

CITY OF MEMPHIS



Mission

To be brilliant at the basics- delivering reliable, responsive, high quality services.

Vision

Memphis is a hub of opportunity, innovation and easy living.

Purpose

Improving quality of life for all Memphians, every day.

City of Memphis Administration



Jim Strickland, Mayor

ADMINISTRATION

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Ursula Madden, **Chief Communications Officer**
Douglas McGowen, **Chief Operating Officer**
Bruce McMullen, **Chief Legal Officer**
Michael Rallings, **Chief of Police**
Alexandria Smith, **Chief Human Resources Officer**

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Manny Belen, **Director, Engineering**
John Zeanah, **Director, Planning and Development**
Robert Knecht, **Director, Public Works**
Keenon McCloy, **Director, Libraries**
Michael Rodriguez, **Chief Information Officer**
Maria Muñoz-Blanco, **Director, Parks and Neighborhoods**
Gina Sweat, **Director, Fire Services**
Paul Young, **Director, Housing and Community Development**

COURTS

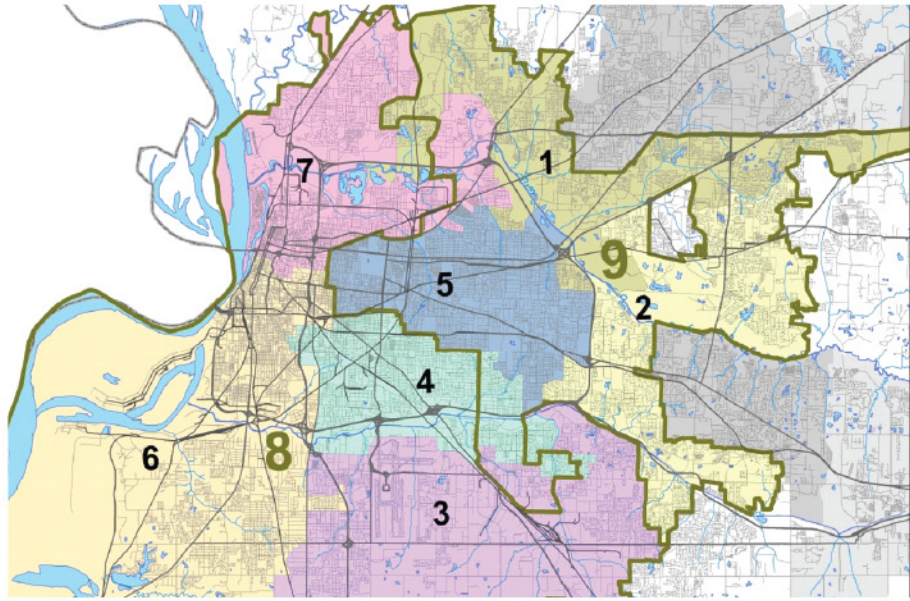
Tarik Sugarmon, **Administrative Judge (Division 2)**
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CHAIRMAN
Berlin Boyd
District 7



Council Members



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District 1



Worth Morgan
District 5



Frank Colvett, Jr.
Vice Chairperson
District 2



Dr. Edmond Ford, Jr.
District 6



Martavius Jones
Super District 8-3



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District 3



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Super District 8-1



Kemp Conrad
Super District 9-1



Jamita Swearengen
District 4



Janis Fullilove
Super District 8-2



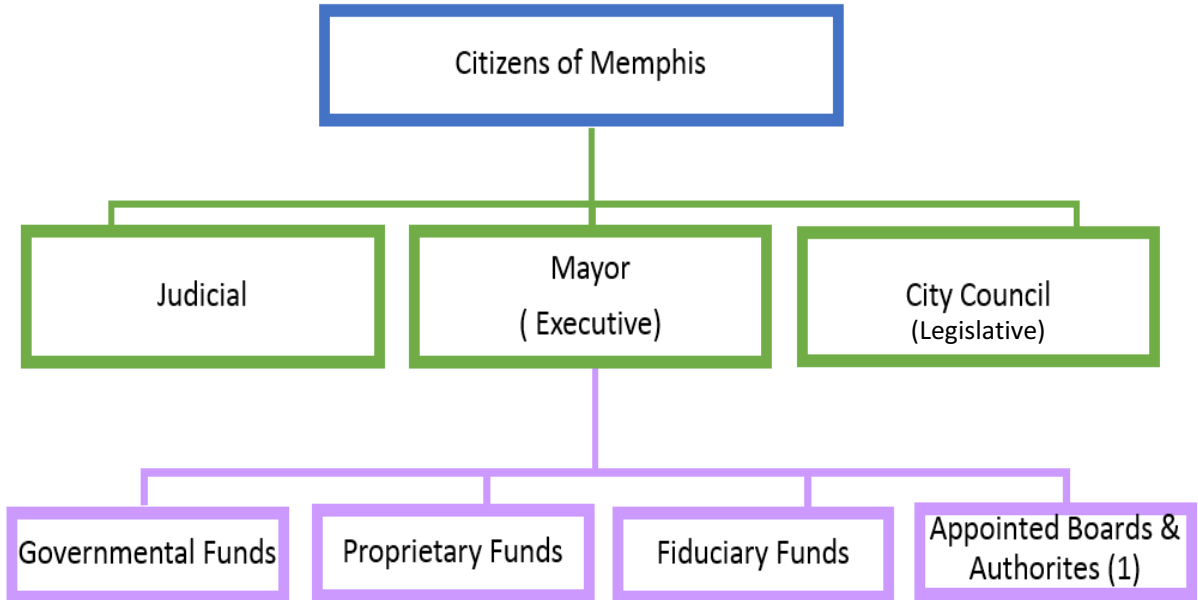
J Ford Canale
Super District 9-2



Reid Hedgepeth
Super District 9-3

CITY OF MEMPHIS, TENNESSEE

ORGANIZATION CHART



(1) The Mayor makes appointments to Boards and Authorities whose budgets are separate but are related organizations, jointly owned or joint ventures. These Boards and Authorities include for example, the Memphis Area Transit Authority, Memphis Light, Gas & Water Division, The Retirement and Pension Systems, Memphis & Shelby County Airport Authority, Memphis & Shelby County Convention Center, Memphis & Shelby County Building Code Advisory and the Downtown Memphis Commission.

PREFACE

This budget document presents an in-depth insight into the City of Memphis Capital Improvement Program (CIP). Through the CIP budget book, it is the intention of the administration to provide readers a comprehensive and transparent view into the use of resources that will bring improvements to the City's infrastructure and enhance the livability of the City for its citizens. This budget book is intended to convey the necessary information to gain a level of understanding of the city's funding for its capital spending priorities.

The table of contents along with identifying tabs organizes this book into major sections and sub-sections to easily guide readers through the information.



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OVERVIEW

Capital Improvement Budget Overview

The Fiscal Years 2019-2023 Capital Improvement Program (CIP) is a multi-year plan for capital expenditures to replace and expand the City's infrastructure, vehicles and equipment. For program purposes, the City defines a capital improvement as a major improvement or acquisition costing over \$50,000 that will last 10 years or more. The City of Memphis' capital projects that are paid with G.O. bonds align with Tennessee Code Annotated (TCA) 9-21-105(21). This code identifies "public works projects" eligible for bond funding. Included in the definition of public works project are moving vehicles, including ambulances, fire department equipment, and law enforcement equipment. As such, vehicles are included in the capital plan as they are purchased in quantities exceeding \$50,000 and meet the definition of a public works project. The program is updated annually to reflect the latest priorities, updated cost estimates and available revenue sources.

The purpose of the CIP Plan is to outline the funding for capital projects and capital acquisitions that will be of a long-term benefit to the citizens of Memphis. Because projects in the CIP Plan have long-term benefits, they are financed over a longer period of time. As a result, present and future users pay for the projects.

The Capital Improvement Budget is the annual allocation that is set aside to fund major construction projects, acquire property, purchase equipment and fund ongoing capital programs for the City. The CIP Budget is a one-year allocation. Adoption of the CIP Budget, by the City Council, allows for the allocation of funds for the first year of the program, or in the case of carried forward projects, a reallocation of unappropriated funding. There are various sources of funding capital, however, General Obligation Bonds (G.O.) is the primary source. The City's budget reflects the average expected amount of G.O. Bond debt to be retired in FY 2019. Specific language on how to appropriate and spend construction funds is contained in the CIP Resolution.

The City's total Capital Budget is \$173.0 million in total allocations for FY 2019. Listed below are the major sources of Capital Funding.

Long Term Debt

General Obligation Bonds are \$85.7 million or 49.53% of the total allocation for FY 2019.

Federal Grants / State Grants

The majority of these Federal funds are for Memphis Area Transit Authority (MATA) projects and Public Works projects that qualify for Federal grants. State grants represent the State-matching portion of the MATA funds and Public Works projects that qualify for State funds. Additional State funding is budgeted for the State Street Aid (SSA) fund. There are no federal and state grants for FY 2019. The federal and state funding represented in this book are carry forward amounts from previous years.

Capital Disposition

Capital Disposition funds represent the proceeds from the sale of City assets (primarily buildings) that will be re-purposed for other building needs. Capital Disposition is \$4.0 million or 2.32% of the total allocation for FY 2019. Currently, Fire Station relocations are the primary focus for re-purposed capital disposition funds.

Capital Pay-Go

The Sewer Fund and the Storm Water Fund current projects are currently funded by Capital-Pay-Go. Projects funded by "Capital-Pay-Go" allocations represent internally generated funds. Capital Pay Go is \$83.3 million or 48.15% of the total allocation for FY 2019.



OVERVIEW

Carry Forward Funding

Projects allocated in previous years' Capital Budgets, that have been delayed, may be carried forward into the next fiscal year, according to the priorities of the administration for spending in the new plan. Carry forward funds represent \$350.5 million. These are approved unspent allocations from prior years CIP plans. These projects could not be appropriated within the prior year because the time frame for completion was greater than one year. Unspent allocations are shown as carry forward funding within their respective Divisions.

Capital Improvement Budget Highlights

The City's planned CIP spending aligns with current priorities that focus on projects that enhance the City's economic development strategy, leverage federal or private funding, projects that maintain existing facilities, or are mandated by law. The FY2019 CIP Budget for General Obligation Bond (G.O.) spending is \$85.7 million. This budget increases G. O. funding for the MATA by \$1.8 million to address the Advanced Public Transportation System project. The CIP budget also includes \$11.0 million towards the radio system upgrade for Police and other City Of Memphis safety divisions. The radio system upgrade will be ongoing for a couple of additional years until completion. In the area of Housing and Community Development \$6.0 million is included for HOPE VI. This project will remove the last public housing project in the City (Foote Homes). There is a continued emphasis on road paving of which \$19 million in G.O. Bond funding is proposed. Finally, increased funding in Information Technology is budgeted for replacement of the Treasury Computer System. Major highlights by Division are listed below:

Fire Division – Funding from G.O. bonds and Capital Disposition funding is proposed for construction and relocation of fire stations in the amount of \$4.0 million.

General Services Division - Funding will provide for major ADA improvements, and minor improvements to various City buildings. This budget also reflects \$9.8 million for City-wide vehicle and equipment purchases.

Housing and Community Development - Funding included for MHA-Foote Future Hope VI City initiative is a G.O. Bond match of \$6.0 million against federal funds.

Information Systems – Funding will provide for a complete replacement of the City's obsolete treasury computer system (\$2.5 million).

Engineering Division - Funding of \$1.6 million is included for the replacement of traffic signals, traffic speed humps, and other transportation improvements.

Memphis Area Transit Authority - This budget is heavily leveraged by Federal and State funding and includes infrastructure repairs, purchase of rail vehicles, and funding for an Advanced Public Transportation System, totaling over \$8.8 million.

Parks and Neighborhoods - Funding will provide for environmental and recreational improvements to the Greenway along the Wolf River (\$1.5 million).

Police Division – Funding will provide for the renovations to the Police Academy, \$1.5 million and an update radio system, \$11.0 million.

Public Works Division - Funding is budgeted at \$19.0 million to pave more than 400 lane miles of streets including ADA ramp improvements and several road projects. The Storm Water Fund CIP budget will allow for major investments in drainage infrastructure throughout the City. The Sewer Fund projects are for the repair and replacement of sewer infrastructure, new sewer connections and improvements to the treatment plants.



OVERVIEW

The Impact of Debt Service Cost and Operating Cost for FY 2019

The cost of capital assets manifests in the general fund (operational costs) or the debt fund (principal and interest costs). The General Fund budget is established by an ordinance, and the Capital Improvement Program (CIP) budget is established by a resolution.

The financial impact of CIP projects is the annual cost of debt service. Debt service projects impact operational cost because of the issuance of General Obligation (G.O.) Bonds which are repaid at the tax rate charged to taxpayers. The property tax rate finances both the general fund and the debt fund. In theory, if debt increases, larger portions of property tax revenue is assigned to debt for the payment of General Obligation bonds (G.O.), and this reduces resources for operating costs. The City has a G.O. Bond target to essentially maintain the property tax rate apportionment between the general fund and the debt fund, within a specific range. This target is established considering outstanding debt that will also be retired within the fiscal year.

The summary below lists project above \$2.0 million in the CIP program for FY2019. This summary also list their related G.O. funding amounts, and the associated impact on debt service and the operating budget. The cost of debt is generally considered to be \$80,000 per million. The debt service payments will average 20-30 years depending on the project. Projects not detailed are either under \$2.0 million, or are considered as replacement investments for fully used existing capital assets, or are for maintenance and/or improvements. The cost to maintain these assets are in the current funding base, therefore, these projects are budget neutral. A full listing of all FY2019 CIP projects follows this summary.

Division: Housing and Community Development

Project Name: MHA-Foote Future Hope VI Project Number: CD01030

South City CNI (Foote Homes Project) is part of the South City Urban Renewal Plan. Funding will provide new rental housing to a mixed income population. The physical plans will be implemented in multiple phases on the old Foote Homes site and in the surrounding neighborhood on acquired land. The transformation will include demolition of existing dwellings, improved park & open space, community facilities, library, neighborhood retail and comprehensive supportive services and programs.

G.O. Funding: \$6.0m

Debt Service Impact: \$480k

Operating Budget Impact: None

Division: Information Services

Project Name: Treasury Tax System Project Number: IS01082

This project provides funds for Software upgrade. Managed software will be transitioned to a SAAS/Cloud version in order to improved productivity through technological enhancements.

G.O. Funding: \$2.5m

Debt Service Impact: \$200k

Operating Budget Impact: None



OVERVIEW

Division: Memphis Area Transit Authority (MATA)

Project Name: APTS Project Number: GA03022

This project provides funding for continuing enhancements and upgrades to the Advanced Public Transportation System (APTS) system on an annual basis. Enhancements and upgrades to the existing system will include complementary elements such as fare collection/distribution equipment, dispatch, GMMS, HRIS software, traffic signal priority equipment and various other accounting management systems. This project also includes complete replacement of the fare collection equipment on the entire revenue vehicle fleet.

G.O. Funding: \$5.6m

Debt Service Impact: \$448k

Operating Budget Impact: None

Division: Police Services

Project Name: Radio System Upgrade Project Number: PD04025

This project will replace the City of Memphis radio system. The current radio system will have reached its end of life cycle for parts and services on December 31, 2018. This will replace the old system with a new radio system that's compatible with P25 technology. The City/County split is 51%/49%.

G.O. Funding: \$11.0m

Debt Service Impact: \$880k

Operating Budget Impact: \$500k

Division: Public Works

Project Name: Asphalt/Paving Project Number: PW01272

This project funds the asphalt paving activities performed by the City or through third-party contracts.

G.O. Funding: \$19.0m

Debt Service Impact: \$1.5m

Operating Budget Impact: None

Public Works Division – Sewer Fund

The Sewer Fund's current projects are funded by Capital-Pay-Go (CPG) or Clean Water State Revolving Fund (CWSRF) loans. CPG funds current projects through the use of fund balance. CWSRF is a line of credit that is available for the Planning, Design, and Construction Phases of wastewater facilities. The funds may be used for all three phases in any combination. Eligible projects include new construction or the upgrading/expansion of existing facilities and may encompass wastewater treatment plants, pump stations, force mains, collector sewers, interceptors, elimination of combined sewer overflows, and/or non-point source pollution remedies.

The City currently has two active CWSRF loans. The first loan is for \$22 million and is associated with two projects. One project is an outfall modification at the M.C. Stiles Wastewater Treatment Facility (SW01001) and the other project is a lagoon expansion at the T.E. Maxson Wastewater Treatment Facility (SW02011). The second loan is for \$100 million and is associated with the sewer rehabilitation of the City of Memphis' collection system (SW05001). The term of each loan is 20 years.



OVERVIEW

BUDGET DEVELOPMENT PROCESS

The Budget Office uses financial data provided by city divisions to facilitate the review and approval of the Operating and Capital Improvement Budgets. The Budget Office is responsible for ensuring the operation of all divisions within financial guidelines established by Administrative policy and City Council legislation. The Budget Office is also responsible for forecasting all general revenue for the City.

The Capital Improvement Program (CIP) is a five-year plan for capital allocations, which is reviewed annually for priority adherence and project variances. This plan examines each City project and specifies the source of financing for projected expenditures. The process begins in November when a cross divisional CIP Committee is assembled. The committee evaluates the city's needs and meets with divisions (starting in January) to review their requests. Requested projects are analyzed by the finance division, external bond counsel, and finally compiled and reviewed with the Mayor. In April, the Mayor presents the plan to Council along with the operating budget. The Council conducts hearings, and adopts a CIP Resolution. The Council adoption of the CIP Resolution authorizes the spending of a portion of engineering, architecture, land acquisition and development costs, and rolling stock through Administrative Appropriations. Funds for construction costs, equipment, and acquisition contracts are subject to additional authorization by the Council. Prior and current CIP allocations will remain in the plan until the Division in charge of the project or Council determines that the project is completed or to be unfunded.

The Budget Office monitors the CIP Budget through the use of tracking reports, which are reviewed during budget submission and are monitored at various intervals during the year. The CIP Budget may be amended during the fiscal year when divisions submit resolutions to Council for approval.

Capital Budget - The Capital Budget and Capital Improvement Program are prepared annually to forecast anticipated capital expenditures planned for each of the next five fiscal years. The total project costs and the funding sources (local, state, federal and private) are estimated. The Capital Improvement Program is prepared after a rigorous review and evaluation of all proposed projects by the Capital Review Committee. Building Design and Construction reviews the scope of all requests involving construction or major renovations to City owned structures. Debt Management studies the fiscal feasibility of the projects submitted for future funding needs. The single year Capital Improvement Plan allocates capital expenditures made in the current budget year. The Capital Budget must be in full conformity with the Capital Improvement Program applicable to the fiscal year which it covers.

Additional authorizations (appropriations) for each capital project in the Capital Budget must precede the expenditures of construction funds.

CHANGES TO THE CIP BUDGET - TRANSFERRING ALLOCATIONS / APPROPRIATIONS

Once the CIP has been adopted by the City Council, the data is loaded into the City's Accounting System. During the life of the project, it may be necessary to provide additional allocations or transfer funds to aid in the completion of the project.

Initially, the CIP revenues/expenses report is checked for funds verification. After it is determined that the funds are available, two methods are used to transfer or establish allocation and/or appropriations.

1. The Capital Improvement Budget Request for Administrative Transfer or Appropriation form (Black Line) is used to:
 - A. Record the initial appropriation of the planning lines (A/E, land development, land acquisition) upon the adoption of the CIP by the City Council.



OVERVIEW

- B. Transfer allocations and appropriations within planning lines or within construction lines (contract construction, latent conditions, and other costs).
- C. Transfer allocations from “cover-line” project planning lines to the new project planning lines and the appropriation of the lines.

2. The Capital Improvement Budget Request for Council Transfer and Appropriation form (Red Lines) is used to:

- A. Appropriate all construction lines.
- B. Transfer allocations and appropriations between projects.
- C. Increase/decrease allocations or appropriations of a project.

Changes to the CIP budget must be done through Budget Resolutions.

BUDGET RESOLUTION REVIEW PROCESS

RESOLUTIONS

A resolution is a document asking the City Council to amend the Appropriation Budget Ordinance or Capital Improvement Budget. A resolution is written in two sections: the “WHEREAS” section and the “RESOLVED” section. The WHEREAS section explains why the change is necessary, what the money will be spent for, and why funds are available and where the funds will come from. The RESOLVED section includes the statements that actually change the Budget Ordinance.

A resolution details the action requested by Council and should answer one or more of the following questions:

- What is the purpose of the change?
- Why is the change necessary?
- What will the funds be used for?
- Why are funds available?

A resolution shall be written in clause format. Each clause in the preamble shall begin with the word “WHEREAS”, include a brief statement answering one or more of the above questions, and continue with “AND,” an adopting clause. “NOW THEREFORE BE IT RESOLVED”, shall summarize all information as requested regarding changes to the City Resolution. The adopting clause may be followed by several additional clauses.

After finalizing a Resolution, a Council Agenda Check-Off sheet must be prepared which summarizes the Resolution and includes all organizational dates, account numbers, and dollar amounts.

COUNCIL AGENDA CHECK-OFF SHEET

The Council Agenda Check-Off Sheet must accompany all documentation that goes before Council. The originating division/service center must complete the form and have it signed by the appropriate service center manager and division director.

OVERVIEW

Routing and Handling of Transfers

A) Administrative Transfers and Appropriations

Division Directors
Budget Office
Comptroller's Office

B) Council Transfers and Appropriations

The budget resolution package (Council Agenda Check-Off Sheet, original resolution, red line forms- including appropriate signatures from the division director) should be forwarded to the Budget Office one week before the Council Committee meets. From there the documents will be forwarded as follows:

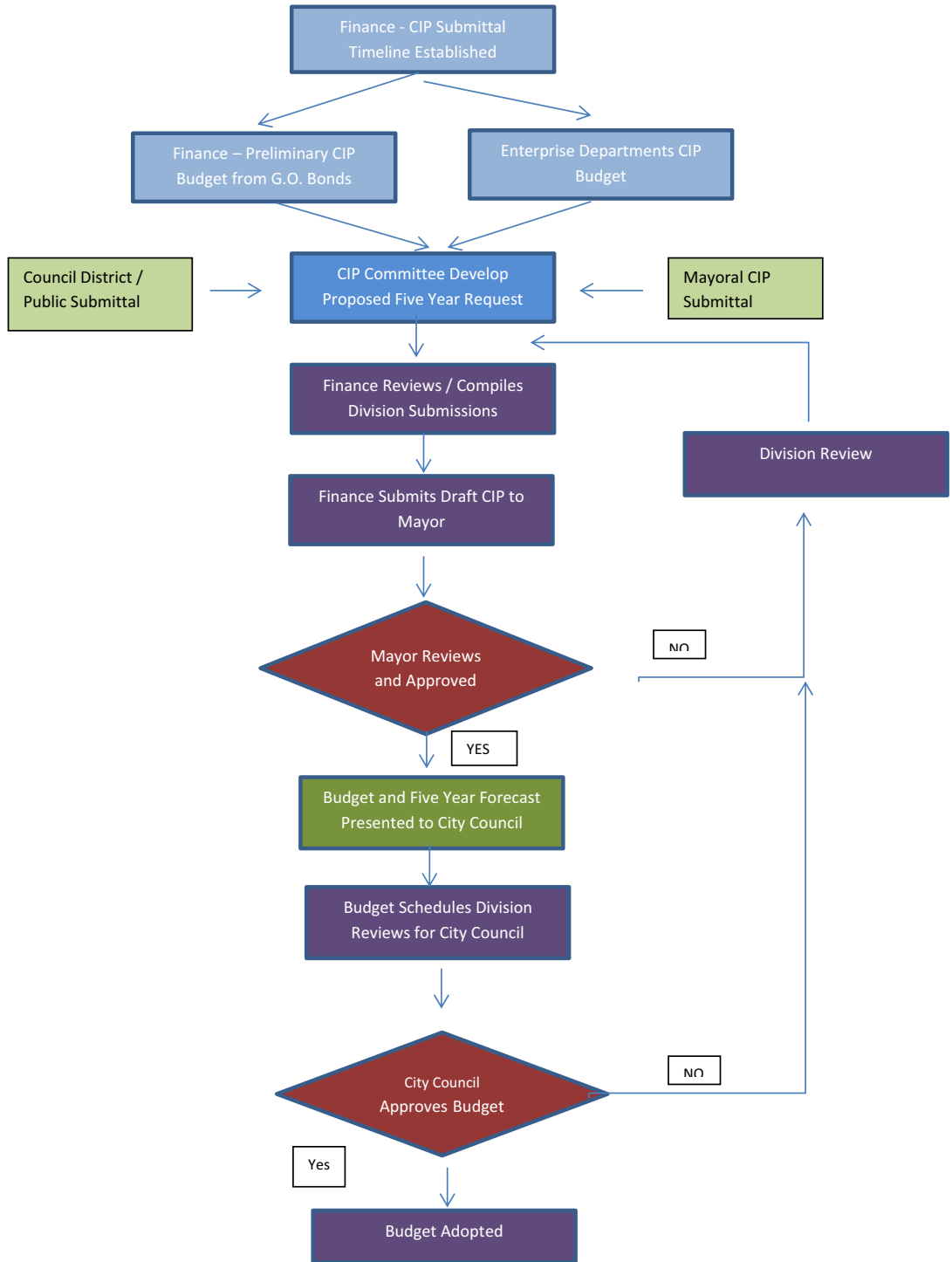
- 1) Chief of Finance and Administration
- 2) City Attorney
- 3) Chief Operating Officer (COO)
- 4) Mayor's Office – Resolutions appropriating or transferring CIP funds must be received by the Mayor's Office by noon on Thursday for Council Committee action on the following Tuesday.
- 5) Council Committee reviews monetary transfers and makes recommendations to the full Council.
- 6) The Mayor's Office forwards the resolution to Council Records after the Council Committee recommendation (s) are made. The resolutions are then placed on the Council Agenda for consideration by the full Council on the following Tuesday.

Council's approval of the resolution gives legal authority to amend the fiscal year's budget.

Resolutions may be returned to the originating division/bureau for corrections at any time during the process.

The need for accuracy in the completion of all appropriate forms and recognition of time constraints is crucial in processing transfers. The Budget Office may be contacted for further assistance and/or information.

CAPITAL PREPARATION PROCESS



OVERVIEW

Bicentennial Gateway Project. "Named for the city's 200th birthday in 2019".



The program is called the Memphis Bicentennial Gateway Project, in honor of the 200th anniversary of Memphis, which will come in 2019.

The concept envisions how Memphis' riverfront can become a connective network that ties together people, the city, and the Mississippi River for collective benefit. The concept outlines a number of projects and programs intended to activate the Riverfront, including projects around Tom Lee Park, Fourth Bluff/Civic Commons, Mud Island, and others.

The plan's four listed goals are:

- History/character: Build on the unique history and texture of the Pinch District while maintaining a sense of place
- Mixed Use: Create a place that encourages a vibrant mix of uses, including retail, office, residential, commercial and hospitality
- Walkable Neighborhood: Planned in order to allow and encourage walkable, pedestrian-oriented spaces and streets
- Connected: Reinforce connections to St. Jude Children's Research Hospital, the Memphis Cook Convention Center, the Pyramid and the Uptown District.

