life	Less than 25%	25-50%	50-75%	75-99%	Over 100%	5
Maint. & Repairs As % of Rep. Costs	0-15%	15-35%	35-60%	60-80%	Over 80%	5
Condition	No visual damage or rust, good drive train	Minor imperfections in body and paint surface, minor rust, minor damage for add-on equipment, worn interior (one or more rips, tears, burns) and weak or noisy drive train	Noticeable imperfections in body and paint surface, minor rust, minor damage for add-on equipment, worn interior (one or more rips, tears, burns) and weak or noisy drive train	Previous accident damage, poor paint and body condition, rust (holes), bad interior (rips, tears, cracked dash) major damage for add-on equipment and on-drive train component bad (cracked dash) major damage for add-on equipment and drive train component bad	Previous accident damage, poor paint and body condition, rust (holes), bad interior (rips, tears, cracked dash) major damage for add-on equipment and drive train component bad	4
Usage	Reserve, Non-Emergency	Reserve, Emergency	Active - Other Services	Active - Public Infrastructure	Active - Emergency	5
Reliability in terms of Annual Repairs/ Breakdowns (either/or)	2/0	3/1	4/2	5/3	6/4	5
Total Score						24



FY 2022 VEHICLE AND EQUIPMENT SCORING FORM

Dept.	POLICE		
Vehicle #	689P		
Mileage	43966 (5732 Idle hours) 143,300 miles		
Lease		Purchase	XXX

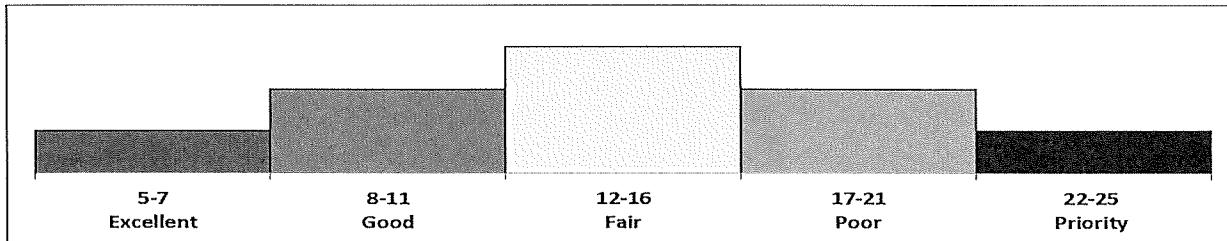
Point Value	1	2	3	4	5	Total Points
Age As % of Anticipated Life	Less than 25%	25-50%	50-75%	75-99%	Over 100%	5
Maint. & Repairs As % of Repl. Costs	0-15%	15-35%	35-60%	60-80%	Over 80%	5
Condition	No visual damage or rust, good drive train	Minor imperfections in body and paint surface, minor rust, minor damage for add-on equipment, worn interior (one or more rips, tears, burns) and weak or noisy drive train.	Noticeable imperfections in body and paint surface, minor rust, minor damage for add-on equipment, worn interior (one or more rips, tears, burns) and weak or noisy drive train.	Previous accident damage, poor paint and body condition, rust (holes), bad interior (rips, tears, cracked dash) major damage for add-on equipment and on drive train component bad (cracked dash) major damage for add-on equipment and drive train component bad	Previous accident damage, poor paint and body condition, rust (holes), bad interior (rips, tears, cracked dash) major damage for add-on equipment and drive train component bad	4
Usage	Reserve, Non-Emergency	Reserve, Emergency	Active - Other Services	Active - Public Infrastructure	Active - Emergency	5
Reliability in terms of Annual Repairs/ Breakdowns (either/or)	2/0	3/1	4/2	5/3	6/4	5
Total Score						24



FY 2022 VEHICLE AND EQUIPMENT SCORING FORM

Dept.	PW /ST		
Vehicle #	#617		
Mileage	43428.2		
Lease		Purchase	x

Point Value	1	2	3	4	5	Total Points
Age As % of Anticipated Life	Less than 25%	25-50%	50-75%	75-99%	Over 100%	5
Maint. & Repairs As % of Repl. Costs	0-15%	15-35%	35-60%	60-80%	Over 80%	3
Condition	No visual damage or rust, good drive train	Minor imperfections in body and paint surface, (no rips, tears, burns), good drive train	Noticeable imperfections in body and paint surface, minor rust, minor damage for add-on equipment, worn interior (one or more rips, tears, burns) and weak or noisy drive train	Previous accident damage, poor paint and body condition, rust (holes), bad interior (rips, tears, cracked dash) major damage for add-on equipment and on drive train component bad (cracked dash)	Previous accident damage, poor paint and body condition, rust (holes), bad interior (rips, tears, cracked dash) major damage for add-on equipment and drive train component bad	4
Usage	Reserve, Non-Emergency	Reserve, Emergency	Active - Other Services	Active - Public Infrastructure	Active - Emergency	4
Reliability in terms of Annual Repairs/ Breakdowns (either/or)	2/0	3/1	4/2	5/3	6/4	4
Total Score					20	



City of Bellaire FY 2023-2027 Capital Improvement Plan

Project ID: VE2203

Project Name: General Fund Lease Program

Managing Department: Parks, Recreation and Facilities

Total Estimated Cost: \$ 727,770

Category: Vehicles, Equipment, & Technology

Urgency: Fire-Life Safety, Operational Savings/ Value Enhancement

Core Values: Community Governance Infrastructure Public Safety Quality of Life Land Use & Zoning

Project Description:

This is an ongoing project to lease the vehicles listed to the right. With the exception of the Fire Department's pumper truck (669F), the City's vehicle lease agreements expire by December 2024. On a case-by-case basis, these leases may be extended if it is economically advantageous to Bellaire. Please note that the City will own the pumper truck (669F) at the end of the lease, while the other leased vehicles do not have a purchase option.

Department	Unit #	Category/ Use	Lease Expires	Cost
Development Services	698DS	Admin Vehicle	Dec-23	\$ 7,000
Fire	690F	Command Vehicle (SUV)	Jun-23 ¹	\$ 10,700
Fire	669F	Pumper Truck	Sep-28	\$ 77,700
Police	699P	Command Vehicle (SUV)	Feb-24	\$ 11,600
Police	700P	Assigned Vehicles-I (SUV)	Apr-24	\$ 11,900
Police	702P	Patrol Vehicle	Jul-23 ²	\$ 13,500
Police	703P	Patrol Vehicle	Jul-23 ²	\$ 13,300
Police	704P	Patrol Vehicle	Jul-23 ²	\$ 16,100
Police	706P	Patrol Vehicle	Jul-23 ²	\$ 13,300
Parks, Recreation, & Facilities	686PR	Pickup Truck	Dec-24	\$ 7,100
Public Works	691ST	Streets - Pickup Truck	Jul-23 ¹	\$ 8,500

1.) These leases will be extended for at least another year and annually re-evaluated.

