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# *City of Memphis*





***Jim Strickland, MAYOR***

**ADMINISTRATION**

**CHIEFS**

Collins, Brian..... Chief Financial Officer  
Madden, Ursula.....Chief Communications Officer  
McGowen, Douglas .....Chief Operating Officer  
McMullen, Bruce .....Chief Legal Officer  
Rallings, Michael..... Interim Chief of Police  
Smith, Alexandria..... Chief Human Resource Officer

**DIRECTORS**

Adams, Antonio..... Director, General Services  
Belen, Manny ..... Interim Director, Engineering  
Copeland, Richard ..... Director, Planning and Development  
Knecht, Robert ..... Director, Public Works  
McCloy, Keenon..... Director, Libraries  
Nair, Brenton ..... Chief Information Officer  
Munoz-Blanco, Maria ..... Director Parks and Neighborhoods  
Sweat, Gina ..... Director, Fire Services  
Young, Paul..... Director, Housing and Community Development

**COURTS**

Sugarmon, Tarik, Administrative Judge (Division 2)  
Hunt Dorse, Ernestine ..... City Court Judge Division 1  
Chandler, Jayne R. .... City Court Judge Division 2  
Robilio, Kay..... Clerk of the Court

**PREPARED BY**

Campbell, Richard B. .... Budget Manager  
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# CAPITAL IMPROVEMENT BUDGET OVERVIEW

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## Introduction

The Capital Improvement Program (CIP) is a five-year planning tool for urban growth and development. It outlines the schedule of public improvements and the associated costs. 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 CIP lists each proposed capital project to be undertaken, the year in which it will be started, the amount to be expended in each year, and the proposed method of financing. Over the life of the program, the plan will be reviewed and revised on an annual basis.

The CIP consists of projects that provide long-term improvements to the City and its infrastructure. An initial project is usually comprised of one of the following items: land, building, and/or equipment. These items can generally be defined as eligible on the following basis:

LAND acquisition and/or development expenditures are eligible as capital costs regardless of whether they are purchased in connection with future economic development.

BUILDING renovations, additions to existing structures or new construction costs are capital expenditures. Inclusive in these costs may be feasibility studies and architectural/engineering designs.

EQUIPMENT or machinery purchases that are essential to the initial operation of a project are included within that scope of the project's costs. The replacement of equipment that is essential to the operation of a facility can be considered a capital project provided its cost is \$5,000 or more and its useful life is greater than five years.

## Purpose

The Capital Improvement Program allows the projection of future needs and enables the City to develop a financial blueprint to accommodate the growth of its infrastructure. From this long-term planning process evolves a capital project priority system that coordinates public needs and resources with the availability of funding.

The thorough preparation required in formulating the Capital Improvement Program allows the City to forecast the impact of each project on the City's Annual Operating Budget. For example, the construction of a project may be financed through the CIP; however, the staffing and operations may be funded through the operating budget. Therefore, timing of facility construction and its subsequent operation enables the City to anticipate future expenditures and revenues.

The publication of the Capital Improvement Program supplies information to various groups interested in the future development of Memphis. The CIP outlines the City's intent for Federal and State agencies that provide grant dollars for specified projects. Private investors can preview the attractiveness of the City and its assets as related to investments in municipal securities. Developers are made aware of new projects and may plan accordingly. Finally, individual taxpayers, neighborhood groups and other civic organizations are familiarized with the City's plan for future development and the effects such changes will make in their lives.

# CAPITAL IMPROVEMENT BUDGET OVERVIEW

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## Capital Improvement Budget Overview

The Fiscal Years 2017-2021 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 program is updated annually to reflect the latest priorities, updated cost estimates and available revenue sources.

The purpose of the CIP 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 City's adopted Capital Budget is \$231.9 million in total allocations for FY 2017. Listed below are our major sources for Capital Funding.

### Long Term Debt

General Obligation Bonds, excluding G.O. for Storm Water which will be paid by the fund, are \$88.9 million or 38.33% of the total revenue for the FY 2017.

### Federal Grants / State Grants

Federal and State grants represent \$33.8 million or 14.57% of the revenue in the FY 2017 Capital Budget. The majority of these Federal funds are for 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.

### Capital-Pay-Go/CWSRF

The Sewer Fund current projects are funded by Capital-Pay-Go or Clean Water State Revolving Fund (CWSRF) loans. Projects funded by "Capital-Pay-Go" allocations represent internally generated funds. Sewer project funding is not represented in sewer bonds for the second year in a row. CWSRF loan is a line of credit which is available for the Planning, Design, and Construction Phases of wastewater facilities.

### Carry Forward Funding

Projects allocated in previous years' Capital Budgets, that have been delayed, may be reprogrammed, according to the priorities of the administration for spending in the new plan. Carry Forward funds represent \$494.5 million. These funds are the unspent allocations from the prior years' approved CIP plan that could not be allocated within the prior year because the timeframe for completion is greater than one year. Unspent allocations are shown as carry forward requests within the respective Divisions. Specific projects where unspent appropriations will carry forward into the FY 2017 CIP spending are identified in the appendix section of this document.

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 carry forward projects a reallocation of unappropriated funding. The Capital Improvement Budget is the annual allocation to the CIP that is set aside to fund major construction projects, acquire property, purchase equipment and fund ongoing capital programs for the City. The City attempts to budget annual G. O. Bonds specifically at an average of \$70.0 million per year. Specific language on how to appropriate and spend construction funds is contained in the CIP resolution.

## Capital Improvement Budget Highlights

The City's planned CIP spending aligns with current priorities that are focused on projects that enhance the City's economic development strategy, leverage federal or private funding, projects that maintain existing facilities, and projects mandated by law. The FY2017 CIP Budget for General Obligation Bond (G.O.) spending is \$88.9 million. This





## CAPITAL IMPROVEMENT BUDGET OVERVIEW

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budget increases G. O. funding for the Memphis Area Transit Authority (MATA) by \$5.0 million. The CIP budget also includes \$9.8 million to begin the investment in a radio system upgrade for Police and other City of Memphis safety divisions. In the division of Housing and Community Development the MHA Foote-Future Hope VI project is included. This project will remove the last public housing project in the City (Foote Homes). There is a continued emphasis on road paving, which is proposed for \$16.5 million in GO Bond funding, and an increased funding for technology needs.



# CAPITAL IMPROVEMENT BUDGET OVERVIEW

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## The Impact of Debt Service Cost and Operating Cost for FY 2017

The cost of capital assets manifests in the general fund (operational costs) or the debt fund (principal and interest costs). Both of these funds' budgets are established through the budget ordinance in this budget.

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 by the tax rate charged to citizens. The property tax finances the debt fund, which pays the debt service. In theory if debt increases, larger portions of property tax revenue is assigned to debt, and this reduces resources for operating costs. The City has a G.O. Bond target to essentially maintain the property tax rate apportioned to debt within a specific range. This target is established considering debt that will also be retired within the fiscal year.

This summary lists all CIP above a total cost of \$1.0 million in the CIP program for FY2017 along with their related G.O. funding amounts, and the associated impact on debt service and the operating budget. The debt service payments will average 20-30 years depending on the project. Projects not detailed are either under \$1.0m or are considered as replacement investments for fully used existing capital assets. The cost to maintain these assets are in the current funding base. Therefore, these projects are budget neutral. A full listing of all FY2017 CIP projects follows this summary.

### Division: Finance

**Project Name: Sports Authority-FedEx**

**Project Number: GA01022**

This project provides for the City's portion of capital expenditures necessary to the FedEx Forum, which houses our professional basketball team. Potential expenses include, but are not limited to, the halo repair and the pending future roof membrane replacement. Capital expenditures will be approved by the Sports Authority Board prior to submission for City funding.

G.O. Funding: \$2.0m

Debt Service Impact: \$25.0k  
Operating Budget Impact: \$ None

### Division: Fire Services

**Project Name: Fire Station Repairs**

**Project Number: FS02001**

This project provides funds for major repairs and renovations of facilities including station driveways, roofs, generators, sidewalks, landscaping, lighting and fencing. Construction covers items beyond the scope of General Services.

G.O. Funding: \$1.9m

Debt Service Impact: \$23.7k  
Operating Budget Impact: \$ None

### Division: General Services

**Project Name: CoMEM Phase II**

**Project Number: GS01032**

This project provides funds for the City of Memphis Municipal Complex, former "Walter Simmons" site, Master Plan. General Services and the Fire Services divisions will provide a Fleet Maintenance Facility, Fueling Station and Fire Apparatus section.

G.O. Funding: \$2.2m

Debt Service Impact: \$27.5k  
Operating Budget Impact: \$ Neutral



# CAPITAL IMPROVEMENT BUDGET OVERVIEW

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## 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: \$4.5m

Debt Service Impact: \$56.2k  
Operating Budget Impact: None

### Project Name: Mason Village

**Project Number: CD02011**

This project is predevelopment investments in the infrastructure and public space in support of the redevelopment of the area surrounding the historic Mason Temple and the I-55 Gateway known as COGIC Place. This project will address critical improvements to neighborhood assets and housing by replacing distressed housing and blight with nearly 80 units of new, high quality, mixed income housing.

G.O. Funding: \$2.0m

Debt Service Impact: \$25.0k  
Operating Budget Impact: None

## Division: Information Services

### Project Name: HRMS Management System Cloud

**Project Number: IS01075**

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

G.O. Funding: \$1.5m

Debt Service Impact: \$18.7k  
Operating Budget Impact: \$400,000

## Division: Memphis Area Transit Authority (MATA)

### Project Name: MATA Bus Replacement

**Project Number: GA03007**

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 is making an effort to incorporate alternative fuel and smaller 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 78 vehicles over the five-year CIP period.

G.O. Funding: \$5.0m

Debt Service Impact: \$62.5k  
Operating Budget Impact: None



# CAPITAL IMPROVEMENT BUDGET OVERVIEW

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## Division: Memphis Area Transit Authority (MATA)

**Project Name: Rail Vehicles**

**Project Number: GA03026**

MATA will purchase and renovate rail vehicles that have reached the end of their useful service life.

G.O. Funding: \$1.1m

Debt Service Impact: \$12.5k  
Operating Budget Impact: None

## Division: Parks and Neighborhoods

**Project Name: Greenway Improvements**

**Project Number: PK07012**

This project provides additional funds for Phase 4 - \$650k for Construction; Phase 5A - \$450k for Construction and Phase 5B \$50k for A/E. Funds are provided in Fiscal Years 2018 through 2022 per MOU with the Wolf River Conservancy to provide funds of \$1.5m per year for five years.

G.O. Funding: \$1.2m

Debt Service Impact: \$15.0k  
Operating Budget Impact: \$ None

## Division: Police Services

**Project Name: In-Car Video/GPS**

**Project Number: PS04022**

This project will install mobile in-car video cameras with GPS tracking devices for 125 squad police cars and body worn cameras for over 2,000 officers. This project is spread out over a seven year lease-to-own period.

G.O. Funding: \$2.7m

Debt Service Impact: \$33.7k  
Operating Budget Impact: \$ 64,700

**Project Name: Radio System Upgrade**

**Project Number: PS04025**

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.

G.O. Funding: \$9.8m

Debt Service Impact: \$122.5k  
Operating Budget Impact: \$300,000

## Division: Public Works

**Project Name: Asphalt/Paving**

**Project Number: PW01272**

This project funds the asphalt paving activities performed by the City or contracted out.

G.O. Funding: \$16.5m

Debt Service Impact: \$206.2k  
Operating Budget Impact: \$ None



# CAPITAL IMPROVEMENT BUDGET OVERVIEW

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## 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 the 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 nonpoint 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.