OVERVIEW

Each individual project will have its own unique mix of funding sources, but each will make use of Tourism Development Zone (TDZ) funds. Downtown Memphis was certified as a TDZ in 2001 by the State of Tennessee, which meant that incremental increases in sales taxes above a baseline could be used to repay bonds on approved projects.

The improvements include no use of General or Capital Improvement Funds.

The Bicentennial Gateway Project plans to tie together several large developments already in the works: St. Jude's expansion, the convention center revamp, Pinch and Uptown district improvements, and redevelopment of Mud Island River Park and the riverfront.

The ultimate goal is to develop a renewed sense of arrival for people entering Tennessee from the Hernando De Soto Bridge—Tennessee's most traveled gateway. The projects could drastically improve the view for the more than 40 million people who cross over the Hernando De Soto Bridge every year.

The Pinch District

The Pinch District will be the first phase and is a historical district of downtown Memphis roughly bordered by the Wolf River lagoon on the west, Market Street on the south, Danny Thomas Boulevard on the east, and A.W. Willis Avenue on the north. The Pinch was one of the most history-rich places in the city. This was the first business district in Memphis, in the early days. The area of North Memphis commonly known as the "Pinch District" has played an important role in local immigration since the early nineteenth century.

World War II greatly changed the dynamic of the Pinch District. America's post-war affluence, along with opportunities provided by the G.I. Bill, led many young families to relocate to the eastern parts of the city. While family businesses initially remained in the area, they soon followed the residents toward East Memphis. The once vibrant Pinch District quickly deteriorated and was devoid of significant commercial development for many years.

Since the late 1980s, however, urban renewal has changed the character of the neighborhood once again. Endeavors such as the construction of the Pyramid and the development of downtown trolley lines revitalized the area. As a result, popular restaurants and bars now distinguish the Pinch District, and developers have recognized it as a promising area for the construction of new residences such as condominiums and townhouses.

The pedestrian bridge connecting Bass Pro Shops at the Pyramid to the Pinch District will be the city's first major infrastructure project associated with the Bicentennial Gateway.



OVERVIEW

Bicentennial Gateway Project Memphis Cook Convention Center

The Memphis Cook Convention Center (CC) was the 18th largest in the country when it opened in 1974, but now it's not even in the top 125 in size. Part of the Bicentennial Gateway Project, the City of Memphis proposes major changes in the 44-year-old center's exterior and interior appearance. It's intended to meld seamlessly with the last significant expansion, a 2003 project that replaced the historic Ellis Auditorium with Cannon Center for the Performing Arts and new ballrooms and meeting space.



The project would make the center's largely concrete exterior shell more modern-looking with metal panels and metal column wraps, glass curtain walls and some exposed steel structure. A brick veneer on the west facade would conceal lower-level parking garages. Walls of glass and steel would bring more light into the exhibit hall and other interior spaces, including breakout meeting rooms. Plans call for the west side of the building to be reshaped with a new concourse, new meeting rooms and several open-air balconies and terraces.

OVERVIEW



In the 125,000-square-foot main exhibition hall, new retractable ceiling lights and additional material upgrades will allow for a 40,000-square-foot secondary hall to be carved out from the west end. The number of breakout rooms will also be expanded from the current 30 to 52.

Access to the building will be updated with the addition of a new grand entrance and a new sky bridge. The new grand entrance will open to the Main Street Trolley station and neighboring Sheraton Memphis Downtown Hotel. The sky bridge will connect the convention center to the Sheraton. Back-of-house access will also be improved with a redesign of the loading docks.

OVERVIEW



Located in downtown Memphis, every square inch of the convention center will be touched by this project, bringing hotel quality finishes and modern amenities desired by meeting planners and delegates. The collective vision will expand the footprint of the building with outdoor terraces and glass enclosed concourses and meetings spaces that embrace the river and skyline views, while adding valuable square footage that includes additional breakout meeting rooms. The project will allow the Memphis Convention and Visitors Bureau to pursue new meeting and convention opportunities. The transformation of this facility will aid the City in sustaining and growing the tourism and hospitality industry's impressive annual economic impact.



CIP RESOLUTION

WHEREAS, the Mayor submitted to the Council of the City of Memphis on April 24th 2018 a recommended Capital Acquisition Budget and a Capital Improvement Program for fiscal years 2019 through 2023; and

WHEREAS, said Capital Acquisition Budget projects needed acquisitions of vehicles and equipment and the Capital Improvement Program does project on a priority basis the anticipated Capital expenditures required to construct needed public improvements for the said period; and

WHEREAS, the Budget Committee of the Council has held meetings and reviewed thoroughly the recommended Capital Acquisition Budget and Capital Improvement Program and will make approved revisions thereto; and

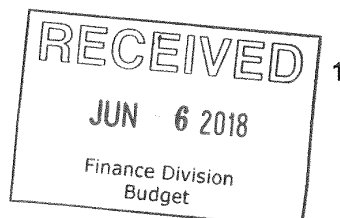
WHEREAS, it is the intent of the Council that funds for replacement vehicles and equipment as set forth in the Capital Acquisition Budget should be appropriated herein; and

WHEREAS, it is the intent of the Council that funds for construction require appropriation by Council; and

WHEREAS, the Comptroller is authorized to bring forward into the 2019 fiscal year all unappropriated allocations for uncompleted projects, or projects that have not begun and are necessary to be carried forward from the fiscal year 2018 Capital Budget as carried forward dollars; and

WHEREAS, it is the intent of the Council and the Administration to effect a material reduction in future capital expenditures; and

WHEREAS, in order to achieve this goal all prior years G. O. Bond unappropriated allocations, that have not been approved to carry forward in the fiscal year 2019 Capital



CIP RESOLUTION

Improvement Budget, shall be unallocated and removed from the Capital Improvement Plan; and

WHEREAS, provisions have been made that upon completion or deletion of any authorized project, all unused allocations or unencumbered appropriations on projects completed in FY2019, the funding will be returned to its source by the Comptroller, subject to further appropriation and allocation of said funds by the Council;

NOW, THEREFORE, BE IT RESOLVED, by the City Council of Memphis that the fiscal years 2019-2023 Capital Improvement Program be and the same is hereby approved and adopted as the City's Official Statement of Intent to construct needed public improvements subject to annual review and modification, and the Capital Acquisition Budget is hereby adopted as needed replacements of vehicles and equipment. Appendix "A", which is the FY2019-FY2023 CIP Budget Book attached hereto, details the construction projects and capital acquisitions and is made a part of this resolution.

BE IT FURTHER RESOLVED, that the fiscal year 2019 allocations in the Capital Improvement Program be and are hereby adopted as the fiscal year 2019 Capital Construction Budget and funds are appropriated for architectural/engineering services and for land options, if necessary. The Administration shall use the following procedures in moving forward with Capital Construction projects:

The Administration shall present to the appropriate Council Committee the schematic design of the project(s) as defined by the standard Architectural and Engineering Agreement used by the City of Memphis, at an architectural or engineering expense not to exceed 20% of the contracted professional fee amount. Projects designed "in house" or gratuitously must also go through the process. Council approval in the next following regular session of the Council is then required before the continuation of any such project.

After such Council approval, Administration will proceed with final plan preparation, final land acquisition and take bids for the project. Council shall be informed as to the time limitation designated in the professional contract.

CIP RESOLUTION

The Administration will return to the Council for approval of funds for construction expenditures.

BE IT FURTHER RESOLVED, that projects with prior years allocation in any stage of design on the date of the 2019 budget adoption, that have not followed the procedure outlined above, must be returned to the Council for approval prior to going to bid.

BE IT FURTHER RESOLVED that projects with prior year's allocation, which are not yet in the design process on the date of the adoption of the 2019 CIP budget, and have been allowed for carry forward, or are funded by funds other than G. O. Bonds, must follow the same procedure outlined above for all 2018 projects.

BE IT FURTHER RESOLVED, that upon the completion/bond release of any authorized project, any unencumbered balance on projects completed in FY2019 will be returned to its source of funding, subject to further allocation and appropriation of said funds by the Council.

BE IT FURTHER RESOLVED, that the Comptroller be and is hereby authorized to un-allocate and eliminate all prior year allocations that have not been carried forward in the fiscal year 2019 Capital Construction Budget.

BE IT FURTHER RESOLVED, that after construction funds have been appropriated by the Council, the Comptroller is no longer authorized to approve the transfer of unencumbered funds between categories within each project but must return to the Council for approval of such action.

BE IT FURTHER RESOLVED, that projects which subsequently require appropriations in excess of the total project amount approved in the fiscal year 2019 Capital Construction Budget and the Capital Acquisition Budget be subject to further Council approval.

BE IT FURTHER RESOLVED, that any land, building or facility under the jurisdiction of the City of Memphis or which has ever been funded or partially funded by the City of Memphis

CIP RESOLUTION

cannot be demolished, sold, given to, or leased to any non-municipal entity without authorization of the City Council. The authorization does not apply to routine short-term rental. Without authorization of the City Council, no assets may be received by the City.

BE IT FURTHER RESOLVED, that there be and is hereby appropriated \$9,840,439 for the acquisition of vehicles and equipment as set forth in the fiscal year 2019 allocation of the Capital Acquisition Budget.

BE IT FURTHER RESOLVED, that the Comptroller be and is hereby authorized to bring forward into the fiscal year 2019 Capital Construction Budget all appropriations and only those allocations that have been carried forward from the fiscal year 2018 Capital Construction Budget.

BE IT FURTHER RESOLVED, that the Council expressly declares that each section, sub-section, paragraph and provision of this resolution is severable, and that should any portion of this resolution be declared unconstitutional or invalid by a Court of Law, the same shall not affect the remainder of this resolution, but such unconstitutional or invalid portion shall be elided, and the City Council declares that it would have passed this resolution with such unconstitutional or invalid portions elided.

BE IT FURTHER RESOLVED, that this resolution take effect from and after the date it shall have been passed by the Council, signed by the Chairman of the Council, certified and delivered to the office of the Mayor in writing by the Comptroller, and become effective as otherwise provided by the law.

Chairman of Council

ATTEST:

Comptroller

I hereby certify that the foregoing is a true copy and document was adopted, approved by the Council of the City of Memphis in regular session on

Date JUN 05 2018

Valerie C. Stripes
Deputy Comptroller-Council Records

CIP RESOLUTION

FY2019 - CIP RESOLUTION

APPENDIX "A"

Division	Project Number	Project Name	FY2019 Amount	Division Total
Engineering	EN19100	Traffic Signals	\$750,000	
	EN01055	Transportation Alternatives (TAP)	\$350,000	
	EN19200	Urban Art	\$350,000	
	EN19300	Traffic Speed Humps	\$300,000	
	EN01037	CMAQ Bike Lanes - Hampline	\$190,000	
				\$1,940,000
Executive	GS19100	Cover Line	\$100,000	
				\$100,000
Fire Services	FS02032	EMA Sirens	\$120,000	
	FS19100	Fire Station Repair Cover Line	\$1,500,000	
				\$1,620,000
General Services	GS19100	Major Mod (Property Maint)	\$3,500,000	
	GS19200	Major Mod (City Hall & PSB)	\$2,000,000	
	GS0219A-G	City Wide Fleet Acquisitions	\$9,840,439	
	GS01032	Walter Simmons Fleet & Fire App	\$1,500,000	
				\$16,840,439
HCD	CD01030	MHA-Foote Future Hope VI	\$6,000,000	
	CD02013	Memphis Heritage Trail	\$500,000	
	CD01097	Klondike Smokey City Initiative	\$1,500,000	
				\$8,000,000
Information Services	IS01081	Data Center Relocation	\$1,500,000	
	IS01082	Treasury Tax System	\$2,500,000	
	IS01078	Community Center Network Upgrade	\$417,000	
				\$4,417,000
Library Services	LI01030	New Frayer Library	\$500,000	
				\$500,000

Division	Project Number	Project Name	FY2019 Amount	Division Total
MATA	GA03024	Rail Facility Improvements	\$62,000	
	GA03025	Bus Facility Improvements	\$36,500	
	GA03023	Operations/Maint Facility	\$600,000	
	GA03011	Paratransit Vehicles	\$114,000	
	GA03001	Service Vehicles	\$67,500	
	GA03007	Fixed Route Bus	\$1,360,000	
	GA03026	Rail Vehicles	\$660,000	
	GA03022	Advanced Public Trans System	\$5,590,000	
	GA03028	Midtown Connector Rapid Transit	\$300,000	
				\$8,790,000



CIP RESOLUTION

Division	Project Number	Project Name	FY2019 Amount	Division Total
Parks	PK09002	Zoo Major Maintenance	\$250,000	
	PK03004	Tennis Major Maintenance	\$500,000	
	PK19100	Parks Cover Line	\$2,020,000	
	PK01031	Council District Community Ctr Imp	\$280,000	
	PK01030	Whitehaven Community Center Imp	\$500,000	
	PK02004	Goodwill Homes Senior Center Imp	\$120,000	
	PK06013	Golf Cart Path Repaving	\$275,000	
	PK04016	Aquatic Facilities Major Maint.	\$250,000	
	PK08036	Brooks Museum of Art	\$225,000	
	PK01032	Ed Rice Comm Ctr Replacement	\$960,000	
	PK07012	Greenway Improvements	\$1,500,000	
				\$6,880,000
Police	PD02015	911 Communications Upgrade	\$1,500,000	
	PD02013	Police Academy Renovations	\$1,100,000	
	PD04025	Radio System Upgrade	\$11,000,000	
	PD02009	Mt. Moriah Station	\$762,000	
				\$14,362,000
Public Works	PW19500	Sidewalk Replace Various Cover Line	\$500,000	
	PW19100	Asphalt /Paving Cover Line	\$19,000,000	
	PW19200	ADA Curb Ramp Cover Line	\$1,500,000	
	PW04119	STBG Group 1 Resurfacing	\$304,182	
	PW04120	STBG Group 2 Resurfacing	\$410,510	
	PW04118	Harbor Avenue Repaving	\$41,000	
	PW01284	Shelby Drive-Paul Lowry to Weaver	\$500,000	
			FY2019 G.O. Bonds Total	\$85,705,131



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CIP SUMMARY

CITY WIDE

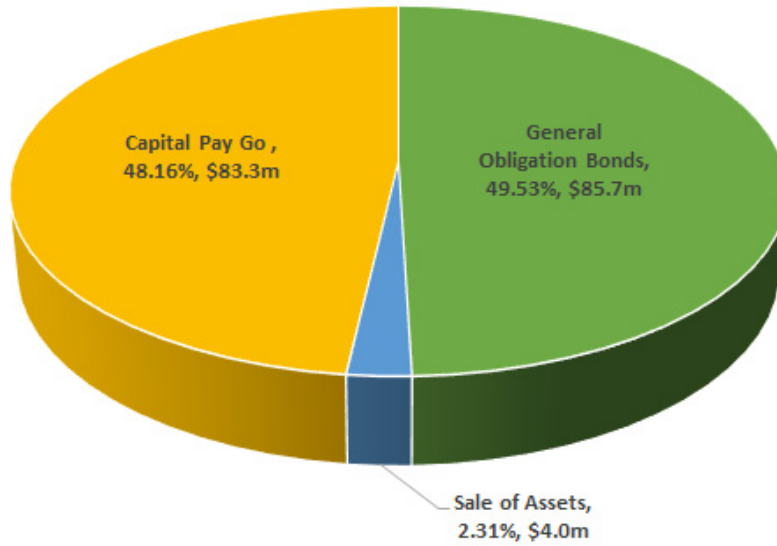
	Carry Forward	FY2019	FY2020	FY2021	FY2022	FY2023	Total
Revenue							
General Obligation Bonds	45,103,716	85,705,131	121,833,398	70,147,831	60,571,688	48,881,043	432,242,807
Capital Pay Go-General Fund	0	4,095,000	0	0	0	0	4,095,000
Federal Grants CIP	26,148,215	0	0	0	0	0	26,148,215
State Grants All	712,000	0	0	0	0	0	712,000
Local CIP	2,352,951	4,000,000	0	0	0	0	6,352,951
Sewer Revenue Bonds	37,685,402	0	0	0	0	0	37,685,402
Capital Pay Go-Sewer	231,688,508	73,750,000	47,250,000	40,450,000	35,200,000	34,700,000	463,038,508
Capital Pay Go-Storm Water	6,788,960	5,500,000	6,500,000	6,500,000	6,500,000	6,500,000	38,288,960
Total Revenue	350,479,752	173,050,131	175,583,398	117,097,831	102,271,688	90,081,043	1,008,563,843

Expenditures

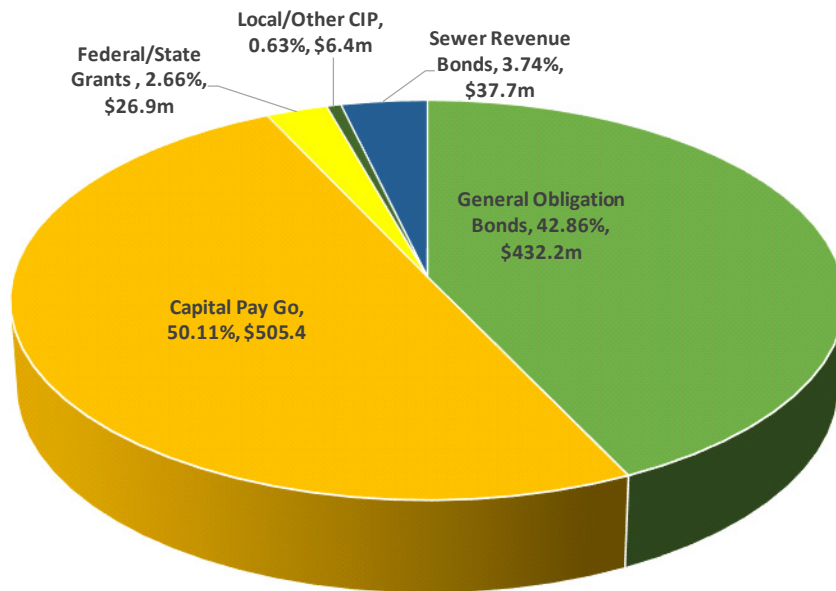
Architecture and Engineering	222,338,397	50,474,892	46,085,600	39,061,920	33,001,740	32,656,500	423,619,049
Land Acquisitions	3,324,799	1,790,000	360,000	260,000	1,510,000	1,870,000	9,114,799
Contract Construction	105,934,345	80,112,800	86,322,861	60,889,720	29,327,840	44,947,483	407,535,049
Furniture Fixture Equipment	600,000	4,450,000	2,100,000	2,955,000	23,971,880	1,273,160	35,350,040
Other Cost	11,570,511	8,460,000	13,664,937	13,901,191	14,430,228	9,133,900	71,160,767
Information Technology	6,711,700	17,922,000	27,050,000	30,000	30,000	200,000	51,943,700
Capital Acquisition	0	9,840,439	0	0	0	0	9,840,439
Total Expenditures	350,479,752	173,050,131	175,583,398	117,097,831	102,271,688	90,081,043	1,008,563,843



FY 2019 - 2023 CAPITAL IMPROVEMENT PROGRAM WHERE THE MONEY COMES FROM



FY 2019 Budget \$173,050,131



FY 2019 - 2023 Programs \$1,008,563,843

Includes Carry Forward Allocation



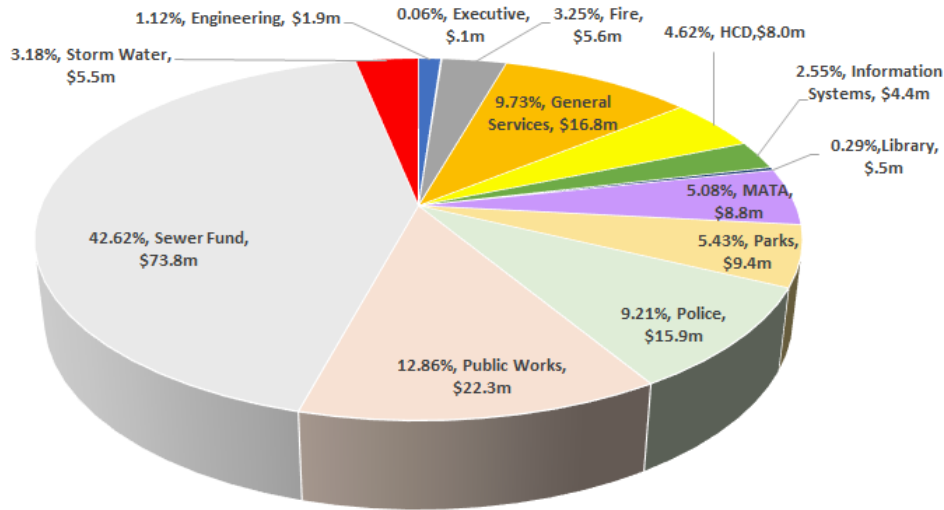
CIP SUMMARY

CITY WIDE

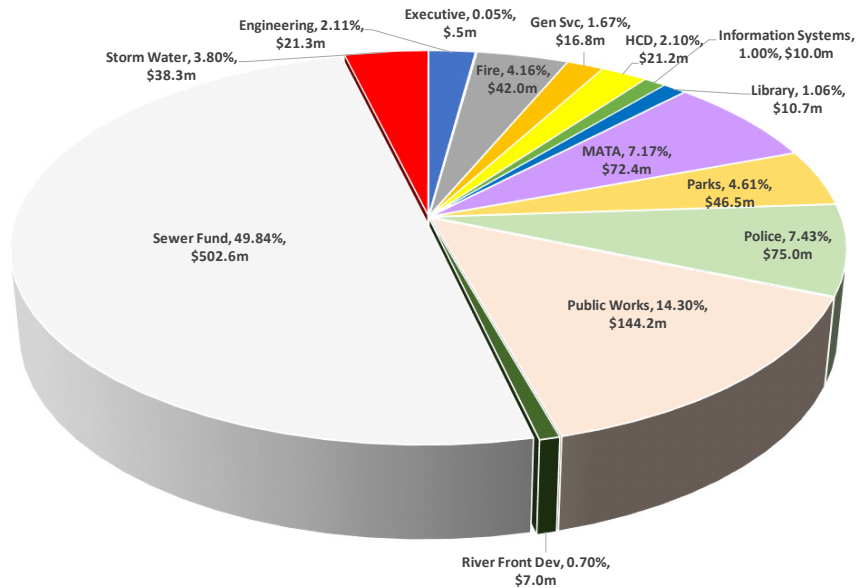
Division	Carry Forward	FY2019	FY2020	FY2021	FY2022	FY2023	Total
City Engineering	12,570,731	1,940,000	1,700,000	1,700,000	1,700,000	1,700,000	21,310,731
Executive	0	100,000	100,000	100,000	100,000	100,000	500,000
Fire	298,041	5,620,000	19,648,388	5,346,131	4,633,348	6,438,240	41,984,148
General Services	0	16,840,439	0	0	0	0	16,840,439
Housing and Comm Dev	0	8,000,000	7,200,000	6,000,000	0	0	21,200,000
Information Systems	0	4,417,000	5,620,000	0	0	0	10,037,000
Library	1,000,000	500,000	7,750,000	1,420,000	0	0	10,670,000
MATA	13,508,331	8,790,000	6,039,000	12,651,500	20,880,500	10,495,500	72,364,831
Parks	5,769,623	9,400,000	16,050,000	6,650,000	5,375,000	3,300,000	46,544,623
Police	7,513,700	15,937,000	31,612,800	13,739,200	4,341,840	1,806,303	74,950,843
Public Works	24,726,046	22,255,692	26,113,210	22,541,000	23,541,000	25,041,000	144,217,948
Riverfront Development	7,022,218	0	0	0	0	0	7,022,218
Sewer Fund	271,282,102	73,750,000	47,250,000	40,450,000	35,200,000	34,700,000	502,632,102
Storm Water	6,788,960	5,500,000	6,500,000	6,500,000	6,500,000	6,500,000	38,288,960
Total	350,479,752	173,050,131	175,583,398	117,097,831	102,271,688	90,081,043	1,008,563,843



FY 2019 - 2023 CAPITAL IMPROVEMENT PROGRAM USE OF FUNDS



FY 2019 Budget \$173,050,131

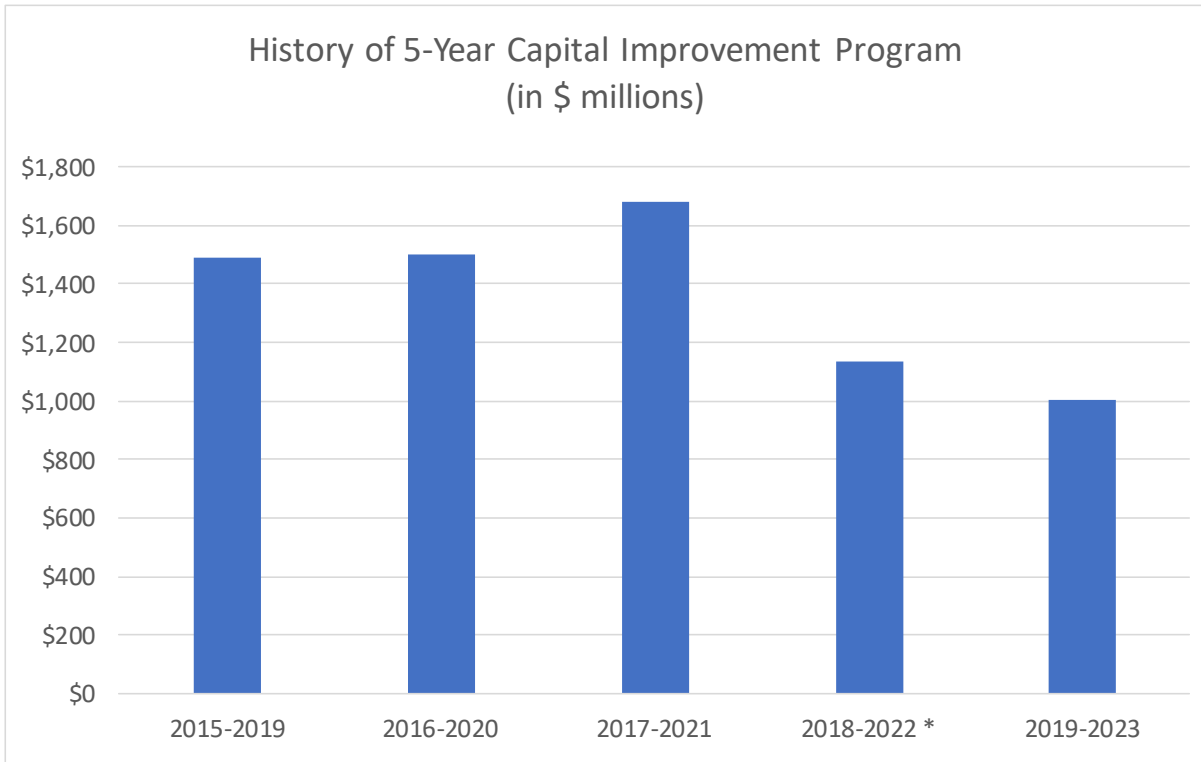


FY 2019 - 2023 Programs \$1,008,563,843

Includes Carry Forward Allocation

CAPITAL IMPROVEMENT PROGRAM HISTORICAL TREND

This chart reflects the change in the total value of the 5-year Capital Improvement Program (CIP) for the past four versions of the CIP and the Adopted 2019-2023 CIP. The 5-year total in the Adopted 2019-2023 decreased from the prior year's 5-year by approximately \$132 million.