2.) These leases have a replacement vehicle programmed in project VE2301.

Justification:

Continuing to lease vehicles is a small cost in the present to delay the larger cost of purchasing a new vehicle. It is prudent to delay purchasing a new vehicle in the current economic climate because there is a scarcity of vehicles that makes purchasing a new vehicle more expensive and it is averaging almost a year between ordering and receiving a new vehicle.

Alternatives and Engagement:

The City may choose to end these leases earlier than the lease expiration date but would have to pay additional fees and would be without the use of a needed vehicle. This would require the purchase of a replacement vehicle earlier than planned.

Leasing these vehicles does not directly impact the public, so no engagement is planned.

Anticipated Project Expenditures and Timeline:

FY 2022 Expenditures*	Budget Carry Forward Estimate	10/01/2022 – 9/30/2023	10/01/2023 – 9/30/2024	10/01/2024 – 9/30/2025	10/01/2025 – 9/30/2026	10/01/2026 – 9/30/2027
\$ 206,870	\$ 0	\$ 190,700	\$ 95,900	\$ 78,900	\$ 77,700	\$ 77,700

*Includes lease payments that are scheduled but have not yet been made.

Project Funding:

General Fund	Enterprise	Bond	Metro Sales Tax	Grants	Anticipated Grant Funding	Total
\$ 727,770	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 727,770

Estimated Annual Operating Budget Impact:	
O&M	\$ 0
Labor	\$ 0
Other	\$ 0
Total	\$ 0

This project is not anticipated to have significant an operating budget impact. The leased vehicle already has fuel and maintenance costs accounted for in the respective department budgets. When the lease ends, this fuel and maintenance budget allocation will be used to support the vehicle purchased to replace the leased vehicle.

City of Bellaire FY 2023-2027 Capital Improvement Plan

Project ID: VE2204

Project Name: General Fund Miscellaneous Equipment

Managing Department: Parks, Recreation and Facilities

Total Estimated Cost: \$ 127,500

Category: Vehicles, Equipment, & Technology

Urgency: Fire-Life Safety, Operational Savings/ Value Enhancement

Core Values: Community Governance Infrastructure Public Safety Quality of Life Land Use & Zoning

Project Description:

This is an ongoing project to make equipment purchases for General Fund operations. Currently the program annual funds \$10,000 for the replacement of ten handheld radios for the Police Department to assure the technology is up to date. FY 2023 also includes \$27,500 for a roller compactor for the Streets division of Public Works. A roller compactor is a piece of machinery that is used to compact materials, like soil and asphalt. Compaction decreases the likelihood of settlement after a roadway is constructed, which could result in premature pavement failure, costly maintenance or repairs. Soil compaction is a crucial part of the construction process as it provides a strong working platform.

Justification:

First-responder radios are used every day and go through significant wear and tear, so they must be periodically replaced. Additionally, modern-day radios are sophisticated pieces of technology that can be programmed with hundreds of channels and have displays, similar to cell phones. This is important during emergency operations as Bellaire's first-responder radios must be able to talk to the radios of the dozens of other responder agencies in Harris County for efficient emergency response coordination. If Bellaire's radios go out of date, the City's first responders may not be able to talk to other agencies. It is incredibly important that Bellaire's first responders be able to rely on their radios. Contact with dispatchers to receive critical information about the people they may be coming into contact can be lifesaving. Using their radios to call for backup in dangerous situations can also be a lifesaving decision.

The roller is replacing an older and less efficient hand operated compaction tool that has reached the end of its useful life. The new roller will allow Public Works crews to work on longer stretches of roadway at a time, making the crews more efficient. This increase in efficiency may allow Public Works crews to do more street repairs in house instead of outsourcing the work, saving money in the long-term.

Alternatives and Engagement:

Replacing the radios could be delayed, but it increases the chances of a radio failing at a critical moment. By statute and best practices, cell phones are not an alternative. Radio signals have stronger signal strength that can penetrate building interiors where a cell phone would likely lose signal. The roller can be delayed with minimal impact on current operations, but the anticipated efficiencies would not be gained.

Purchasing the radios and the roller will not directly impact the public, so no engagement is planned. Procurement rules will be followed, so that the public is notified of the opportunity to bid on the procurement as appropriate.

Anticipated Project Expenditures and Timeline:

FY 2022 Expenditures	Budget Carry Forward Estimate*	10/01/2022 – 9/30/2023	10/01/2023 – 9/30/2024	10/01/2024 – 9/30/2025	10/01/2025 – 9/30/2026	10/01/2026 – 9/30/2027
\$ 1,000	\$ 49,000	\$ 37,500	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000

*Carry Forward Estimate based on the FY 2022 Budget, less year-to-date expenses as of May 01, 2022.

Project Funding:

General Fund	Enterprise	Bond	Metro Sales Tax	Grants	Anticipated Grant Funding	Total
\$ 100,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 127,500

Estimated Annual Operating Budget Impact:	
O&M	\$ 1,000
Labor	\$ 0
Other	\$ 0
Total	\$ 1,000

The radios planned for replacement already have maintenance costs accounted for in the department's budget. The roller is anticipated to have \$1,000 in annual expenses for fuel and maintenance.

FY 2023 MULTI-PURPOSE BUDGET REQUEST FORM

DEPARTMENT/DIVISION: Public Works / Streets and Traffic

REQUEST TITLE: New Asphalt Roller

REQUEST PRIORITY RANKING:

REQUEST TYPE (Select one):

<input type="checkbox"/> Budget Enhancement <input type="checkbox"/> Item Added to Base <input checked="" type="checkbox"/> Vehicles and Equipment <input type="checkbox"/> Capital Outlay <input type="checkbox"/> Information Technology	<input type="checkbox"/> Facilities Maintenance <input type="checkbox"/> Part Time Pay <input type="checkbox"/> Overtime Pay <input type="checkbox"/> Call Out Pay <input type="checkbox"/> Tuition Reimbursement
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Request to Revise Position(s) - addition, elimination, or reclassification of positions
 (Attach a memo to HR describing the proposed changes and providing justification to support the proposed changes.)

No fee (revenue) changes proposed for the budget (If there are proposed fee changes, leave this box blank and complete the Proposed Fee Changes Form.)

BUDGET IMPACT SUMMARY:

(Each Expenditure Code must have its own line. Add lines as necessary.)