# CAPITAL IMPROVEMENT BUDGET OVERVIEW

Project Number	Project Name	Carry Forward Amount	FY 2017	Total FY 2017
<b>CITY ENGINEERING</b>				
EN01003	URBAN ART	838,500	350,000	1,188,500
EN01004	TRAFFIC SIGNALS	773,439	700,000	1,473,439
EN01007	TRAFFIC CALMING DEVICES	582,000	500,000	1,082,000
EN01026	MEDICAL CTR STREETScape	4,508,000	-	4,508,000
EN01035	STP BIKE ROUTES	428,659	-	428,659
EN01036	STP PEDESTRAIN ROUTES	221,182	-	221,182
EN01037	CMAQ BIKE ROUES	1,750,000	-	1,750,000
EN01049	STP ISOL TRG SIGN IMPR - 1	3,815,620	-	3,815,620
EN01050	STP ISOL TRG SIGN IMPR - 2	3,058,820	-	3,058,820
EN01051	STP ISOL TRG SIGN IMPR - 3	3,058,820	-	3,058,820
EN01055	TRANSPORATION ALTERNATIVES	123,000	550,450	673,450
EN01056	SIGN SHOP RELOCATION	500,000	-	500,000
EN01067	HSIP COVER LINE	23,078	150,000	173,078
EN01074	RAILROAD QUIET ZONE	-	200,000	200,000
<b>Total City Engineering</b>		<b>19,681,118</b>	<b>2,450,450</b>	<b>22,131,568</b>
<b>EXECUTIVE</b>				
GA01022	SPORTS AUTHORITY-FEDEX	-	2,000,000	2,000,000
<b>Total Executive</b>		<b>-</b>	<b>2,000,000</b>	<b>2,000,000</b>
<b>FIRE SERVICES</b>				
FS02001	FIRE STATION REPAIRS	61,307	1,916,135	1,977,442
FS02011	REPLACE FIRE STATION #43	214,000	-	214,000
FS02027	EMA SIRENS	155,038	79,500	234,538
FS04001	PERSONAL PROTECTIVE EQUIP.	-	1,340,772	1,340,772
<b>Total Fire Service</b>		<b>430,345</b>	<b>3,336,407</b>	<b>3,766,752</b>
<b>GENERAL SERVICES</b>				
GS01001	CITY HALL IMPROVEMENTS	-	1,500,000	1,500,000
GS01007	CITY WIDE MAJOR MAINTENANCE	-	4,650,000	4,650,000



# CAPITAL IMPROVEMENT BUDGET OVERVIEW

Project Number	Project Name	Carry Forward Amount	FY 2017	Total FY 2017
GS01032	CMEM PHASE II	-	2,200,000	2,200,000
GS01036	MAJOR MODIFICATION COVERLINE	-	1,500,000	1,500,000
GS0217A-H	CITY WIDE FLEET ACQUISITIONS	-	10,175,546	10,175,546
<b>Total General Services</b>		<b>-</b>	<b>20,025,546</b>	<b>20,025,546</b>

## HOUSING AND COMMUNITY DEVELOPMENT

CD01030	MHA-FOOTE FUTURE HOPE VI	-	35,256,000	35,256,000
CD01096	UNIVERSAL LIFE	-	3,140,244	3,140,244
CD01097	KLONDIKE/SMOKEY CITY REDEV INITIATIVES	-	300,000	300,000
CD02011	MASON VILLAGE	10,104,329	2,000,000	12,104,329
CD02012	LIBERTY BOWL STADIUM PHASE III	4,800,000	-	4,800,000
CD02013	MEMPHIS HERTIAGE TRAILS	-	1,950,000	1,950,000
<b>Total HCD</b>		<b>14,904,329</b>	<b>42,646,244</b>	<b>57,550,573</b>

## INFORMATION SERVICES

IS01075	HRMS MANAGEMENT SYSTEM CLOUD	-	1,500,000	1,500,000
IS01076	NETWORK HARDWARE UPGRADE	-	525,000	525,000
IS01077	TIME & ATTENDANCE	-	1,700,000	1,700,000
IS01078	COMMUNITY CTR NETWORK UPGRADE	-	216,667	216,667
IS01079	MFD TELE/RADIO LOG RECORDER	-	300,000	300,000
<b>Total Information Services</b>		<b>-</b>	<b>4,241,667</b>	<b>4,241,667</b>

## LIBRARY SERVICES

PK08033	RADIO TOWER MAINTENANCE	160,000	-	160,000
PK08035	WYPL RADIO & TV EQUIPMENT	190,000	-	190,000
<b>Total Library Services</b>		<b>350,000</b>	<b>-</b>	<b>350,000</b>

## MATA

GA03001	MATA-SERVICE VEHICLES	-	100,000	100,000
GA03007	MATA-BUS REPLACEMENT	-	5,000,000	5,000,000
GA03011	MATA-PARATRANSIT BUS	-	1,260,000	1,260,000



# CAPITAL IMPROVEMENT BUDGET OVERVIEW

Project Number	Project Name	Carry Forward Amount	FY 2017	Total FY 2017
GA03022	MATA-ADV PUBLIC TRANSPORTATION SYSTEM	-	5,000,000	5,000,000
GA03023	MATA-OPERATIONS/MAINT FACILITY	-	5,000,000	5,000,000
GA03024	RAIL FACILITY IMPROVEMENTS	-	1,500,000	1,500,000
GA03025	BUS FACILITY IMPROVEMENTS	-	1,500,000	1,500,000
GA03026	RAIL VEHICLES	-	5,500,000	5,500,000
<b>Total MATA</b>		<b>-</b>	<b>24,860,000</b>	<b>24,860,000</b>

## PARKS & NEIGHBORHOODS

PK07012	GREENWAY IMPROVEMENTS	-	1,150,000	1,150,000
PK07114	PARKS COVER LINE	1,860,490	2,595,000	4,455,490
PK09002	ZOO MAJOR MAINTENANCE	-	250,000	250,000
<b>Total Parks &amp; Neighborhoods</b>		<b>1,860,490</b>	<b>3,995,000</b>	<b>5,855,490</b>

## POLICE SERVICES

PD04022	IN-CAR VIDEO / GPS	-	2,659,200	2,659,200
PD04025	RADIO SYSTEM UPGRADE	-	9,800,000	9,800,000
PD04026	HELICOPTER MAINTENANCE	-	1,000,000	1,000,000
PD04027	SHOT SPOTTER TECHNOLOGY	-	650,000	650,000
<b>Total Police Services</b>		<b>-</b>	<b>14,109,200</b>	<b>14,109,200</b>

## PUBLIC WORKS

PW01023	SECOND /I-40 / CEDAR	15,344,593	-	15,344,593
PW01056	HOLMES - MILLBRANCH TO EAST	2,005,000	-	2,005,000
PW01058	WALNUT GROVE / BEND/ ROCKY POINT	5,355,000	-	5,355,000
PW01059	FOREST HILL/ IRENE /WALNUT GROVE	10,204,379	-	10,204,379
PW01064	ELVIS PRESLEY/SHELBY/WINCHESTER	35,939,087	-	35,939,087
PW01087	HOLMES RD/S 3RD/HORN LAKE	440,000	-	440,000
PW01174	KIRBY PKWY/WALNUT GR TO MACON	2,944,000	-	2,944,000
PW01179	HOLMES ROAD EAST MALONE -LAMAR	14,612,760	-	14,612,760
PW01245	STP BIKE / PED GROUP	916,120	-	916,120
PW01252	BROOKS ROAD BRIDGE REPAIR	1,447,000	-	1,447,000





# CAPITAL IMPROVEMENT BUDGET OVERVIEW

Project Number	Project Name	Carry Forward Amount	FY 2017	Total FY 2017
PW01253	SAM COOPER BRIDGE REPAIR	332,000	2,919,000	3,251,000
PW01254	STP GROUP 5 RESURFACING	8,106,500	-	8,106,500
PW01256	OVERTON PARK - COOPER ST TRAIL	31,200	-	31,200
PW01257	SHELBY FARMS GREENLINE TRAIL	369,500	-	369,500
PW01258	ROW UTILITY USAGE STUDY	700,000	-	700,000
PW01260	SANDBROOK REALIGNMENT	500,000	-	500,000
PW01262	PATTERSON REALIGNMENT	2,081,091	-	2,081,091
PW01269	VOLLINTINE EVERGREEN COMMUNITY ASSOC PAVING	210,000	-	210,000
PW02034	STP BRIDGE REPAIR @ VARIOUS LOCATIONS	994,040	-	994,040
PW04094	WALKER AVE STREETSCAPE	34,641	-	34,641
PW04097	BLIGHT CROSSTOWN	1,000,000	-	1,000,000
PW04102	RIVERDALE RELOCATION	114,215	-	114,215
PW04103	WALKER AVE STREETSCAPE PHASE 2	525,075	-	525,075
PW04114	SOUTHBROOK MALL INFRASTRUCTURE	-	1,500,000	1,500,000
PW04115	TRASH RECEPTABLES	-	105,000	105,000
PW17100	FY17 ASPHALT PAVING COVER LINE	-	16,500,000	16,500,000
PW17200	FY17 ADA CURB RAMP COVER LINE	-	2,500,000	2,500,000
PW17300	FY17 STP REPAVING COVER LINE	-	500,000	500,000
PW17400	FY17 STP BIKE/PED COVER LINE	-	62,500	62,500
PW17500	FY17 SIDEWALK REPLACEMENT COVER LINE	-	500,000	500,000
<b>Total Public Works</b>		<b>104,206,201</b>	<b>24,586,500</b>	<b>128,792,701</b>

## RIVERFRONT DEVELOPMENT CORPORATION

GA01018	RAILROAD CROSSING / ADA IMPROV	-	700,000	700,000
<b>Total Riverfront Development Corporation</b>		<b>-</b>	<b>700,000</b>	<b>700,000</b>

## SEWER FUND

SW02006	SLUDGE DISP/EARTH COMPLEX	7,050,266	-	7,050,266
SW02011	COVERED ANAEROBIC LAGOON	40,687,816	2,200,000	42,887,816
SW02033	SOUTH PLANT EXPANSION	92,313,262	30,000,000	122,313,262



# CAPITAL IMPROVEMENT BUDGET OVERVIEW

Project Number	Project Name	Carry Forward Amount	FY 2017	Total FY 2017
SW04004	WOLF RIVER INTERCEPTOR	25,278,344	1,000,000	26,278,344
SW04007	ENVIRONMENTAL MAINT RELOCATION	8,339,811	1,900,000	10,239,811
SW04009	STILES PLANT MODIFICATION	19,751,230	-	19,751,230
SW05001	SEWER ASSESSMENT AND REHAB	46,958,409	15,000,000	61,958,409
SW17100	FY17 MISC SUB OUTFALLS COVERLINE	-	4,300,000	4,300,000
SW17200	FY17 REHAB EXISTING SEWER COVER LINE	-	33,000,000	33,000,000
SW17300	FY17 SVC UNSEWERED COVER LINE	-	1,600,000	1,600,000
<b>Total Sewer Fund</b>		<b>240,379,138</b>	<b>89,000,000</b>	<b>329,379,138</b>
<b>STORM WATER FUND</b>				
ST01089	BARTLETT RD / FLETCHER ST	6,138,960	-	6,138,960
ST03084	WATKINS STORM WATER	852,295	-	852,295
ST03111	AIRWAYS OVER NONCONNAH	8,810,027	-	8,810,027
ST04038	STORMWATER POLLUTION - ST	12,100,000	-	12,100,000
ST04041	ENVIRONMENTAL PERMITTING - ST	1,991,987	-	1,991,987
ST17100	FY17 DRAINAGE ST COVER LINE	37,703,435	-	37,703,435
ST17200	FY17 SUB DRAIN ST COVER LINE	1,000,000	-	1,000,000
ST17300	FY17 FLOOD CONTROL COVER LINE	6,366,969	-	6,366,969
ST17400	FY17 BRIDGE REPAIR COVER LINE	4,189,049	-	4,189,049
ST17500	FY17 MAJOR DRAIN REHAB COVER LINE	27,832,577	-	27,832,577
ST17600	FY17 CURB & GUTTER COVER LINE	5,751,838	-	5,751,838
<b>Total Storm Water Fund</b>		<b>112,737,137</b>	<b>-</b>	<b>112,737,137</b>
<b>GRAND TOTAL FY 2017</b>		<b>494,548,758</b>	<b>231,951,014</b>	<b>726,499,772</b>



# CIP RESOLUTION

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## RESOLUTION

**WHEREAS**, the Mayor submitted to the Council of the City of Memphis on April 19<sup>th</sup> 2017 a recommended Capital Acquisition Budget and a Capital Improvement Program for fiscal years 2017 through 2021; and

**WHEREAS**, said Capital Acquisition Budget projects are needed for the acquisition of vehicles and equipment and the Capital Improvement Program projects are needed to construct public improvements, on a priority basis, 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 has 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 will be appropriated on July 1, 2016; and

**WHEREAS**, it is the intent of the Council that funds for construction will require subsequent approval by Council; and

**WHEREAS**, the Comptroller is authorized to bring forward into the 2017 fiscal year all unappropriated allocations for uncompleted projects, or projects that have not begun and are necessary to be placed into the FY2017 Capital Budget as carry forward dollars; and

**WHEREAS**, it is the goal 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 for carry forward in the fiscal year 2017 Capital

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# CIP RESOLUTION

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Improvement Budget and projects that are either completed or deleted shall be unallocated and removed from the Capital Improvement Plan; and

**NOW, THEREFORE, BE IT RESOLVED**, by the City Council of Memphis that the fiscal years 2017-2021 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 FY2017 Approved CIP Summary Listing attached hereto, and is made a part of this resolution.