* 2018-2022 decreased by 32.5% or \$546m from the prior 5yr period (2017-2021). This significant decrease was due to a change in the City's CIP Budget Procedures to no longer include Federal, State or Local Grant funding that is not actually received by the City. This included CDBG funds and MATA federal and state funds (which the City usually matches 20% or less in GO Bonds).

2019-2023 CIP BUDGET COMPARISON TO 2018-2022 CIP BUDGET

		2018-2022		2019-2023	% Change
City Engineering	\$	38,187,280	\$	21,310,731	-44%
Fire Services		35,627,621		41,984,148	18%
General Services		46,905,589		16,840,439	-64%
Housing & Community Dev		27,300,000		21,200,000	-22%
Information Services		6,238,333		10,037,000	61%
Library Services		10,670,000		10,670,000	0%
MATA		67,841,271		72,364,831	7%
Park Services		28,980,000		46,544,623	61%
Police Services		66,795,700		74,950,843	12%
Public Works		305,188,751		144,217,948	-53%
Other General Government		9,272,218		7,522,218	-19%
Total General Fund	\$	643,006,763	\$	467,642,781	-27%
Municipal Utilities - Sewer		486,340,794		502,632,102	3%
Municipal Utilities - Storm Water		6,933,053		38,288,960	452%
Total Enterprise Funds	\$	493,273,847	\$	540,921,062	10%
Grand Total	\$	1,136,280,610	\$	1,008,563,843	-11%

Information Services: The 61% increase is due to the relocation of the Data Center from City Hall to the Central Library and the replacement of the Treasury Tax System in fiscal year 2019. In fiscal year 2020, the division will continue its security upgrade by replacing obsolete hardware and software infrastructure.

MATA: The 7% increase represents the continuing enhancements and upgrade to the Advanced Public Transportation System. This will include the complete replacement of all fareboxes, traffic signal priority equipment, and various other management systems.

Park Services: The 61% increase is due to a significant increase in fiscal year 2019 for Council District Community Center Improvements from \$40,000 per the seven districts to \$400,000 per district. Also, in fiscal year 2020 the City will replace its Ed Rice Community Center.

Municipal Utilities – Storm Water: The City previously used GO Bonds to fund storm water projects. In the latter part of fiscal year 2018 the City beginning using Capital Pay Go (Fund Balance) funds for storm water projects and will continue this use of these funds in fiscal year 2019 thru 2023. The City is also considering the issuance of Storm Water Bonds.

Note: The significant reductions represents reevaluations of divisions' outyears projected cost.

CIP SUMMARY

CITY WIDE

Project Number	Project Name	Carry Forward	FY2019	Total FY2019
CITY ENGINEERING				
EN19100	Traffic Signals		\$750,000	\$750,000
EN01055	Transportation Alternatives (TAP)	\$3,366,882	\$350,000	\$3,716,882
EN19200	Urban Art		\$350,000	\$350,000
EN19300	Traffic Speed Humps		\$300,000	\$300,000
EN01037	CMAQ Bike Lanes - Hampline		\$190,000	\$190,000
EN01037	CMAQ Bike Route-Hampline	\$1,750,000		\$1,750,000
EN01067	HSIP Cover Line	\$257,298		\$257,298
EN01056	Sign Shop Relocation	\$1,200,000		\$1,200,000
EN01036	STP Pedestrian Routes	\$155,062		\$155,062
EN01035	STP Bike Routes	\$428,659		\$428,659
EN01026	Medical Ctr Streetscape	\$5,212,830		\$5,212,830
EN01074	Railroad Quiet Zone	\$200,000		\$200,000
	Total Engineering	\$12,570,731	\$1,940,000	\$14,510,731
EXECUTIVE				
GA19100	Executive Cover Line	\$0	\$100,000	\$100,000
	Total Executive	\$0	\$100,000	\$100,000
FIRE SERVICES				
FS02032	EMA Sirens	\$0	\$120,000	\$120,000
FS19100	FY19 Fire Station Repair Cover	\$0	\$1,500,000	\$1,500,000
FS02029	FS5 Construction	\$0	\$2,000,000	\$2,000,000
FS02011	Replace Fire Station #43	\$0	\$2,000,000	\$2,000,000
FS02027	EMA Sirens	\$298,041	\$0	\$298,041
	Total Fire	\$298,041	\$5,620,000	\$5,918,041
GENERAL SERVICES				
GS19100	FY19 Major Mod Cover Line	\$0	\$3,500,000	\$3,500,000
GS19200	FY19 Maj Mod City Hall/PSB	\$0	\$2,000,000	\$2,000,000
GS01032	CoMEM Phase II	\$0	\$1,500,000	\$1,500,000
GS0219A-G	City Wide Fleet Acquisitions	\$0	\$9,840,439	\$9,840,439
	Total General Services	\$0	\$16,840,439	\$16,840,439



CIP SUMMARY

CITY WIDE

Project Number	Project Name	Carry Forward	FY2019	Total FY2019
HOUSING AND COMMUNITY DEVELOPMENT				
CD01030	MHA-Foote Future Hope VI	\$0	\$6,000,000	\$6,000,000
CD02013	Memphis Heritage Trail	\$0	\$500,000	\$500,000
CD01097	Klondike Smokey City Initiative	\$0	\$1,500,000	\$1,500,000
	Total HCD	\$0	\$8,000,000	\$8,000,000
INFORMATION SYSTEMS				
IS01078	Community Ctr Network Upgrade	\$0	\$417,000	\$417,000
IS01081	Data Center Relocation	\$0	\$1,500,000	\$1,500,000
IS01082	Treasury Tax System	\$0	\$2,500,000	\$2,500,000
	Total IS	\$0	\$4,417,000	\$4,417,000
LIBRARY SERVICES				
LI01030	New Frayser Library	\$1,000,000	\$500,000	\$1,500,000
	Total Library	\$1,000,000	\$500,000	\$1,500,000
MATA				
GA03007	MATA-Bus Replacement	\$1,232,084	\$1,360,000	\$2,592,084
GA03022	MATA-Adv Public Transp System	\$4,268,420	\$5,590,000	\$9,858,420
GA03025	Bus Facility Improvements	\$822,450	\$36,500	\$858,950
GA03026	Rail Vehicles	\$3,325,964	\$660,000	\$3,985,964
GA03011	MATA-Paratransit Bus	\$578,484	\$114,000	\$692,484
GA03001	MATA-Service Vehicles	\$74,094	\$67,500	\$141,594
GA03024	Rail Facility Improvements	\$844,781	\$62,000	\$906,781
GA03023	MATA-Operations/Maint Facility	\$2,026,193	\$600,000	\$2,626,193
GA03028	Midtown Connector Rapid Trans	\$0	\$300,000	\$300,000
GA03027	Central Station Project	\$335,861	\$0	\$335,861
	Total MATA	\$13,508,331	\$8,790,000	\$22,298,331



CIP SUMMARY

CITY WIDE

Project Number	Project Name	Carry Forward	FY2019	Total FY2019
PARKS SERVICES				
PK19100	Parks Coverline	\$0	\$2,020,000	\$2,020,000
PK03004	Tennis Major Maintenance	\$0	\$500,000	\$500,000
PK07012	Greenway Improvements	\$4,368,744	\$1,500,000	\$5,868,744
PK09002	Zoo Major Maintenance	\$0	\$250,000	\$250,000
PK01032	Ed Rice Comm Ctr Replacement	\$0	\$960,000	\$960,000
PK01030	Whitehaven CC Improvements	\$0	\$500,000	\$500,000
PK04016	Aquatic Facilities Major Main	\$0	\$250,000	\$250,000
PK06013	Golf Cart Path Repaving	\$0	\$275,000	\$275,000
PK08036	Brooks Museum Security Upgrade	\$0	\$225,000	\$225,000
PK01031	Council District Comm Ctr Imp	\$0	\$2,800,000	\$2,800,000
PK02004	Goodwill Homes Improvements	\$0	\$120,000	\$120,000
PK07119	L.E. Brown Park	\$100,000	\$0	\$100,000
PK01030	Whitehaven Comm Ctr Imp	\$250,000	\$0	\$250,000
PK18103	Park Improvements	\$282,556	\$0	\$282,556
PK07116	Wolf River Greenway Phase 5A	\$768,323	\$0	\$768,323
	Total Parks Services	\$5,769,623	\$9,400,000	\$15,169,623
POLICE SERVICES				
PD04025	Radio System Upgrade	\$0	\$11,000,000	\$11,000,000
PD02013	FY18 Police Academy Renov	\$0	\$1,100,000	\$1,100,000
PD02015	911 Communications Ctr Upgrade	\$2,500,000	\$1,500,000	\$4,000,000
PD02009	Mount Moriah Station	\$0	\$762,000	\$762,000
PD04028	Aerial Surveillance Cameras	\$0	\$1,575,000	\$1,575,000
PD02012	CSI Office Renovation	\$350,000	\$0	\$350,000
PD02014	FY18 Precinct Renovation	\$452,000	\$0	\$452,000
PD04022	In-Car Video/GPS	\$4,211,700	\$0	\$4,211,700
	Total Police Service	\$7,513,700	\$15,937,000	\$23,450,700



CIP SUMMARY

CITY WIDE

Project Number	Project Name	Carry Forward	FY2019	Total FY2019
PUBLIC WORKS				
PW19100	Asphalt/Paving Coverline	\$0	\$19,000,000	\$19,000,000
PW19200	ADA Curb Ramp Coverline	\$0	\$1,500,000	\$1,500,000
PW19500	Sidewalk Replace Var Coverline	\$0	\$500,000	\$500,000
PW04119	STBG Group 1 Resurfacing	\$0	\$304,182	\$304,182
PW04120	STBG Group 2 Resurfacing	\$0	\$410,510	\$410,510
PW04118	Harbor Avenue Repaving	\$0	\$41,000	\$41,000
PW01284	Shelby Dr-Paul Lowery to Weaver	\$0	\$500,000	\$500,000
PW01278	Poplar-Yates to I-240	\$426,089	\$0	\$426,089
PW01277	Poplar-Front to Bellevue	\$800,000	\$0	\$800,000
PW01280	Union Ave-Pauline to Flicker	\$3,000,000	\$0	\$3,000,000
PW01279	Southeastern Industrial Rd Imp	\$700,000	\$0	\$700,000
PW04117	Old Melrose Site Rehab	\$500,000	\$0	\$500,000
PW01253	Repair 14 Bridges Sam Cooper	\$3,081,000	\$0	\$3,081,000
PW01260	Sandbrook Realignment	\$275,158	\$0	\$275,158
PW04103	Walker Ave. Streetscape Ph. 2	\$647,587	\$0	\$647,587
PW01064	Elvis Presley/Shelby/Winch	\$7,755,397	\$0	\$7,755,397
PW01245	STP Bike/Ped Group	\$6,124,315	\$0	\$6,124,315
PW04114	Southbrook Mall Infrastructure	\$1,416,500	\$0	\$1,416,500
	Total Public Works	\$24,726,046	\$22,255,692	\$46,981,738
RIVERFRONT DEVELOPMENT CORPORATION (New Name - Memphis River Parks Partnership)				
GA01004	Cobblestone Landing	\$7,022,218	\$0	\$7,022,218
	Total RDC	\$7,022,218	\$0	\$7,022,218



CIP SUMMARY

CITY WIDE

Project Number	Project Name	Carry Forward	FY2019	Total FY2019
SEWER FUND				
SW19100	FY19 Misc Sub Outfall Cover Line	\$0	\$2,650,000	\$2,650,000
SW19200	FY19 Rehab ExistSewer Cover Line	\$0	\$29,750,000	\$29,750,000
SW19300	FY19 Svc Unsewer Area Cover Line	\$0	\$1,850,000	\$1,850,000
SW05001	Sewer Assessment & Rehab	\$76,958,409	\$15,000,000	\$91,958,409
SW04007	Environmental Maint Reloc	\$10,239,811	\$450,000	\$10,689,811
SW02033	South Plant Expansion	\$134,313,262	\$24,050,000	\$158,363,262
SW02006	Sludge Disp/Earth Complex	\$7,050,266	\$0	\$7,050,266
SW04009	Stiles Plant Modification	\$12,832,538	\$0	\$12,832,538
SW02011	Covered Anaerobic Lagoon	\$29,887,816	\$0	\$29,887,816
	Total Sewer Fund	\$271,282,102	\$73,750,000	\$345,032,102
STORM WATER FUND				
ST03207	Flood Control - ST Cover Line	\$0	\$750,000	\$750,000
ST02001	Design - ST Cover Line	\$0	\$2,000,000	\$2,000,000
ST03205	Drainage - ST Cover Line	\$0	\$2,750,000	\$2,750,000
ST03021	Gayoso Bayou Culvert-ST	\$650,000	\$0	\$650,000
ST01089	Bartlett Rd/Fletcher - ST	\$6,138,960	\$0	\$6,138,960
	Total Storm Water Fund	\$6,788,960	\$5,500,000	\$12,288,960
GRAND TOTAL FY 2019		\$350,479,752	\$173,050,131	\$523,529,883



	Carry Forward	FY 2019
Revenue Sources		
General Obligation Bonds	2,739,447	1,940,000
Federal Grants CIP	8,617,284	0
Local Other CIP	1,214,000	0
Total Revenues	12,570,731	1,940,000
Expenditure Types		
Engineering - Architecture	2,696,491	740,000
Land Acquisition	135,000	10,000
Contract Construction	9,739,240	390,000
Furniture, Fixtures & Equipment	0	450,000
Other Cost	0	350,000
Total Expenditures	12,570,731	1,940,000



	Carry Forward	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total
Revenue Sources							
General Obligation Bonds	2,739,447	1,940,000	1,700,000	1,700,000	1,700,000	1,700,000	11,479,447
Federal Grants CIP	8,617,284	0	0	0	0	0	8,617,284
Local OtherC	1,214,000	0	0	0	0	0	1,214,000
Total Revenues	12,570,731	1,940,000	1,700,000	1,700,000	1,700,000	1,700,000	21,310,731
Expenditure Types							
Engineering - Architecture	2,696,491	740,000	550,000	550,000	550,000	550,000	5,636,491
Land Acquisition	135,000	10,000	10,000	10,000	10,000	10,000	185,000
Contract Construction	9,739,240	390,000	390,000	390,000	390,000	390,000	11,689,240
Furniture, Fixtures & Equipment	0	450,000	450,000	450,000	450,000	450,000	2,250,000
Other Cost	0	350,000	300,000	300,000	300,000	300,000	1,550,000
Total Expenditures	12,570,731	1,940,000	1,700,000	1,700,000	1,700,000	1,700,000	21,310,731

CIP SUMMARY BY PROJECT

CITY ENGINEER

Reference Number	Project Number	Project Name	Carry Forward	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total
1	EN19300	FY19 Traffic Speed Humps Cover Line	0	300,000	300,000	300,000	300,000	300,000	1,500,000
2	EN19100	FY19 Traffic Signals Cover Line	0	750,000	750,000	750,000	750,000	750,000	3,750,000
3	EN19200	FY19 Urban Art Cover Line	0	350,000	300,000	300,000	300,000	300,000	1,550,000
4	EN01055	Transportation Alternatives	3,366,882	350,000	350,000	350,000	350,000	350,000	5,116,882
5	EN01037	CMAQ Bike Route- Hampline	1,750,000	190,000	0	0	0	0	1,940,000
6	EN01067	HSIP Cover Line	257,298	0	0	0	0	0	257,298
7	EN01056	Sign Shop Relocation	1,200,000	0	0	0	0	0	1,200,000
8	EN01036	STP Pedestrian Routes	155,062	0	0	0	0	0	155,062
9	EN01035	STP Bike Routes	428,659	0	0	0	0	0	428,659
10	EN01026	Medical Ctr Streetscape	5,212,830	0	0	0	0	0	5,212,830
11	EN01074	Railroad Quiet Zone	200,000	0	0	0	0	0	200,000
Total			12,570,731	1,940,000	1,700,000	1,700,000	1,700,000	1,700,000	21,310,731



Project Name FY19 Traffic Speed Humps Cover Line
Project Number EN19300
Reference Number 1

Project Description / Justification:

This project is for the installation of speed humps on local neighborhood streets that have documented speeding problems and meet established criteria for installation. This is an extremely popular program with neighborhoods and requests continue to be received. This project helps to address speeding problems on neighborhood streets, which is identified as a major concern in the Memphis Poll.

Operating Budget Impact:

None.

Project Detail - Current Year

	Carry Forward	FY 2019
Revenue Sources		
General Obligation Bonds	0	300,000
Total Revenues	0	300,000
Expenditure Types		
Engineering - Architecture	0	150,000
Contract Construction	0	150,000
Total Expenditures	0	300,000

Project Detail - 5 Year Summary

	Carry Forward	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total
Revenue Sources							
General Obligation Bonds	0	300,000	300,000	300,000	300,000	300,000	1,500,000
Total Revenues	0	300,000	300,000	300,000	300,000	300,000	1,500,000
Expenditure Types							
Engineering - Architecture	0	150,000	150,000	150,000	150,000	150,000	750,000
Contract Construction	0	150,000	150,000	150,000	150,000	150,000	750,000
Total Expenditures	0	300,000	300,000	300,000	300,000	300,000	1,500,000

Project Name FY19 Traffic Signals Cover Line

Project Number EN19100

Reference Number 2

Project Description / Justification:

This project is used to purchase traffic signal materials to be installed by City personnel to provide greater safety, improve the flow of traffic, and upgrade existing traffic signals that do not meet safety standards. New controllers, poles, and other equipment will be purchased to replace old and inoperable ones. On average, twelve intersections are improved each year.

Operating Budget Impact:

None.

Project Detail - Current Year

	<u>Carry Forward</u>	<u>FY 2019</u>
Revenue Sources		
General Obligation Bonds	0	750,000
Total Revenues	0	750,000
Expenditure Types		
Engineering - Architecture	0	50,000
Contract Construction	0	240,000
Land Acquisition	0	10,000
Furniture, Fixture & Equipment	0	450,000
Total Expenditures	0	750,000

Project Detail - 5 Year Summary

	<u>Carry Forward</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>FY 2022</u>	<u>FY 2023</u>	<u>Total</u>
Revenue Sources							
General Obligation Bonds	0	750,000	750,000	750,000	750,000	750,000	3,750,000
Total Revenues	0	750,000	750,000	750,000	750,000	750,000	3,750,000
Expenditure Types							
Engineering - Architecture	0	50,000	50,000	50,000	50,000	50,000	250,000
Contract Construction	0	240,000	240,000	240,000	240,000	240,000	1,200,000
Land Acquisition	0	10,000	10,000	10,000	10,000	10,000	50,000
Furniture, Fixture & Equipment	0	450,000	450,000	450,000	450,000	450,000	2,250,000
Total Expenditures	0	750,000	750,000	750,000	750,000	750,000	3,750,000



Project Name FY19 Urban Art Cover Line

Project Number EN19200

Reference Number 3

Project Description / Justification:

This project makes funding available to create artworks which function as an essential element within the overall design of various City projects, complementing existing or proposed architectural elements within Capital Improvement Projects. The total funding for all Urban Arts projects may not exceed \$1.5 million in two successive fiscal years. Urban Art CIP is limited to \$1 million per fiscal year by Ordinance 4934.

Operating Budget Impact:

None.

Project Detail - Current Year

	Carry Forward	FY 2019
Revenue Sources		
General Obligation Bonds	0	350,000
Total Revenues	0	350,000
Expenditure Types		
Other Cost	0	350,000
Total Expenditures	0	350,000

Project Detail - 5 Year Summary

	Carry Forward	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total
Revenue Sources							
General Obligation Bonds	0	350,000	300,000	300,000	300,000	300,000	1,550,000
Total Revenues	0	350,000	300,000	300,000	300,000	300,000	1,550,000
Expenditure Types							
Other Cost	0	350,000	300,000	300,000	300,000	300,000	1,550,000
Total Expenditures	0	350,000	300,000	300,000	300,000	300,000	1,550,000

Project Name Transportation Alternatives
Project Number EN01055
Reference Number 4

Project Description / Justification:

This program provides funding for improvements to bicycle and pedestrian infrastructure throughout the city of Memphis and is consistent with the MPO Regional Bicycle and Pedestrian Plan. (Macon Rd. sidewalk, Westmont St. sidewalk, Chiswood pedestrian safety, CBU pedestrian improvements, Shelby Farms Greenline Crossing enhancements, Kirby & Timber Crossing upgrade, Great Streets Downtown Corridor Planning & Design).

Operating Budget Impact: None

Project Detail - Current Year

	Carry Forward	FY 2019
Revenue Sources		
General Obligation Bonds	626,000	350,000
Federal Grants CIP	2,740,882	0
Total Revenues	3,366,882	350,000
Expenditure Types		
Engineering - Architecture	966,250	350,000
Land Acquisition	135,000	0
Contract Construction	2,265,632	0
Total Expenditures	3,366,882	350,000

Project Detail - 5 Year Summary

	Carry Forward	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total
Revenue Sources							
General Obligation Bonds	626,000	350,000	350,000	350,000	350,000	350,000	2,376,000
Federal Grants CIP	2,740,882	0	0	0	0	0	2,740,882
Total Revenues	3,366,882	350,000	350,000	350,000	350,000	350,000	5,116,882
Expenditure Types							
Engineering - Architecture	966,250	350,000	350,000	350,000	350,000	350,000	2,716,250
Land Acquisition	135,000	0	0	0	0	0	135,000
Contract Construction	2,265,632	0	0	0	0	0	2,265,632
Total Expenditures	3,366,882	350,000	350,000	350,000	350,000	350,000	5,116,882



Project Name CMAQ Bike Routes - Hampline
Project Number EN01037
Reference Number 5

Project Description / Justification:

This project will provide funds to complete the Hampline project in Binghampton which will improve the streetscape for this community.

Operating Budget Impact:

None

Project Detail - Current Year

	Carry Forward	FY 2019
Revenue Sources		
General Obligation Bonds	350,000	190,000
Federal Grant CIP	1,400,000	0
Total Revenues	1,750,000	190,000
Expenditure Types		
Engineering-Architecture	35,000	190,000
Contract Construction	1,715,000	0
Total Expenditures	1,750,000	190,000

Project Detail - 5 Year Summary

	Carry Forward	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total
Revenue Sources							
General Obligation Bonds	350,000	190,000	0	0	0	0	540,000
Federal Grant CIP	1,400,000	0	0	0	0	0	1,400,000
Total Revenues	1,750,000	190,000	0	0	0	0	1,940,000
Expenditure Types							
Engineering - Architecture	35,000	190,000	0	0	0	0	225,000
Contract Construction	1,715,000	0	0	0	0	0	1,715,000
Total Expenditures	1,750,000	190,000	0	0	0	0	1,940,000

Project Name HSIP Cover Line

Project Number EN01067

Reference Number 6

Project Description / Justification:

This project will provide matching funds for Highway Safety Improvement Program (HSIP) projects directed by the state. The Federal Highway Administration defines HSIP as a “program to achieve reduction in traffic fatalities and serious injuries on all public roads”.

Operating Budget Impact:

None

Project Detail - 5 Year Summary

	Carry Forward	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total
Revenue Sources							
General Obligation Bonds	257,298	0	0	0	0	0	257,298
Total Revenues	257,298	0	0	0	0	0	257,298
Expenditure Types							
Engineering - Architecture	131,190	0	0	0	0	0	131,190
Construction	126,108	0	0	0	0	0	126,108
Total Expenditures	257,298	0	0	0	0	0	257,298

Project Name Sign Shop Relocation

Project Number EN01056

Reference Number 7

Project Description / Justification:

This project will fund the relocation of the City sign and marking shop to the new City of Memphis Municipal Complex.

Operating Budget Impact:

None

Project Detail - 5 Year Summary

	Carry Forward	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total
Revenue Sources							
General Obligation Bonds	1,200,000	0	0	0	0	0	1,200,000
Total Revenues	1,200,000	0	0	0	0	0	1,200,000
Expenditure Types							
Engineering - Architecture	1,200,000	0	0	0	0	0	1,200,000
Total Expenditures	1,200,000	0	0	0	0	0	1,200,000

CIP 2019 DETAIL BY PROJECT

CITY ENGINEER

Project Name STP Pedestrian Routes

Project Number EN01036

Reference Number 8

Project Description / Justification:

Surface Transportation Program (STP) is a federal assistance program. This project will fund analysis of existing sidewalks in the proximity of schools to develop a comprehensive sidewalk implementation plan and the design and installation of sidewalks on routes to schools.

Operating Budget Impact:

None

Project Detail - 5 Year Summary

	Carry Forward	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total
Revenue Sources							
General Obligation Bonds	27,718	0	0	0	0	0	27,718
Federal Grant CIP	127,344	0	0	0	0	0	127,344
Total Revenues	155,062	0	0	0	0	0	155,062
Expenditure Types							
Engineering - Architecture	5,062	0	0	0	0	0	5,062
Construction	150,000	0	0	0	0	0	150,000
Total Expenditures	155,062	0	0	0	0	0	155,062



CIP 2019 DETAIL BY PROJECT

CITY ENGINEER

Project Name STP Bike Routes

Project Number EN01035

Reference Number 9

Project Description / Justification:

This project will fund analysis of existing bike needs to develop a comprehensive bike route implementation plan and the design and installation of marked bike facilities on city streets.

Operating Budget Impact:

None

Project Detail - 5 Year Summary

	Carry Forward	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total
Revenue Sources							
General Obligation Bonds	78,431	0	0	0	0	0	78,431
Federal Grant CIP	350,228	0	0	0	0	0	350,228
Total Revenues	428,659	0	0	0	0	0	428,659
Expenditure Types							
Engineering - Architecture	116,159	0	0	0	0	0	116,159
Construction	312,500	0	0	0	0	0	312,500
Total Expenditures	428,659	0	0	0	0	0	428,659

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Project Name Medical Ctr Streetscape
Project Number EN01026
Reference Number 10

Project Description / Justification:

This project provides a mechanism for the City to administer a federal grant awarded to the City to provide streetscape improvements in the medical center district.

Operating Budget Impact:

None

Project Detail - 5 Year Summary

	Carry Forward	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total
Revenue Sources							
General Obligation Bonds	1,214,000	0	0	0	0	0	1,214,000
Federal Grant CIP	3,998,830	0	0	0	0	0	3,998,830
Total Revenues	5,212,830	0	0	0	0	0	5,212,830
Expenditure Types							
Engineering - Architecture	242,830	0	0	0	0	0	242,830
Construction	4,970,000	0	0	0	0	0	4,970,000
Total Expenditures	5,212,830	0	0	0	0	0	5,212,830

Project Name Railroad Quiet Zone

Project Number EN01074

Reference Number 11

Project Description / Justification:

The Federal Railroad Administration (FRA) allows local governments to request the establishment of a Railroad Quiet Zone within their respective jurisdiction. A Railroad Quiet Zone is a portion of a rail line where train horn noise is limited to emergency situations. This project will provide funds to establish two (2) potential quiet zones within the City.