<u>Full Account Code</u>	<u>FY 2023 (Initial Year)</u>	<u>Subsequent Annual Cost</u>
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100-5-8051-906 Machinery & Equip.	\$25,000	\$1,000 Fuel & Maintenance
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DESCRIPTION AND JUSTIFICATION:

The Street and Traffic team consists of 5 employees and is a component of the overall strategy of the Public Works Department to maintain Bellaire Streets. One of the larger components of the work performed by the team is asphalt repair and rehabilitation. Compaction of asphalt is the key to longevity. Presently the team achieves compaction with a vibra-plate pneumatic device. This device is reaching the end of its service life and needs replacement. The roller will not only replace the vibra-plate, but it will also provide superior compaction and will save money as the repairs made using this new piece of equipment will last longer than those previously made with the vibra-plate.

RD12L

Tandem Rollers



**WACKER
NEUSON**
all it takes!



High performance roller for excellent compaction results

The RD12L tandem vibratory roller with 35.4 inch (900 mm) drum width and an overall operating weight of 1.2 tons includes dual drum drive and articulated steering for excellent maneuverability. A front drum vibration and static rear drum offer a highly efficient and compact roller. This machine is ideally suited for commercial and residential compaction of asphalt and granular subbase material. Primary applications include parking lots, driveways, secondary roads, repair work and nature trails. Additionally, the RD12L is utilized for turf rolling in the landscape and golf industry segments.

- Increased water & fuel capacity minimizes the need for refilling during the day increasing jobsite efficiency.
- Fully recessed hydraulic motors provide excellent curb and side clearance allowing easy compaction near curbs, walls, and in confined areas.
- Unique hood design and pivoting floor plate provide quick, tool-free, and spacious access to engine, hydraulic and water systems.
- Ergonomically designed operator station provides comfort and efficiency to the operator. Ergonomic joystick with integrated water and vibration functions. Fuel and water gauges provide operator feedback to fluid levels during operation.
- Powered by a Kohler Command Pro EFI (electronic fuel injection) gasoline engine that requires no choking or priming. Closed loop EFI system provides more power and

RD12L Technical specifications

RD12A Roller

Operating data

Operating weight max.	2,964 lb
L x W x H	74 x 38.8 x 90.6 in
Drum width	35.4 in
Drum diameter	22 in
Side clearance right	1.7 in
Side clearance left	1.7 in
Curb clearance right	15.7 in
Curb clearance left	15.7 in
Centrifugal force dynamic (front drum)	3,400 lbf
Frequency	4,200 Vpm
Amplitude	0.043 in
Linear force - front / rear (static)	31.4 / 39.5 lb/in
Linear force dynamic (front)	96 lb/in
Travel speed forward	5 mph
Travel speed reverse	5 mph
Surface capacity area	78,000 ft ² /h
Gradeability max.	30 %
Turning radius outside	112.2 in

Engine / Motor

Engine / Motor type	air-cooled, gasoline engine
Engine / Motor manufacturer	Kohler EFI ECH650
Displacement	42 in ³
Operating performance max. rated at 3600 rpm	20.8 hp
RPM / speed operating speed	3,100 rpm
Fuel consumption	1.6 US gal/h

Filling capacities

Fuel tank capacity	6.3 US gal
Water tank capacity	35 US gal

Please note: that product availability can vary from country to country. It is possible that information / products may not be available in your country. More detailed information on engine power can be found in the operator's manual; the stated power may vary due to specific operating conditions. Subject to alterations and errors excepted. Applicable also to illustrations.

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City of Bellaire FY 2023-2027 Capital Improvement Plan

Project ID: VE2205

Project Name: Enterprise Fund Vehicle Acquisitions

Managing Department: Parks, Recreation and Facilities

Total Estimated Cost: \$ 458,091

Category: Vehicles, Equipment, & Technology

Urgency: Continuity of Government, Operational Savings/ Value Enhancement

Core Values: Community Governance Infrastructure Public Safety Quality of Life Land Use & Zoning

Project Description:

This is an ongoing project to make vehicle replacement purchases for Enterprise Fund operations. These vehicles, noted to the right, were previously approved in FY 2022.

Department	Unit #	Category/ Use	Estimated Cost ¹
Public Works	618WD	Water - Pickup Truck	\$ 25,848
Public Works	586SW	Garbage Truck	\$ 237,036
Public Works	558SW	Limb Loader	\$ 195,207
1.) Estimated cost includes any necessary decals and special equipment.			

Justification:

Bellaire maintains a replacement schedule of its vehicles to manage the lifecycle of the fleet. This ensures that vehicles are replaced before they become too unsafe and too costly to maintain. However, before a replacement vehicle is purchased, the vehicle to be replaced is first evaluated and scored based on the following criteria:

- Age as % of anticipated life;
- Maintenance and repairs as percentage of replacement costs;
- Condition, based on criteria established by the National Auto Auction Association;
- Usage, with vehicle seeing regular activity scoring more 'replacement points'; and
- Reliability in terms of annual repairs/ breakdowns.

This scoring ensure that Bellaire keeps vehicles in service that are still functioning well and only replaces vehicles that are truly too expensive and unreliable to keep.

Alternatives and Engagement:

Replacing the vehicles could be delayed, but it increases the chances of a severe mechanical failure that puts lives at risk while the vehicle is being operated, and results in costly repairs. Instead of buying new vehicles, Bellaire could lease vehicles, but this is more expensive overtime.

Purchasing these vehicles will not directly impact the public, so no engagement is planned.

Anticipated Project Expenditures and Timeline:

FY 2022 Expenditures	Budget Carry Forward Estimate*	10/01/2022 – 9/30/2023	10/01/2023 – 9/30/2024	10/01/2024 – 9/30/2025	10/01/2025 – 9/30/2026	10/01/2026 – 9/30/2027
\$ 0	\$ 458,091	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0

*Carry Forward Estimate based on the FY 2022 Budget, less year-to-date expenses as of May 01, 2022.

Project Funding:

General Fund	Enterprise	Bond	Metro Sales Tax	Grants	Anticipated Grant Funding	Total
\$ 0	\$ 458,091	\$ 0	\$ 0	\$ 0	\$ 0	\$ 458,091

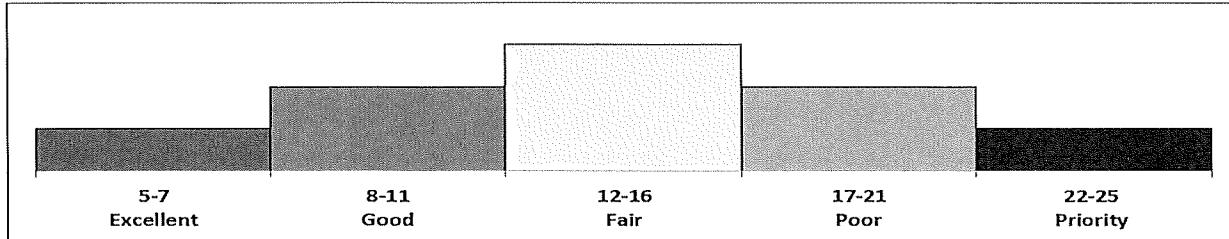
Estimated Annual Operating Budget Impact:	
O&M	\$ 0
Labor	\$ 0
Other	\$ 0
Total	\$ 0

This project is not anticipated to have significant an operating budget impact. The vehicles planned for replacement already have fuel and maintenance costs accounted for in the respective department budgets.