**BE IT FURTHER RESOLVED**, that the fiscal year 2017 allocations in the Capital Improvement Program be and are hereby adopted as the fiscal year 2017 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 for FY2017 and all carry forward funding:

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.

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

**BE IT FURTHER RESOLVED**, that upon the completion or deletion of any authorized



## CIP RESOLUTION

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project, all unencumbered balance on projects completed or deleted in FY2017 will be unallocated and removed from the Capital Improvement Plan.

**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 carry forward in the fiscal year 2017 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 2017 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 been funded or partially funded by the City of Memphis cannot be demolished, sold, given to, or leased to any non-municipal entity without authorization of the City Council. Also, no assets may be received by the City without authorization of the City Council. The authorization does not apply to routine short-term rental.

**BE IT FURTHER RESOLVED**, that there be and is hereby appropriated \$10,175,546 for the acquisition of vehicles and equipment as set forth in the fiscal year 2017 allocation of the Capital Acquisition Budget.

**BE IT FURTHER RESOLVED**, that the Comptroller be and is hereby authorized to



# CIP RESOLUTION

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carried forward into the fiscal year 2017 Capital Construction Budget all appropriations and only those allocations that have been carried from the fiscal year 2016 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 07 2016

Valerie C. Snydes  
Deputy Comptroller-Council Records



# CIP RESOLUTION

## FY 2017 - FINAL ADOPTED

### Capital Improvement Projects (Recommendations and Recurring Projects)

Division	Project Number	Project Name	Funding/Allocation
Engineering	EN01004	Traffic Signals	\$700,000
	EN01067	HISP	\$150,000
	EN01055	Transportation Alternatives (TAP)	\$300,000
	EN01074	Quietzone	\$200,000
	EN01003	Urban Art	\$350,000
	EN01007	Traffic Calming Devices	\$500,000
			<b>\$2,200,000</b>
Executive	GA01022	Sports Authority-FedEx	\$2,000,000
			<b>\$2,000,000</b>
Fire	FS02027	EMA Sirens	\$79,500
	FS02001	Fire Station Repair	\$1,916,135
	FS04001	Personal Protective Equip	\$1,340,772
			<b>\$3,336,407</b>
General Service	GS01007	Major Mod (Property Maint)	\$4,650,000
	GS01036	Major Mod (Coverline)	\$1,500,000
	GS01001	Major Mod (City Hall)	\$1,500,000
	GS0217A-H	City Wide Fleet Acquisitions	\$10,175,546
	GS01032	Fleet Maint Facility/Fueling	\$2,200,000
			<b>\$20,025,546</b>
HCD	CD01096	Universal Life	\$300,000
	CD02013	Memphis Heritage Trail	\$200,000
	CD01030	South City CNI (Foote Homes)	\$4,500,000
	CD01097	Klondike/Smokey City	\$300,000
	CD02011	Mason Village (COGIC Place)	\$2,000,000
			<b>\$7,300,000</b>
Information Sys	IS01079	MFD Tele/Radio Recorder	\$300,000
	IS01075	HR Mgmt Sys Cloud	\$1,500,000
	IS01076	Network Hardware Upgrade	\$525,000
	IS01078	Comm. Ctr Network Upgrade	\$216,667
	IS01077	Time & Attendance System	\$1,700,000
			<b>\$4,241,667</b>



# CIP RESOLUTION

Division	Project Number	Project Name	Funding/Allocation
MATA	GA03024	Rail Facility Improvements	\$150,000
	GA03005	Bus Facility Improvements	\$150,000
	GA03023	Operations/Maint Facility	\$1,000,000
	GA03011	Paratransit Vehicles	\$126,000
	GA03007	Fixed Route Bus	\$5,000,000
	GA03001	Service Vehicles	\$10,000
	GA03026	Rail Vehicles	\$1,100,000
	GA03022	Advanced Public Trans Sys	\$1,000,000
			<b>\$8,536,000</b>
Parks	PK09002	Zoo Major Maintenance	\$250,000
	PK07114	Parks Cover Line	\$2,595,000
	PK07012	Greenway Improvements	\$1,150,000
			<b>\$3,995,000</b>
Police	PD04026	Helicopter Capital Rehab	\$1,000,000
	PD04025	Radio System Upgrade	\$9,800,000
	PD04027	Shot Spotter Gunfire Recognition System	\$650,000
	PD04022	In-Car Video / GPS	\$2,659,200
			<b>\$14,109,200</b>
Public Works	PW17500	Sidewalk Replace Various	\$500,000
	PW17200	ADA Curb Ramps	\$2,500,000
	PW17100	Asphalt / Paving	\$16,500,000
	PW17300	STP Repaving	\$500,000
	PW04115	Memphis City Beautiful Trash Receptables	\$105,000
	PW04114	Southbrook Mall Infrastructure	\$1,500,000
	PW17400	STP Bike/Ped	\$62,500
	PW01253	Sam Cooper Bridge Repair	\$760,000
			<b>\$22,427,500</b>
Riverfront Dev	GA01018	Railroad Crossing/ADA Improv	\$700,000
			<b>\$700,000</b>
<b>TOTAL FY2017 CIP ADOPTED GO BOND TOTAL</b>			<b>\$88,871,320</b>





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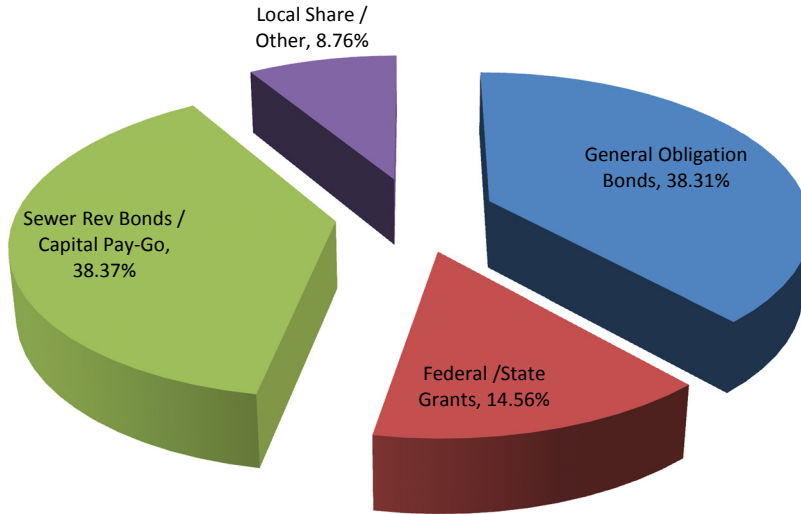
# CIP SUMMARY

# CITY WIDE

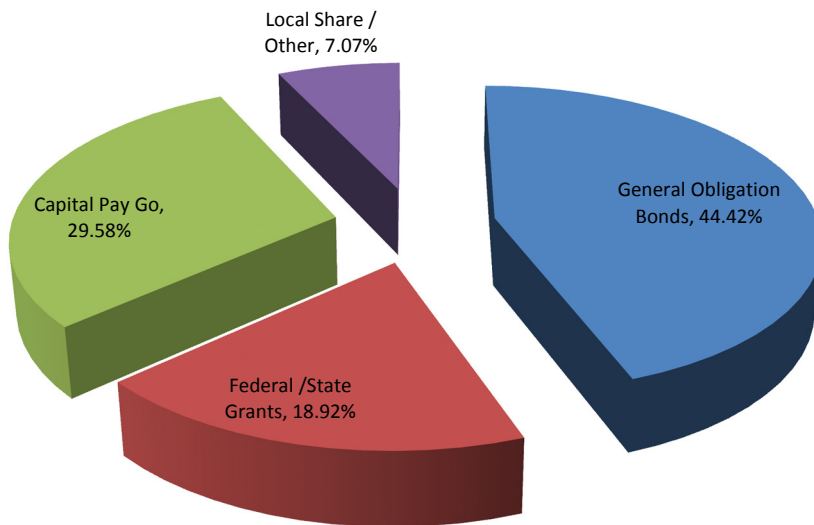
	Carry Forward	FY2017	FY2018	FY2019	FY2020	FY2021	Total
<b>Revenue</b>							
General Obligation Bonds	32,090,967	88,871,320	155,528,447	168,818,688	99,242,435	85,657,711	630,209,568
Storm Water G.O. Bonds	112,737,137	0	600,000	1,300,000	1,300,000	1,200,000	117,137,137
Federal Grants CIP	91,620,417	32,283,681	49,206,242	38,712,050	37,168,126	56,876,250	305,866,766
Other Grants Revenues	8,104,329	20,310,013	23,936,600	22,398,800	21,998,800	20,798,800	117,547,342
State Grants All	8,597,000	1,486,000	856,000	480,000	502,000	556,000	12,477,000
Local CIP	1,019,770	0	400,000	0	0	0	1,419,770
Capital Pay Go	240,379,138	89,000,000	37,980,000	44,680,000	44,830,000	40,830,000	497,699,138
<b>Total Revenue</b>	<b>494,548,758</b>	<b>231,951,014</b>	<b>268,507,289</b>	<b>276,389,538</b>	<b>205,041,361</b>	<b>205,918,761</b>	<b>1,682,356,721</b>
<b>Expenditures</b>							
Architecture and Engineering	176,630,870	57,581,450	78,792,597	53,458,400	33,811,760	33,753,315	434,028,392
Land Acquisitions	24,285,590	4,960,000	4,282,000	782,000	6,740,000	40,000	41,089,590
Land Development	0	5,123,844	4,738,340	5,078,470	4,279,971	4,866,000	24,086,625
Contract Construction	287,517,891	110,550,035	111,177,366	142,551,161	132,895,449	142,640,450	927,332,352
Furniture Fixture Equipment	801,217	815,000	1,265,000	3,704,440	5,943,456	3,154,400	15,683,513
Other Cost	5,313,190	25,144,272	28,257,237	29,953,465	18,499,363	11,814,556	118,982,083
Information Technology	0	17,600,867	39,994,749	40,861,602	2,871,362	9,650,040	110,978,620
Capital Acquisition	0	10,175,546	0	0	0	0	10,175,546
<b>Total Expenditures</b>	<b>494,548,758</b>	<b>231,951,014</b>	<b>268,507,289</b>	<b>276,389,538</b>	<b>205,041,361</b>	<b>205,918,761</b>	<b>1,682,356,721</b>