Operating Budget Impact:

None

Project Detail - 5 Year Summary

	Carry Forward	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total
Revenue Sources							
General Obligation Bonds	200,000	0	0	0	0	0	200,000
Total Revenues	200,000	0	0	0	0	0	200,000
Expenditure Types							
Construction	200,000	0	0	0	0	0	200,000
Total Expenditures	200,000	0	0	0	0	0	200,000

	Carry Forward	FY 2019
Revenue Sources		
General Obligation Bonds	0	100,000
Total Revenues	0	100,000
Expenditure Types		
Construction	0	100,000
Total Expenditures	0	100,000

	Carry Forward	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total
Revenue Sources							
General Obligation Bonds	0	100,000	100,000	100,000	100,000	100,000	500,000
Total Revenues	0	100,000	100,000	100,000	100,000	100,000	500,000
Expenditure Types							
Construction	0	100,000	100,000	100,000	100,000	100,000	500,000
Total Expenditures	0	100,000	100,000	100,000	100,000	100,000	500,000

CIP SUMMARY BY PROJECT

EXECUTIVE

Reference Number	Project Number	Project Name	Carry Forward	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total
1	GA19100	Executive Cover Line	0	100,000	100,000	100,000	100,000	100,000	500,000
		Total	0	100,000	100,000	100,000	100,000	100,000	500,000



Project Name Executive Cover Line
Project Number GA19100
Reference Number 1

Project Description / Justification:

This project will fund various activities within the Executive Division (Youth Services, Animal Shelter, etc.). Funds will also be reallocated for specific projects that may require a grant match to leverage funding.

Operating Budget Impact:

None.

Project Detail - Current Year

	Carry Forward	FY 2019
Revenue Sources		
General Obligation Bonds	0	100,000
Total Revenues	0	100,000
Expenditure Types		
Construction	0	100,000
Total Expenditures	0	100,000

Project Detail - 5 Year Summary

	Carry Forward	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total
Revenue Sources							
General Obligation Bonds	0	100,000	100,000	100,000	100,000	100,000	500,000
Total Revenues	0	100,000	100,000	100,000	100,000	100,000	500,000
Expenditure Types							
Construction	0	100,000	100,000	100,000	100,000	100,000	500,000
Total Expenditures	0	100,000	100,000	100,000	100,000	100,000	500,000

	<u>Carry Forward</u>	<u>FY 2019</u>
Revenue Sources		
General Obligation Bonds	298,041	1,620,000
Proceed from Sale of Property	0	4,000,000
Total Revenues	<u>298,041</u>	<u>5,620,000</u>
Expenditure Types		
Engineering - Architecture	0	257,200
Land Acquisition	0	0
Contract Construction	0	5,182,800
Furniture, Fixtures & Equipment	0	30,000
Other Cost	298,041	120,000
Information Technology	0	30,000
Total Expenditures	<u>298,041</u>	<u>5,620,000</u>



CIP 2019 DIVISION SUMMARY

FIRE SERVICES

	Carry Forward	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total
Revenue Sources							
General Obligation Bonds	298,041	1,620,000	19,648,388	5,346,131	4,633,348	6,438,240	37,984,148
Proceed from Sale of Property	0	4,000,000	0	0	0	0	4,000,000
Total Revenues	298,041	5,620,000	19,648,388	5,346,131	4,633,348	6,438,240	41,984,148
Expenditure Types							
Engineering - Architecture	0	257,200	248,400	271,440	253,500	250,500	1,281,040
Land Acquisition	0	0	0	0	0	1,860,000	1,860,000
Contract Construction	0	5,182,800	12,231,051	3,810,000	3,162,000	2,112,500	26,498,351
Furniture, Fixtures & Equipment	0	30,000	1,000,000	30,000	30,000	350,000	1,440,000
Other Cost	298,041	120,000	5,038,937	1,204,691	1,157,848	1,665,240	9,484,757
Information Technology	0	30,000	1,130,000	30,000	30,000	200,000	1,420,000
Total Expenditures	298,041	5,620,000	19,648,388	5,346,131	4,633,348	6,438,240	41,984,148



CIP SUMMARY BY PROJECT

FIRE SERVICES

Reference Number	Project Number	Project Name	Carry Forward	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total
1	FS02032	EMA Sirens	0	120,000	124,800	150,600	126,400	127,200	649,000
		FY19 Fire Station Repair							
2	FS19100	Cover	0	1,500,000	2,413,400	2,401,440	2,575,500	2,463,000	11,353,340
3	FS02031	FS1 Construction	0	0	4,638,406	0	0	0	4,638,406
4	FS02029	FS5 Construction	0	2,000,000	7,022,645	0	0	0	9,022,645
5	FS02011	Replace Fire Station #43	0	2,000,000	535,000	0	0	0	2,535,000
		Personal Protective							
6	FS04012	Equipment	0	0	4,914,137	1,054,091	1,031,448	1,538,040	8,537,716
7	FS02008	Relocate Fire Station #11	0	0	0	1,740,000	900,000	450,000	3,090,000
8	FS02026	Fire Station #18	0	0	0	0	0	1,860,000	1,860,000
9	FS02027	EMA Sirens	298,041	0	0	0	0	0	298,041
Total			298,041	5,620,000	19,648,388	5,346,131	4,633,348	6,438,240	41,984,148



Project Name EMA Sirens
Project Number FS02032
Reference Number 1

Project Description / Justification:

This project will provide funds for the warning sirens which are utilized during inclement weather emergencies to alert citizens of potential hazardous conditions.

Operating Budget Impact:

None.

Project Detail - Current Year

	Carry Forward	FY 2019
Revenue Sources		
General Obligation Bonds	0	120,000
Total Revenues	0	120,000
Expenditure Types		
Other Cost	0	120,000
Total Expenditures	0	120,000

Project Detail - 5 Year Summary

	Carry Forward	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total
Revenue Sources							
General Obligation Bonds	0	120,000	124,800	150,600	126,400	127,200	649,000
Total Revenues	0	120,000	124,800	150,600	126,400	127,200	649,000
Expenditure Types							
Other Cost	0	120,000	124,800	150,600	126,400	127,200	649,000
Total Expenditures	0	120,000	124,800	150,600	126,400	127,200	649,000

Project Name FY19 Fire Station Repair Cover
Project Number FS19100
Reference Number 2

Project Description / Justification:

This project provides funds for major repair and renovations of facilities including floor replacement, HVAC, generators, and station improvements. Construction covers items beyond the scope of the General Services Division.

Operating Budget Impact:

None.

Project Detail - Current Year

	Carry Forward	FY 2019
Revenue Sources		
General Obligation Bonds	0	1,500,000
Total Revenues	0	1,500,000
Expenditure Types		
Engineering - Architecture	0	257,200
Contract Construction	0	1,182,800
Furniture, Fixtures & Equipment	0	30,000
Information Technology	0	30,000
Total Expenditures	0	1,500,000

Project Detail - 5 Year Summary

	Carry Forward	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total
Revenue Sources							
General Obligation Bonds	0	1,500,000	2,413,400	2,401,440	2,575,500	2,463,000	11,353,340
Total Revenues	0	1,500,000	2,413,400	2,401,440	2,575,500	2,463,000	11,353,340
Expenditure Types							
Engineering - Architecture	0	257,200	248,400	271,440	253,500	250,500	1,281,040
Contract Construction	0	1,182,800	2,105,000	2,070,000	2,262,000	2,112,500	9,732,300
Furniture, Fixtures & Equipment	0	30,000	30,000	30,000	30,000	50,000	170,000
Information Technology	0	30,000	30,000	30,000	30,000	50,000	170,000
Total Expenditures	0	1,500,000	2,413,400	2,401,440	2,575,500	2,463,000	11,353,340



Project Name Fire Station #1 Construction
Project Number FS02031
Reference Number 3

Project Description / Justification:

This project request will provide funds for the relocation of Fire Station #1 presently located on Jackson Avenue and Fire Station #6 located on Thomas Street to one combined station on Chelsea Avenue between 4th and 5th Streets.

Operating Budget Impact:

None.

Project Detail - 5 Year Summary

	Carry Forward	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total
Revenue Sources							
General Obligation Bonds	0	0	4,638,406	0	0	0	4,638,406
Total Revenues	0	0	4,638,406	0	0	0	4,638,406
Expenditure Types							
Contract Construction	0	0	4,103,406	0	0	0	4,103,406
Furniture, Fixtures & Equipment	0	0	235,000	0	0	0	235,000
Information Technology	0	0	300,000	0	0	0	300,000
Total Expenditures	0	0	4,638,406	0	0	0	4,638,406

Project Name Fire Station #5 Construction
Project Number FS02029
Reference Number 4

Project Description / Justification:

This project request will provide funds for the relocation of Fire Station #5, presently located at Front and Union to Adams Avenue.

Operating Budget Impact:

None.

Project Detail - Current Year

	Carry Forward	FY 2019
Revenue Sources		
Proceeds from Property Sales	0	2,000,000
Total Revenues	0	2,000,000
Expenditure Types		
Contract Construction	0	2,000,000
Total Expenditures	0	2,000,000

Project Detail - 5 Year Summary

	Carry Forward	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total
Revenue Sources							
Proceeds from Property Sales	0	2,000,000	0	0	0	0	2,000,000
General Obligation Bonds	0	0	7,022,645	0	0	0	7,022,645
Total Revenues	0	2,000,000	7,022,645	0	0	0	9,022,645
Expenditure Types							
Contract Construction	0	2,000,000	6,022,645	0	0	0	8,022,645
Furniture, Fixtures & Equipment	0	0	500,000	0	0	0	500,000
Information Technology	0	0	500,000	0	0	0	500,000
Total Expenditures	0	2,000,000	7,022,645	0	0	0	9,022,645



CIP 2019 DETAIL BY PROJECT

FIRE SERVICES

Project Name Replace Fire Station #43
Project Number FS02011
Reference Number 5

Project Description / Justification:

This project request will provide funds for the replacement of Fire Station #43, which was built in 1973. The building cannot be economically upgraded to accommodate ADA or Gender Separation.

Operating Budget Impact:

None

Project Detail - Current Year

	Carry Forward	FY 2019
Revenue Sources		
Proceeds from Property Sales	0	2,000,000
Total Revenues	0	2,000,000
Expenditure Types		
Contract Construction	0	2,000,000
Total Expenditures	0	2,000,000

Project Detail - 5 Year Summary

	Carry Forward	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total
Revenue Sources							
Proceeds from Property Sales	0	2,000,000	0	0	0	0	2,000,000
General Obligation Bonds	0	0	535,000	0	0	0	535,000
Total Revenues	0	2,000,000	535,000	0	0	0	2,535,000
Expenditure Types							
Contract Construction	0	2,000,000	0	0	0	0	2,000,000
Furniture, Fixtures & Equipment	0	0	235,000	0	0	0	235,000
Information Technology	0	0	300,000	0	0	0	300,000
Total Expenditures	0	2,000,000	535,000	0	0	0	2,535,000



Project Name Personal Protective Equipment
Project Number FS04012
Reference Number 6

Project Description / Justification:

This project provides funds to replace turnout ensembles that have become unusable. This is the fire fighter's primary protection and is governed by NFPA-1971. It also replaces all self-contained breathing apparatus (SCBA) and is governed by NFPA-1981.

Operating Budget Impact:

None.

Project Detail - 5 Year Summary

	Carry Forward	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total
Revenue Sources							
General Obligation Bonds	0	0	4,914,137	1,054,091	1,031,448	1,538,040	8,537,716
Total Revenues	0	0	4,914,137	1,054,091	1,031,448	1,538,040	8,537,716
Expenditure Types							
Other Cost	0	0	4,914,137	1,054,091	1,031,448	1,538,040	8,537,716
Total Expenditures	0	0	4,914,137	1,054,091	1,031,448	1,538,040	8,537,716

CIP 2019 DETAIL BY PROJECT

FIRE SERVICES

Project Name Relocate Fire Station #11
Project Number FS02008
Reference Number 7

Project Description / Justification:

This project provides funds for the relocation of Fire Station #11 built in 1941 and located at 1826 Union on 0.29 acres.

Operating Budget Impact:

None

Project Detail - 5 Year Summary

	Carry Forward	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total
Revenue Sources							
General Obligation Bonds	0	0	0	1,740,000	900,000	450,000	3,090,000
Total Revenues	0	0	0	1,740,000	900,000	450,000	3,090,000
Expenditure Types							
Contract Construction	0	0	0	1,740,000	900,000	0	2,640,000
Furniture, Fixtures & Equipment	0	0	0	0	0	300,000	300,000
Information Technology	0	0	0	0	0	150,000	150,000
Total Expenditures	0	0	0	1,740,000	900,000	450,000	3,090,000



Project Name Fire Station #18
Project Number FS02026
Reference Number 8

Project Description / Justification:

This project provides funds to replace the existing Fire Station #18 located at 3426 Southern Avenue. The existing station was built in 1930 and is too small to support the area of service. This is the primary station for emergency response to the University of Memphis main campus.

Operating Budget Impact:

None.

Project Detail - 5 Year Summary

	Carry Forward	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total
Revenue Sources							
General Obligation Bonds	0	0	0	0	0	1,860,000	1,860,000
Total Revenues	0	0	0	0	0	1,860,000	1,860,000
Expenditure Types							
Land Acquisition	0	0	0	0	0	1,860,000	1,860,000
Total Expenditures	0	0	0	0	0	1,860,000	1,860,000

CIP 2019 DETAIL BY PROJECT

FIRE SERVICES

Project Name EMA Sirens

Project Number FS02027

Reference Number 9

Project Description / Justification:

This project will provide funds to purchase Sirens.

Operating Budget Impact:

None.

Project Detail - 5 Year Summary

	Carry Forward	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total
Revenue Sources							
General Obligation Bonds	298,041	0	0	0	0	0	298,041
Total Revenues	298,041	0	0	0	0	0	298,041
Expenditure Types							
Other Costs	298,041	0	0	0	0	0	298,041
Total Expenditures	298,041	0	0	0	0	0	298,041



	Carry Forward	FY 2019
Revenue Sources		
General Obligation Bonds	0	16,840,439
Total Revenues	0	16,840,439
Expenditure Types		
Engineering - Architecture	0	2,600,000
Contract Construction	0	4,400,000
Capital Acquisition	0	9,840,439
Total Expenditures	0	16,840,439

	Carry Forward	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total
Revenue Sources							
General Obligation Bonds	0	16,840,439	0	0	0	0	16,840,439
Total Revenues	0	16,840,439	0	0	0	0	16,840,439
Expenditure Types							
Engineering - Architecture	0	2,600,000	0	0	0	0	2,600,000
Contract Construction	0	4,400,000	0	0	0	0	4,400,000
Capital Acquisition	0	9,840,439	0	0	0	0	9,840,439
Total Expenditures	0	16,840,439	0	0	0	0	16,840,439

CIP SUMMARY BY PROJECT

GENERAL SERVICES

Reference Number	Project Number	Project Name	Carry Forward	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total
1	GS19100	FY19 Major Mod Cover Line	0	3,500,000	0	0	0	0	3,500,000
		FY19 Maj Mod City Hall/							
2	GS19200	PSB	0	2,000,000	0	0	0	0	2,000,000
3	GS01032	CoMEM Phase II	0	1,500,000	0	0	0	0	1,500,000
4	GS0219A	FY19 CAQ-Fire	0	4,237,780	0	0	0	0	4,237,780
5	GS0219B	FY19 CAQ-Police	0	3,419,202	0	0	0	0	3,419,202
6	GS0219C	FY19 CAQ-Public Works	0	1,318,176	0	0	0	0	1,318,176
7	GS0219D	FY19 CAQ-Parks	0	345,190	0	0	0	0	345,190
8	GS0219E	FY19 CAQ-Exec (Animal Shelter)	0	23,562	0	0	0	0	23,562
9	GS0219G	FY19 CAQ-General Services	0	355,769	0	0	0	0	355,769
10	GS0219F	FY19 CAQ-Engineering	0	140,760	0	0	0	0	140,760
Total			0	16,840,439	0	0	0	0	16,840,439



CIP 2019 DETAIL BY PROJECT

GENERAL SERVICES

Project Name FY19 Major Mod Cover Line
Project Number GS19100
Reference Number 1

Project Description / Justification:

This project provides funds for major modifications, renovations and improvements to City facilities other than City Hall. Repairs include city-wide asphalt, roofing, electrical, plumbing, carpentry and HVAC improvements.

Operating Budget Impact:

None.

Project Detail - Current Year

	Carry Forward	FY 2019
Revenue Sources		
General Obligation Bonds	0	3,500,000
Total Revenues	0	3,500,000
Expenditure Types		
Engineering - Architecture	0	700,000
Contract Construction	0	2,800,000
Total Expenditures	0	3,500,000

Project Detail - 5 Year Summary

	Carry Forward	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total
Revenue Sources							
General Obligation Bonds	0	3,500,000	0	0	0	0	3,500,000
Total Revenues	0	3,500,000	0	0	0	0	3,500,000
Expenditure Types							
Engineering - Architecture	0	700,000	0	0	0	0	700,000
Contract Construction	0	2,800,000	0	0	0	0	2,800,000
Total Expenditures	0	3,500,000	0	0	0	0	3,500,000



CIP 2019 DETAIL BY PROJECT

GENERAL SERVICES

Project Name FY19 Maj Mod City Hall/PSB
Project Number GS19200
Reference Number 2

Project Description / Justification:

This project will provide funds for the continuation of a multi-year plan for renovations within the City Hall Complex and the Public Safety Building (PSB) in order to increase office capacity and improve space utilization. Also, to provide security enhancements, HVAC system upgrade, and parking garage renovations.

Operating Budget Impact:

None.

Project Detail - Current Year

	Carry Forward	FY 2019
Revenue Sources		
General Obligation Bonds	0	2,000,000
Total Revenues	0	2,000,000
Expenditure Types		
Engineering - Architecture	0	400,000
Contract Construction	0	1,600,000
Total Expenditures	0	2,000,000

Project Detail - 5 Year Summary

	Carry Forward	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total
Revenue Sources							
General Obligation Bonds	0	2,000,000	0	0	0	0	2,000,000
Total Revenues	0	2,000,000	0	0	0	0	2,000,000
Expenditure Types							
Engineering - Architecture	0	400,000	0	0	0	0	400,000
Contract Construction	0	1,600,000	0	0	0	0	1,600,000
Total Expenditures	0	2,000,000	0	0	0	0	2,000,000



Project Name CoMEM Phase II
 Project Number GS01032
 Reference Number 3

Project Description / Justification:

This project will provide funds to complete the design phase for the Municipal Complex Phase II (former Walter Simmons).

Operating Budget Impact:

None.

Project Detail - Current Year

	Carry Forward	FY 2019
Revenue Sources		
General Obligation Bonds	0	1,500,000
Total Revenues	0	1,500,000
Expenditure Types		
Engineering - Architecture	0	1,500,000
Total Expenditures	0	1,500,000

Project Detail - 5 Year Summary

	Carry Forward	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total
Revenue Sources							
General Obligation Bonds	0	1,500,000	0	0	0	0	1,500,000
Total Revenues	0	1,500,000	0	0	0	0	1,500,000
Expenditure Types							
Engineering - Architecture	0	1,500,000	0	0	0	0	1,500,000
Total Expenditures	0	1,500,000	0	0	0	0	1,500,000

CIP 2019 DETAIL BY PROJECT

GENERAL SERVICES

Project Name FY19 CAQ-Fire
Project Number GS0219A
Reference Number 4

Project Description / Justification:
 FY2019 Capital Acquisition - Fire Services Division.

Operating Budget Impact:
 None.

Project Detail - Current Year

	Carry Forward	FY 2019
Revenue Sources		
General Obligation Bonds	0	4,237,780
Total Revenues	0	4,237,780
Expenditure Types		
Capital Acquisition	0	4,237,780
Total Expenditures	0	4,237,780

Project Detail - 5 Year Summary

	Carry Forward	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total
Revenue Sources							
General Obligation Bonds	0	4,237,780	0	0	0	0	4,237,780
Total Revenues	0	4,237,780	0	0	0	0	4,237,780
Expenditure Types							
Capital Acquisition	0	4,237,780	0	0	0	0	4,237,780
Total Expenditures	0	4,237,780	0	0	0	0	4,237,780



CIP 2019 DETAIL BY PROJECT

GENERAL SERVICES

Project Name FY19 CAQ-Police
Project Number GS0219B
Reference Number 5

Project Description / Justification:
 FY2019 Capital Acquisition - Police Services Division.

Operating Budget Impact:
 None.

Project Detail - Current Year

	Carry Forward	FY 2019
Revenue Sources		
General Obligation Bonds	0	3,419,202
Total Revenues	0	3,419,202
Expenditure Types		
Capital Acquisition	0	3,419,202
Total Expenditures	0	3,419,202

Project Detail - 5 Year Summary

	Carry Forward	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total
Revenue Sources							
General Obligation Bonds	0	3,419,202	0	0	0	0	3,419,202
Total Revenues	0	3,419,202	0	0	0	0	3,419,202
Expenditure Types							
Capital Acquisition	0	3,419,202	0	0	0	0	3,419,202
Total Expenditures	0	3,419,202	0	0	0	0	3,419,202



CIP 2019 DETAIL BY PROJECT

GENERAL SERVICES

Project Name FY19 CAQ-Public Works
Project Number GS0219C
Reference Number 6

Project Description / Justification:
 FY2019 Capital Acquisition - Public Works Division.

Operating Budget Impact:
 None.

Project Detail - Current Year

	Carry Forward	FY 2019
Revenue Sources		
General Obligation Bonds	0	1,318,176
Total Revenues	0	1,318,176
Expenditure Types		
Capital Acquisition	0	1,318,176
Total Expenditures	0	1,318,176

Project Detail - 5 Year Summary

	Carry Forward	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total
Revenue Sources							
General Obligation Bonds	0	1,318,176	0	0	0	0	1,318,176
Total Revenues	0	1,318,176	0	0	0	0	1,318,176
Expenditure Types							
Capital Acquisition	0	1,318,176	0	0	0	0	1,318,176
Total Expenditures	0	1,318,176	0	0	0	0	1,318,176



Project Name FY19 CAQ-Parks
 Project Number GS0219D
 Reference Number 7

Project Description / Justification:
 FY2019 Capital Acquisition - Parks & Neighborhoods Division.

Operating Budget Impact:
 None.

Project Detail - Current Year

	Carry Forward	FY 2019
Revenue Sources		
General Obligation Bonds	0	345,190
Total Revenues	0	345,190
Expenditure Types		
Capital Acquisition	0	345,190
Total Expenditures	0	345,190

Project Detail - 5 Year Summary

	Carry Forward	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total
Revenue Sources							
General Obligation Bonds	0	345,190	0	0	0	0	345,190
Total Revenues	0	345,190	0	0	0	0	345,190
Expenditure Types							
Capital Acquisition	0	345,190	0	0	0	0	345,190
Total Expenditures	0	345,190	0	0	0	0	345,190

CIP 2019 DETAIL BY PROJECT

GENERAL SERVICES

Project Name FY19 CAQ-Exec (Animal Shelter)
Project Number GS0219E
Reference Number 8

Project Description / Justification:
 FY2019 Capital Acquisition - Executive Division (Animal Shelter).

Operating Budget Impact:
 None.

Project Detail - Current Year

	Carry Forward	FY 2019
Revenue Sources		
General Obligation Bonds	0	23,562
Total Revenues	0	23,562
Expenditure Types		
Capital Acquisition	0	23,562
Total Expenditures	0	23,562

Project Detail - 5 Year Summary

	Carry Forward	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total
Revenue Sources							
General Obligation Bonds	0	23,562	0	0	0	0	23,562
Total Revenues	0	23,562	0	0	0	0	23,562
Expenditure Types							
Capital Acquisition	0	23,562	0	0	0	0	23,562
Total Expenditures	0	23,562	0	0	0	0	23,562



CIP 2019 DETAIL BY PROJECT

GENERAL SERVICES

Project Name FY19 CAQ-General Services
Project Number GS0219G
Reference Number 9

Project Description / Justification:
 FY2019 Capital Acquisition - General Services Division.

Operating Budget Impact:
 None.

Project Detail - Current Year

	Carry Forward	FY 2019
Revenue Sources		
General Obligation Bonds	0	355,769
Total Revenues	0	355,769
Expenditure Types		
Capital Acquisition	0	355,769
Total Expenditures	0	355,769

Project Detail - 5 Year Summary

	Carry Forward	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total
Revenue Sources							
General Obligation Bonds	0	355,769	0	0	0	0	355,769
Total Revenues	0	355,769	0	0	0	0	355,769
Expenditure Types							
Capital Acquisition	0	355,769	0	0	0	0	355,769
Total Expenditures	0	355,769	0	0	0	0	355,769



CIP 2019 DETAIL BY PROJECT

GENERAL SERVICES

Project Name FY19 CAQ-Engineering
Project Number GS0219F
Reference Number 10

Project Description / Justification:
 FY2019 Capital Acquisition - Engineering Division.

Operating Budget Impact:
 None.

Project Detail - Current Year

	Carry Forward	FY 2019
Revenue Sources		
General Obligation Bonds	0	140,760
Total Revenues	0	140,760
Expenditure Types		
Capital Acquisition	0	140,760
Total Expenditures	0	140,760

Project Detail - 5 Year Summary

	Carry Forward	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total
Revenue Sources							
General Obligation Bonds	0	140,760	0	0	0	0	140,760
Total Revenues	0	140,760	0	0	0	0	140,760
Expenditure Types							
Capital Acquisition	0	140,760	0	0	0	0	140,760
Total Expenditures	0	140,760	0	0	0	0	140,760





	Carry Forward	FY 2019
Revenue Sources		
General Obligation Bonds	0	8,000,000
Total Revenues	0	8,000,000
Expenditure Types		
Engineering - Architecture	0	180,000
Contract Construction	0	7,820,000
Total Expenditures	0	8,000,000



CIP 2019 DIVISION SUMMARY

HOUSING AND COMMUNITY DEVELOPMENT

	Carry Forward	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total
Revenue Sources							
General Obligation Bonds	0	8,000,000	7,200,000	6,000,000	0	0	21,200,000
Total Revenues	0	8,000,000	7,200,000	6,000,000	0	0	21,200,000
Expenditure Types							
Engineering - Architecture	0	180,000	150,000	0	0	0	330,000
Contract Construction	0	7,820,000	7,050,000	6,000,000	0	0	20,870,000
Total Expenditures	0	8,000,000	7,200,000	6,000,000	0	0	21,200,000



CIP SUMMARY BY PROJECT

Reference Number	Project Number	Project Name	Carry Forward	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total
1	CD01030	MHA-Foote Future Hope VI	0	6,000,000	6,000,000	6,000,000	0	0	18,000,000
2	CD02013	Memphis Heritage Trail	0	500,000	0	0	0	0	500,000
3	CD01097	Klondike Smokey City Initiative	0	1,500,000	1,200,000	0	0	0	2,700,000
Total			0	8,000,000	7,200,000	6,000,000	0	0	21,200,000



CIP 2019 DETAIL BY PROJECT

Project Name MHA-Foote Future Hope VI
Project Number CD01030
Reference Number 1

Project Description / Justification:

Redevelopment of the Foote Homes Public Housing site and the surrounding Choice Neighborhood Initiative (CNI) planning area (Beale Street/Union Ave on the North; EH Crump Blvd & Railroad right of way on the South; Walnut St (East); and Kansas/Front St to the West).