FY 2022 VEHICLE AND EQUIPMENT SCORING FORM

Dept.	PW /WD		
Vehicle #	#618		
Mileage	40279		
Lease		Purchase	x

Point Value	1	2	3	4	5	Total Points
Age As % of Anticipated Life	Less than 25%	25-50%	50-75%	75-99%	Over 100%	5
Maint. & Repairs As % of Repl. Costs	0-15%	15-35%	35-60%	60-80%	Over 80%	4
Condition	No visual damage or rust, good drive train	Minor imperfections in body and paint surface, (no rips, tears, burns), good drive train	Noticeable imperfections in body and paint surface, minor rust, minor damage for add-on equipment, worn interior (one or more rips, tears, burns) and weak or noisy drive train	Previous accident damage, poor paint and body condition, rust (holes), bad interior (rips, tears, cracked dash) major damage for add-on equipment and on drive train component bad (cracked dash)	Previous accident damage, poor paint and body condition, rust (holes), bad interior (rips, tears, cracked dash) major damage for add-on equipment and drive train component bad	5
Usage	Reserve, Non-Emergency	Reserve, Emergency	Active - Other Services	Active - Public Infrastructure	Active - Emergency	4
Reliability in terms of Annual Repairs/ Breakdowns (either/or)	2/0	3/1	4/2	5/3	6/4	4
Total Score						22



City of Bellaire FY 2023-2027 Capital Improvement Plan

Project ID: VE2206

Project Name: Enterprise Fund Lease Program

Managing Department: Parks, Recreation and Facilities

Total Estimated Cost: \$ 16,813

Category: Vehicles, Equipment, & Technology

Urgency: Operational Savings/ Value Enhancement

Core Values: Community Governance Infrastructure Public Safety Quality of Life Land Use & Zoning

Project Description:

This is an ongoing project to lease a pickup truck (701WD) for the Public Works department's water/ wastewater utility line team. The lease expires in April 2024.

Justification:

Bellaire is in a legal agreement with Enterprise Fleet Management to lease the vehicle referenced above. The lease agreement expires in April 2024 and the City does not plan to renew the lease. A vehicle purchase is planned in FY 2024 to replace the currently leased vehicle.

Alternatives and Engagement:

There is no alternative to this project because Bellaire is in a legal agreement with Enterprise Fleet Management to lease the vehicle referenced above. The lease agreement expires in April 2024 and the City does not plan to renew the lease.

Leasing this vehicle does not directly impact the public, so no engagement is planned.

Anticipated Project Expenditures and Timeline:

FY 2022 Expenditures*	Budget Carry Forward Estimate	10/01/2022 – 9/30/2023	10/01/2023 – 9/30/2024	10/01/2024 – 9/30/2025	10/01/2025 – 9/30/2026	10/01/2026 – 9/30/2027
\$ 6,113	\$ 0	\$ 7,100	\$ 3,600	\$ 0	\$ 0	\$ 0

*Includes lease payments that are scheduled but have not yet been made.

Project Funding:

General Fund	Enterprise	Bond	Metro Sales Tax	Grants	Anticipated Grant Funding	Total
\$ 0	\$ 16,813	\$ 0	\$ 0	\$ 0	\$ 0	\$ 16,813

Estimated Annual Operating Budget Impact:	
O&M	\$ 0
Labor	\$ 0
Other	\$ 0
Total	\$ 0

This project is not anticipated to have significant an operating budget impact. The leased vehicle already has fuel and maintenance costs accounted for in the respective department budgets. When the lease ends, this fuel and maintenance budget allocation will be used to support the vehicle purchased to replace the leased vehicle.

City of Bellaire FY 2023-2027 Capital Improvement Plan

Project ID: VE2301

Project Name: General Fund Vehicle Acquisitions

Managing Department: Parks, Recreation and Facilities

Total Estimated Cost: \$ 2,744,000

Category: Vehicles, Equipment, & Technology

Urgency: Fire-Life Safety

Core Values: Community Governance Infrastructure Public Safety Quality of Life Land Use & Zoning

Project Description:

This project is for planned vehicle and heavy equipment replacement purchases for General Fund operations. FY 2023 will replace the vehicles noted in the table to the right. This includes four vehicles not on the replacement schedule that are being purchased due to expiring leases and the City choosing not to continue its lease program.

Department	Unit #	Category/ Use	Estimated Cost ¹
Police	633P	Assigned Vehicles-II (SUV)	\$ 69,800
Police	653P	Assigned Vehicles-I (SUV)	\$ 69,800
Police	702P ²	Patrol Vehicle	\$ 80,800
Police	703P ²	Patrol Vehicle	\$ 80,800
Police	704P ²	Patrol Vehicle	\$ 80,800
Police	706P ²	Patrol Vehicle	\$ 80,800

1.) Estimated cost includes any necessary decals, special equipment, and contingency due to escalating commodity prices.
2.) Replacement of a vehicle lease expiring in June/July 2023; Bellaire is not renewing these vehicle leases.

Justification:

Bellaire maintains a replacement schedule of its vehicles to manage the lifecycle of the fleet. This ensures that vehicles are replaced before they become too unsafe and too costly to maintain. However, before a replacement vehicle is purchased, the vehicle to be replaced is first evaluated and scored based on the following criteria:

- Age as % of anticipated life;
- Maintenance and repairs as percentage of replacement costs;
- Condition, based on criteria established by the National Auto Auction Association;
- Usage, with vehicle seeing regular activity scoring more 'replacement points'; and
- Reliability in terms of annual repairs/ breakdowns.

This scoring ensure that Bellaire keeps vehicles in service that are still functioning well and only replaces vehicles that are truly too expensive and unreliable to keep.

Alternatives and Engagement:

Replacing the vehicles could be delayed, but it increases the chances of a severe mechanical failure that puts lives at risk while the vehicle is being operated, and results in costly repairs. Instead of buying new vehicles, Bellaire could lease vehicles, but this is more expensive overtime.

Purchasing these vehicles will not directly impact the public, so no engagement is planned.