### FY 2017 - 2021 CAPITAL IMPROVEMENT PROGRAM WHERE THE MONEY COMES FROM



**FY 2017 Budget \$231,951,014**



**FY 2017 - 2021 Programs \$1,682,356,721**  
Includes Carry Forward Allocation

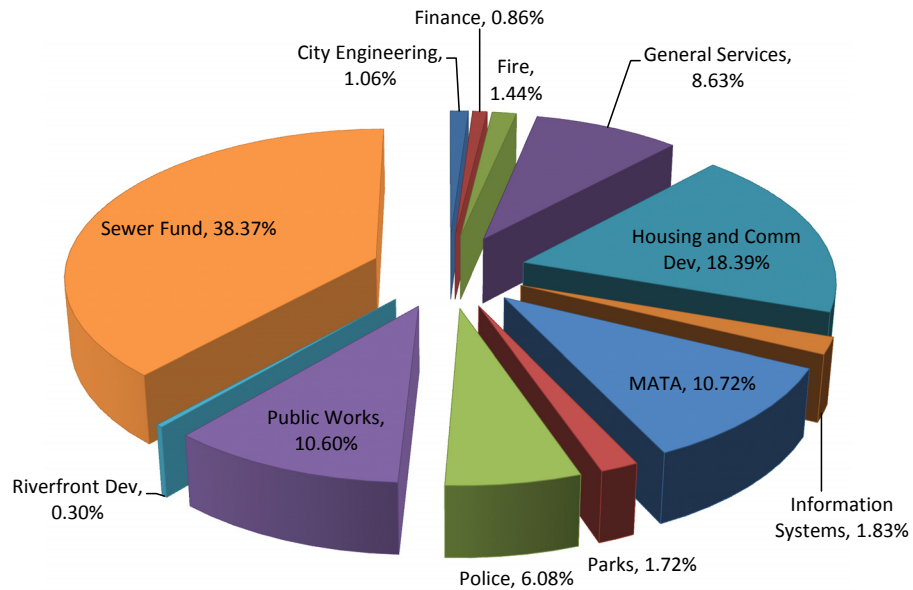
# CIP SUMMARY

# CITY WIDE

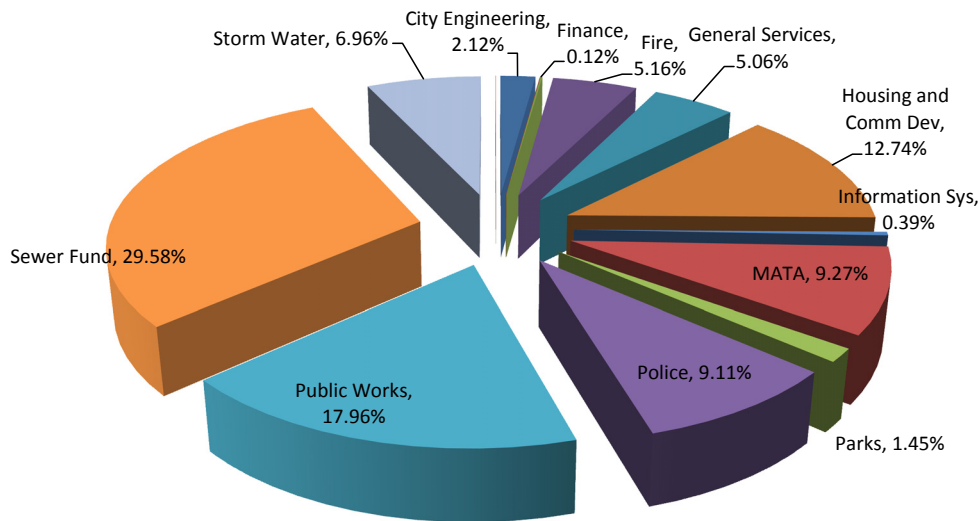
Division	Carry Forward	FY2017	FY2018	FY2019	FY2020	FY2021	Total
City Engineering	19,681,118	2,450,450	7,539,000	2,389,000	1,839,000	1,839,000	35,737,568
Finance	0	2,000,000	0	0	0	0	2,000,000
Fire	430,345	3,336,407	13,632,536	28,835,441	23,637,099	16,874,471	86,746,299
General Services	0	20,025,546	39,000,000	22,102,000	4,000,000		85,127,546
Housing and Comm Dev	14,904,329	42,646,244	39,121,180	37,755,695	38,849,075	41,087,050	214,363,573
Information Systems	0	4,241,667	1,916,667	416,666	0	0	6,575,000
Library	350,000	0	0	0	0	0	350,000
MATA	0	24,860,000	33,760,000	34,600,000	33,520,000	29,260,000	156,000,000
Parks	1,860,490	3,995,000	6,825,000	4,250,000	3,750,000	3,750,000	24,430,490
Police	0	14,109,200	39,209,082	57,472,736	24,133,842	18,357,240	153,282,100
Public Works	104,206,201	24,586,500	48,923,824	42,588,000	29,182,345	52,721,000	302,207,870
River Front Development	0	700,000	0	0	0	0	700,000
Sewer Fund	240,379,138	89,000,000	37,980,000	44,680,000	44,830,000	40,830,000	497,699,138
Storm Water	112,737,137	0	600,000	1,300,000	1,300,000	1,200,000	117,137,137
<b>Total</b>	<b>494,548,758</b>	<b>231,951,014</b>	<b>268,507,289</b>	<b>276,389,538</b>	<b>205,041,361</b>	<b>205,918,761</b>	<b>1,682,356,721</b>



## FY 2017 - 2021 CAPITAL IMPROVEMENT PROGRAM WHERE THE MONEY GOES



**FY 2017 Budget \$ 231,951,014**



**FY 2017 - 2021 Programs \$1,682,356,721**

**Includes Carry Forward Allocation**

*(Divisions under 0.09% are not shown.)*



	<b>Carry Forward</b>	<b>FY 2017</b>
<b>Revenue Sources</b>		
General Obligation Bonds	3,280,390	2,200,000
Federal Grants CIP	16,400,728	250,450
<b>Total Revenues</b>	<b>19,681,118</b>	<b>2,450,450</b>
<b>Expenditure Types</b>		
Engineering - Architecture	3,611,732	652,950
Land Acquisition	75,000	10,000
Contract Construction	15,134,669	1,022,500
Furniture, Fixtures & Equipment	21,217	415,000
Other Cost	838,500	350,000
<b>Total Expenditures</b>	<b>19,681,118</b>	<b>2,450,450</b>

	Carry Forward	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
<b>Revenue Sources</b>							
General Obligation Bonds	3,280,390	2,200,000	6,592,008	2,389,000	1,839,000	1,839,000	18,139,398
Federal Grants CIP	16,400,728	250,450	946,992	0	0	0	17,598,170
<b>Total Revenues</b>	<b>19,681,118</b>	<b>2,450,450</b>	<b>7,539,000</b>	<b>2,389,000</b>	<b>1,839,000</b>	<b>1,839,000</b>	<b>35,737,568</b>
<b>Expenditure Types</b>							
Engineering - Architecture	3,611,732	652,950	318,000	218,000	218,000	218,000	5,236,682
Land Acquisition	75,000	10,000	360,000	10,000	10,000	10,000	475,000
Contract Construction	15,134,669	1,022,500	5,811,000	1,311,000	711,000	711,000	24,701,169
Furniture, Fixtures & Equipment	21,217	415,000	650,000	450,000	450,000	450,000	2,436,217
Other Cost	838,500	350,000	400,000	400,000	450,000	450,000	2,888,500
<b>Total Expenditures</b>	<b>19,681,118</b>	<b>2,450,450</b>	<b>7,539,000</b>	<b>2,389,000</b>	<b>1,839,000</b>	<b>1,839,000</b>	<b>35,737,568</b>



# CIP SUMMARY BY PROJECT

CITY ENGINEER

Division Priority	Project Number Project Name	Carry Forward	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
1	EN01004 Traffic Signals	773,439	700,000	760,000	760,000	760,000	760,000	4,513,439
2	EN01007 Traffic Calming Devices	582,000	500,000	479,000	479,000	479,000	479,000	2,998,000
3	EN01003 Urban Art	838,500	350,000	400,000	400,000	450,000	450,000	2,888,500
4	EN01055 Transportation Alternatives	123,000	550,450	1,850,000	0	0	0	2,523,450
5	EN01067 HSIP Cover Line	23,078	150,000	150,000	150,000	150,000	150,000	773,078
6	EN01074 Railroad Quiet Zone	0	200,000	200,000	600,000	0	0	1,000,000
7	EN01037 CMAQ Bike Routes	1,750,000	0	0	0	0	0	1,750,000
8	EN01056 Sign Shop Relocation	500,000	0	3,700,000	0	0	0	4,200,000
9	EN01049 STP Isol Trf Sign-Grp 1	3,815,620	0	0	0	0	0	3,815,620
10	EN01036 STP Pedestrian Routes	221,182	0	0	0	0	0	221,182
11	EN01035 STP Bike Routes	428,659	0	0	0	0	0	428,659
12	EN01026 Medical CTR Streetscape	4,508,000	0	0	0	0	0	4,508,000
13	EN01050 STP Isol Trf Sign-Grp 2	3,058,820	0	0	0	0	0	3,058,820
14	EN01051 STP Isol Trf Sigh-Grp3	3,058,820	0	0	0	0	0	3,058,820
<b>Total</b>		<b>19,681,118</b>	<b>2,450,450</b>	<b>7,539,000</b>	<b>2,389,000</b>	<b>1,839,000</b>	<b>1,839,000</b>	<b>35,737,568</b>



**Project Name** Traffic Signals  
**Project Number** EN01004  
**Division Priority** 1

**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**

	Carry Forward	FY 2017
<b>Revenue Sources</b>		
General Obligation Bonds	773,439	700,000
<b>Total Revenues</b>	<b>773,439</b>	<b>700,000</b>
<b>Expenditure Types</b>		
Engineering - Architecture	340,222	50,000
Land Acquisition	70,000	10,000
Contract Construction	342,000	225,000
Furniture, Fixtures & Equipment	21,217	415,000
<b>Total Expenditures</b>	<b>773,439</b>	<b>700,000</b>

**Project Detail - 5 Year Summary**

	Carry Forward	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
<b>Revenue Sources</b>							
General Obligation Bonds	773,439	700,000	760,000	760,000	760,000	760,000	4,513,439
<b>Total Revenues</b>	<b>773,439</b>	<b>700,000</b>	<b>760,000</b>	<b>760,000</b>	<b>760,000</b>	<b>760,000</b>	<b>4,513,439</b>
<b>Expenditure Types</b>							
Engineering - Architecture	340,222	50,000	50,000	50,000	50,000	50,000	590,222
Land Acquisition	70,000	10,000	10,000	10,000	10,000	10,000	120,000
Contract Construction	342,000	225,000	250,000	250,000	250,000	250,000	1,567,000
Furniture, Fixtures & Equipment	21,217	415,000	450,000	450,000	450,000	450,000	2,236,217
<b>Total Expenditures</b>	<b>773,439</b>	<b>700,000</b>	<b>760,000</b>	<b>760,000</b>	<b>760,000</b>	<b>760,000</b>	<b>4,513,439</b>



**Project Name** Traffic Calming Devices

**Project Number** EN01007

**Division Priority** 2

**Project Description / Justification:**

This project is for the installation of traffic calming devices such as speed humps, traffic circles and rumble strips 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 2017
<b>Revenue Sources</b>		
General Obligation Bonds	582,000	500,000
<b>Total Revenues</b>	<b>582,000</b>	<b>500,000</b>
<b>Expenditure Types</b>		
Engineering - Architecture	150,000	150,000
Contract Construction	432,000	350,000
<b>Total Expenditures</b>	<b>582,000</b>	<b>500,000</b>