Operating Budget Impact:

None.

Project Detail - Current Year

	Carry Forward	FY 2019
Revenue Sources		
General Obligation Bonds	0	6,000,000
Total Revenues	0	6,000,000
Expenditure Types		
Contract Construction	0	6,000,000
Total Expenditures	0	6,000,000

Project Detail - 5 Year Summary

	Carry Forward	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total
Revenue Sources							
General Obligation Bonds	0	6,000,000	6,000,000	6,000,000	0	0	18,000,000
Total Revenues	0	6,000,000	6,000,000	6,000,000	0	0	18,000,000
Expenditure Types							
Contract Construction	0	6,000,000	6,000,000	6,000,000	0	0	18,000,000
Total Expenditures	0	6,000,000	6,000,000	6,000,000	0	0	18,000,000

CIP 2019 DETAIL BY PROJECT

Project Name Memphis Heritage Trail
Project Number CD02013
Reference Number 2

Project Description / Justification:

A proposed multi-modal trail throughout that will link cultural assets and the historically significant locations throughout Downtown Memphis. The Memphis Heritage Trail will physically and virtually link the nodes of the Civil Rights Movement, entertainment, commerce and historic housing by establishing walking, bicycle and driving tours. Memphis is an important cultural and tourism destination, recognized throughout the world for its rich music, history, and heritage.

Operating Budget Impact:
None.

Project Detail - Current Year

	Carry Forward	FY 2019
Revenue Sources		
General Obligation Bonds	0	500,000
Total Revenues	0	500,000
Expenditure Types		
Contract Construction	0	500,000
Total Expenditures	0	500,000

Project Detail - 5 Year Summary

	Carry Forward	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total
Revenue Sources							
General Obligation Bonds	0	500,000	0	0	0	0	500,000
Total Revenues	0	500,000	0	0	0	0	500,000
Expenditure Types							
Contract Construction	0	500,000	0	0	0	0	500,000
Total Expenditures	0	500,000	0	0	0	0	500,000



CIP 2019 DETAIL BY PROJECT

Project Name Klondike Smokey City Initiative
Project Number CD01097
Reference Number 3

Project Description / Justification:

The enhancement of the sidewalks, street, landscaping, and lighting along Jackson Avenue to improve walkways, encourage new investments, provide additional curbside parking, and calm traffic speeds. Neighborhood residents, business owners, and property owners will all benefit.

Operating Budget Impact:

None.

Project Detail - Current Year

	Carry Forward	FY 2019
Revenue Sources		
General Obligation Bonds	0	1,500,000
Total Revenues	0	1,500,000
Expenditure Types		
Engineering - Architecture	0	180,000
Contract Construction	0	1,320,000
Total Expenditures	0	1,500,000

Project Detail - 5 Year Summary

	Carry Forward	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total
Revenue Sources							
General Obligation Bonds	0	1,500,000	1,200,000	0	0	0	2,700,000
Total Revenues	0	1,500,000	1,200,000	0	0	0	2,700,000
Expenditure Types							
Engineering - Architecture	0	180,000	150,000	0	0	0	330,000
Contract Construction	0	1,320,000	1,050,000	0	0	0	2,370,000
Total Expenditures	0	1,500,000	1,200,000	0	0	0	2,700,000

	Carry Forward	FY 2019
Revenue Sources		
General Obligation Bonds	0	4,417,000
Total Revenues	0	4,417,000
Expenditure Types		
Information Technology	0	4,417,000
Total Expenditures	0	4,417,000

	Carry Forward	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total
Revenue Sources							
General Obligation Bonds	0	4,417,000	5,620,000	0	0	0	10,037,000
Total Revenues	0	4,417,000	5,620,000	0	0	0	10,037,000
Expenditure Types							
Information Technology	0	4,417,000	5,620,000	0	0	0	10,037,000
Total Expenditures	0	4,417,000	5,620,000	0	0	0	10,037,000

CIP SUMMARY BY PROJECT

INFORMATION SERVICES

Reference Number	Project Number	Project Name	Carry Forward	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total
Community Ctr Network									
1	IS01078	Upgrade	0	417,000	0	0	0	0	417,000
2	IS01081	Data Center Relocation	0	1,500,000	1,250,000	0	0	0	2,750,000
3	IS01082	Treasury Tax System	0	2,500,000	1,500,000	0	0	0	4,000,000
Desktop & Application									
4	IS01083	Infrastructure	0	0	2,115,000	0	0	0	2,115,000
5	IS01084	Network Infrastructure	0	0	755,000	0	0	0	755,000
Total				4,417,000	5,620,000	0	0	0	10,037,000



Project Name Community Ctr Network Upgrade
Project Number IS01078
Reference Number 1

Project Description / Justification:

This project will provide funds to install fiber cabling at 21 community centers and 3 senior citizen centers.

Operating Budget Impact:

None.

Project Detail - Current Year

	<u>Carry Forward</u>	<u>FY 2019</u>
Revenue Sources		
General Obligation Bonds	0	417,000
Total Revenues	0	417,000
Expenditure Types		
Information Technology	0	417,000
Total Expenditures	0	417,000

Project Detail - 5 Year Summary

	<u>Carry Forward</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>FY 2022</u>	<u>FY 2023</u>	<u>Total</u>
Revenue Sources							
General Obligation Bonds	0	417,000	0	0	0	0	417,000
Total Revenues	0	417,000	0	0	0	0	417,000
Expenditure Types							
Information Technology	0	417,000	0	0	0	0	417,000
Total Expenditures	0	417,000	0	0	0	0	417,000

Project Name Data Center Relocation
Project Number IS01081
Reference Number 2

Project Description / Justification:

This project will provide funds to relocate existing data center from City Hall to the Central Library, which is a more efficient facility.

Operating Budget Impact:

None.

Project Detail - Current Year

	Carry Forward	FY 2019
Revenue Sources		
General Obligation Bonds	0	1,500,000
Total Revenues	0	1,500,000
Expenditure Types		
Information Technology	0	1,500,000
Total Expenditures	0	1,500,000

Project Detail - 5 Year Summary

	Carry Forward	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total
Revenue Sources							
General Obligation Bonds	0	1,500,000	1,250,000	0	0	0	2,750,000
Total Revenues	0	1,500,000	1,250,000	0	0	0	2,750,000
Expenditure Types							
Information Technology	0	1,500,000	1,250,000	0	0	0	2,750,000
Total Expenditures	0	1,500,000	1,250,000	0	0	0	2,750,000

Project Name Treasury Tax System
Project Number IS01082
Reference Number 3

Project Description / Justification:
 This project will provide funds to replace the obsolete Treasury Tax System.

Operating Budget Impact:
 None.

Project Detail - Current Year

	Carry Forward	FY 2019
Revenue Sources		
General Obligation Bonds	0	2,500,000
Total Revenues	0	2,500,000
Expenditure Types		
Information Technology	0	2,500,000
Total Expenditures	0	2,500,000

	Carry Forward	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total
Revenue Sources							
General Obligation Bonds	0	2,500,000	1,500,000	0	0	0	4,000,000
Total Revenues	0	2,500,000	1,500,000	0	0	0	4,000,000
Expenditure Types							
Information Technology	0	2,500,000	1,500,000	0	0	0	4,000,000
Total Expenditures	0	2,500,000	1,500,000	0	0	0	4,000,000

Project Name Desktop & Application Infrastructure

Project Number IS01083

Reference Number 4

Project Description / Justification:

This project will provide funds to replace obsolete desktop and application hardware and software.

Operating Budget Impact:

None.

Project Detail - 5 Year Summary

	Carry Forward	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total
Revenue Sources							
General Obligation Bonds	0	0	2,115,000	0	0	0	2,115,000
Total Revenues	0	0	2,115,000	0	0	0	2,115,000
Expenditure Types							
Information Technology	0	0	2,115,000	0	0	0	2,115,000
Total Expenditures	0	0	2,115,000	0	0	0	2,115,000

Project Name Network Infrastructure

Project Number IS01084

Reference Number 5

Project Description / Justification:

This project will provide funds to upgrade obsolete network hardware and software.

Operating Budget Impact:

None.

Project Detail - 5 Year Summary

	Carry Forward	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total
Revenue Sources							
General Obligation Bonds	0	0	755,000	0	0	0	755,000
Total Revenues	0	0	755,000	0	0	0	755,000
Expenditure Types							
Information Technology	0	0	755,000	0	0	0	755,000
Total Expenditures	0	0	755,000	0	0	0	755,000

	Carry Forward	FY 2019
Revenue Sources		
General Obligation Bonds	1,000,000	500,000
Total Revenues	1,000,000	500,000
Expenditure Types		
Land Acquisition	0	500,000
Engineering & Architecture	900,000	0
Other Cost	100,000	0
Total Expenditures	1,000,000	500,000

CIP 2019 DIVISION SUMMARY

LIBRARY SERVICES

	Carry Forward	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total
Revenue Sources							
General Obligation Bonds	1,000,000	500,000	7,750,000	1,420,000	0	0	10,670,000
Total Revenues	1,000,000	500,000	7,750,000	1,420,000	0	0	10,670,000
Expenditure Types							
Engineering-Architecture	900,000	0	0	0	0	0	900,000
Land Acquisition	0	500,000	0	0	0	0	500,000
Contract Construction	0	0	7,750,000	0	0	0	7,750,000
Furniture, Fixtures & Equipment	0	0	0	1,000,000	0	0	1,000,000
Other Cost	100,000	0	0	420,000	0	0	520,000
Total Expenditures	1,000,000	500,000	7,750,000	1,420,000	0	0	10,670,000



CIP SUMMARY BY PROJECT

LIBRARY SERVICES

Reference Number	Project Number	Project Name	Carry Forward	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total
1	LI01030	New Frayser Library	1,000,000	500,000	7,750,000	1,420,000	0	0	10,670,000
Total			1,000,000	500,000	7,750,000	1,420,000	0	0	10,670,000



CIP 2019 DETAIL BY PROJECT

LIBRARY SERVICES

Project Name New Frayser Library
Project Number LI01030
Reference Number 1

Project Description / Justification:

This project will replace the current 6,400 sq. ft. Frayser Branch with a 25,000 sq. ft. branch. The existing branch serves a large population that generates extremely high customer usage/demand, averaging close to 100,000+ annual visitors. The existing property is landlocked with no room for additional building expansion and parking. The new branch will offer expanded service, including a larger collection of materials, community meeting/study facilities, increased public computer capacity, and expanded regular and handicapped parking.

Operating Budget Impact:
 None.

Project Detail - Current Year

	Carry Forward	FY 2019
Revenue Sources		
General Obligation Bonds	1,000,000	500,000
Total Revenues	1,000,000	500,000
Expenditure Types		
Engineering-Architecture	900,000	
Land Acquisition	0	500,000
Other Cost	100,000	0
Total Expenditures	1,000,000	500,000

Project Detail - 5 Year Summary

	Carry Forward	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total
Revenue Sources							
General Obligation Bonds	1,000,000	500,000	7,750,000	1,420,000	0	0	10,670,000
Total Revenues	1,000,000	500,000	7,750,000	1,420,000	0	0	10,670,000
Expenditure Types							
Engineering-Architecture	900,000	0	0	0	0	0	900,000
Land Acquisition	0	500,000	0	0	0	0	500,000
Contract Construction	0	0	7,750,000	0	0	0	7,750,000
Furniture, Fixtures & Equipment	0	0	0	1,000,000	0	0	1,000,000
Other Cost	100,000	0	0	420,000	0	0	520,000
Total Expenditures	1,000,000	500,000	7,750,000	1,420,000	0	0	10,670,000



	<u>Carry Forward</u>	<u>FY 2019</u>
Revenue Sources		
General Obligation Bonds	13,508,331	8,790,000
Total Revenues	<u>13,508,331</u>	<u>8,790,000</u>
Expenditure Types		
Engineering - Architecture	500,000	900,000
Contract Construction	1,335,861	0
Land Acquisition	500,000	0
Other Cost	11,172,470	7,890,000
Total Expenditures	<u>13,508,331</u>	<u>8,790,000</u>



	Carry Forward	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total
Revenue Sources							
General Obligation Bonds	13,508,331	8,790,000	6,039,000	12,651,500	20,880,500	10,495,500	72,364,831
Total Revenues	13,508,331	8,790,000	6,039,000	12,651,500	20,880,500	10,495,500	72,364,831
Expenditure Types							
Engineering - Architecture	500,000	900,000	1,100,000	300,000	0	0	2,800,000
Contract Construction	1,335,861	0	0	1,200,000	7,400,000	3,600,000	13,535,861
Land Acquisition	500,000	0	0	0	2,000,000	0	2,500,000
Other Cost	11,172,470	7,890,000	4,939,000	11,151,500	11,480,500	6,895,500	53,528,970
Total Expenditures	13,508,331	8,790,000	6,039,000	12,651,500	20,880,500	10,495,500	72,364,831

CIP SUMMARY BY PROJECT

MATA

Reference Number	Project Number	Project Name	Carry Forward	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total
1	GA03007	MATA-Bus Replacement	1,232,084	1,360,000	2,360,000	4,920,000	6,200,000	6,200,000	22,272,084
2	GA03022	MATA-Adv Public Transp System	4,268,420	5,590,000	740,000	600,000	200,000	200,000	11,598,420
3	GA03025	Bus Facility Improvements	822,450	36,500	302,000	192,000	167,000	172,000	1,691,950
4	GA03026	Rail Vehicles	3,325,964	660,000	1,350,000	720,000	0	0	6,055,964
5	GA03011	MATA-Paratransit Bus	578,484	114,000	25,000	181,000	65,000	175,000	1,138,484
6	GA03001	MATA-Service Vehicles	74,094	67,500	52,500	52,500	52,500	52,500	351,594
7	GA03024	Rail Facility Improvements	844,781	62,000	109,500	86,000	96,000	96,000	1,294,281
8	GA03023	MATA-Operations/Maint Facility	2,026,193	600,000	800,000	1,200,000	9,400,000	3,600,000	17,626,193
9	GA03028	Midtown Connector Rapid Trans	0	300,000	300,000	4,700,000	4,700,000	0	10,000,000
10	GA03027	Central Station Project	335,861	0	0	0	0	0	335,861
Total			13,508,331	8,790,000	6,039,000	12,651,500	20,880,500	10,495,500	72,364,831



Project Name MATA-Bus Replacement
Project Number GA03007
Reference Number 1

Project Description / Justification:

This project provides funding for the purchase of buses over the next five years to replace buses that have reached the end of their useful service life. MATA plans to replace a large number of vehicles using a higher percentage of local funding to bring the fleet to a state of good repair. Discretionary grant funding requires a minimum of 20% local match. A 40% local match has been programmed for the next 5-year period to be more competitive with federal discretionary grants.

Operating Budget Impact:

None.

Project Detail - Current Year

	Carry Forward	FY 2019
Revenue Sources		
General Obligation Bonds	1,232,084	1,360,000
Total Revenues	1,232,084	1,360,000
Expenditure Types		
Other Cost	1,232,084	1,360,000
Total Expenditures	1,232,084	1,360,000

Project Detail - 5 Year Summary

	Carry Forward	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total
Revenue Sources							
General Obligation Bonds	1,232,084	1,360,000	2,360,000	4,920,000	6,200,000	6,200,000	22,272,084
Total Revenues	1,232,084	1,360,000	2,360,000	4,920,000	6,200,000	6,200,000	22,272,084
Expenditure Types							
Other Cost	1,232,084	1,360,000	2,360,000	4,920,000	6,200,000	6,200,000	22,272,084
Total Expenditures	1,232,084	1,360,000	2,360,000	4,920,000	6,200,000	6,200,000	22,272,084

Project Name MATA-Adv Public Transp System
Project Number GA03022
Reference Number 2

Project Description / Justification:

This project provides continuing enhancements and upgrades to the APTS/ITS system on an annual basis. Enhancements and upgrades to the existing ITS system will include complementary elements such as fare collection/distribution equipment, dispatch, GMMS, HRTS software, traffic signal priority equipment, and various other accounting management systems. This project also includes complete replacement of the fareboxes on the entire revenue vehicle fleet.

Operating Budget Impact:

None

Project Detail - Current Year

	Carry Forward	FY 2019
Revenue Sources		
General Obligation Bonds	4,268,420	5,590,000
Total Revenues	4,268,420	5,590,000
Expenditure Types		
Other Cost	4,268,420	5,590,000
Total Expenditures	4,268,420	5,590,000

Project Detail - 5 Year Summary

	Carry Forward	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total
Revenue Sources							
General Obligation Bonds	4,268,420	5,590,000	740,000	600,000	200,000	200,000	11,598,420
Total Revenues	4,268,420	5,590,000	740,000	600,000	200,000	200,000	11,598,420
Expenditure Types							
Other Cost	4,268,420	5,590,000	740,000	600,000	200,000	200,000	11,598,420
Total Expenditures	4,268,420	5,590,000	740,000	600,000	200,000	200,000	11,598,420

Project Name Bus Facility Improvements
Project Number GA03025
Reference Number 3

Project Description / Justification:

This project provides funding for periodic improvements of certain portions of MATA's buildings and grounds which is necessary to keep MATA's operations, maintenance and administrative facilities functioning in an effective manner. Projects include HVAC improvements, security systems, painting and paving.

Operating Budget Impact:

None.

Project Detail - Current Year

	Carry Forward	FY 2019
Revenue Sources		
General Obligation Bonds	822,450	36,500
Total Revenues	822,450	36,500
Expenditure Types		
Other Cost	822,450	36,500
Total Expenditures	822,450	36,500

Project Detail - 5 Year Summary

	Carry Forward	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total
Revenue Sources							
General Obligation Bonds	822,450	36,500	302,000	192,000	167,000	172,000	1,691,950
Total Revenues	822,450	36,500	302,000	192,000	167,000	172,000	1,691,950
Expenditure Types							
Other Cost	822,450	36,500	302,000	192,000	167,000	172,000	1,691,950
Total Expenditures	822,450	36,500	302,000	192,000	167,000	172,000	1,691,950

CIP 2019 DETAIL BY PROJECT

MATA

Project Name Rail Vehicles
Project Number GA03026
Reference Number 4

Project Description / Justification:

This project provides funding for MATA's plans to purchase and/or rehabilitate existing rail vehicles to return them to a state of good repair that meets FTA safety standards.

Operating Budget Impact:

None.

Project Detail - Current Year

	Carry Forward	FY 2019
Revenue Sources		
General Obligation Bonds	3,325,964	660,000
Total Revenues	3,325,964	660,000
Expenditure Types		
Other Cost	3,325,964	660,000
Total Expenditures	3,325,964	660,000

Project Detail - 5 Year Summary

	Carry Forward	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total
Revenue Sources							
General Obligation Bonds	3,325,964	660,000	1,350,000	720,000	0	0	6,055,964
Total Revenues	3,325,964	660,000	1,350,000	720,000	0	0	6,055,964
Expenditure Types							
Other Cost	3,325,964	660,000	1,350,000	720,000	0	0	6,055,964
Total Expenditures	3,325,964	660,000	1,350,000	720,000	0	0	6,055,964



Project Name MATA-Paratransit Bus
Project Number GA03011
Reference Number 5

Project Description / Justification:

This project provides funding for the purchase of paratransit vehicles over the next five years to replace vehicles that have reached the end of their useful service life. This project will allow MATA to provide efficient service to persons with disabilities in the Memphis area. MATA is making an effort to incorporate smaller vehicles and alternative fuel vehicles into the fleet and may choose to purchase a smaller or larger number of vehicles with the funds provided for this project. This level of funding will allow MATA to replace approximately 26 vehicles over the five year CIP period.

Operating Budget Impact:

New buses reduce operating costs since they replace buses that have met their useful service life and had high maintenance costs. The new buses have a one-year warranty on all parts and additional years for major components.

Project Detail - Current Year

	Carry Forward	FY 2019
Revenue Sources		
General Obligation Bonds	578,484	114,000
Total Revenues	578,484	114,000
Expenditure Types		
Other Cost	578,484	114,000
Total Expenditures	578,484	114,000

Project Detail - 5 Year Summary

	Carry Forward	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total
Revenue Sources							
General Obligation Bonds	578,484	114,000	25,000	181,000	65,000	175,000	1,138,484
Total Revenues	578,484	114,000	25,000	181,000	65,000	175,000	1,138,484
Expenditure Types							
Other Cost	578,484	114,000	25,000	181,000	65,000	175,000	1,138,484
Total Expenditures	578,484	114,000	25,000	181,000	65,000	175,000	1,138,484

CIP 2019 DETAIL BY PROJECT

MATA

Project Name MATA-Service Vehicles
Project Number GA03001
Reference Number 6

Project Description / Justification:

This project will provide funding for the purchase of service vehicles to replace service vehicles that have reached the end of their useful service life.

Operating Budget Impact:

None

Project Detail - Current Year

	Carry Forward	FY 2019
Revenue Sources		
General Obligation Bonds	74,094	67,500
Total Revenues	74,094	67,500
Expenditure Types		
Other Cost	74,094	67,500
Total Expenditures	74,094	67,500

Project Detail - 5 Year Summary

	Carry Forward	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total
Revenue Sources							
General Obligation Bonds	74,094	67,500	52,500	52,500	52,500	52,500	351,594
Total Revenues	74,094	67,500	52,500	52,500	52,500	52,500	351,594
Expenditure Types							
Other Cost	74,094	67,500	52,500	52,500	52,500	52,500	351,594
Total Expenditures	74,094	67,500	52,500	52,500	52,500	52,500	351,594



Project Name Rail Facility Improvements
Project Number GA03024
Reference Number 7

Project Description / Justification:

This project provides funding for rehabilitation, repair, upgrade or replacement of major elements of the downtown rail trolley system. This includes investments in the track, stations, vehicles and other infrastructure such as electrical equipment, trolleys, catenary wires, the operations and maintenance facility and elastomeric grout.

Operating Budget Impact:

None.

Project Detail - Current Year

	Carry Forward	FY 2019
Revenue Sources		
General Obligation Bonds	844,781	62,000
Total Revenues	844,781	62,000
Expenditure Types		
Other Cost	844,781	62,000
Total Expenditures	844,781	62,000

Project Detail - 5 Year Summary

	Carry Forward	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total
Revenue Sources							
General Obligation Bonds	844,781	62,000	109,500	86,000	96,000	96,000	1,294,281
Total Revenues	844,781	62,000	109,500	86,000	96,000	96,000	1,294,281
Expenditure Types							
Other Cost	844,781	62,000	109,500	86,000	96,000	96,000	1,294,281
Total Expenditures	844,781	62,000	109,500	86,000	96,000	96,000	1,294,281

Project Name MATA-Operations/Maint Facility
Project Number GA03023
Reference Number 8

Project Description / Justification:

This project provides funding for replacement of the existing MATA Bus Operations & Maintenance facility and administrative offices at a new location. The existing location on Levee Road has serious surface and subsurface issues associated with continuing subsidence. Problems are worsening. A feasibility study has determined that the site is not viable in the long term and another site is needed.

Operating Budget Impact:

None.

Project Detail - Current Year

	Carry Forward	FY 2019
Revenue Sources		
General Obligation Bonds	2,026,193	600,000
Total Revenues	2,026,193	600,000
Expenditure Types		
Engineering - Architecture	500,000	600,000
Contract Construction	1,000,000	0
Land Acquisition	500,000	0
Other Costs	26,193	0
Total Expenditures	2,026,193	600,000

Project Detail - 5 Year Summary

	Carry Forward	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total
Revenue Sources							
General Obligation Bonds	2,026,193	600,000	800,000	1,200,000	9,400,000	3,600,000	17,626,193
Total Revenues	2,026,193	600,000	800,000	1,200,000	9,400,000	3,600,000	17,626,193
Expenditure Types							
Engineering - Architecture	500,000	600,000	800,000	0	0	0	1,900,000
Contract Construction	1,000,000	0	0	1,200,000	7,400,000	3,600,000	13,200,000
Furniture, Fixtures & Equipment	0	0	0	0	2,000,000	0	2,000,000
Land Acquisition	500,00	0	0	0	0	0	500,000
Other Costs	26,193	0	0	0	0	0	26,193
Total Expenditures	2,026,193	600,000	800,000	1,200,000	9,400,000	3,600,000	17,626,193



Project Name Midtown Connector Rapid Trans
Project Number GA03028
Reference Number 9

Project Description / Justification:

This project will fund the Bus Rapid Transit (BRT) service. The successful implementation of BRT will connect frequently served places to areas primed for growth and density, identified in the City of Memphis 3.0 comprehensive plan. The key project components will connect downtown Memphis, Midtown Memphis, Southwest Community College, Methodist University Hospital, Overton Square, Benjamin Hooks Central Library, and the University of Memphis.

Operating Budget Impact:
 None.

Project Detail - Current Year

	Carry Forward	FY 2019
Revenue Sources		
General Obligation Bonds	0	300,000
Total Revenues	0	300,000
Expenditure Types		
Engineering - Architecture	0	300,000
Other Cost	0	0
Total Expenditures	0	300,000

Project Detail - 5 Year Summary

	Carry Forward	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total
Revenue Sources							
General Obligation Bonds	0	300,000	300,000	4,700,000	4,700,000	0	10,000,000
Total Revenues	0	300,000	300,000	4,700,000	4,700,000	0	10,000,000
Expenditure Types							
Engineering - Architecture	0	300,000	300,000	0	0	0	600,000
Other Cost	0	0	0	4,700,000	4,700,000	0	9,400,000
Total Expenditures	0	300,000	300,000	4,700,000	4,700,000	0	10,000,000



CIP 2019 DETAIL BY PROJECT

MATA

Project Name Central Station Project

Project Number GA03027

Reference Number 10

Project Description / Justification:

This project will provide funding for the MATA new central station project.

Operating Budget Impact:

None.