Anticipated Project Expenditures and Timeline:

FY 2022 Expenditures	Budget Carry Forward Estimate	10/01/2022 – 9/30/2023	10/01/2023 – 9/30/2024	10/01/2024 – 9/30/2025	10/01/2025 – 9/30/2026	10/01/2026 – 9/30/2027
\$ 0	\$ 0	\$ 462,800	\$ 754,500	\$ 420,300	\$ 752,300	\$ 354,100

Project Funding:

General Fund	Enterprise	Bond	Metro Sales Tax	Grants	Anticipated Grant Funding	Total
\$ 2,744,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 2,744,000

Estimated Annual Operating Budget Impact:	
O&M	\$ 0
Labor	\$ 0
Other	\$ 0
Total	\$ 0

This project is not anticipated to have significant an operating budget impact. The vehicles planned for replacement already have fuel and maintenance costs accounted for in the respective department budgets. Fuel and maintenance are also already budgeted for the vehicles that were being leased.

FY 2023 MULTI-PURPOSE BUDGET REQUEST FORM

DEPARTMENT/DIVISION: POLICE

REQUEST TITLE: 2023 Dodge Durango

REQUEST PRIORITY RANKING:

5

REQUEST TYPE (Select one):

<input type="checkbox"/> Budget Enhancement <input type="checkbox"/> Item Added To Base <input checked="" type="checkbox"/> Vehicles and Equipment <input type="checkbox"/> Capital Outlay <input type="checkbox"/> Information Technology <input type="checkbox"/> Request to Revise Position(s) - addition, elimination, or reclassification of positions (Attach a memo to HR describing the proposed changes and providing justification to support the proposed changes.)	<input type="checkbox"/> Facilities Maintenance <input type="checkbox"/> Part Time Pay <input type="checkbox"/> Overtime Pay <input type="checkbox"/> Call Out Pay <input type="checkbox"/> Tuition Reimbursement <input type="checkbox"/> No fee (revenue) changes proposed for the budget (If there are proposed fee changes, leave this box blank and complete the Proposed Fee Changes Form.)
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BUDGET IMPACT SUMMARY:

(Each Expenditure Code must have its own line. Add lines as necessary.)

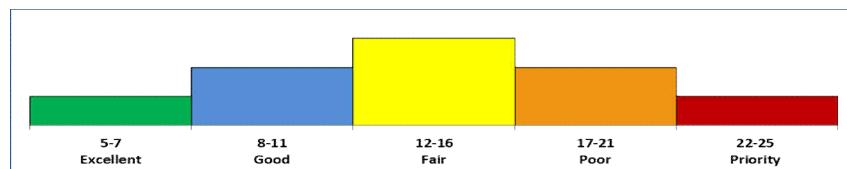
<u>Full Account Code</u>	<u>FY 2023 (Initial Year)</u>	<u>Subsequent Annual Cost</u>
	\$50,992.70 Vehicle	
	\$12,000.00 Upfit	
	\$400 Buy Board Fee	

DESCRIPTION AND JUSTIFICATION:

Replacement of unmarked vehicle for the Criminal Investigation Division fleet. 2016 Ford Explorer with emergency equipment and rear compartment storage. This unit will replace Unit 633P.

Dept.	Patrol				
Vehicle #	633P				
Mileage	71732				

Point Value	1	2	3	4	5	Total Points
Age As % of Anticipated Life	Less than 25%	25-50%	50-75%	75-99%	Over 100%	5
Maint. & Repairs As % of Repl. Costs	0-15%	15-35%	35-60%	60-80%	Over 80%	3
Condition	<p>Vehicle in excellent condition</p> <ul style="list-style-type: none"> • PAINT & BODY - Only minor defects in panel surfaces requiring no conventional body or paint work - May have had limited high quality repairs performed - No missing, broken, or damaged parts that require replacement - No visible glass damage • INTERIOR - No missing, broken, or damaged parts that require replacement - No cuts or tears that require repair - Shows no signs of wear - No noticeable offensive odor • FRAME/ UNIBODY - Frame/ structure has not been repaired or altered - Expected to measure to published specifications • MECHANICAL - Mechanically sound - All accessories are operable - All fluid levels full and clean • TIRES - All match by brand, size and style - Near new condition. 	<p>Vehicle is better than average</p> <ul style="list-style-type: none"> • PAINT & BODY - Minor chips or scratches in panel surfaces requiring minor conventional body and paint work - May require removal of small dents that have not broken the paint using Paintless Dent Repair - May have had high quality conventional repairs of cosmetic or light collision damage - May require replacement of minor missing or broken part - No visible glass damage beyond minor pitting of windshield • INTERIOR - Clean, showing minimal wear - May require replacement of minor missing or broken part - No noticeable offensive odor • FRAME/ UNIBODY - Frame/structure has not been repaired or altered - Expected to measure to published specifications • MECHANICAL - Mechanically sound - All accessories are operable - Fluids may require service • TIRES - All match by brand, size and style - Good or better condition. 	<p>Normal wear and tear</p> <ul style="list-style-type: none"> • PAINT & BODY - May require conventional body and paint work - May require replacement of parts - May have sustained cosmetic or light collision damage and been repaired to collision industry standards - Windshield may be damaged • INTERIOR - Shows signs of normal wear and usage - May require repair or replacement of parts • FRAME/ UNIBODY - Frame/structure has not been repaired or altered - Expected to measure to published specifications • MECHANICAL - Mechanically sound - May require maintenance - May require minor repair of accessories - Fluid levels may be low or require replacement • TIRES - Average or better - Match by size and style 	<p>Shows signs of excessive wear and tear</p> <ul style="list-style-type: none"> • PAINT & BODY - Dents, scratches, and body panels that may require replacement - Parts may be broken and missing - May have multiple prior repairs performed at substandard levels - May have repaired or unrepainted collision damage • INTERIOR - Shows signs of excess wear - May have burns, cuts, tears, and non-removable stains • FRAME/ UNIBODY - May have repaired or unrepainted frame/structure damage - May not measure to published specifications • MECHANICAL - May have mechanical damage that prohibits vehicle from operating properly - Engine and/or transmission may be in poor condition - Operability of accessories is questionable • TIRES - May be worn or mismatched 	<p>Priority Replacement</p> <ul style="list-style-type: none"> - May have sustained major collision damage, but may be drivable - May be cost prohibitive to extensively recondition this vehicle by automotive industry standards - Frame/ Structure may not measure to published specifications - May have missing or disconnected mechanical parts - Although operable, this vehicle is near the end of its useful life - Operability of accessories is doubtful 	4
Usage	Reserve, Non-Emergency	Reserve, Emergency	Active - Other Services	Active - Public Infrastructure	Active - Emergency	5
Reliability in terms of Annual Repairs/ Breakdowns (either/or)	2/0	3/1	4/2	5/3	6/4	3
Total Score						20



FY 2023 MULTI-PURPOSE BUDGET REQUEST FORM

DEPARTMENT/DIVISION: POLICE

REQUEST TITLE: 2023 Dodge Durango

REQUEST PRIORITY RANKING:

6

REQUEST TYPE (Select one):

<input type="checkbox"/> Budget Enhancement <input type="checkbox"/> Item Added To Base <input checked="" type="checkbox"/> Vehicles and Equipment <input type="checkbox"/> Capital Outlay <input type="checkbox"/> Information Technology <input type="checkbox"/> Request to Revise Position(s) - addition, elimination, or reclassification of positions (Attach a memo to HR describing the proposed changes and providing justification to support the proposed changes.)	<input type="checkbox"/> Facilities Maintenance <input type="checkbox"/> Part Time Pay <input type="checkbox"/> Overtime Pay <input type="checkbox"/> Call Out Pay <input type="checkbox"/> Tuition Reimbursement <input type="checkbox"/> No fee (revenue) changes proposed for the budget (If there are proposed fee changes, leave this box blank and complete the Proposed Fee Changes Form.)
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BUDGET IMPACT SUMMARY:

(Each Expenditure Code must have its own line. Add lines as necessary.)