**Project Detail - 5 Year Summary**

	Carry Forward	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
<b>Revenue Sources</b>							
General Obligation Bonds	582,000	500,000	479,000	479,000	479,000	479,000	2,998,000
<b>Total Revenues</b>	<b>582,000</b>	<b>500,000</b>	<b>479,000</b>	<b>479,000</b>	<b>479,000</b>	<b>479,000</b>	<b>2,998,000</b>
<b>Expenditure Types</b>							
Engineering - Architecture	150,000	150,000	168,000	168,000	168,000	168,000	972,000
Contract Construction	432,000	350,000	311,000	311,000	311,000	311,000	2,026,000
<b>Total Expenditures</b>	<b>582,000</b>	<b>500,000</b>	<b>479,000</b>	<b>479,000</b>	<b>479,000</b>	<b>479,000</b>	<b>2,998,000</b>



**Project Name** Urban Art  
**Project Number** EN01003  
**Division Priority** 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 Art 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**

	<u>Carry Forward</u>	<u>FY 2017</u>
<b>Revenue Sources</b>		
General Obligation Bonds	838,500	350,000
<b>Total Revenues</b>	<b><u>838,500</u></b>	<b><u>350,000</u></b>
<b>Expenditure Types</b>		
Other Cost	838,500	350,000
<b>Total Expenditures</b>	<b><u>838,500</u></b>	<b><u>350,000</u></b>

**Project Detail - 5 Year Summary**

	<u>Carry Forward</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>Total</u>
<b>Revenue Sources</b>							
General Obligation Bonds	838,500	350,000	400,000	400,000	450,000	450,000	2,888,500
<b>Total Revenues</b>	<b><u>838,500</u></b>	<b><u>350,000</u></b>	<b><u>400,000</u></b>	<b><u>400,000</u></b>	<b><u>450,000</u></b>	<b><u>450,000</u></b>	<b><u>2,888,500</u></b>
<b>Expenditure Types</b>							
Other Cost	838,500	350,000	400,000	400,000	450,000	450,000	2,888,500
<b>Total Expenditures</b>	<b><u>838,500</u></b>	<b><u>350,000</u></b>	<b><u>400,000</u></b>	<b><u>400,000</u></b>	<b><u>450,000</u></b>	<b><u>450,000</u></b>	<b><u>2,888,500</u></b>



**Project Name** Transportation Alternatives

**Project Number** EN01055

**Division Priority** 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. (Ball Road Sidewalks, Central Library Pedestrian Crossing, Dunbar Elementary School Safety Project, Hanley Elementary School Safety Project, Mississippi Blvd Signalized Pedestrian Crossings, Range Line Sidewalks).

**Operating Budget Impact:**

None

**Project Detail - Current Year**

	Carry Forward	FY 2017
<b>Revenue Sources</b>		
General Obligation Bonds	26,000	300,000
Federal Grants CIP	97,000	250,450
<b>Total Revenues</b>	<b>123,000</b>	<b>550,450</b>
<b>Expenditure Types</b>		
Engineering - Architecture	118,000	452,950
Land Acquisition	5,000	0
Contract Construction	0	97,500
<b>Total Expenditures</b>	<b>123,000</b>	<b>550,450</b>

**Project Detail - 5 Year Summary**

	Carry Forward	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
<b>Revenue Sources</b>							
General Obligation Bonds	26,000	300,000	903,008	0	0	0	1,229,008
Federal Grants CIP	97,000	250,450	946,992	0	0	0	1,294,442
<b>Total Revenues</b>	<b>123,000</b>	<b>550,450</b>	<b>1,850,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2,523,450</b>
<b>Expenditure Types</b>							
Engineering - Architecture	118,000	452,950	0	0	0	0	570,950
Land Acquisition	5,000	0	350,000	0	0	0	355,000
Contract Construction	0	97,500	1,500,000	0	0	0	1,597,500
<b>Total Expenditures</b>	<b>123,000</b>	<b>550,450</b>	<b>1,850,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2,523,450</b>



**Project Name** HSIP Cover Line  
**Project Number** EN01067  
**Division Priority** 5

**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". These projects often include intersection and rail crossing improvements.

**Operating Budget Impact:**

None

**Project Detail - Current Year**

	Carry Forward	FY 2017
<b>Revenue Sources</b>		
General Obligation Bonds	23,078	150,000
<b>Total Revenues</b>	<b>23,078</b>	<b>150,000</b>
<b>Expenditure Types</b>		
Contract Construction	23,078	150,000
<b>Total Expenditures</b>	<b>23,078</b>	<b>150,000</b>

**Project Detail - 5 Year Summary**

	Carry Forward	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
<b>Revenue Sources</b>							
General Obligation Bonds	23,078	150,000	150,000	150,000	150,000	150,000	773,078
<b>Total Revenues</b>	<b>23,078</b>	<b>150,000</b>	<b>150,000</b>	<b>150,000</b>	<b>150,000</b>	<b>150,000</b>	<b>773,078</b>
<b>Expenditure Types</b>							
Contract Construction	23,078	150,000	150,000	150,000	150,000	150,000	773,078
<b>Total Expenditures</b>	<b>23,078</b>	<b>150,000</b>	<b>150,000</b>	<b>150,000</b>	<b>150,000</b>	<b>150,000</b>	<b>773,078</b>



**Project Name** Railroad Quiet Zone

**Project Number** EN01074

**Division Priority** 6

**Project Description / Justification:**

The Federal Railroad Administration (FRA) allows local governments to request the establishment of a Railroad Quiet Zone within the respective jurisdiction. A Railroad Quiet Zone is a portion of a rail line where train horn noise is limited to emergency situations. In order to establish a quiet zone, the local government is required to coordinate with the railroad agency to make any required improvements at rail crossings to enhance safety and limit the potential risk to the railroad agency. This project will provide funding for the identified safety improvements required to establish (2) potential quiet zones within the City of Memphis.

**Operating Budget Impact:**

None

**Project Detail - Current Year**

	Carry Forward	FY 2017
<b>Revenue Sources</b>		
General Obligation Bonds	0	200,000
<b>Total Revenues</b>	<b>0</b>	<b>200,000</b>
<b>Expenditure Types</b>		
Contract Construction	0	200,000
<b>Total Expenditures</b>	<b>0</b>	<b>200,000</b>

**Project Detail - 5 Year Summary**

	Carry Forward	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
<b>Revenue Sources</b>							
General Obligation Bonds	0	200,000	200,000	600,000	0	0	1,000,000
<b>Total Revenues</b>	<b>0</b>	<b>200,000</b>	<b>200,000</b>	<b>600,000</b>	<b>0</b>	<b>0</b>	<b>1,000,000</b>
<b>Expenditure Types</b>							
Contract Construction	0	200,000	200,000	600,000	0	0	1,000,000
<b>Total Expenditures</b>	<b>0</b>	<b>200,000</b>	<b>200,000</b>	<b>600,000</b>	<b>0</b>	<b>0</b>	<b>1,000,000</b>

**Project Name** CMAQ BIKE ROUTES

**Project Number** EN01037

**Division Priority** 7

**Project Description / Justification:**

This project will fund the installation of approximately fifty miles of bicycle facilities along city streets. Using signage, striping, signal improvements and other approved street fixtures along existing roadways, these new facilities will enhance connectivity and form the beginning of a continuous network of facilities designed to safely accommodate bicycle transportation to and from key destinations. These projects allow residents the ability to positively impact the health, economic vitality, and social equity of their neighborhoods by providing safe, efficient, and continuous access throughout the city.

**Operating Budget Impact:** None

**Project Detail - 5 Year Summary**

	Carry Forward	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
<b>Revenue Sources</b>							
General Obligation Bonds	350,000	0	0	0	0	0	350,000
Federal Grants CIP	1,400,000	0	0	0	0	0	1,450,000
<b>Total Revenues</b>	<b>1,750,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,750,000</b>
<b>Expenditure Types</b>							
Engineering - Architecture	150,000	0	0	0	0	0	150,000
Contract Construction	1,600,000	0	0	0	0	0	1,600,000
<b>Total Expenditures</b>	<b>1,750,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,750,000</b>



**Project Name** Sign Shop Relocation  
**Project Number** EN01056  
**Division Priority** 8

**Project Description / Justification:**  
 Relocation of City Sign and Markings Shop to former Walter Simmons site.

**Operating Budget Impact:**  
 None

**Project Detail - 5 Year Summary**

	Carry Forward	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
<b>Revenue Sources</b>							
General Obligation Bonds	500,000	0	3,700,000	0	0	0	4,200,000
<b>Total Revenues</b>	<b>500,000</b>	<b>0</b>	<b>3,700,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4,200,000</b>
<b>Expenditure Types</b>							
Engineering - Architecture	500,000	0	100,000	0	0	0	600,000
Contract Construction	0	0	3,400,000	0	0	0	3,400,000
Furniture, Fixtures & Equipment	0	0	200,000	0	0	0	200,000
<b>Total Expenditures</b>	<b>500,000</b>	<b>0</b>	<b>3,700,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4,200,000</b>

**Project Name** STP Isol Trf Sign Imprv-Grp 1

**Project Number** EN01049

**Division Priority** 9

**Project Description / Justification:**

This project will upgrade and enhance traffic signals at twelve (12) intersections on Jackson Avenue. Enhancements will be accomplished through completely rebuilding all twelve traffic signals for improved visibility and target value and making modifications to existing signal phasing. Improvements will include upgrading signal indications to LED displays where necessary, installing mast arm poles, adding countdown pedestrian signals, improving vehicle detection and visibility, and modifying existing signal phasing. The twelve intersections are Jackson at Orchi, Hollywood, University, Bayliss, Warford, Evergreen, McLean, Springdale, Watkins, Ayers, Manassas, and Meagher.

**Operating Budget Impact:**

None

**Project Detail - 5 Year Summary**

	<b>Carry Forward</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>Total</b>
<b>Revenue Sources</b>							
Federal Grants CIP	3,815,620	0	0	0	0	0	3,815,620
<b>Total Revenues</b>	<b>3,815,620</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3,815,620</b>
<b>Expenditure Types</b>							
Engineering - Architecture	498,870	0	0	0	0	0	498,870
Contract Construction	3,316,750	0	0	0	0	0	3,316,750
<b>Total Expenditures</b>	<b>3,815,620</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3,815,620</b>

**Project Name** STP Pedestrian Routes  
**Project Number** EN01036  
**Division Priority** 10

**Project Description / Justification:**

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 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
<b>Revenue Sources</b>							
General Obligation Bonds	40,942	0	0	0	0	0	40,942
Federal Grants CIP	180,240	0	0	0	0	0	180,240
<b>Total Revenues</b>	<b>221,182</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>221,182</b>
<b>Expenditure Types</b>							
Engineering - Architecture	100,000	0	0	0	0	0	100,000
Contract Construction	121,182	0	0	0	0	0	121,182
<b>Total Expenditures</b>	<b>221,182</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>221,182</b>

**Project Name** STP Bike Routes  
**Project Number** EN01035  
**Division Priority** 11

**Project Description / Justification:**

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 to include bike lanes, wide outside lanes and shared lanes on the higher priority routes. Installation of bike facilities will improve opportunities for alternative transportation modes and improve the livability of Memphis.

**Operating Budget Impact:**

None

**Project Detail - 5 Year Summary**

	Carry Forward	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
<b>Revenue Sources</b>							
General Obligation Bonds	78,431	0	0	0	0	0	78,431
Federal Grants CIP	350,228	0	0	0	0	0	350,228
<b>Total Revenues</b>	<b>428,659</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>428,659</b>
<b>Expenditure Types</b>							
Engineering - Architecture	110,000	0	0	0	0	0	110,000
Contract Construction	318,659	0	0	0	0	0	318,659
<b>Total Expenditures</b>	<b>428,659</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>428,659</b>

**Project Name** Medical CTR Streetscape

**Project Number** EN01026

**Division Priority** 12

**Project Description / Justification:**

This project provides a mechanism for the City to administer a federal grant awarded to the City to provide streetscape and way finding improvements in the medical center. All expenses incurred shall be covered by the federal grant and local matching funds provided by the medical center and its tenants.