Project Detail - 5 Year Summary

	Carry Forward	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total
Revenue Sources							
General Obligation Bonds	335,861	0	0	0	0	0	335,861
Total Revenues	335,861	0	0	0	0	0	335,861
Expenditure Types							
Construction	335,861	0	0	0	0	0	335,861
Total Expenditures	335,861	0	0	0	0	0	335,861





	Carry Forward	FY 2019
Revenue Sources		
General Obligation Bonds	5,521,300	6,880,000
Capital Pay Go-General Fund	0	2,520,000
Federal Grant	248,323	0
Total Revenues	5,769,623	9,400,000
Expenditure Types		
Engineering - Architecture	552,061	850,000
Land Acquisition	555,079	960,000
Contract Construction	4,662,483	5,730,000
Furniture, Fixtures & Equipment	0	1,860,000
Total Expenditures	5,769,623	9,400,000

CIP 2019 DIVISION SUMMARY

PARKS SERVICES

	Carry Forward	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total
Revenue Sources							
General Obligation Bonds	5,521,300	6,880,000	16,050,000	6,650,000	5,375,000	3,300,000	43,776,300
Capital Pay Go-General Fund	0	2,520,000	0	0	0	0	2,520,000
Federal Grants	248,323	0	0	0	0	0	248,323
Total Revenues	5,769,623	9,400,000	16,050,000	6,650,000	5,375,000	3,300,000	46,544,623
Expenditure Types							
Engineering - Architecture	552,061	850,000	660,000	625,000	545,000	365,000	3,597,061
Land Acquisition	555,079	960,000	0	0	0	0	1,515,079
Contract Construction	4,662,483	5,730,000	15,090,000	5,125,000	4,530,000	2,635,000	37,772,483
Furniture, Fixtures & Equipment	0	1,860,000	300,000	825,000	300,000	300,000	3,585,000
Other Cost	0	0	0	75,000	0	0	75,000
Total Expenditures	5,769,623	9,400,000	16,050,000	6,650,000	5,375,000	3,300,000	46,544,623



CIP SUMMARY BY PROJECT

PARKS SERVICES

Reference Number	Project Number	Project Name	Carry Forward	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total
1	PK19100	Parks Cover Line	0	2,020,000	3,000,000	3,000,000	3,000,000	3,000,000	14,020,000
2	PK03004	Tennis Major Maintenance	0	500,000	850,000	775,000	100,000	50,000	2,275,000
3	PK07012	Greenway Improvements	4,368,744	1,500,000	1,500,000	1,500,000	1,500,000	0	6,000,000
4	PK09002	Zoo Major Maintenance	0	250,000	250,000	250,000	250,000	250,000	1,250,000
5	PK01030	Whitehaven CC Improvements	250,000	500,000	1,650,000	200,000	0	0	2,600,000
6	PK01032	Ed Rice Comm Ctr Replacement	0	960,000	8,000,000	400,000	0	0	9,360,000
7	PK04016	Aquatic Facilities Major Main	0	250,000	525,000	525,000	525,000	0	1,825,000
8	PK06013	Golf Cart Path Repaving	0	275,000	275,000	0	0	0	550,000
9	PK08036	Brooks Museum Security Upgrade	0	225,000	0	0	0	0	225,000
10	PK01031	Council District Comm Ctr Imp	0	2,800,000	0	0	0	0	2,800,000
11	PK02004	Goodwill Homes Improvements	0	120,000	0	0	0	0	120,000
12	PK07119	L.E. Brown Park	100,000	0	0	0	0	0	100,000
13	PK18103	Park Improvements	282,556	0	0	0	0	0	282,556
14	PK07116 5A	Wolf River Greenway Phase	768,323	0	0	0	0	0	768,323
Total			5,769,623	9,400,000	16,050,000	6,650,000	5,375,000	3,300,000	46,544,623



Project Name FY19 Parks Cover Line
Project Number PK19100
Reference Number 1

Project Description / Justification:

FY2019 Parks Cover Line funds will provide furniture, fixture and equipment for multiple senior centers and will be used to make repairs and update site furnishings in parks equally across each Council District with park sites to be determined.

Operating Budget Impact:

None.

Project Detail - Current Year

	Carry Forward	FY 2019
Revenue Sources		
General Obligation Bonds	0	2,020,000
Total Revenues	0	2,020,000
Expenditure Types		
Engineering - Architecture	0	240,000
Contract Construction	0	1,660,000
Furniture, Fixtures & Equipment	0	120,000
Total Expenditures	0	2,020,000

Project Detail - 5 Year Summary

	Carry Forward	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total
Revenue Sources							
General Obligation Bonds	0	2,020,000	3,000,000	3,000,000	3,000,000	3,000,000	14,020,000
Total Revenues	0	2,020,000	3,000,000	3,000,000	3,000,000	3,000,000	14,020,000
Expenditure Types							
Engineering - Architecture	0	240,000	360,000	360,000	360,000	360,000	1,680,000
Contract Construction	0	1,660,000	2,340,000	2,340,000	2,340,000	2,340,000	11,020,000
Furniture, Fixtures & Equipment	0	120,000	300,000	300,000	300,000	300,000	1,320,000
Total Expenditures	0	2,020,000	3,000,000	3,000,000	3,000,000	3,000,000	14,020,000



Project Name Tennis Major Maintenance
Project Number PK03004
Reference Number 2

Project Description / Justification:

This project provides funding for the construction of new courts and resurfacing of existing outdoor courts at Eldon Roark, Frayser, Raleigh, Singleton and Wolbrecht tennis centers.

Operating Budget Impact:

None.

Project Detail - Current Year

	Carry Forward	FY 2019
Revenue Sources		
General Obligation Bonds	0	500,000
Total Revenues	0	500,000
Expenditure Types		
Engineering - Architecture	0	60,000
Contract Construction	0	440,000
Total Expenditures	0	500,000

Project Detail - 5 Year Summary

	Carry Forward	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total
Revenue Sources							
General Obligation Bonds	0	500,000	850,000	775,000	100,000	50,000	2,275,000
Total Revenues	0	500,000	850,000	775,000	100,000	50,000	2,275,000
Expenditure Types							
Engineering - Architecture	0	60,000	100,000	90,000	10,000	5,000	265,000
Contract Construction	0	440,000	750,000	685,000	90,000	45,000	2,010,000
Total Expenditures	0	500,000	850,000	775,000	100,000	50,000	2,275,000

Project Name Greenway Improvements
Project Number PK07012
Reference Number 3

Project Description / Justification:

This project provides funding per the MOU with the Wolf River Conservancy for yearly funding for segments of the Wolf River Greenway over a 5-year period.

Operating Budget Impact:

None

Project Detail - Current Year

	Carry Forward	FY 2019
Revenue Sources		
General Obligation Bonds	4,368,744	1,500,000
Total Revenues	4,368,744	1,500,000
Expenditure Types		
Engineering - Architecture	302,061	150,000
Land Acquisition	555,079	0
Contract Construction	3,511,604	1,350,000
Total Expenditures	4,368,744	1,500,000

Project Detail - 5 Year Summary

	Carry Forward	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total
Revenue Sources							
General Obligation Bonds	4,368,744	1,500,000	1,500,000	1,500,000	1,500,000	0	10,368,744
Total Revenues	4,368,744	1,500,000	1,500,000	1,500,000	1,500,000	0	10,368,744
Expenditure Types							
Engineering - Architecture	302,061	150,000	150,000	150,000	150,000	0	902,061
Land Acquisition	555,079	0	0	0	0	0	555,079
Contract Construction	3,511,604	1,350,000	1,350,000	1,350,000	1,350,000	0	8,911,604
Total Expenditures	4,368,744	1,500,000	1,500,000	1,500,000	1,500,000	0	10,368,744



Project Name Zoo Major Maintenance
Project Number PK09002
Reference Number 4

Project Description / Justification:

This project provides funding by the City of Memphis to the Memphis Zoological Society to help fund exhibit and grounds major repair, maintenance projects and emergency repairs as needed.

Operating Budget Impact:

None

Project Detail - Current Year

	Carry Forward	FY 2019
Revenue Sources		
General Obligation Bonds	0	250,000
Total Revenues	0	250,000
Expenditure Types		
Contract Construction	0	250,000
Total Expenditures	0	250,000

Project Detail - 5 Year Summary

	Carry Forward	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total
Revenue Sources							
General Obligation Bonds	0	250,000	250,000	250,000	250,000	250,000	1,250,000
Total Revenues	0	250,000	250,000	250,000	250,000	250,000	1,250,000
Expenditure Types							
Contract Construction	0	250,000	250,000	250,000	250,000	250,000	1,250,000
Total Expenditures	0	250,000	250,000	250,000	250,000	250,000	1,250,000

Project Name Whitehaven CC Improvements
Project Number PK01030
Reference Number 5

Project Description / Justification:

This project will provide funds for Whitehaven Community Center addition and upgrades to the Park.

Operating Budget Impact:

None.

Project Detail - Current Year

	Carry Forward	FY 2019
Revenue Sources		
General Obligation Bonds	250,000	500,000
Total Revenues	250,000	500,000
Expenditure Types		
Engineering - Architecture	250,000	150,000
Contract Construction	0	350,000
Furniture, Fixtures & Equipment	0	0
Total Expenditures	250,000	500,000

Project Detail - 5 Year Summary

	Carry Forward	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total
Revenue Sources							
General Obligation Bonds	250,000	500,000	1,650,000	200,000	0	0	2,600,000
Total Revenues	250,000	500,000	1,650,000	200,000	0	0	2,600,000
Expenditure Types							
Engineering - Architecture	250,000	150,000	0	0	0	0	400,000
Contract Construction	0	350,000	1,650,000	0	0	0	2,000,000
Furniture, Fixtures & Equipment	0	0	0	200,000	0	0	200,000
Total Expenditures	250,000	500,000	1,650,000	200,000	0	0	2,600,000

Project Name Ed Rice Comm Ctr Replacement
Project Number PK01032
Reference Number 6

Project Description / Justification:

This project will provide funds for Architecture and Engineering related to design of a replacement of the existing Ed Rice Community Center. \$8,000,000 is the request in FY2020 for demolition and construction.

Operating Budget Impact:

None.

Project Detail - Current Year

	Carry Forward	FY 2019
Revenue Sources		
General Obligation Bonds	0	960,000
Total Revenues	0	960,000
Expenditure Types		
Land Acquisition	0	960,000
Contract Construction	0	0
Furniture, Fixtures & Equipment	0	0
Other Cost	0	0
Total Expenditures	0	960,000

Project Detail - 5 Year Summary

	Carry Forward	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total
Revenue Sources							
General Obligation Bonds	0	960,000	8,000,000	400,000	0	0	9,360,000
Total Revenues	0	960,000	8,000,000	400,000	0	0	9,360,000
Expenditure Types							
Engineering - Architecture	0	960,000	0	0	0	0	960,000
Contract Construction	0	0	8,000,000	0	0	0	8,000,000
Furniture, Fixtures & Equipment	0	0	0	325,000	0	0	325,000
Other Cost	0	0	0	75,000	0	0	75,000
Total Expenditures	0	960,000	8,000,000	400,000	0	0	9,360,000

Project Name Aquatic Facilities Major Main
Project Number PK04016
Reference Number 7

Project Description / Justification:

This project will provide funds for architecture and engineering design to develop a multi-year maintenance plan for all pools. Funds will also be used for replastering of the Skinner Center indoor pool.

Operating Budget Impact:

None.

Project Detail - Current Year

	Carry Forward	FY 2019
Revenue Sources		
General Obligation Bonds	0	250,000
Total Revenues	0	250,000
Expenditure Types		
Engineering - Architecture	0	200,000
Contract Construction	0	50,000
Total Expenditures	0	250,000

Project Detail - 5 Year Summary

	Carry Forward	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total
Revenue Sources							
General Obligation Bonds	0	250,000	525,000	525,000	525,000	0	1,825,000
Total Revenues	0	250,000	525,000	525,000	525,000	0	1,825,000
Expenditure Types							
Engineering - Architecture	0	200,000	25,000	25,000	25,000	0	275,000
Contract Construction	0	50,000	500,000	500,000	500,000	0	1,550,000
Total Expenditures	0	250,000	525,000	525,000	525,000	0	1,825,000



CIP 2019 DETAIL BY PROJECT

PARKS SERVICES

Project Name Golf Cart Path Repaving
Project Number PK06013
Reference Number 8

Project Description / Justification:

This project will provide funds to repave Pine Hill golf cart paths. FY2020 funds will repave Davy Crockett cart paths.

Operating Budget Impact:

None.

Project Detail - Current Year

	Carry Forward	FY 2019
Revenue Sources		
General Obligation Bonds	0	275,000
Total Revenues	0	275,000
Expenditure Types		
Engineering - Architecture	0	25,000
Contract Construction	0	250,000
Total Expenditures	0	275,000

Project Detail - 5 Year Summary

	Carry Forward	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total
Revenue Sources							
General Obligation Bonds	0	275,000	275,000	0	0	0	550,000
Total Revenues	0	275,000	275,000	0	0	0	550,000
Expenditure Types							
Engineering - Architecture	0	25,000	25,000	0	0	0	50,000
Contract Construction	0	250,000	250,000	0	0	0	500,000
Total Expenditures	0	275,000	275,000	0	0	0	550,000



Project Name Brooks Museum Security Upgrade
Project Number PK08036
Reference Number 9

Project Description / Justification:

This project will provide funds for architecture and engineering design to upgrade the video security system at the Brooks Museum of Art.

Operating Budget Impact:

None.

Project Detail - Current Year

	Carry Forward	FY 2019
Revenue Sources		
General Obligation Bonds	0	225,000
Total Revenues	0	225,000
Expenditure Types		
Engineering - Architecture	0	25,000
Furniture, Fixtures & Equipment	0	200,000
Total Expenditures	0	225,000

Project Detail - 5 Year Summary

	Carry Forward	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total
Revenue Sources							
General Obligation Bonds	0	225,000	0	0	0	0	225,000
Total Revenues	0	225,000	0	0	0	0	225,000
Expenditure Types							
Engineering - Architecture	0	25,000	0	0	0	0	25,000
Furniture, Fixtures & Equipment	0	200,000	0	0	0	0	200,000
Total Expenditures	0	225,000	0	0	0	0	225,000



CIP 2019 DETAIL BY PROJECT

PARKS SERVICES

Project Name Council District Comm Ctr Imp
Project Number PK01031
Reference Number 10

Project Description / Justification:

This project will provide funds to each of the seven (7) Council Districts (\$400,000 each) for improvements at community centers within their respective districts.

Operating Budget Impact:

None.

Project Detail - Current Year

	Carry Forward	FY 2019
Revenue Sources		
General Obligation Bonds	0	2,800,000
Total Revenues	0	2,800,000
Expenditure Types		
Furniture, Fixtures & Equipment	0	2,800,000
Total Expenditures	0	2,800,000

Project Detail - 5 Year Summary

	Carry Forward	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total
Revenue Sources							
General Obligation Bonds	0	2,800,000	0	0	0	0	2,800,000
Total Revenues	0	2,800,000	0	0	0	0	2,800,000
Expenditure Types							
Furniture, Fixtures & Equipment	0	1,400,000	0	0	0	0	1,400,000
Contract Construction	0	1,400,000	0	0	0	0	1,400,000
Total Expenditures	0	2,800,000	0	0	0	0	2,800,000



Project Name Goodwill Homes Improvements
Project Number PK02004
Reference Number 11

Project Description / Justification:

This project will provide funds for miscellaneous maintenance on the interior and exterior of the Goodwill Homes building.

Operating Budget Impact:

None.

Project Detail - Current Year

	Carry Forward	FY 2019
Revenue Sources		
General Obligation Bonds	0	120,000
Total Revenues	0	120,000
Expenditure Types		
Contract Construction	0	120,000
Total Expenditures	0	120,000

Project Detail - 5 Year Summary

	Carry Forward	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total
Revenue Sources							
General Obligation Bonds	0	120,000	0	0	0	0	120,000
Total Revenues	0	120,000	0	0	0	0	120,000
Expenditure Types							
Contract Construction	0	120,000	0	0	0	0	120,000
Total Expenditures	0	120,000	0	0	0	0	120,000

Project Name L.E. Brown Park

Project Number PK07119

Reference Number 12

Project Description / Justification:

This project will provide funds for the construction of L.E. Brown Park that was demolished as part of the revitalization of Cleaborne Pointe Development and repairs to the existing swimming pool.

Operating Budget Impact:

None.

Project Detail - 5 Year Summary

	Carry Forward	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total
Revenue Sources							
General Obligation Bonds	100,000	0	0	0	0	0	100,000
Total Revenues	100,000	0	0	0	0	0	100,000
Expenditure Types							
Contract Construction	100,000	0	0	0	0	0	100,000
Total Expenditures	100,000	0	0	0	0	0	100,000

Project Name Parks Improvements

Project Number PK18103

Reference Number 13

Project Description / Justification:

This project will provided funds to improvement the City's various park on an as needed basis.

Operating Budget Impact:

None.

Project Detail - 5 Year Summary

	Carry Forward	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total
Revenue Sources							
General Obligation Bonds	282,556	0	0	0	0	0	282,556
Total Revenues	282,556	0	0	0	0	0	282,556
Expenditure Types							
Contract Construction	282,556	0	0	0	0	0	282,556
Total Expenditures	282,556	0	0	0	0	0	282,556

Project Name Wolf River Greenway Phase 5A

Project Number PK07116

Reference Number 14

Project Description / Justification:

This project will provide funds for the construction of phase 5A of the Wolf River Greenway.

Operating Budget Impact:

None.

Project Detail - 5 Year Summary

	Carry Forward	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total
Revenue Sources							
General Obligation Bonds	520,000	0	0	0	0	0	520,000
Federal Grants	248,323	0	0	0	0	0	248,323
Total Revenues	768,323	0	0	0	0	0	768,323
Expenditure Types							
Contract Construction	768,323	0	0	0	0	0	768,323
Total Expenditures	768,323	0	0	0	0	0	768,323



	Carry Forward	FY 2019
Revenue Sources		
General Obligation Bonds	7,513,700	15,937,000
Total Revenues	7,513,700	15,937,000
Expenditure Types		
Engineering - Architecture	0	762,000
Contract Construction	802,000	2,600,000
Furniture, Fixtures & Equipment	0	1,575,000
Information Technology	6,711,700	11,000,000
Total Expenditures	7,513,700	15,937,000

CIP 2019 DIVISION SUMMARY

POLICE SERVICES

	Carry Forward	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total
Revenue Sources							
General Obligation Bonds	7,513,700	14,362,000	31,612,800	13,739,200	4,341,840	1,806,303	73,375,843
Capital Pay Go-General Fund	0	1,575,000	0	0	0	0	1,575,000
Total Revenues	7,513,700	15,937,000	31,612,800	13,739,200	4,341,840	1,806,303	74,950,843
Expenditure Types							
Engineering - Architecture	0	762,000	1,386,200	324,480	162,240	0	2,634,920
Contract Construction	802,000	2,600,000	6,489,600	12,114,720	2,595,840	1,459,983	26,062,143
Furniture, Fixtures & Equipment	0	1,575,000	150,000	650,000	791,880	173,160	3,340,040
Other Costs	0	0	3,137,000	0	0	0	3,137,000
Information Technology	6,711,700	11,000,000	20,450,000	650,000	791,880	173,160	39,776,740
Total Expenditures	7,513,700	15,937,000	31,612,800	13,739,200	4,341,840	1,806,303	74,950,843



CIP SUMMARY BY PROJECT

POLICE SERVICES

Reference Number	Project Number	Project Name	Carry Forward	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total
1	PD04025	Radio System Upgrade	0	11,000,000	20,300,000	0	0	0	31,300,000
		FY18 Police Academy							
2	PD02013	Renov	0	1,100,000	799,200	4,867,200	3,141,840	1,806,303	11,714,543
		911 Communications Ctr							
3	PD02015	Upgrade	2,500,000	1,500,000	0	0	0	0	4,000,000
4	PD02009	Mount Moriah Station	0	762,000	6,489,600	1,300,000	0	0	8,551,600
5	PD04028	Aerial Surveillance Cameras	0	1,575,000	0	0	0	0	1,575,000
6	PD02010	Raines Station	0	0	887,000	7,572,000	1,200,000	0	9,659,000
7	PD04003	Purchase Helicopter	0	0	3,137,000	0	0	0	3,137,000
8	PD02012	CSI Office Renovation	350,000	0	0	0	0	0	350,000
9	PD02014	FY18 Precinct Renovation	452,000	0	0	0	0	0	452,000
10	PD04022	In-Car Video/GPS	4,211,700	0	0	0	0	0	4,211,700
Total			7,513,700	15,937,000	31,612,800	13,739,200	4,341,840	1,806,303	74,950,843



Project Name Radio System Upgrade
Project Number PD04025
Reference Number 1

Project Description / Justification:

This project will fund the replacement of the City of Memphis radio system because our current radio system will have reached its end of life cycle for parts and service on December 31, 2018. This will replace the old system with a new radio system that's compatible with P25 technology. The City/County split is 51%/49%. The FY2019 Budget represents only the City's portion of expenditures.

Operating Budget Impact:

None

Project Detail - Current Year

	Carry Forward	FY 2019
Revenue Sources		
General Obligation Bonds	0	11,000,000
Total Revenues	0	11,000,000
Expenditure Types		
Information Technology	0	11,000,000
Total Expenditures	0	11,000,000

Project Detail - 5 Year Summary

	Carry Forward	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total
Revenue Sources							
General Obligation Bonds	0	11,000,000	20,300,000	0	0	0	31,300,000
Total Revenues	0	11,000,000	20,300,000	0	0	0	31,300,000
Expenditure Types							
Information Technology	0	11,000,000	20,300,000	0	0	0	31,300,000
Total Expenditures	0	11,000,000	20,300,000	0	0	0	31,300,000



CIP 2019 DETAIL BY PROJECT

POLICE SERVICES

Project Name FY18 Police Academy Renov
Project Number PD02013
Reference Number 2

Project Description / Justification:

This project will fund the renovation of the Memphis Police Training Academy, adding much needed updating and expansion of the existing facility. FY18 Design; FY19 Gymnasium Reno; FY20 Design Offices and FF&E/IT; FY21 Design Classrooms and Increase Staff Offices; FY22 Design Parking/Ext, Additional Classrooms and FF&E/IT; FY23 Parking, Exterior Reno and FF&E.

Operating Budget Impact:
None.

Project Detail - Current Year

	Carry Forward	FY 2019
Revenue Sources		
General Obligation Bonds	0	1,100,000
Total Revenues	0	1,100,000
Expenditure Types		
Contract Construction	0	1,100,000
Total Expenditures	0	1,100,000

Project Detail - 5 Year Summary

	Carry Forward	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total
Revenue Sources							
General Obligation Bonds	0	1,100,000	799,200	4,867,200	3,141,840	1,806,303	11,714,543
Total Revenues	0	1,100,000	799,200	4,867,200	3,141,840	1,806,303	11,714,543
Expenditure Types							
Engineering - Architecture	0	0	499,200	324,480	162,240	0	985,920
Contract Construction	0	1,100,000	0	4,542,720	2,595,840	1,459,983	9,698,543
Furniture, Fixtures & Equipment	0	0	150,000	0	191,880	173,160	515,040
Information Technology	0	0	150,000	0	191,880	173,160	515,040
Total Expenditures	0	1,100,000	799,200	4,867,200	3,141,840	1,806,303	11,714,543



CIP 2019 DETAIL BY PROJECT

POLICE SERVICES

Project Name 911 Communications Ctr Upgrade
Project Number PD02015
Reference Number 3

Project Description / Justification:

This project will provide funding for the Upgrade of the City's 911 Communications Center, which will provide efficient services for 911 emergency calls and dispatch.

Operating Budget Impact:

None.

Project Detail - Current Year

	Carry Forward	FY 2019
Revenue Sources		
General Obligation Bonds	2,500,000	1,500,000
Total Revenues	2,500,000	1,500,000
Expenditure Types		
Contract Construction	2,500,000	1,500,000
Total Expenditures	2,500,000	1,500,000

Project Detail - 5 Year Summary

	Carry Forward	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total
Revenue Sources							
General Obligation Bonds	2,500,000	1,500,000	0	0	0	0	4,000,000
Total Revenues	2,500,000	1,500,000	0	0	0	0	4,000,000
Expenditure Types							
Contract Construction	2,500,000	1,500,000	0	0	0	0	4,000,000
Total Expenditures	2,500,000	1,500,000	0	0	0	0	4,000,000



CIP 2019 DETAIL BY PROJECT

POLICE SERVICES

Project Name Mount Moriah Station
Project Number PD02009
Reference Number 4

Project Description / Justification:

This project will replace the existing precinct at 2602 Mt. Moriah built in 1980. After extensive renovation review it is more economically feasible to replace the building on the same site rather than renovate. The building will provide a permanent facility for the Mt. Moriah Patrol area.

Operating Budget Impact:

Budget Impact is neutral.

Project Detail - Current Year

	Carry Forward	FY 2019
Revenue Sources		
General Obligation Bonds	0	762,000
Total Revenues	0	762,000
Expenditure Types		
Engineering - Architecture	0	762,000
Total Expenditures	0	762,000

Project Detail - 5 Year Summary

	Carry Forward	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total
Revenue Sources							
General Obligation Bonds	0	762,000	6,489,600	1,300,000	0	0	8,551,600
Total Revenues	0	762,000	6,489,600	1,300,000	0	0	8,551,600
Expenditure Types							
Engineering - Architecture	0	762,000	0	0	0	0	762,000
Contract Construction	0	0	6,489,600	0	0	0	6,489,600
Furniture, Fixtures & Equipment	0	0	0	650,000	0	0	650,000
Information Technology	0	0	0	650,000	0	0	650,000
Total Expenditures	0	762,000	6,489,600	1,300,000	0	0	8,551,600



CIP 2019 DETAIL BY PROJECT

POLICE SERVICES

Project Name Aerial Surveillance Cameras

Project Number PD04028

Reference Number 5

Project Description / Justification:

This project will provide funding for the Neighborhood Sentinel Program, designed to provide additional camera surveillance to all City Council Districts.

Operating Budget Impact:

\$500,000 is allocated to the Neighborhood Sentinel Program within the FY2019 Police Services Operating Budget for monitoring activities.

Project Detail - Current Year

	Carry Forward	FY 2019
Revenue Sources		
Capital Pay Go-General Fund	0	1,575,000
Total Revenues	0	1,575,000
Expenditure Types		
Furniture, Fixtures & Equipment	0	1,575,000
Total Expenditures	0	1,575,000

Project Detail - 5 Year Summary

	Carry Forward	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total
Revenue Sources							
Capital Pay Go-General Fund	0	1,575,000	0	0	0	0	1,575,000
Total Revenues	0	1,575,000	0	0	0	0	1,575,000
Expenditure Types							
Furniture, Fixtures & Equipment	0	1,575,000	0	0	0	0	1,575,000
Total Expenditures	0	1,575,000	0	0	0	0	1,575,000



Project Name Raines Station
Project Number PD02010
Reference Number 6

Project Description / Justification:

This project is a full service precinct that will replace the existing facility at 791 E. Raines. The existing patrol area for Raines Station will not be affected. This is a replacement for the building that was constructed in 1980 and is cost prohibitive to be renovated to today's standards and divisional needs. The building will provide a permanent facility for the Raines Station patrol area.

Operating Budget Impact:

Budget Neutral/Replacement of existing operation.

Project Detail - 5 Year Summary

	Carry Forward	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total
Revenue Sources							
General Obligation Bonds	0	0	887,000	7,572,000	1,200,000	0	9,659,000
Total Revenues	0	0	887,000	7,572,000	1,200,000	0	9,659,000
Expenditure Types							
Engineering - Architecture	0	0	887,000	0	0	0	887,000
Contract Construction	0	0	0	7,572,000	0	0	7,572,000
Furniture, Fixtures & Equipment	0	0	0	0	600,000	0	600,000
Information Technology	0	0	0	0	600,000	0	600,000
Total Expenditures	0	0	887,000	7,572,000	1,200,000	0	9,659,000

CIP 2019 DETAIL BY PROJECT

POLICE SERVICES

Project Name Purchase Helicopter
Project Number PD04003
Reference Number 7

Project Description / Justification:

This project will provide funding to purchase a new helicopter for the aging MPD fleet. This will replace the 1986 Bell Ranger that was purchased by the department in 1992. (Air 2, Serial #4000, Tail #N164K).

Operating Budget Impact:

None, replacement vehicle of similar operating costs.