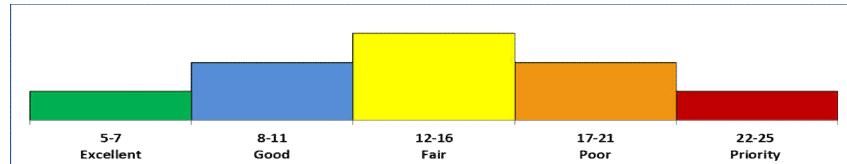
<u>Full Account Code</u>	<u>FY 2023 (Initial Year)</u>	<u>Subsequent Annual Cost</u>
	\$50,992.70 Vehicle	
	\$12,000.00 Upfit	

DESCRIPTION AND JUSTIFICATION:

Replacement of unmarked vehicle for the Criminal Investigation Division fleet. 2023 Dodge Durango with emergency equipment and rear compartment storage. This unit will replace a retiring unmarked patrol captain vehicle (Unit 653P - Tahoe).

Dept.	Police				
Vehicle #	653P				
Mileage	81701				

Point Value	1	2	3	4	5	Total Points
Age As % of Anticipated Life	Less than 25%	25-50%	50-75%	75-99%	Over 100%	4
Maint. & Repairs As % of Repl. Costs	0-15%	15-35%	35-60%	60-80%	Over 80%	3
Condition	<p>Vehicle in excellent condition</p> <ul style="list-style-type: none"> • PAINT & BODY - Only minor defects in panel surfaces requiring no conventional body or paint work - May have had limited high quality repairs performed - No missing, broken, or damaged parts that require replacement - No visible glass damage • INTERIOR - No missing, broken, or damaged parts that require replacement - No cuts or tears that require repair - Shows no signs of wear - No noticeable offensive odor • FRAME/ UNIBODY - Frame/ structure has not been repaired or altered - Expected to measure to published specifications • MECHANICAL - Mechanically sound - All accessories are operable - All fluid levels full and clean • TIRES - All match by brand, size and style - Near new condition. 	<p>Vehicle is better than average</p> <ul style="list-style-type: none"> • PAINT & BODY - Minor chips or scratches in panel surfaces requiring minor conventional body and paint work - May require removal of small dents that have not broken the paint using Paintless Dent Repair - May have had high quality conventional repairs of cosmetic or light collision damage - May require replacement of minor missing or broken part - No visible glass damage beyond minor pitting of windshield • INTERIOR - Clean, showing minimal wear - May require replacement of minor missing or broken part - No noticeable offensive odor • FRAME/ UNIBODY - Frame/structure has not been repaired or altered - Expected to measure to published specifications • MECHANICAL - Mechanically sound - All accessories are operable - Fluids may require service • TIRES - All match by brand, size and style - Good or better condition. 	<p>Normal wear and tear</p> <ul style="list-style-type: none"> • PAINT & BODY - May require conventional body and paint work - May require replacement of parts - May have sustained cosmetic or light collision damage and been repaired to collision industry standards - Windshield may be damaged • INTERIOR - Shows signs of normal wear and usage - May require repair or replacement of parts • FRAME/ UNIBODY - Frame/structure has not been repaired or altered - Expected to measure to published specifications • MECHANICAL - Mechanically sound - May require maintenance - May require minor repair of accessories - Fluid levels may be low or require replacement • TIRES - Average or better - Match by size and style 	<p>Shows signs of excessive wear and tear</p> <ul style="list-style-type: none"> • PAINT & BODY - Dents, scratches, and body panels that may require replacement - Parts may be broken and missing - May have multiple prior repairs performed at substandard levels - May have repaired or unrepainted collision damage • INTERIOR - Shows signs of excess wear - May have burns, cuts, tears, and non-removable stains • FRAME/ UNIBODY - May have repaired or unrepainted frame/structure damage - May not measure to published specifications • MECHANICAL - May have mechanical damage that prohibits vehicle from operating properly - Engine and/or transmission may be in poor condition - Operability of accessories is questionable • TIRES - May be worn or mismatched 	<p>Priority Replacement</p> <ul style="list-style-type: none"> - May have sustained major collision damage, but may be drivable - May be cost prohibitive to extensively recondition this vehicle by automotive industry standards - Frame/ Structure may not measure to published specifications - May have missing or disconnected mechanical parts - Although operable, this vehicle is near the end of its useful life - Operability of accessories is doubtful 	4
Usage	Reserve, Non-Emergency	Reserve, Emergency	Active - Other Services	Active - Public Infrastructure	Active - Emergency	5
Reliability in terms of Annual Repairs/ Breakdowns (either/or)	2/0	3/1	4/2	5/3	6/4	3
Total Score						19



FY 2023 MULTI-PURPOSE BUDGET REQUEST FORM

DEPARTMENT/DIVISION: POLICE

REQUEST TITLE: 2023 FORD INTERCEPTOR

REQUEST PRIORITY RANKING:

1

REQUEST TYPE (Select one):

<input type="checkbox"/> Budget Enhancement <input type="checkbox"/> Item Added To Base <input checked="" type="checkbox"/> Vehicles and Equipment <input type="checkbox"/> Capital Outlay <input type="checkbox"/> Information Technology <input type="checkbox"/> Request to Revise Position(s) - addition, elimination, or reclassification of positions (Attach a memo to HR describing the proposed changes and providing justification to support the proposed changes.)	<input type="checkbox"/> Facilities Maintenance <input type="checkbox"/> Part Time Pay <input type="checkbox"/> Overtime Pay <input type="checkbox"/> Call Out Pay <input type="checkbox"/> Tuition Reimbursement <input type="checkbox"/> No fee (revenue) changes proposed for the budget (If there are proposed fee changes, leave this box blank and complete the Proposed Fee Changes Form.)
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BUDGET IMPACT SUMMARY:

(Each Expenditure Code must have its own line. Add lines as necessary.)