**Operating Budget Impact:**

None

**Project Detail - 5 Year Summary**

	Carry Forward	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
<b>Revenue Sources</b>							
General Obligation Bonds	68,000	0	0	0	0	0	68,000
Federal Grants CIP	4,440,000	0	0	0	0	0	4,440,000
<b>Total Revenues</b>	<b>4,508,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4,508,000</b>
<b>Expenditure Types</b>							
Engineering - Architecture	752,000	0	0	0	0	0	752,000
Contract Construction	3,756,000	0	0	0	0	0	3,756,000
<b>Total Expenditures</b>	<b>4,508,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4,508,000</b>

**Project Name** STP Isol Trf Sign Imprv-Grp 2  
**Project Number** EN01050  
**Division Priority** 13

**Project Description / Justification:**

This project will upgrade and enhance traffic signals at twelve (12) intersections. Enhancements will be accomplished through completely rebuilding all twelve traffic signals for improved visibility and target value and making modifications to existing signal phasing. Improvements will include upgrading signal indications to LED displays where necessary, installing mast arm poles, adding countdown pedestrian signals, improving vehicle detection and visibility, and modifying existing signal phasing. The twelve intersections are Park at Mt. Moriah, Goodlett, Robin Hood, Semmes, and St. Francis; Lamar at Democrat, Barksdale, and Kyle; and Danny Thomas at Frayser, Watkins, Marsh, and James.

**Operating Budget Impact:**  
 None

**Project Detail - 5 Year Summary**

	<b>Carry Forward</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>Total</b>
<b>Revenue Sources</b>							
Federal Grants CIP	3,058,820	0	0	0	0	0	3,058,820
<b>Total Revenues</b>	<b>3,058,820</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3,058,820</b>
<b>Expenditure Types</b>							
Engineering - Architecture	446,320	0	0	0	0	0	446,320
Contract Construction	2,612,500	0	0	0	0	0	2,612,500
<b>Total Expenditures</b>	<b>3,058,820</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3,058,820</b>

**Project Name** STP Isol Trf Sign Imprv-Grp 3  
**Project Number** EN01051  
**Division Priority** 14

**Project Description / Justification:**

This project will upgrade and enhance traffic signals at ten (10) intersections. Enhancements will be accomplished through completely rebuilding all ten traffic signals for improved visibility and target value and making modifications to existing signal phasing. Improvements will include upgrading signal indications to LED displays where necessary, installing mast arm poles, adding count-down pedestrian signals, improving vehicle detection and visibility, and modifying existing signal phasing. The ten intersections are McCrory at Stratford, Walker at Third, Bayliss at National, Central at Greer, Knight Arnold at Hickory Hill, Southern at Hollywood, N Parkway at Watkins, McLemore at College, Central at McLean, and Mallory at Florida.

**Operating Budget Impact:**  
 None

**Project Detail - 5 Year Summary**

	Carry Forward	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
<b>Revenue Sources</b>							
Federal Grants CIP	3,058,820	0	0	0	0	0	3,058,820
<b>Total Revenues</b>	<b>3,058,820</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3,058,820</b>
<b>Expenditure Types</b>							
Engineering - Architecture	446,320	0	0	0	0	0	446,320
Contract Construction	2,612,500	0	0	0	0	0	2,612,500
<b>Total Expenditures</b>	<b>3,058,820</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3,058,820</b>





	Carry Forward	FY 2017
<b>Revenue Sources</b>		
General Obligation Bonds	0	2,000,000
<b>Total Revenues</b>	<b>0</b>	<b>2,000,000</b>
<b>Expenditure Types</b>		
Contract Construction	0	2,000,000
<b>Total Expenditures</b>	<b>0</b>	<b>2,000,000</b>



	Carry Forward	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
<b>Revenue Sources</b>							
General Obligation Bonds	0	2,000,000	0	0	0	0	2,000,000
<b>Total Revenues</b>	<b>0</b>	<b>2,000,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2,000,000</b>
<b>Expenditure Types</b>							
Contract Construction	0	2,000,000	0	0	0	0	2,000,000
<b>Total Expenditures</b>	<b>0</b>	<b>2,000,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2,000,000</b>

# CIP SUMMARY BY PROJECT

# FINANCE

Division Priority	Project Number	Project Name	Carry Forward	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
1	GA01022	Sports Authority-FedEx	0	2,000,000	0	0	0	0	2,000,000
<b>Total</b>			<b>0</b>	<b>2,000,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2,000,000</b>



**Project Name** Sports Authority-FedEx  
**Project Number** GA01022  
**Division Priority** 1

**Project Description / Justification:**

This project provides for the City's portion of capital expenditures necessary at the FedEx Forum, which houses our professional basketball team. Potential expenses include, but are not limited to, the halo repair and the pending future roof membrane replacement. Capital expenditures will be approved by the Sports Authority Board prior to submission for City funding.

**Operating Budget Impact:**

None.

**Project Detail - Current Year**

	Carry Forward	FY 2017
<b>Revenue Sources</b>		
General Obligation Bonds	0	2,000,000
<b>Total Revenues</b>	<b>0</b>	<b>2,000,000</b>
<b>Expenditure Types</b>		
Contract Construction	0	2,000,000
<b>Total Expenditures</b>	<b>0</b>	<b>2,000,000</b>

**Project Detail - 5 Year Summary**

	Carry Forward	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
<b>Revenue Sources</b>							
General Obligation Bonds	0	2,000,000	0	0	0	0	2,000,000
<b>Total Revenues</b>	<b>0</b>	<b>2,000,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2,000,000</b>
<b>Expenditure Types</b>							
Contract Construction	0	2,000,000	0	0	0	0	2,000,000
<b>Total Expenditures</b>	<b>0</b>	<b>2,000,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2,000,000</b>

	Carry Forward	FY 2017
<b>Revenue Sources</b>		
General Obligation Bonds	430,345	3,336,407
<b>Total Revenues</b>	<b>430,345</b>	<b>3,336,407</b>
<b>Expenditure Types</b>		
Land Acquisition	214,000	0
Contract Construction	61,307	1,766,135
Furniture, Fixtures & Equipment	0	100,000
Other Cost	155,038	1,420,272
Information Technology	0	50,000
<b>Total Expenditures</b>	<b>430,345</b>	<b>3,336,407</b>

# CIP 2017 DIVISION SUMMARY

# FIRE SERVICES

	Carry Forward	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
<b>Revenue Sources</b>							
General Obligation Bonds	430,345	3,336,407	13,632,536	28,835,441	23,637,099	16,874,471	86,746,299
<b>Total Revenues</b>	<b>430,345</b>	<b>3,336,407</b>	<b>13,632,536</b>	<b>28,835,441</b>	<b>23,637,099</b>	<b>16,874,471</b>	<b>86,746,299</b>
<b>Expenditure Types</b>							
Engineering - Architecture	0	0	1,147,597	475,800	1,480,560	2,002,915	5,106,872
Land Acquisition	214,000	0	0	0	3,100,000	0	3,314,000
Land Development	0	0	0	400,000	0	0	400,000
Contract Construction	61,307	1,766,135	10,760,702	15,299,536	5,525,000	13,118,000	46,530,680
Furniture, Fixtures & Equipment	0	100,000	350,000	2,792,440	4,693,456	350,000	8,285,896
Other Cost	155,038	1,420,272	1,174,237	9,324,465	7,917,363	1,203,556	21,194,931
Information Technology	0	50,000	200,000	543,200	920,720	200,000	1,913,920
<b>Total Expenditures</b>	<b>430,345</b>	<b>3,336,407</b>	<b>13,632,536</b>	<b>28,835,441</b>	<b>23,637,099</b>	<b>16,874,471</b>	<b>86,746,299</b>



# CIP SUMMARY BY PROJECT

# FIRE SERVICES

Division Priority	Project Number Project Name	Carry Forward	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
1	FS04001 Personal Protective Equip	0	1,340,772	1,068,237	9,241,965	7,833,363	1,093,056	20,577,393
2	FS02027 EMA Sirens	155,038	79,500	106,000	82,500	84,000	110,500	617,538
3	FS02001 Fire Station Repair	61,307	1,916,135	6,254,000	4,852,300	4,987,560	4,939,440	23,010,742
4	FS02018 Fire Station #63	0	0	5,515,882	2,785,640	0	0	8,301,522
5	FS02011 Replace Fire Station #43	214,000	0	0	5,736,518	1,961,440	0	7,911,958
6	FS02020 Southwind Fire Station	0	0	688,417	5,736,518	3,102,736	0	9,527,671
7	FS02008 Relocate Fire Station #11	0	0	0	0	1,560,000	780,000	2,340,000
8	FS02013 Replace Fire Station #24	0	0	0	0	1,600,000	811,200	2,411,200
9	FS02026 Fire Station #18	0	0	0	0	1,500,000	740,275	2,240,275
FIRE PREVENTION								
10	FS02022 FACILITY	0	0	0	400,000	1,008,000	8,400,000	9,808,000
<b>Total</b>		<b>430,345</b>	<b>3,336,407</b>	<b>13,632,536</b>	<b>28,835,441</b>	<b>23,637,099</b>	<b>16,874,471</b>	<b>86,746,299</b>



**Project Name** Personal Protective Equip  
**Project Number** FS04001  
**Division Priority** 1

**Project Description / Justification:**

This project provides funds to replace turnout ensembles that have become unusable. This is the firefighter's primary protection and is governed by the National Fire Protection Association (NFPA-1971). It also updates and replaces all or part of self contained breathing apparatus (SCBA) that becomes worn and unusable and is governed by the National Fire Protection Association (NFPA-1981).

**Operating Budget Impact:**

None

**Project Detail - Current Year**

	Carry Forward	FY 2017
<b>Revenue Sources</b>		
General Obligation Bonds	0	1,340,772
<b>Total Revenues</b>	<b>0</b>	<b>1,340,772</b>
<b>Expenditure Types</b>		
Other Cost	0	1,340,772
<b>Total Expenditures</b>	<b>0</b>	<b>1,340,772</b>

**Project Detail - 5 Year Summary**

	Carry Forward	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
<b>Revenue Sources</b>							
General Obligation Bonds	0	1,340,772	1,068,237	9,241,965	7,833,363	1,093,056	20,577,393
<b>Total Revenues</b>	<b>0</b>	<b>1,340,772</b>	<b>1,068,237</b>	<b>9,241,965</b>	<b>7,833,363</b>	<b>1,093,056</b>	<b>20,577,393</b>
<b>Expenditure Types</b>							
Other Cost	0	1,340,772	1,068,237	9,241,965	7,833,363	1,093,056	20,577,393
<b>Total Expenditures</b>	<b>0</b>	<b>1,340,772</b>	<b>1,068,237</b>	<b>9,241,965</b>	<b>7,833,363</b>	<b>1,093,056</b>	<b>20,577,393</b>



Project Name EMA Sirens  
 Project Number FS02027  
 Division Priority 2

**Project Description / Justification:**

Warning sirens are utilized during inclement weather emergencies to alert citizens of potential hazardous conditions.