Project Detail - 5 Year Summary

	Carry Forward	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total
Revenue Sources							
General Obligation Bonds	0	0	3,137,000	0	0	0	3,137,000
Total Revenues	0	0	3,137,000	0	0	0	3,137,000
Expenditure Types							
Other Cost	0	0	3,137,000	0	0	0	3,137,000
Total Expenditures	0	0	3,137,000	0	0	0	3,137,000



Project Name CSI Office Renovation

Project Number PD02012

Reference Number 8

Project Description / Justification:

This project will provide funding for the renovation of the offices in the CSI division of Police Services including demolition of existing modular offices and replacing with modern space efficient offices.

Operating Budget Impact:

None

Project Detail - 5 Year Summary

	Carry Forward	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total
Revenue Sources							
General Obligation Bonds	350,000	0	0	0	0	0	350,000
Total Revenues	350,000	0	0	0	0	0	350,000
Expenditure Types							
Construction	350,000	0	0	0	0	0	350,000
Total Expenditures	350,000	0	0	0	0	0	350,000

CIP 2019 DETAIL BY PROJECT

POLICE SERVICES

Project Name FY18 Precinct Renovation

Project Number PD02014

Reference Number 9

Project Description / Justification:

This project provides funding for the renovation of aging MPD Police Stations, parking lots, furniture and equipments.

Operating Budget Impact:

None

Project Detail - 5 Year Summary

	Carry Forward	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total
Revenue Sources							
General Obligation Bonds	452,000	0	0	0	0	0	452,000
Total Revenues	452,000	0	0	0	0	0	452,000
Expenditure Types							
Construction	452,000	0	0	0	0	0	452,000
Total Expenditures	452,000	0	0	0	0	0	452,000



Project Name In-Car Video/GPS

Project Number PD04022

Reference Number 10

Project Description / Justification:

This project will provide funding to continue purchasing mobile in car camera with GPS Tracking for squad cars and body worn cameras for officers. The approval for this expenditure was established in March 2014.

Operating Budget Impact:

None

Project Detail - 5 Year Summary

	Carry Forward	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total
Revenue Sources							
General Obligation Bonds	4,211,700	0	0	0	0	0	4,211,700
Total Revenues	4,211,700	0	0	0	0	0	4,211,700
Expenditure Types							
Information Technology	4,211,700	0	0	0	0	0	4,211,700
Total Expenditures	4,211,700	0	0	0	0	0	4,211,700



	Carry Forward	FY 2019
Revenue Sources		
General Obligation Bonds	13,432,479	22,255,692
Federal Grants CIP	10,350,808	0
State Grants All	712,000	0
Local Other CIP	230,759	0
Total Revenues	<u>24,726,046</u>	<u>22,255,692</u>
Expenditure Types		
Engineering - Architecture	7,387,279	2,255,692
Land Acquisition	794,909	0
Contract Construction	16,543,858	20,000,000
Total Expenditures	<u>24,726,046</u>	<u>22,255,692</u>

CIP 2019 DIVISION SUMMARY

PUBLIC WORKS

	Carry Forward	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total
Revenue Sources							
General Obligation Bonds	13,432,479	22,255,692	26,113,210	22,541,000	23,541,000	25,041,000	132,924,381
Federal Grants CIP	10,350,808	0	0	0	0	0	10,350,808
Local Other CIP	230,759	0	0	0	0	0	230,759
State Grant CIP	712,000	0	0	0	0	0	712,000
Total Revenues	24,726,046	22,255,692	26,113,210	22,541,000	23,541,000	25,041,000	144,217,948
Expenditure Types							
Engineering - Architecture	7,387,279	2,255,692	3,621,405	1,541,000	1,041,000	1,041,000	16,887,376
Land Acquisition	794,909	0	0	0	1,500,000	0	2,294,909
Contract Construction	16,543,858	20,000,000	22,491,805	21,000,000	21,000,000	24,000,000	125,035,663
Total Expenditures	24,726,046	22,255,692	26,113,210	22,541,000	23,541,000	25,041,000	144,217,948



CIP SUMMARY BY PROJECT

PUBLIC WORKS

Reference Number	Project Number	Project Name	Carry Forward	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total
1	PW19100	Asphalt/Paving Coverline	0	19,000,000	19,000,000	19,000,000	19,000,000	19,000,000	95,000,000
2	PW19200	ADA Curb Ramp Coverline	0	1,500,000	2,500,000	2,500,000	2,500,000	2,500,000	11,500,000
Sidewalk Replace Var									
3	PW19500	Coverline	0	500,000	500,000	500,000	500,000	500,000	2,500,000
4	PW04119	STBG Group 1 Resurfacing	0	304,182	1,491,805	0	0	0	1,795,987
5	PW04120	STBG Group 2 Resurfacing	0	410,510	2,080,405	0	0	0	2,490,915
6	PW04118	Harbor Avenue Repaving	0	41,000	41,000	41,000	41,000	41,000	205,000
Shelby Dr-Paul Lowery to									
7	PW01284	Weaver	0	500,000	500,000	500,000	1,500,000	3,000,000	6,000,000
8	PW01278	Poplar-Yates to I-240	426,089	0	0	0	0	0	426,089
9	PW01277	Poplar-Front to Bellevue	800,000	0	0	0	0	0	800,000
10	PW01280	Union Ave-Pauline to Flicker	3,000,000	0	0	0	0	0	3,000,000
Southeastern Industrial Rd									
11	PW01279	Imp	700,000	0	0	0	0	0	700,000
12	PW04117	Old Melrose Site Rehab	500,000	0	0	0	0	0	500,000
Repair 14 Bridges Sam									
13	PW01253	Cooper	3,081,000	0	0	0	0	0	3,081,000
14	PW01260	Sandbrook Realignment	275,158	0	0	0	0	0	275,158
Walker Ave. Streetscape									
15	PW04103	Ph. 2	647,587	0	0	0	0	0	647,587
16	PW01064	Elvis Presley/Shelby/Winch	7,755,397	0	0	0	0	0	7,755,397
17	PW01245	STP Bike/Ped Group	6,124,315	0	0	0	0	0	6,124,315
Southbrook Mall									
18	PW04114	Infrastructure	1,416,500	0	0	0	0	0	1,416,500
Total			24,726,046	22,255,692	26,113,210	22,541,000	23,541,000	25,041,000	144,217,948



CIP 2019 DETAIL BY PROJECT

PUBLIC WORKS

Project Name Asphalt/Paving Coverline
Project Number PW19100
Reference Number 1

Project Description / Justification:
 Asphalt paving activities performed or contracted by the City.

Operating Budget Impact:
 None.

Project Detail - Current Year

	Carry Forward	FY 2019
Revenue Sources		
General Obligation Bonds	0	19,000,000
Total Revenues	0	19,000,000
Expenditure Types		
Engineering - Architecture	0	500,000
Contract Construction	0	18,500,000
Total Expenditures	0	19,000,000

Project Detail - 5 Year Summary

	Carry Forward	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total
Revenue Sources							
General Obligation Bonds	0	19,000,000	19,000,000	19,000,000	19,000,000	19,000,000	95,000,000
Total Revenues	0	19,000,000	19,000,000	19,000,000	19,000,000	19,000,000	95,000,000
Expenditure Types							
Engineering - Architecture	0	500,000	500,000	500,000	500,000	500,000	2,500,000
Contract Construction	0	18,500,000	18,500,000	18,500,000	18,500,000	18,500,000	92,500,000
Total Expenditures	0	19,000,000	19,000,000	19,000,000	19,000,000	19,000,000	95,000,000



CIP 2019 DETAIL BY PROJECT

PUBLIC WORKS

Project Name ADA Curb Ramp Coverline
Project Number PW19200
Reference Number 2

Project Description / Justification:

Installation of curb ramps on corners at intersections throughout the City as required by the Americans with Disabilities Act (ADA).

Operating Budget Impact:

None.

Project Detail - Current Year

	Carry Forward	FY 2019
Revenue Sources		
General Obligation Bonds	0	1,500,000
Total Revenues	0	1,500,000
Expenditure Types		
Contract Construction	0	1,500,000
Total Expenditures	0	1,500,000

Project Detail - 5 Year Summary

	Carry Forward	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total
Revenue Sources							
General Obligation Bonds	0	1,500,000	2,500,000	2,500,000	2,500,000	2,500,000	11,500,000
Total Revenues	0	1,500,000	2,500,000	2,500,000	2,500,000	2,500,000	11,500,000
Expenditure Types							
Contract Construction	0	1,500,000	2,500,000	2,500,000	2,500,000	2,500,000	11,500,000
Total Expenditures	0	1,500,000	2,500,000	2,500,000	2,500,000	2,500,000	11,500,000



Project Name Sidewalk Replace Var Cover Line
Project Number PW19500
Reference Number 3

Project Description / Justification:

This project will provide funding for the installation, replacement, or repair of sidewalks to City owned property. These funds may also be used to provide assistance to residential property owners in accordance with the City of Memphis Sidewalk Financial Assistance Program.

Operating Budget Impact:

None.

Project Detail - Current Year

	Carry Forward	FY 2019
Revenue Sources		
General Obligation Bonds	0	500,000
Total Revenues	0	500,000
Expenditure Types		
Engineering - Architecture	0	500,000
Total Expenditures	0	500,000

Project Detail - 5 Year Summary

	Carry Forward	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total
Revenue Sources							
General Obligation Bonds	0	500,000	500,000	500,000	500,000	500,000	2,500,000
Total Revenues	0	500,000	500,000	500,000	500,000	500,000	2,500,000
Expenditure Types							
Engineering - Architecture	0	500,000	500,000	500,000	500,000	500,000	2,500,000
Total Expenditures	0	500,000	500,000	500,000	500,000	500,000	2,500,000

Project Name STBG Group 1 Resurfacing
Project Number PW04119
Reference Number 4

Project Description / Justification:

This project is established for preventive maintenance paving activities leveraging State and Federal grants. The project will complete repaving on Bartlett (Summer to Raleigh LaGrange), Democrat (Tchulahoma to Lamar), Florida (South Parkway to Belz), Mendenhall (Winchester to Shelby), Millbranch (Riverbrook to City Limit), Graham (Goodlett to Summer), Mississippi (Crump to Danny Thomas), and Stratford (Macon to Summer). Improvements to pedestrian, bicycle, and transit Infrastructure will be included on each route.

Operating Budget Impact:
 None.

Project Detail - Current Year

	Carry Forward	FY 2019
Revenue Sources		
General Obligation Bonds	0	304,182
Total Revenues	0	304,182
Expenditure Types		
Engineering - Architecture	0	304,182
Total Expenditures	0	304,182

Project Detail - 5 Year Summary

	Carry Forward	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total
Revenue Sources							
General Obligation Bonds	0	304,182	1,491,805	0	0	0	1,795,987
Total Revenues	0	304,182	1,491,805	0	0	0	1,795,987
Expenditure Types							
Engineering - Architecture	0	304,182	0	0	0	0	304,182
Contract Construction	0	0	1,491,805	0	0	0	1,491,805
Total Expenditures	0	304,182	1,491,805	0	0	0	1,795,987



Project Name STBG Group 2 Resurfacing
Project Number PW04120
Reference Number 5

Project Description / Justification:

This project is established for preventive maintenance paving activities leveraging State and Federal grants. The project will complete repaving on Central (Cooper to Lamar), Park (Semmes to Ridgeway), Highland (Summer to Macon), Sycamore View (Macon to Summer), and Knight Arnold (Cherry to Lamar). Improvements to pedestrian, bicycle, and transit infrastructure, will be included on each route.

Operating Budget Impact:
 None.

Project Detail - Current Year

	Carry Forward	FY 2019
Revenue Sources		
General Obligation Bonds	0	410,510
Total Revenues	0	410,510
Expenditure Types		
Engineering - Architecture	0	410,510
Total Expenditures	0	410,510

Project Detail - 5 Year Summary

	Carry Forward	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total
Revenue Sources							
General Obligation Bonds	0	410,510	2,080,405	0	0	0	2,490,915
Total Revenues	0	410,510	2,080,405	0	0	0	2,490,915
Expenditure Types							
Engineering - Architecture	0	410,510	0	0	0	0	410,510
Contract Construction	0	0	2,080,405	0	0	0	2,080,405
Total Expenditures	0	410,510	2,080,405	0	0	0	2,490,915



Project Name Harbor Avenue Repaving
 Project Number PW04118
 Reference Number 6

Project Description / Justification:

This project will provide funding for milling and resurfacing of Harbor Avenue from Buoy to Riverside.

Operating Budget Impact:

None.

Project Detail - Current Year

	Carry Forward	FY 2019
Revenue Sources		
General Obligation Bonds	0	41,000
Total Revenues	0	41,000
Expenditure Types		
Engineering - Architecture	0	41,000
Total Expenditures	0	41,000

Project Detail - 5 Year Summary

	Carry Forward	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total
Revenue Sources							
General Obligation Bonds	0	41,000	41,000	41,000	41,000	41,000	205,000
Total Revenues	0	41,000	41,000	41,000	41,000	41,000	205,000
Expenditure Types							
Engineering - Architecture	0	41,000	41,000	41,000	41,000	41,000	205,000
Total Expenditures	0	41,000	41,000	41,000	41,000	41,000	205,000

Project Name Shelby Dr-Paul Lowery to Weaver
Project Number PW01284
Reference Number 7

Project Description / Justification:

This project is established for finding of a new road. Paul Lowery Road to Sewanee Road will be a new four lane road (divided) with grade separation at the railroad crossing. The section for Sewanee Road to Weaver Road will be widened from two to four lanes with grade separation.

Operating Budget Impact:

None.

Project Detail - Current Year

	Carry Forward	FY 2019
Revenue Sources		
General Obligation Bonds	0	500,000
Total Revenues	0	500,000
Expenditure Types		
Engineering - Architecture	0	500,000
Total Expenditures	0	500,000

Project Detail - 5 Year Summary

	Carry Forward	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total
Revenue Sources							
General Obligation Bonds	0	500,000	500,000	500,000	1,500,000	3,000,000	6,000,000
Total Revenues	0	500,000	500,000	500,000	1,500,000	3,000,000	6,000,000
Expenditure Types							
Engineering - Architecture	0	500,000	500,000	500,000	0	0	1,500,000
Land Acquisition	0	0	0	0	1,500,000	0	1,500,000
Contract Construction	0	0	0	0	0	3,000,000	3,000,000
Total Expenditures	0	500,000	500,000	500,000	1,500,000	3,000,000	6,000,000



Project Name Poplar-Yates to I-240
Project Number PW01278
Reference Number 8

Project Description / Justification:

This project will provide funding to reconstruct Poplar between Yates and I-240 to include an additional west bound lane, traffic signal modernization, transit and pedestrian improvements, and safety enhancements.

Operating Budget Impact:

None.

Project Detail - 5 Year Summary

	Carry Forward	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total
Revenue Sources							
General Obligation Bonds	66,000	0	0	0	0	0	66,000
Federal Grants CIP	360,089	0	0	0	0	0	360,089
Total Revenues	426,089	0	0	0	0	0	426,089
Expenditure Types							
Engineering - Architecture	426,089	0	0	0	0	0	426,089
Total Expenditures	426,089	0	0	0	0	0	426,089

Project Name Poplar-Front to Bellevue
Project Number PW01277
Reference Number 9

Project Description / Justification:

This project will provide funding to reduce Poplar from 6/7 lanes to 5 lanes and include bicycle lanes, traffic signal modernization, transit and pedestrian improvements, and access management.

Operating Budget Impact:

None.

Project Detail - 5 Year Summary

	Carry Forward	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total
Revenue Sources							
General Obligation Bonds	160,000	0	0	0	0	0	160,000
Federal Grants CIP	640,000	0	0	0	0	0	640,000
Total Revenues	800,000	0	0	0	0	0	800,000
Expenditure Types							
Engineering - Architecture	800,000	0	0	0	0	0	800,000
Total Expenditures	800,000	0	0	0	0	0	800,000

Project Name Union Ave-Pauline to Flicker
Project Number PW01280
Reference Number 10

Project Description / Justification:

This project will provide funding to reduce Union Avenue from 6 lanes to 5 lanes and include bicycle lanes, permitted/protected left turns at signalized intersections, transit and pedestrian improvements, and access management.

Operating Budget Impact:

None.

Project Detail - 5 Year Summary

	Carry Forward	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total
Revenue Sources							
General Obligation Bonds	600,000	0	0	0	0	0	600,000
Federal Grants CIP	2,400,000	0	0	0	0	0	2,400,000
Total Revenues	3,000,000	0	0	0	0	0	3,000,000
Expenditure Types							
Engineering-Architecture	3,000,000	0	0	0	0	0	3,000,000
Total Expenditures	3,000,000	0	0	0	0	0	3,000,000

Project Name Southeastern Industrial Rd Imp
Project Number PW01279
Reference Number 11

Project Description / Justification:

This project will provide supplemental funding for the planning, design, and construction of roadway projects located in the Southeast Industrial Area.

Operating Budget Impact:

None.

Project Detail - 5 Year Summary

	Carry Forward	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total
Revenue Sources							
General Obligation Bonds	700,000	0	0	0	0	0	700,000
Total Revenues	700,000	0	0	0	0	0	700,000
,000Expenditure Types							
Land Acquisition	200,000	0	0	0	0	0	200,000
Contract Construction	500,000	0	0	0	0	0	500,000
Total Expenditures	700,000	0	0	0	0	0	700,000

Project Name Old Melrose Site Rehab
Project Number PW04117
Reference Number 12

Project Description / Justification:

This project will fund the rehabilitation of the Old Melrose High School site, which will improve the safety and well being of the Orange Mound community.

Operating Budget Impact:

None.

Project Detail - 5 Year Summary

	Carry Forward	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total
Revenue Sources							
General Obligation Bonds	500,000	0	0	0	0	0	500,000
Total Revenues	500,000	0	0	0	0	0	500,000
Expenditure Types							
Contract Construction	500,000	0	0	0	0	0	500,000
Total Expenditures	500,000	0	0	0	0	0	500,000

Project Name Repair 14 Bridges Sam Cooper
Project Number PW01253
Reference Number 13

Project Description / Justification:

The purpose of this project is to repair eleven (11) bridges on Sam Cooper Boulevard from Holmes Street to Mendenhall Road over an approximate distance of 3 miles. Six (6) of these bridges were rated poor in the 2013 TDOT inspection list. The main issues with these bridges are deck problems, but there are also erosion problems. Bridges are to be repainted.

Operating Budget Impact:

None.

Project Detail - 5 Year Summary

	Carry Forward	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total
Revenue Sources							
General Obligation Bonds	657,000	0	0	0	0	0	657,000
Federal Grant CIP	2,424,000	0	0	0	0	0	2,424,000
Total Revenues	3,081,000	0	0	0	0	0	3,081,000
Expenditure Types							
Engineering-Architecture	463,000	0	0	0	0	0	463,000
Contract Construction	2,618,000	0	0	0	0	0	2,618,000
Total Expenditures	3,081,000	0	0	0	0	0	3,081,000

Project Name Sandbrook Realignment
Project Number PW01260
Reference Number 14

Project Description / Justification:

This project will realign Sandbrook Street with the north-south extension of Springbrook Avenue that forms an intersection with Brooks Road.

Operating Budget Impact:

None.

Project Detail - 5 Year Summary

	Carry Forward	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total
Revenue Sources							
General Obligation Bonds	275,158	0	0	0	0	0	275,158
Total Revenues	275,158	0	0	0	0	0	275,158
Expenditure Types							
Engineering-Architecture	10,158	0	0	0	0	0	10,158
Land Acquisition	50,000	0	0	0	0	0	50,000
Contract Construction	215,000	0	0	0	0	0	215,000
Total Expenditures	275,158	0	0	0	0	0	275,158

Project Name Walker Ave. Streetscape Ph. 2
Project Number PW04103
Reference Number 15

Project Description / Justification:

This project provides funding for improved pedestrian access and bike facilities near the University of Memphis between Highland and the intersection of Walker, with the extension of Southern from the west.

Operating Budget Impact:

None.

Project Detail - 5 Year Summary

	Carry Forward	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total
Revenue Sources							
General Obligation Bonds	458,824	0	0	0	0	0	458,824
Federal Grants CIP	188,763	0	0	0	0	0	188,763
Total Revenues	647,587	0	0	0	0	0	647,587
Expenditure Types							
Contract Construction	647,587	0	0	0	0	0	647,587
Total Expenditures	647,587	0	0	0	0	0	647,587

Project Name Elvis Presley/Shelby/Winch
Project Number PW01064
Reference Number 16

Project Description / Justification:

This project will provide funding for Improvements to the Elvis Presley Boulevard Corridor from Shelby Drive to Brooks Road. Construction will be accomplished in several phases.

Operating Budget Impact:

None

Project Detail - 5 Year Summary

	Carry Forward	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total
Revenue Sources							
General Obligation Bonds	7,755,397	0	0	0	0	0	7,755,397
Total Revenues	7,755,397	0	0	0	0	0	7,755,397
Expenditure Types							
Engineering - Architecture	1,708,905	0	0	0	0	0	1,708,905
Land Acquisition	205,000	0	0	0	0	0	205,000
Contract Construction	5,841,492	0	0	0	0	0	5,841,492
Total Expenditures	7,755,397	0	0	0	0	0	7,755,397

CIP 2019 DETAIL BY PROJECT

PUBLIC WORKS

Project Name STP Bike/Ped Group
Project Number PW01245
Reference Number 17

Project Description / Justification:

This project will provide funding for MPO Bike and Pedestrian Plan. (Wolf River Greenway Phases 6,7, & 14, Overton Park Perimeter Trail; South Memphis Greenline, and Jefferson Avenue Cycle Track. Reprogram balance of FY '16 funds).

Operating Budget Impact:

None.

Project Detail - 5 Year Summary

	Carry Forward	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total
Revenue Sources							
General Obligation Bonds	843,600	0	0	0	0	0	843,600
Federal Grants CIP	4,337,956	0	0	0	0	0	4,337,956
Local Other CIP	230,759	0	0	0	0	0	230,759
State Grant CIP	712,000	0	0	0	0	0	712,000
Total Revenues	6,124,315	0	0	0	0	0	6,124,315
Expenditure Types							
Engineering-Architecture	837,627	0	0	0	0	0	837,627
Land Acquisition	339,909	0	0	0	0	0	339,909
Contract Construction	4,946,779	0	0	0	0	0	4,946,779
Total Expenditures	6,124,315	0	0	0	0	0	6,124,315



Project Name Southbrook Mall Infrastructure
Project Number PW04114
Reference Number 18

Project Description / Justification:

This project will provide public use funds to support the Southbrook Mall infrastructure.

Operating Budget Impact:

None.

Project Detail - 5 Year Summary

	Carry Forward	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total
Revenue Sources							
General Obligation Bonds	1,416,500	0	0	0	0	0	1,416,500
Total Revenues	1,416,500	0	0	0	0	0	1,416,500
Expenditure Types							
Engineering-Architecture	141,500	0	0	0	0	0	141,500
Contract Construction	1,275,000	0	0	0	0	0	1,275,000
Total Expenditures	1,416,500	0	0	0	0	0	1,416,500



	Carry Forward	FY 2019
Revenue Sources		
General Obligation Bonds	1,090,418	0
Federal Grants CIP	5,931,800	0
Total Revenues	7,022,218	0
Expenditure Types		
Construction	7,022,218	0
Total Expenditures	7,022,218	0

	Carry Forward	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total
Revenue Sources							
General Obligation Bonds	1,090,418	0	0	0	0	0	1,090,418
Federal Grants CIP	5,931,800	0	0	0	0	0	5,931,800
Total Revenues	7,022,218	0	0	0	0	0	7,022,218
Expenditure Types							
Contract Construction	7,022,218	0	0	0	0	0	7,022,218
Total Expenditures	7,022,218	0	0	0	0	0	7,022,218

CIP SUMMARY BY PROJECT

RIVERFRONT DEVELOPMENT

Reference Number	Project Number	Project Name	Carry Forward	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total
1	GA01004	Cobblestone Landing	7,022,218	0	0	0	0	0	7,022,218
		Total	7,022,218	0	0	0	0	0	7,022,218



CIP 2019 DETAIL BY PROJECT

RIVERFRONT DEVELOPMENT

Project Name Cobblestone Landing
Project Number GA01004
Reference Number 1

Project Description / Justification:

This project will provide for funds for the restoration of the historic Cobblestone Landing that has deteriorated over the years.

Operating Budget Impact:

None.

Project Detail - Current Year

	Carry Forward	FY 2019
Revenue Sources		
General Obligation Bonds	1,090,418	0
Federal Grants CIP	5,931,800	
Total Revenues	7,022,218	0
Expenditure Types		
Construction	7,022,218	0
Total Expenditures	7,022,218	0

Project Detail - 5 Year Summary

	Carry Forward	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total
Revenue Sources							
General Obligation Bonds	1,090,418	0	0	0	0	0	1,090,418
Federal Grants CIP	5,931,800	0	0	0	0	0	5,931,800
Total Revenues	7,022,218	0	0	0	0	0	7,022,218
Expenditure Types							
Contract Construction	7,022,218	0	0	0	0	0	7,022,218
Total Expenditures	7,022,218	0	0	0	0	0	7,022,218



	Carry Forward	FY 2019
Revenue Sources		
Capital PAY GO	231,688,508	73,750,000
Sewer Revenue Bonds	37,685,402	0
Federal Grants CIP	1,000,000	0
Local Other CIP	908,192	0
Total Revenues	<u>271,282,102</u>	<u>73,750,000</u>
Expenditure Types		
Engineering - Architecture	209,663,606	36,400,000
Land Acquisition	839,811	1,100,000
Furniture, Fixture & Equipment	600,000	850,000
Information Technology	0	900,000
Contract Construction	60,178,685	34,500,000
Total Expenditures	<u>271,282,102</u>	<u>73,750,000</u>

CIP SUMMARY BY PROJECT

SEWER FUND

	Carry Forward	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total
Revenue Sources							
Capital PAY GO	231,688,508	73,750,000	47,250,000	40,450,000	35,200,000	34,700,000	463,038,508
Sewer Revenue Bonds	37,685,402	0	0	0	0	0	37,685,402
Federal Grants CIP	1,000,000	0	0	0	0	0	1,000,000
Local Other CIP	908,192	0	0	0	0	0	908,192
Total Revenues	271,282,102	73,750,000	47,250,000	40,450,000	35,200,000	34,700,000	502,632,102
Expenditure Types							
Engineering - Architecture	209,663,606	36,400,000	35,700,000	30,700,000	25,700,000	25,700,000	363,863,606
Land Acquisition	839,811	1,100,000	350,000	250,000	0	0	2,539,811
Furniture, Fixture & Equipment	600,000	850,000	200,000	0	0	0	1,650,000
Information Technology	0	900,000	0	0	0	0	900,000
Contract Construction	60,178,685	34,500,000	11,000,000	9,500,000	9,500,000	9,000,000	133,678,685
	271,282,102	73,750,000	47,250,000	40,450,000	35,200,000	34,700,000	502,632,102



CIP SUMMARY BY PROJECT

SEWER FUND

Reference Number	Project Number	Project Name	Carry Forward	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total
		FY19 Misc Sub Outfall							
1	SW19100	Cover Line	0	2,650,000	2,000,000	200,000	200,000	200,000	5,250,000
		FY19 Rehab Existing Sewer							
2	SW19200	Cover Line	0	29,750,000	9,750,000	9,750,000	9,500,000	9,500,000	68,250,000
		FY19 Svc Unsewered Area							
3	SW19300	Cover Line	0	1,850,000	0	0	0	0	1,850,000
		Sewer Assessment &							
4	SW05001	Rehab	76,958,409	15,000,000	15,000,000	20,000,000	25,000,000	25,000,000	176,958,409
5	SW04007	Environmental Maint Reloc	10,239,811	450,000	0	0	0	0	10,689,811
6	SW02033	South Plant Expansion	134,313,262	24,050,000	20,000,000	10,000,000	0	0	188,363,262
7	SW02006	Sludge Disp/Earth Complex	7,050,266	0	500,000	500,000	500,000	0	8,550,266
8	SW04009	Stiles Plant Modification	12,832,538	0	0	0	0	0	12,832,538
9	SW02011	Covered Anaerobic Lagoon	29,887,816	0	0	0	0	0	29,887,816
Total			271,282,102	73,750,000	47,250,000	40,450,000	35,200,000	34,700,000	502,632,102



CIP 2019 DETAIL BY PROJECT

SEWER FUND

Project Name FY19 Misc Sub Outfalls Cover
Project Number SW19100
Reference Number 1

Project Description / Justification:

This project provides funding to connect new subdivisions to the City's sewer system within the City's annexation area. FY2019 will be funded by Capital Pay Go-Sewer.