<u>Full Account Code</u>	<u>FY 2023 (Initial Year)</u>	<u>Subsequent Annual Cost</u>
	\$69,685 Chassis and upfit	
	\$3,345 Extended Warranty	
	\$400 Buy Board Fee	

DESCRIPTION AND JUSTIFICATION:

Replacement patrol car 702P for the PD fleet. 2023 Ford Interceptor Utility with extended warranty, emergency equipment, and vehicle recording system. This unit will replace a patrol car due to the termination of the Enterprise Agreement.

FY 2023 MULTI-PURPOSE BUDGET REQUEST FORM

DEPARTMENT/DIVISION: POLICE

REQUEST TITLE: 2023 FORD INTERCEPTOR

REQUEST PRIORITY RANKING:

2

REQUEST TYPE (Select one):

<input type="checkbox"/> Budget Enhancement <input type="checkbox"/> Item Added To Base <input checked="" type="checkbox"/> Vehicles and Equipment <input type="checkbox"/> Capital Outlay <input type="checkbox"/> Information Technology <input type="checkbox"/> Request to Revise Position(s) - addition, elimination, or reclassification of positions (Attach a memo to HR describing the proposed changes and providing justification to support the proposed changes.)	<input type="checkbox"/> Facilities Maintenance <input type="checkbox"/> Part Time Pay <input type="checkbox"/> Overtime Pay <input type="checkbox"/> Call Out Pay <input type="checkbox"/> Tuition Reimbursement <input type="checkbox"/> No fee (revenue) changes proposed for the budget (If there are proposed fee changes, leave this box blank and complete the Proposed Fee Changes Form.)
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BUDGET IMPACT SUMMARY:

(Each Expenditure Code must have its own line. Add lines as necessary.)

<u>Full Account Code</u>	<u>FY 2023 (Initial Year)</u>	<u>Subsequent Annual Cost</u>
	\$69,685 Chassis and upfit	
	\$3,345 Extended Warranty	

DESCRIPTION AND JUSTIFICATION:

Replacement patrol car 703P for the PD fleet. 2023 Ford Interceptor Utility with extended warranty, emergency equipment, and vehicle recording system. This unit will replace a patrol car due to the termination of the Enterprise Agreement.

FY 2023 MULTI-PURPOSE BUDGET REQUEST FORM

DEPARTMENT/DIVISION: POLICE

REQUEST TITLE: 2023 FORD INTERCEPTOR

REQUEST PRIORITY RANKING:

3

REQUEST TYPE (Select one):

<input type="checkbox"/> Budget Enhancement <input type="checkbox"/> Item Added To Base <input checked="" type="checkbox"/> Vehicles and Equipment <input type="checkbox"/> Capital Outlay <input type="checkbox"/> Information Technology <input type="checkbox"/> Request to Revise Position(s) - addition, elimination, or reclassification of positions (Attach a memo to HR describing the proposed changes and providing justification to support the proposed changes.)	<input type="checkbox"/> Facilities Maintenance <input type="checkbox"/> Part Time Pay <input type="checkbox"/> Overtime Pay <input type="checkbox"/> Call Out Pay <input type="checkbox"/> Tuition Reimbursement <input type="checkbox"/> No fee (revenue) changes proposed for the budget (If there are proposed fee changes, leave this box blank and complete the Proposed Fee Changes Form.)
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BUDGET IMPACT SUMMARY:

(Each Expenditure Code must have its own line. Add lines as necessary.)

<u>Full Account Code</u>	<u>FY 2023 (Initial Year)</u>	<u>Subsequent Annual Cost</u>
	\$69,685 Chassis and upfit	
	\$3,345 Extended Warranty	

DESCRIPTION AND JUSTIFICATION:

Replacement patrol car 704P for the PD fleet. 2023 Ford Interceptor Utility with extended warranty, emergency equipment, and vehicle recording system. This unit will replace a patrol car due to the termination of the Enterprise Agreement.

FY 2023 MULTI-PURPOSE BUDGET REQUEST FORM

DEPARTMENT/DIVISION: POLICE

REQUEST TITLE: 2023 FORD INTERCEPTOR

REQUEST PRIORITY RANKING:

4

REQUEST TYPE (Select one):

<input type="checkbox"/> Budget Enhancement <input type="checkbox"/> Item Added To Base <input checked="" type="checkbox"/> Vehicles and Equipment <input type="checkbox"/> Capital Outlay <input type="checkbox"/> Information Technology <input type="checkbox"/> Request to Revise Position(s) - addition, elimination, or reclassification of positions (Attach a memo to HR describing the proposed changes and providing justification to support the proposed changes.)	<input type="checkbox"/> Facilities Maintenance <input type="checkbox"/> Part Time Pay <input type="checkbox"/> Overtime Pay <input type="checkbox"/> Call Out Pay <input type="checkbox"/> Tuition Reimbursement <input type="checkbox"/> No fee (revenue) changes proposed for the budget (If there are proposed fee changes, leave this box blank and complete the Proposed Fee Changes Form.)
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BUDGET IMPACT SUMMARY:

(Each Expenditure Code must have its own line. Add lines as necessary.)

<u>Full Account Code</u>	<u>FY 2023 (Initial Year)</u>	<u>Subsequent Annual Cost</u>
	\$69,685 Chassis and upfit	
	\$3,345 Extended Warranty	

DESCRIPTION AND JUSTIFICATION:

Replacement patrol car 706P for the PD fleet. 2023 Ford Interceptor Utility with extended warranty, emergency equipment, and vehicle recording system. This unit will replace a patrol car due to the termination of the Enterprise Agreement.

City of Bellaire FY 2023-2027 Capital Improvement Plan

Project ID: VE2405

Project Name: Enterprise Fund Vehicle Acquisitions

Managing Department: Parks, Recreation and Facilities

Total Estimated Cost: \$ 2,126,900

Category: Vehicles, Equipment, & Technology

Urgency: Continuity of Government, Operational Savings/ Value Enhancement

Core Values: Community Governance Infrastructure Public Safety Quality of Life Land Use & Zoning

Project Description:

This project is for planned vehicle and heavy equipment replacement purchases for Enterprise Fund operations. FY 2024 will replace the vehicles noted in the table to the right. Additionally, one vehicle (701WD) is not on the replacement schedule and is being purchased due to an expiring lease the City is choosing not to continue.

Department	Unit #	Category/ Use	Estimated Cost ¹
Public Works	612SW	Garbage Truck	\$ 314,900
Public Works	648WWC	Wastewater - Vachunter Vacuum Pumper	\$ 71,300
Public Works	649WWC	Wastewater - Jet Pumper	\$ 95,100
Public Works	701WD ²	Water - Pickup Truck	\$ 36,700
Public Works	707WD	Water - Mini-Excavator	\$ 59,400

1.) Estimated cost includes any necessary decals, special equipment, and contingency due to escalating commodity prices.