**Operating Budget Impact:**

None

**Project Detail - Current Year**

	Carry Forward	FY 2017
<b>Revenue Sources</b>		
General Obligation Bonds	155,038	79,500
<b>Total Revenues</b>	<b>155,038</b>	<b>79,500</b>
<b>Expenditure Types</b>		
Other Cost	155,038	79,500
<b>Total Expenditures</b>	<b>155,038</b>	<b>79,500</b>

**Project Detail - 5 Year Summary**

	Carry Forward	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
<b>Revenue Sources</b>							
General Obligation Bonds	155,038	79,500	106,000	82,500	84,000	110,500	617,538
<b>Total Revenues</b>	<b>155,038</b>	<b>79,500</b>	<b>106,000</b>	<b>82,500</b>	<b>84,000</b>	<b>110,500</b>	<b>617,538</b>
<b>Expenditure Types</b>							
Other Cost	155,038	79,500	106,000	82,500	84,000	110,500	617,538
<b>Total Expenditures</b>	<b>155,038</b>	<b>79,500</b>	<b>106,000</b>	<b>82,500</b>	<b>84,000</b>	<b>110,500</b>	<b>617,538</b>

# CIP 2017 DETAIL BY PROJECT

# FIRE SERVICES

**Project Name** Fire Station Repair

**Project Number** FS02001

**Division Priority** 3

**Project Description / Justification:**

This project provides funds for major repairs and renovations of facilities including station driveways, roofs, generators, sidewalks, landscaping, lighting and fencing. Construction covers items beyond the scope of General Services.

**Operating Budget Impact:**

None.

### Project Detail - Current Year

	Carry Forward	FY 2017
<b>Revenue Sources</b>		
General Obligation Bonds	61,307	1,916,135
<b>Total Revenues</b>	<b>61,307</b>	<b>1,916,135</b>
<b>Expenditure Types</b>		
Contract Construction	61,307	1,766,135
Furniture, Fixtures & Equipment	0	100,000
Information Technology	0	50,000
<b>Total Expenditures</b>	<b>61,307</b>	<b>1,916,135</b>

### Project Detail - 5 Year Summary

	Carry Forward	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
<b>Revenue Sources</b>							
General Obligation Bonds	61,307	1,916,135	6,254,000	4,852,300	4,987,560	4,939,440	23,010,742
<b>Total Revenues</b>	<b>61,307</b>	<b>1,916,135</b>	<b>6,254,000</b>	<b>4,852,300</b>	<b>4,987,560</b>	<b>4,939,440</b>	<b>23,010,742</b>
<b>Expenditure Types</b>							
Engineering - Architecture	0	0	459,180	475,800	472,560	451,440	1,858,980
Contract Construction	61,307	1,766,135	5,244,820	3,826,500	3,965,000	3,938,000	18,801,762
Furniture, Fixtures & Equipment	0	100,000	350,000	350,000	350,000	350,000	1,500,000
Information Technology	0	50,000	200,000	200,000	200,000	200,000	850,000
<b>Total Expenditures</b>	<b>61,307</b>	<b>1,916,135</b>	<b>6,254,000</b>	<b>4,852,300</b>	<b>4,987,560</b>	<b>4,939,440</b>	<b>23,010,742</b>



**Project Name** Fire Station #63

**Project Number** FS02018

**Division Priority** 4

**Project Description / Justification:**

This project provides funds for construction of a Fire Station for the Hwy 64 corridor. This project is needed to maintain adequate response in the event of a Fire or EMS need in the area. FY18 funds are for construction and FY19 funds are for FFE and IT.

**Operating Budget Impact:**

Additional costs will include \$1,460,000 for personnel, \$1,200,000 for Fire and EMS equipment, \$19,600 for utilities, and \$6,000 for fuel.

**Project Detail - 5 Year Summary**

	Carry Forward	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
<b>Revenue Sources</b>							
General Obligation Bonds	0	0	5,515,882	2,785,640	0	0	8,301,522
<b>Total Revenues</b>	<b>0</b>	<b>0</b>	<b>5,515,882</b>	<b>2,785,640</b>	<b>0</b>	<b>0</b>	<b>8,301,522</b>
<b>Expenditure Types</b>							
Contract Construction	0	0	5,515,882	0	0	0	5,515,882
Furniture, Fixtures & Equipment	0	0	0	2,442,440	0	0	2,442,440
Information Technology	0	0	0	343,200	0	0	343,200
<b>Total Expenditures</b>	<b>0</b>	<b>0</b>	<b>5,515,882</b>	<b>2,785,640</b>	<b>0</b>	<b>0</b>	<b>8,301,522</b>

**Project Name** Replace Fire Station #43

**Project Number** FS02011

**Division Priority** 5

**Project Description / Justification:**

Fire Station 43 was built in 1973. It was not built or designed by the City of Memphis. This is a station that was designed and built by the Whitehaven Fire Department. The building cannot be economically upgraded to accommodate ADA or Gender Separation.

**Operating Budget Impact:**

None

**Project Detail - 5 Year Summary**

	Carry Forward	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
<b>Revenue Sources</b>							
General Obligation Bonds	214,000	0	0	5,736,518	1,961,440	0	7,911,958
<b>Total Revenues</b>	<b>214,000</b>	<b>0</b>	<b>0</b>	<b>5,736,518</b>	<b>1,961,440</b>	<b>0</b>	<b>7,911,958</b>
<b>Expenditure Types</b>							
Land Acquisition	214,000	0	0	0	0	0	214,000
Contract Construction	0	0	0	5,736,518	0	0	5,736,518
Furniture, Fixtures & Equipment	0	0	0	0	1,602,640	0	1,602,640
Information Technology	0	0	0	0	358,800	0	358,800
<b>Total Expenditures</b>	<b>214,000</b>	<b>0</b>	<b>0</b>	<b>5,736,518</b>	<b>1,961,440</b>	<b>0</b>	<b>7,911,958</b>

**Project Name** Southwind Fire Station  
**Project Number** FS02020  
**Division Priority** 6

**Project Description / Justification:**

FY18 funds provide for the design. FY19 funds provide for the construction of the station. FY20 funds are for FFE and IT.

**Operating Budget Impact:**

Additional costs will include \$1,460,000 for personnel, \$800,000 for fire and EMS equipment, \$19,600 for utilities and \$6,000 for fuel.

**Project Detail - 5 Year Summary**

	Carry Forward	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
<b>Revenue Sources</b>							
General Obligation Bonds	0	0	688,417	5,736,518	3,102,736	0	9,527,671
<b>Total Revenues</b>	<b>0</b>	<b>0</b>	<b>688,417</b>	<b>5,736,518</b>	<b>3,102,736</b>	<b>0</b>	<b>9,527,671</b>
<b>Expenditure Types</b>							
Engineering - Architecture	0	0	688,417	0	0	0	688,417
Contract Construction	0	0	0	5,736,518	0	0	5,736,518
Furniture, Fixtures & Equipment	0	0	0	0	2,740,816	0	2,740,816
Information Technology	0	0	0	0	361,920	0	361,920
<b>Total Expenditures</b>	<b>0</b>	<b>0</b>	<b>688,417</b>	<b>5,736,518</b>	<b>3,102,736</b>	<b>0</b>	<b>9,527,671</b>

**Project Name** Relocate Fire Station #11

**Project Number** FS02008

**Division Priority** 7

**Project Description / Justification:**

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

**Operating Budget Impact:**

None

**Project Detail - 5 Year Summary**

	Carry Forward	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
<b>Revenue Sources</b>							
General Obligation Bonds	0	0	0	0	1,560,000	780,000	2,340,000
<b>Total Revenues</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,560,000</b>	<b>780,000</b>	<b>2,340,000</b>
<b>Expenditure Types</b>							
Contract Construction	0	0	0	0	1,560,000	780,000	2,340,000
<b>Total Expenditures</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,560,000</b>	<b>780,000</b>	<b>2,340,000</b>

**Project Name** Replace Fire Station #24

**Project Number** FS02013

**Division Priority** 8

**Project Description / Justification:**

This project provides funds to replace the existing Fire Station #24 currently located at 4472 Powell Ave. The project funds will provide for land and a new, larger station to accommodate the increasing demands for services in the area.

**Operating Budget Impact:**

A cost savings on maintenance should be realized beginning FY 2023. Additional costs for utilities are \$11,600 per year.

**Project Detail - 5 Year Summary**

	Carry Forward	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
<b>Revenue Sources</b>							
General Obligation Bonds	0	0	0	0	1,600,000	811,200	2,411,200
<b>Total Revenues</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,600,000</b>	<b>811,200</b>	<b>2,411,200</b>
<b>Expenditure Types</b>							
Engineering - Architecture	0	0	0	0	0	811,200	811,200
Land Acquisition	0	0	0	0	1,600,000	0	1,600,000
<b>Total Expenditures</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,600,000</b>	<b>811,200</b>	<b>2,411,200</b>

**Project Name** Fire Station #18

**Project Number** FS02026

**Division Priority** 9

**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. Land acquisition is scheduled for FY20.

**Operating Budget Impact:**

A cost savings on maintenance should be realized beginning in FY23. The estimated increase for utilities will be \$13,000 annually.

**Project Detail - 5 Year Summary**

	Carry Forward	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
<b>Revenue Sources</b>							
General Obligation Bonds	0	0	0	0	1,500,000	740,275	2,240,275
<b>Total Revenues</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,500,000</b>	<b>740,275</b>	<b>2,240,275</b>
<b>Expenditure Types</b>							
Engineering - Architecture	0	0	0	0	0	740,275	740,275
Land Acquisition	0	0	0	0	1,500,000	0	1,500,000
<b>Total Expenditures</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,500,000</b>	<b>740,275</b>	<b>2,240,275</b>



**Project Name** FIRE PREVENTION FACILITY

**Project Number** FS02022

**Division Priority** 10

**Project Description / Justification:**

This project provides funds for the replacement of the current Fire Prevention facility which is located at 2668 Avery Ave.

**Operating Budget Impact:**

None

**Project Detail - 5 Year Summary**

	Carry Forward	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
<b>Revenue Sources</b>							
General Obligation Bonds	0	0	0	400,000	1,008,000	8,400,000	9,808,000
<b>Total Revenues</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>400,000</b>	<b>1,008,000</b>	<b>8,400,000</b>	<b>9,808,000</b>
<b>Expenditure Types</b>							
Engineering - Architecture	0	0	0	0	1,008,000	0	1,008,000
Land Development	0	0	0	400,000	0	0	400,000
Contract Construction	0	0	0	0	0	8,400,000	8,400,000
<b>Total Expenditures</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>400,000</b>	<b>1,008,000</b>	<b>8,400,000</b>	<b>9,808,000</b>



	Carry Forward	FY 2017
<b>Revenue Sources</b>		
General Obligation Bonds	0	20,025,546
<b>Total Revenues</b>	<b>0</b>	<b>20,025,546</b>
<b>Expenditure Types</b>		
Engineering - Architecture	0	2,965,000
Contract Construction	0	6,885,000
Capital Acquisition	0	10,175,546
<b>Total Expenditures</b>	<b>0</b>	<b>20,025,546</b>

# CIP 2017 DIVISION SUMMARY

# GENERAL SERVICES

	Carry Forward	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
<b>Revenue Sources</b>							
General Obligation Bonds	0	20,025,546	39,000,000	22,102,000	4,000,000	0	85,127,546
<b>Total Revenues</b>	<b>0</b>	<b>20,025,546</b>	<b>39,000,000</b>	<b>22,102,000</b>	<b>4,000,000</b>	<b>0</b>	<b>85,127,546</b>
<b>Expenditure Types</b>							
Engineering - Architecture	0	2,965,000	35,400,000	18,502,000	400,000	0	57,267,000
Contract Construction	0	6,885,000	3,600,000	3,600,000	3,600,000	0	17,685,000
Capital Acquisition	0	10,175,546	0	0	0	0	10,175,546
<b>Total Expenditures</b>	<b>0</b>	<b>20,025,546</b>	<b>39,000,000</b>	<b>22,102,000</b>	<b>4,000,000</b>	<b>0</b>	<b>85,127,546</b>



# CIP SUMMARY BY PROJECT

# GENERAL SERVICES

Division Priority	Project Number Project Name	Carry Forward	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total	
1	GS01001 City Hall Improvements	0	1,500,000	0	0	0	0	1,500,000	
2	GS01036 Major Mod-Coverline	0	1,500,000	0	0	0	0	1,500,000	
3	Major Modif/Improv to GS01007 Property	0	4,650,000	4,000,000	4,000,000	4,000,000	0	16,650,000	
4	GS0217A Capital Acquisition	0	300,000	0	0	0	0	300,000	
5	GS0217B Capital Acquisition	0	4,930,000	0	0	0	0	4,930,000	
6	GS0217C Capital Acquisition	0	3,586,400	0	0	0	0	3,586,400	
7	GS0217D Capital Acquisition	0	710,000	0	0	0	0	710,000	
8	GS0217E Capital Acquisition	0	125,000	0	0	0	0	125,000	
9	GS0217F Capital Acquisition	0	180,000	0	0	0	0	180,000	
10	GS0217G Capital Acquisition	0	121,146	0	0	0	0	121,146	
11	GS0217H Capital Acquisition	0	223,000	0	0	0	0	223,000	
12	GS01032 CoMEM Phase II	0	2,200,000	35,000,000	18,102,000	0	0	55,302,000	
<b>Total</b>			<b>0</b>	<b>20,025,546</b>	<b>39,000,000</b>	<b>22,102,000</b>	<b>4,000,000</b>	<b>0</b>	<b>85,127,546</b>



**Project Name** City Hall Improvements  
**Project Number** GS01001  
**Division Priority** 1

**Project Description / Justification:**

This project provides funding for the continuation of a multi-year master plan for renovations within City Hall in order to increase office capacity and improve space utilization. Also to provide security enhancements, HVAC system upgrades, and parking garage renovations.