Operating Budget Impact:

None.

Project Detail - Current Year

	Carry Forward	FY 2019
Revenue Sources		
Capital PAY GO	0	2,650,000
Total Revenues	0	2,650,000
Expenditure Types		
Engineering-Architecture	0	200,000
Land Acquisition	0	200,000
Furniture, Fixture, & Equipment	0	250,000
Contract Construction	0	2,000,000
Total Expenditures	0	2,650,000

Project Detail - 5 Year Summary

	Carry Forward	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total
Revenue Sources							
Capital PAY GO	0	2,650,000	2,000,000	200,000	200,000	200,000	5,250,000
Total Revenues	0	2,650,000	2,000,000	200,000	200,000	200,000	5,250,000
Expenditure Types							
Engineering-Architecture	0	200,000	200,000	200,000	200,000	200,000	1,000,000
Land Acquisition	0	200,000	100,000	0	0	0	300,000
Furniture, Fixture, & Equipment	0	250,000	200,000	0	0	0	450,000
Contract Construction	0	2,000,000	1,500,000	0	0	0	3,500,000
Total Expenditures	0	2,650,000	2,000,000	200,000	200,000	200,000	5,250,000



Project Name FY19 Rehab Exist Sewer Cover

Project Number SW19200

Reference Number 2

Project Description / Justification:

This project provides funding for the repair, rehabilitation or replacement of portions of the existing sewer collection and treatment system as needed. FY2019 will be funded by Capital Pay Go-Sewer.

Operating Budget Impact:

None.

Project Detail - Current Year

	<u>Carry Forward</u>	<u>FY 2019</u>
Revenue Sources		
Capital PAY GO	0	29,750,000
Total Revenues	0	29,750,000
Expenditure Types		
Engineering-Architecture	0	1,000,000
Land Acquisition	0	750,000
Contract Construction	0	28,000,000
Total Expenditures	0	29,750,000

Project Detail - 5 Year Summary

	<u>Carry Forward</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>FY 2022</u>	<u>FY 2023</u>	<u>Total</u>
Revenue Sources							
Capital PAY GO	0	29,750,000	9,750,000	9,750,000	9,500,000	9,500,000	68,250,000
Total Revenues	0	29,750,000	9,750,000	9,750,000	9,500,000	9,500,000	68,250,000
Expenditure Types							
Engineering-Architecture	0	1,000,000	500,000	500,000	500,000	500,000	3,000,000
Land Acquisition	0	750,000	250,000	250,000	0	0	1,250,000
Contract Construction	0	28,000,000	9,000,000	9,000,000	9,000,000	9,000,000	64,000,000
Total Expenditures	0	29,750,000	9,750,000	9,750,000	9,500,000	9,500,000	68,250,000



CIP 2019 DETAIL BY PROJECT

SEWER FUND

Project Name FY19 Svc Unsewered Area Coverline
Project Number SW19300
Reference Number 3

Project Description / Justification:

This project provides funding for extending sewer service to areas of the City which do not presently have sewers. The City pays the total cost of the projects. FY2019 will be funded by Capital Pay Go-Sewer.

Operating Budget Impact:

None.

Project Detail - Current Year

	Carry Forward	FY 2019
Revenue Sources		
Capital PAY GO	0	1,850,000
Total Revenues	0	1,850,000
Expenditure Types		
Engineering-Architecture	0	200,000
Land Acquisition	0	150,000
Contract Construction	0	1,500,000
Total Expenditures	0	1,850,000

Project Detail - 5 Year Summary

	Carry Forward	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total
Revenue Sources							
Capital PAY GO	0	1,850,000	0	0	0	0	1,850,000
Total Revenues	0	1,850,000	0	0	0	0	1,850,000
Expenditure Types							
Engineering-Architecture	0	200,000	0	0	0	0	200,000
Land Acquisition	0	150,000	0	0	0	0	150,000
Contract Construction	0	1,500,000	0	0	0	0	1,500,000
Total Expenditures	0	1,850,000	0	0	0	0	1,850,000



CIP 2019 DETAIL BY PROJECT

SEWER FUND

Project Name Sewer Assessment and Rehab
Project Number SW05001
Reference Number 4

Project Description / Justification:

This project will fund a service area wide sanitary sewer condition assessment and rehabilitation program in response to State/Federal mandates. Funding will be from Tennessee State Revolving Loan Fund and Capital Pay Go- Sewer. Any carry forward dollars to be used for FY19 will be funded by Tennessee State Revolving Loan Fund and Capital Pay Go- Sewer.

Operating Budget Impact:

None

Project Detail - Current Year

	Carry Forward	FY 2019
Revenue Sources		
Capital PAY GO	76,958,409	15,000,000
Total Revenues	76,958,409	15,000,000
Expenditure Types		
Engineering - Architecture	70,958,409	15,000,000
Construction	6,000,000	0
Total Expenditures	76,958,409	15,000,000

Project Detail - 5 Year Summary

	Carry Forward	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total
Revenue Sources							
Capital PAY GO	76,958,409	15,000,000	15,000,000	20,000,000	25,000,000	25,000,000	176,958,409
Total Revenues	76,958,409	15,000,000	15,000,000	20,000,000	25,000,000	25,000,000	176,958,409
Expenditure Types							
Engineering - Architecture	70,958,409	15,000,000	15,000,000	20,000,000	25,000,000	25,000,000	170,958,409
Construction	6,000,000	0	0	0	0	0	6,000,000
Total Expenditures	76,958,409	15,000,000	15,000,000	20,000,000	25,000,000	25,000,000	176,958,409



CIP 2019 DETAIL BY PROJECT

SEWER FUND

Project Name Environmental Maint Relocation
Project Number SW04007
Reference Number 5

Project Description / Justification:

This project carries forward the FY2018 allocation of funds to relocate the Environmental Maintenance service center and its ancillary operations. Any carry forward dollars to be used for FY19 will be funded by Capital Pay GO- Sewer.

Operating Budget Impact:

None

Project Detail - Current Year

	Carry Forward	FY 2019
Revenue Sources		
Capital PAY GO	10,239,811	450,000
Total Revenues	10,239,811	450,000
Expenditure Types		
Engineering - Architecture	800,000	0
Land Acquisition	839,811	0
Furniture, Fixture & Equipment	600,000	0
Information Technology	0	450,000
Construction	8,000,000	0
Total Expenditures	10,239,811	450,000

Project Detail - 5 Year Summary

	Carry Forward	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total
Revenue Sources							
Capital PAY GO	10,239,811	450,000	0	0	0	0	10,689,811
Total Revenues	10,239,811	450,000	0	0	0	0	10,689,811
Expenditure Types							
Engineering - Architecture	800,000	0	0	0	0	0	800,000
Land Acquisition	839,811	0	0	0	0	0	839,811
Furniture, Fixture & Equipment	600,000	0	0	0	0	0	600,000
Information Technology	0	450,000	0	0	0	0	450,000
Construction	8,000,000	0	0	0	0	0	8,000,000
Total Expenditures	10,239,811	450,000	0	0	0	0	10,689,811



CIP 2019 DETAIL BY PROJECT

SEWER FUND

Project Name South Plant Expansion

Project Number SW02033

Reference Number 6

Project Description / Justification:

This project provides funding for the construction of additional primary clarifiers, blowers, ABF Towers, and additional ancillary structures/facilities as needed to meet Federal and State requirements.

Operating Budget Impact:

None

	Carry Forward	FY 2019
Revenue Sources		
Capital PAY GO	117,493,300	24,050,000
Sewer Revenue Bonds	16,819,962	0
Total Revenues	134,313,262	24,050,000

Expenditure Types		
Engineering - Architecture	131,108,500	20,000,000
Land Acquisition	0	0
Furniture, Fixture & Equipment	0	600,000
Information Technology	0	450,000
Construction	3,204,762	3,000,000
Total Expenditures	134,313,262	24,050,000

Project Detail - 5 Year Summary

	Carry Forward	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total
Revenue Sources							
Capital PAY GO	117,493,300	24,050,000	20,000,000	10,000,000	0	0	171,543,300
Sewer Revenue Bonds	16,819,962	0	0	0	0	0	16,819,962
Total Revenues	134,313,262	24,050,000	20,000,000	10,000,000	0	0	188,363,262
Expenditure Types							
Engineering - Architecture	131,108,500	20,000,000	20,000,000	10,000,000	0	0	181,108,500
Furniture, Fixture & Equipment	0	600,000	0	0	0	0	600,000
Information Technology	0	450,000	0	0	0	0	450,000
Construction	3,204,762	3,000,000	0	0	0	0	6,204,762
Total Expenditures	134,313,262	24,050,000	20,000,000	10,000,000	0	0	188,363,262



CIP 2019 DETAIL BY PROJECT

SEWER FUND

Project Name Sludge Disp/Earth Complex
Project Number SW02006
Reference Number 7

Project Description / Justification:

This project will provide funds for the sludge disposal equipment and support facilities to prepare sludge for disposal at the Earth Complex and/or the Maxson Waste Water Treatment Plant.

Operating Budget Impact:

None

	Carry Forward	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total
Revenue Sources							
Capital PAY GO	200,000	0	500,000	500,000	500,000	0	1,700,000
Sewer Revenue Bonds	5,942,074	0	0	0	0	0	5,942,074
Local Other Grant Revenue	908,192	0	0	0	0	0	908,192
Total Revenues	7,050,266	0	500,000	500,000	500,000	0	8,550,266
Expenditure Types							
Engineering - Architecture	1,297,167	0	0	0	0	0	1,297,167
Construction	5,753,099	0	500,000	500,000	500,000	0	7,253,099
Total Expenditures	7,050,266	0	500,000	500,000	500,000	0	8,550,266



CIP 2019 DETAIL BY PROJECT

SEWER FUND

Project Name Stiles Plant Modification
Project Number SW04009
Reference Number 8

Project Description / Justification:

This project will provide funds for the construction of additional treatment facilities, modifications of existing treatment facilities, and ancillary structures/facilities as needed to meet Federal/State requirement.

Operating Budget Impact:
 None

	Carry Forward	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total
Revenue Sources							
Capital PAY GO	5,996,988	0	0	0	0	0	5,996,988
Sewer Revenue Bonds	6,835,550	0	0	0	0	0	6,835,550
Total Revenues	12,832,538	0	0	0	0	0	12,832,538
Expenditure Types							
Engineering - Architecture	3,400,000	0	0	0	0	0	3,400,000
Construction	9,432,538	0	0	0	0	0	9,432,538
Total Expenditures	12,832,538	0	0	0	0	0	12,832,538



CIP 2019 DETAIL BY PROJECT

SEWER FUND

Project Name Covered Anaerobic Lagoon

Project Number SW02011

Reference Number 9

Project Description / Justification:

This project will provide funds for covering the remaining anaerobic sludge lagoons at wastewater treatment plants, expanding/renovating the existing dewatering/sludge handling facilities, and upgrading the maintenance facilities. These upgrades are in response to Federal/State mandates.

Operating Budget Impact:

None

Project Detail - 5 Year Summary

	Carry Forward	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total
Revenue Sources							
Capital PAY GO	20,800,000	0	0	0	0	0	20,800,000
Sewer Revenue Bonds	8,087,816	0	0	0	0	0	8,087,816
Federal Grants Other	1,000,000	0	0	0	0	0	1,000,000
Total Revenues	29,887,816	0	0	0	0	0	29,887,816
Expenditure Types							
Engineering - Architecture	2,099,530	0	0	0	0	0	2,099,530
Construction	27,788,286	0	0	0	0	0	27,788,286
Total Expenditures	29,887,816	0	0	0	0	0	29,887,816



	<u>Carry Forward</u>	<u>FY 2019</u>
Revenue Sources		
Capital PAY GO	6,788,960	5,500,000
Total Revenues	<u>6,788,960</u>	<u>5,500,000</u>
Expenditure Types		
Engineering - Architecture	638,960	2,000,000
Land Acquisition	500,000	0
Contract Construction	5,650,000	3,500,000
Total Expenditures	<u>6,788,960</u>	<u>5,500,000</u>



	Carry Forward	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total
Revenue Sources							
Capital PAY GO	6,788,960	5,500,000	6,500,000	6,500,000	6,500,000	6,500,000	38,288,960
Total Revenues	6,788,960	5,500,000	6,500,000	6,500,000	6,500,000	6,500,000	38,288,960
Expenditure Types							
Engineering - Architecture	638,960	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	10,638,960
Land Acquisition	500,000	0	0	0	0	0	500,000
Contract Construction	5,650,000	3,500,000	4,500,000	4,500,000	4,500,000	4,500,000	27,150,000
Total Expenditures	6,788,960	5,500,000	6,500,000	6,500,000	6,500,000	6,500,000	38,288,960

CIP SUMMARY BY PROJECT

STORM WATER

Reference Number	Project Number	Project Name	Carry Forward	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total
		Flood Control - ST Cover							
1	ST03207	Line	0	750,000	1,750,000	1,750,000	1,750,000	1,750,000	7,750,000
2	ST02001	Design - ST Cover Line	0	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	10,000,000
3	ST03205	Drainage - ST Cover Line	0	2,750,000	2,750,000	2,750,000	2,750,000	2,750,000	13,750,000
4	ST03021	Gayoso Bayou Culvert-ST	650,000	0	0	0	0	0	650,000
5	ST01089	Bartlett Rd/Fletcher - ST	6,138,960	0	0	0	0	0	6,138,960
Total			6,788,960	5,500,000	6,500,000	6,500,000	6,500,000	6,500,000	38,288,960



Project Name Flood Control - ST Coverline
Project Number ST03207
Reference Number 1

Project Description / Justification:

This project will provide funds for the rehabilitation of existing flood control pumping stations.

Operating Budget Impact:

None.

Project Detail - Current Year

	Carry Forward	FY 2019
Revenue Sources		
Capital PAY GO	0	750,000
Total Revenues	0	750,000
Expenditure Types		
Contract Construction	0	750,000
Total Expenditures	0	750,000

Project Detail - 5 Year Summary

	Carry Forward	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total
Revenue Sources							
Capital PAY GO	0	750,000	1,750,000	1,750,000	1,750,000	1,750,000	7,750,000
Total Revenues	0	750,000	1,750,000	1,750,000	1,750,000	1,750,000	7,750,000
Expenditure Types							
Contract Construction	0	750,000	1,750,000	1,750,000	1,750,000	1,750,000	7,750,000
Total Expenditures	0	750,000	1,750,000	1,750,000	1,750,000	1,750,000	7,750,000

Project Name Design - ST Coverline
Project Number ST02001
Reference Number 2

Project Description / Justification:

This project will provide funds to cover architecture and engineering costs for improvements to the existing drainage system, proposed new drainage projects, and the development of Drainage Master Plans throughout the City.

Operating Budget Impact:

None.

Project Detail - Current Year

	Carry Forward	FY 2019
Revenue Sources		
Capital PAY GO	0	2,000,000
Total Revenues	0	2,000,000
Expenditure Types		
Engineering - Architecture	0	2,000,000
Total Expenditures	0	2,000,000

Project Detail - 5 Year Summary

	Carry Forward	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total
Revenue Sources							
Capital PAY GO	0	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	10,000,000
Total Revenues	0	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	10,000,000
Expenditure Types							
Engineering - Architecture	0	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	10,000,000
Total Expenditures	0	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	10,000,000



Project Name Drainage - ST Coverline
Project Number ST03205
Reference Number 3

Project Description / Justification:

This project will provide funds to cover construction costs for improvements to existing drainage systems and new projects identified by the Drainage Master Plans throughout the City.

Operating Budget Impact:

None.

Project Detail - Current Year

	Carry Forward	FY 2019
Revenue Sources		
Capital PAY GO	0	2,750,000
Total Revenues	0	2,750,000
Expenditure Types		
Contract Construction	0	2,750,000
Total Expenditures	0	2,750,000

Project Detail - 5 Year Summary

	Carry Forward	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total
Revenue Sources							
Capital PAY GO	0	2,750,000	2,750,000	2,750,000	2,750,000	2,750,000	13,750,000
Total Revenues	0	2,750,000	2,750,000	2,750,000	2,750,000	2,750,000	13,750,000
Expenditure Types							
Contract Construction	0	2,750,000	2,750,000	2,750,000	2,750,000	2,750,000	13,750,000
Total Expenditures	0	2,750,000	2,750,000	2,750,000	2,750,000	2,750,000	13,750,000

Project Gayoso Bayou Culvert-ST

Project Number ST03021

Reference Number 4

Project Description / Justification:

This project will provide funds to cover construction costs for improvements to existing drainage systems at Gayoso Bayou Culvert-ST.

Operating Budget Impact:

None.

Project Detail - Current Year

	Carry Forward	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total
Revenue Sources							
Capital PAY GO	650,000	0	0	0	0	0	650,000
Total Revenues	650,000	0	0	0	0	0	650,000
Expenditure Types							
Contract Construction	650,000	0	0	0	0	0	650,000
Total Expenditures	650,000	0	0	0	0	0	650,000

CIP 2019 DETAIL BY PROJECT

STORM WATER

Project Bartlett Rd/Fletcher - ST

Project Number ST01089

Reference Number 5

Project Description / Justification:

This project will provide funds to cover construction costs for improvements to existing drainage systems at Bartlett and Fletcher Roads.

Operating Budget Impact:

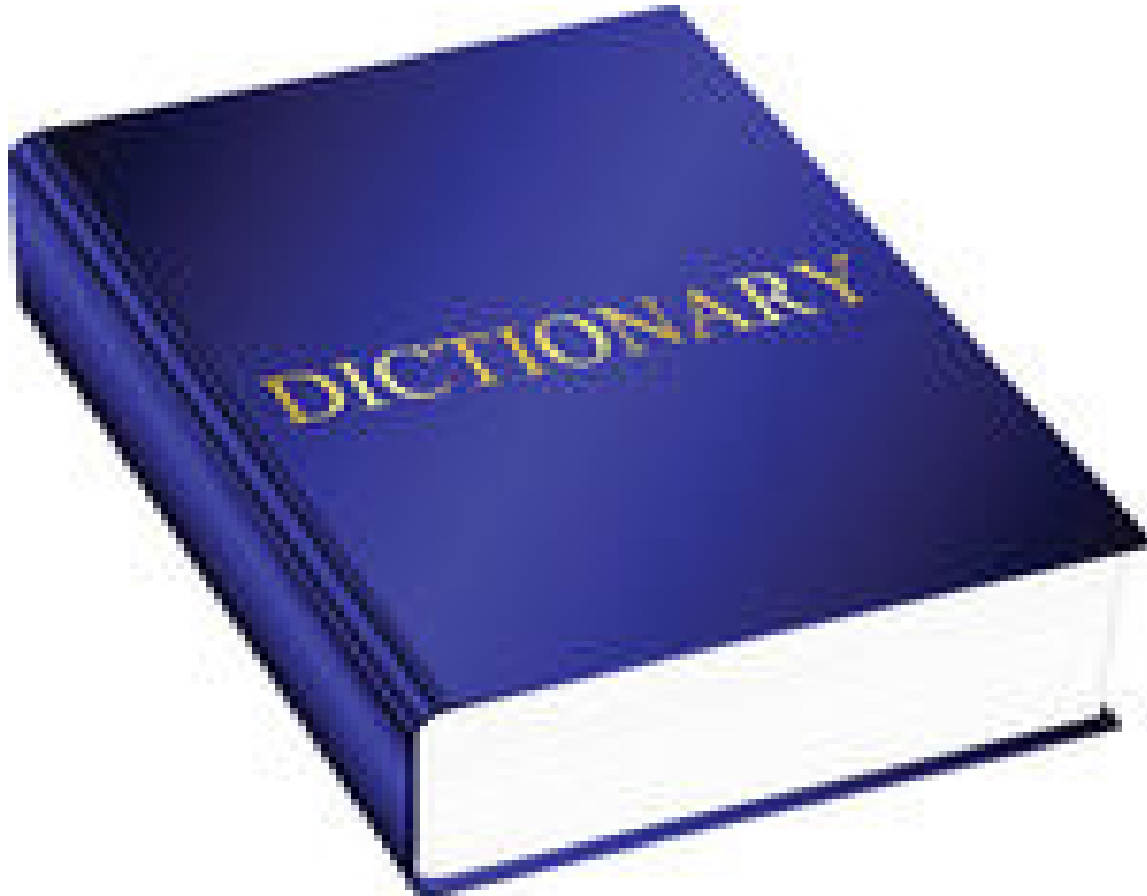
None.

Project Detail - Current Year

	Carry Forward	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total
Revenue Sources							
Capital PAY GO	6,138,960	0	0	0	0	0	6,138,960
Total Revenues	6,138,960	0	0	0	0	0	6,138,960
Expenditure Types							
Engineering - Architecture	638,960	0	0	0	0	0	638,960
Land Acquisition	500,000	0	0	0	0	0	500,000
Contract Construction	5,000,000	0	0	0	0	0	5,000,000
Total Expenditures	6,138,960	0	0	0	0	0	6,138,960



GLOSSARY



Glossary - includes terms that will help you understand the technical language often used in the capital improvement plan. Glossary terms are listed alphabetically under each alphabet letter and include a brief description and an acronym, as applicable.

CAPITAL IMPROVEMENT PLAN DOCUMENT GLOSSARY

The glossary includes terms that will help the reader to understand the technical language often used in the capital improvement plan. Glossary terms are listed alphabetically and include a brief description and an acronym, as applicable.

A

Acquisition: Acquiring land, existing buildings, or equipment and vehicles. The Public Works Division uses the following definition: Right-of-Way/Acquisitions consist of right-of-way cost for capital projects, including appraisal, survey services, and research.

Adoption: A formal action taken by the Memphis City Council which sets the spending limits for the fiscal year.

Allocation: The expenditure amount planned for a particular project or service that requires additional legislative action, or “appropriation,” before expenditures are authorized.

Americans with Disabilities Act (ADA): The ADA is a civil rights law that prohibits discrimination against individuals with disabilities in all areas of public life, including jobs, schools, transportation, and all public and private places that are open to the general public. The purpose of the law is to make sure that people with disabilities have the same rights and opportunities as everyone else.

Appropriation: A legal authorization granted by the City’s legislative authority (the City Council) to make expenditures and incur obligations for specific purposes.

Architecture/Engineering (A&E): Fees associated with the art/science and technology concerned with designing and building structures

B

Budget: A comprehensive financial plan to allocate resources in order to achieve the City’s goal. Must be submitted to Council by the third Tuesday in April and approved prior to July 1.

C

Capital Acquisition: The purchasing of assets (i.e. vehicles, equipment, inventory, and software).

Capital Fund: A capital projects fund is used in governmental accounting to track the financial resources used to acquire and/or construct a major capital asset. Once the asset has been completed it is then capitalized and added to the municipalities’ assets inventory.

Capital Improvement Project (CIP): A capital improvement project is generally a large construction project such as the development of park land, the construction of an overpass, the installation of a traffic signal, the acquisition of land or the construction or remodeling of a City building. Funds for these projects are derived largely from the issuance of bonds, water and sewer fees, Regional Transportation Commission taxes, grants and developer impact fees.

Capital Pay Go: This is the practice of financing expenditures with funds that are currently available, rather than borrowed.

Carry Forward: Unspent allocations from previous years approved CIP plan projects that was not completed. Therefore, the funds could not be appropriated within that year and need to be carried forward to current year budget.

Community Development Block Grant (CDBG): An annual grant to the City and other local governments from the U.S. Department of Housing and Urban Development to support economic development projects, housing and services in low-income neighborhoods.

Congestion Mitigation & Quality Air Improvement Program (CMQA): An amendment to the Clean Air Act. This program was implemented to support surface transportation projects and other related efforts that contribute air quality improvements and provide congestion relief.

APPENDIX

D

Demolition: The destruction and removal of some or all of an existing structure.

E

Easement: A right to use the real property of another without possessing it.

Economic Development: Investment of resources to create financial self-sufficiency and prosperity in a community, including the industrial, commercial and service sectors.

F

Fund: A fiscal and accounting entity with a self-balancing set of accounts to record revenue and expenditures. For more information about funds, refer to the User's Guide section of the Budget Document.

Furniture, Fixtures & Equipment (FF&E): Movable furniture, fixtures or other equipment that have no permanent connection to the structure of a building or utilities.

G

General Obligation (G.O.): Bond This type of bond is backed by the full faith, credit and taxing power of the government.

H

Highway Safety Improvement Program (HSIP): A plan to achieve reduction in traffic fatalities and serious injuries on all public roads.

I

Infrastructure: Facilities that support the continuance and growth of a community. Examples include roads, water lines, sewers, public buildings, and parks.

M

Master Plan: A plan prepared to specify and coordinate the provision of one or more infrastructure systems and related services.

Memphis Area Transit Authority (MATA): Public transportation provider that is managed by a seven-member policy board appointed by the Mayor and approved by the Memphis City Council.

R

Revenues: Total amounts available for appropriation including estimated revenues, fund transfers and beginning fund balance. Financial resources are received from taxes, user charges, and other levels of government.

Right-of-Way (ROW): The right given to another to pass along a specific route through grounds or property belonging to another. ROW is granted by deed or easement, for construction and maintenance according to a designated use.

S

Surface Transportation Program (STP): Competitive federal assistance program. This program extends taxes to municipalities to fund federal highway expenditures.

ACRONYMS

ADA	Americans with Disabilities Act
CAQ	Capital Acquisition
CIP	Capital Improvement Program
CMAQ	Congestion Mitigation Air Quality Program
CPG	Capital Pay Go
CWSRF	Clean Water State Revolving Fund
FRA	Federal Railroad Administration
FS	Fire Station
FY	Fiscal Year
GO	General Obligation Bonds
HSIP	Highway Safety Improvement Program
MATA	Memphis Area Transit Authority
MOU	Memorandum of Understanding
PSB	Public Safety Building
SCBA	Self-Contained Breathing Apparatus
STBG	Surface Transportation Block Grant
STP	Surface Transportation Program
TAP	Transportation Alternative Program