2.) Replacement of a vehicle lease expiring in June/July 2023; Bellaire is not renewing vehicle leases and the vehicle lease program will end in FY2025

Justification:

Bellaire maintains a replacement schedule of its vehicles to manage the lifecycle of the fleet. This ensures that vehicles are replaced before they become too unsafe and too costly to maintain. However, before a replacement vehicle is purchased, the vehicle to be replaced is first evaluated and scored based on the following criteria:

- Age as % of anticipated life;
- Maintenance and repairs as percentage of replacement costs;
- Condition, based on criteria established by the National Auto Auction Association;
- Usage, with vehicle seeing regular activity scoring more 'replacement points'; and
- Reliability in terms of annual repairs/ breakdowns.

This scoring ensure that Bellaire keeps vehicles in service that are still functioning well and only replaces vehicles that are truly too expensive and unreliable to keep.

Alternatives and Engagement:

Replacing these vehicles and equipment could be delayed, but it increases the chances of a severe mechanical failure that puts lives at risk while the equipment is being operated, and results in costly repairs. Instead of buying new equipment, Bellaire could lease vehicles, but this is more expensive overtime. The pumper trucks could be rented, but are used almost daily, so the cost to rent would quickly outpace the cost to purchase.

Purchasing these vehicles will not directly impact the public, so no engagement is planned.

Anticipated Project Expenditures and Timeline:

FY 2022 Expenditures	Budget Carry Forward Estimate	10/01/2022 – 9/30/2023	10/01/2023 – 9/30/2024	10/01/2024 – 9/30/2025	10/01/2025 – 9/30/2026	10/01/2026 – 9/30/2027
\$ 0	\$ 0	\$ 0	\$ 577,400	\$ 746,600	\$ 461,800	\$ 341,100

Project Funding:

General Fund	Enterprise	Bond	Metro Sales Tax	Grants	Anticipated Grant Funding	Total
\$ 0	\$ 2,126,900	\$ 0	\$ 0	\$ 0	\$ 0	\$ 2,126,900

Estimated Annual Operating Budget Impact:	
O&M	\$ 0
Labor	\$ 0
Other	\$ 0
Total	\$ 0

This project is not anticipated to have significant an operating budget impact. The vehicles planned for replacement already have fuel and maintenance costs accounted for in the respective department budgets. Fuel and maintenance is also already budgeted for the vehicle that was being leased.

5-year CIP Recommendations from the Parks and Recreation Advisory Board on March 16, 2022

The FY 2023 - FY 2026 Projects and the Future Projects list shown below represent the recommendations from the Parks Board and may or may not be reflected in the adopted CIP.

Description	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027
Mulberry Park parking lot engineer approved design drawing	\$ 50,000				
Mulberry Park parking lot construction		\$ 200,000			
Holly Street (Combined into one project)				\$ 150,000	
Playground, Shade Structure and Park Amenities				\$ 100,000	
Loftin Park				\$ 120,000	
Bellaire Little League concession stand concept and design			\$ 60,000		
Bellaire Little League concession stand construction				\$ 700,000	
Evergreen Park Phase 1 (playground area) NOTE: Funds allocated to parks, Ord. No. 14-049	\$ 189,500				
Evergreen Park design		\$ 200,000			
Evergreen Park construction			\$ 4,900,000		
Replace tennis court lights (Feld, Town Square and Mulberry)			\$ 120,000		
Recreation Center Conceptual design and cost estimate		\$ 50,000			
Recreation Center construction design drawings			\$ 200,000		
Recreation Center renovation				\$ 1,000,000	
Feld Park conceptual design and cost estimate			\$ 50,000		
Feld Park construction design drawings				\$ 100,000	
Feld Park Construction					\$ 1,000,000
Safe Accessible Parks- Phase 1; ADA accessibility, curb ramps, cross walks, park signage, path repair in parks, safety lighting, etc.	\$ 50,000				
Safe Accessible Parks- Phase 2; ADA accessibility, curb ramps, cross walks, park signage, path repair in parks, safety lighting, etc.		\$ 325,000			
Bellaire entry signs- Design and Cost estimate		\$ 50,000			
Bellaire entry signs- Construction			\$ 300,000		
Total	\$ 289,500	\$ 825,000	\$ 5,630,000	\$ 2,170,000	\$ 1,000,000

Future CIP Project Recommendations	Est. Cost
Dog Park Improvements	\$ 200,000.00
Paseo Park west expansion	\$ 189,150.00
South Rice Esplanade Improvements	\$ 130,000.00
Bellaire Town Square Baseball Field	\$ 500,000.00
Trolley Esplanade Renovation	\$ 1,000,000.00

Total \$ 2,019,150.00

City of Bellaire

Planning and Zoning Commission

To: Mayor and City Council
From: Weldon Taylor, Chair, Planning & Zoning Commission
CC: Joshua Pascua, Capital Projects & Grants Manager
Date: August 11, 2022
Subject: Report and Recommendation on the City of Bellaire's 2023-2027 Draft Five Year Capital Improvement Plan

In the City of Bellaire's Code of Ordinances Chapter 24-402 – Capital Improvement Program, each year the Planning and Zoning Commission should review and comment on the consistency of the Capital Improvement Program with the adopted Comprehensive Plan. At the Commission's July 14 meeting, staff provided a preliminary presentation on the Draft Five-Year FY 2023-2027 Capital Improvement Program to the Commission. After the presentation, the Commission asked questions and were interested in detail for parks, drainage, and infrastructure, which were to be provided for the consideration.

CONSIDERATION:

Further discussion of the City of Bellaire's FY 2023-2027 Capital Improvement Program occurred during the Planning and Zoning Commission's Regular Session on August 11, 2022.

RECOMMENDATION:

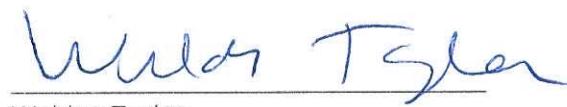
The Planning and Zoning Commission is in favor of the recommendations set forth in the City of Bellaire's Fiscal Years 2023-2027 Capital Improvement Program finding the proposal consistent with the adopted Comprehensive Plan. The Commission reviewed and took note of current progress and plans for specific Fiscal Year 2023 Commission recommendations primarily focused on drainage, park facilities and infrastructure needs. These areas of concern continue to provide an appropriate focus for the Capital Improvement Program under the Comprehensive Plan.

VOTE OF THE COMMISSION:

Members present and voting FOR this recommendation to City Council: Weldon Taylor, Lee Hampton, Jaime Perkins, Cindy Preble, Mike Baker, Jonathan Reichek

Members present and voting AGAINST this recommendation to City Council: None

Members absent: John T. Klug



Weldon Taylor
Chair, Planning and Zoning Commission