**Operating Budget Impact:**

None

**Project Detail - Current Year**

	Carry Forward	FY 2017
<b>Revenue Sources</b>		
General Obligation Bonds	0	1,500,000
<b>Total Revenues</b>	<b>0</b>	<b>1,500,000</b>
<b>Expenditure Types</b>		
Engineering - Architecture	0	150,000
Contract Construction	0	1,350,000
<b>Total Expenditures</b>	<b>0</b>	<b>1,500,000</b>

**Project Detail - 5 Year Summary**

	Carry Forward	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
<b>Revenue Sources</b>							
General Obligation Bonds	0	1,500,000	0	0	0	0	1,500,000
<b>Total Revenues</b>	<b>0</b>	<b>1,500,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,500,000</b>
<b>Expenditure Types</b>							
Engineering - Architecture	0	150,000	0	0	0	0	150,000
Contract Construction	0	1,350,000	0	0	0	0	1,350,000
<b>Total Expenditures</b>	<b>0</b>	<b>1,500,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,500,000</b>

**Project Name** Major Mod-Coverline  
**Project Number** GS01036  
**Division Priority** 2

**Project Description / Justification:**

This project provides funds for the General Services coverline to fund various projects around the City.

**Operating Budget Impact:**

None.

**Project Detail - Current Year**

	Carry Forward	FY 2017
<b>Revenue Sources</b>		
General Obligation Bonds	0	1,500,000
<b>Total Revenues</b>	<b>0</b>	<b>1,500,000</b>
<b>Expenditure Types</b>		
Engineering - Architecture	0	150,000
Contract Construction	0	1,350,000
<b>Total Expenditures</b>	<b>0</b>	<b>1,500,000</b>

**Project Detail - 5 Year Summary**

	Carry Forward	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
<b>Revenue Sources</b>							
General Obligation Bonds	0	1,500,000	0	0	0	0	1,500,000
<b>Total Revenues</b>	<b>0</b>	<b>1,500,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,500,000</b>
<b>Expenditure Types</b>							
Engineering - Architecture	0	150,000	0	0	0	0	150,000
Contract Construction	0	1,350,000	0	0	0	0	1,350,000
<b>Total Expenditures</b>	<b>0</b>	<b>1,500,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,500,000</b>

# CIP 2017 DETAIL BY PROJECT

# GENERAL SERVICES

**Project Name** Major Modif/Improv to Property

**Project Number** GS01007

**Division Priority** 3

**Project Description / Justification:**

This project provides funding for major modifications, renovations and improvements to City facilities, including security, roofing, electrical, plumbing, painting, construction and HVAC improvements.

**Operating Budget Impact:**

None

### Project Detail - Current Year

	Carry Forward	FY 2017
<b>Revenue Sources</b>		
General Obligation Bonds	0	4,650,000
<b>Total Revenues</b>	<b>0</b>	<b>4,650,000</b>
<b>Expenditure Types</b>		
Engineering - Architecture	0	465,000
Contract Construction	0	4,185,000
<b>Total Expenditures</b>	<b>0</b>	<b>4,650,000</b>

### Project Detail - 5 Year Summary

	Carry Forward	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
<b>Revenue Sources</b>							
General Obligation Bonds	0	4,650,000	4,000,000	4,000,000	4,000,000	0	16,650,000
<b>Total Revenues</b>	<b>0</b>	<b>4,650,000</b>	<b>4,000,000</b>	<b>4,000,000</b>	<b>4,000,000</b>	<b>0</b>	<b>16,650,000</b>
<b>Expenditure Types</b>							
Engineering - Architecture	0	465,000	400,000	400,000	400,000	0	1,665,000
Contract Construction	0	4,185,000	3,600,000	3,600,000	3,600,000	0	14,985,000
<b>Total Expenditures</b>	<b>0</b>	<b>4,650,000</b>	<b>4,000,000</b>	<b>4,000,000</b>	<b>4,000,000</b>	<b>0</b>	<b>16,650,000</b>





# CIP 2017 DETAIL BY PROJECT

# GENERAL SERVICES

**Project Name** Capital Acquisition

**Project Number** GS0217A

**Division Priority** 4

**Project Description / Justification:**

FY2017 Capital Acquisition - City Engineering Division

**Operating Budget Impact:**

None.

### Project Detail - Current Year

	Carry Forward	FY 2017
<b>Revenue Sources</b>		
General Obligation Bonds	0	300,000
<b>Total Revenues</b>	<b>0</b>	<b>300,000</b>
<b>Expenditure Types</b>		
Capital Acquisition - Vehicles	0	300,000
<b>Total Expenditures</b>	<b>0</b>	<b>300,000</b>

Division	Detailed Description	Units	Estimated Cost Per Unit	Total Cost - GO Bonds	Division Total
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**Engineering**

	Thermoplastic Heater Truck	1	300,000	300,000	
				<b>TOTAL:</b>	<b>300,000</b>



# CIP 2017 DETAIL BY PROJECT

# GENERAL SERVICES

**Project Name** Capital Acquisition

**Project Number** GS0217B

**Division Priority** 5

**Project Description / Justification:**

FY2017 Capital Acquisitions - Fire Division

**Operating Budget Impact:**

None.

### Project Detail - Current Year

	Carry Forward	FY 2017
<b>Revenue Sources</b>		
General Obligation Bonds	0	4,930,000
<b>Total Revenues</b>	<b>0</b>	<b>4,930,000</b>
<b>Expenditure Types</b>		
Capital Acquisition - Vehicles	0	4,930,000
<b>Total Expenditures</b>	<b>0</b>	<b>4,930,000</b>

Division	Detailed Description	Units	Estimated Cost Per Unit	Total Cost - GO Bonds	Division Total
<b>Fire</b>					
Suppression	Open cab rescue/snorkel truck	1	750,000	750,000	
Suppression	Fire Engines	4	868,750	3,475,000	
Emergency	Ambulances	3	235,000	705,000	
				<b>TOTAL</b>	<b>4,930,000</b>



# CIP 2017 DETAIL BY PROJECT

# GENERAL SERVICES

**Project Name** Capital Acquisition

**Project Number** GS0217C

**Division Priority** 6

**Project Description / Justification:**

FY2017 Capital Acquisitions - Police Division

**Operating Budget Impact:**

None.

### Project Detail - Current Year

	Carry Forward	FY 2017
<b>Revenue Sources</b>		
General Obligation Bonds	0	4,086,400
<b>Total Revenues</b>	<b>0</b>	<b>4,086,400</b>
<b>Expenditure Types</b>		
Capital Acquisition - Vehicles	0	4,086,400
<b>Total Expenditures</b>	<b>0</b>	<b>4,086,400</b>

Division	Detailed Description	Units	Estimated Cost Per Unit	Total Cost - GO Bonds	Division Total
<b>Police</b>					
Patrol	Marked Vehicles	74	32,162	2,380,000	
Command	Unmarked Command	5	27,200	136,000	
Bureaus	Unmarked Command 4 cylinder	10	21,286	212,860	
CIS	Marked Mini Vans	2	31,400	62,800	
TACT	Black Tahoes	5	37,900	189,500	
Patrol	Black Tahoes (K-9)	10	42,600	426,000	
Mounted Patrol	1 Ton Pick Up	1	37,800	37,800	
Motorcycle	Motorcycles	3	26,000	78,000	
Training	Cargo Vans	1	23,300	23,300	
Precinct Equipment	1/2 Ton Pickup	2	20,070	40,140	
				<b>TOTAL:</b>	<b>3,586,400</b>



**Project Name** Capital Acquisition

**Project Number** GS0217D

**Division Priority** 7

**Project Description / Justification:**

FY2017 Capital Acquisitions - Public Works Division

**Operating Budget Impact:**

None.

**Project Detail - Current Year**

	Carry Forward	FY 2017
<b>Revenue Sources</b>		
General Obligation Bonds	0	710,000
<b>Total Revenues</b>	<b>0</b>	<b>710,000</b>
<b>Expenditure Types</b>		
Capital Acquisition - Vehicles	0	620,000
Capital Acquisition - Equipment	0	90,000
<b>Total Expenditures</b>	<b>0</b>	<b>710,000</b>

Division	Detailed Description	Units	Estimated Cost Per Unit	Total Cost - GO Bonds	Division Total
<b>Public Works</b>					
Street Maintenance	Crew cab w/ dump bodies	3	50,000	150,000	
Street Maintenance	Tandem Dump Truck	2	130,000	260,000	
Street Maintenance	Small Trailer	2	20,000	40,000	
Street Maintenance	5 Ton Roller	1	50,000	50,000	
Code Enforcement	4 cylinder sedan	10	21,000	210,000	
				<b>TOTAL:</b>	<b>710,000</b>

**Project Name** Capital Acquisition

**Project Number** GS0217E

**Division Priority** 8

**Project Description / Justification:**  
FY2017 Capital Acquisitions - Library Division

**Operating Budget Impact:**  
None.

**Project Detail - Current Year**

	Carry Forward	FY 2017
<b>Revenue Sources</b>		
General Obligation Bonds	0	125,000
<b>Total Revenues</b>	<b>0</b>	<b>125,000</b>
<b>Expenditure Types</b>		
Capital Acquisition - Equipment	0	125,000
<b>Total Expenditures</b>	<b>0</b>	<b>125,000</b>

Division	Detailed Description	Units	Estimated Cost Per Unit	Total Cost - GO Bonds	Division Total
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**Library Services**

	Teen learning lab	1	125,000	125,000	
				<b>TOTAL:</b>	<b>125,000</b>



**Project Name** Capital Acquisition

**Project Number** GS0217F

**Division Priority** 9

**Project Description / Justification:**

FY2017 Capital Acquisitions - Executive Division

**Operating Budget Impact:**

None.

**Project Detail - Current Year**

	Carry Forward	FY 2017
<b>Revenue Sources</b>		
General Obligation Bonds	0	180,000
<b>Total Revenues</b>	<b>0</b>	<b>180,000</b>
<b>Expenditure Types</b>		
Capital Acquisition - vehicles	0	180,000
<b>Total Expenditures</b>	<b>0</b>	<b>180,000</b>

Division	Detailed Description	Units	Estimated Cost Per Unit	Total Cost - GO Bonds	Division Total
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**Animal Services**

Vans	3	60,000	180,000	
				<b>TOTAL:</b>
				<b>180,000</b>

**Project Name** Capital Acquisition

**Project Number** GS0217G

**Division Priority** 10

**Project Description / Justification:**

FY2017 Capital Acquisitions - Parks and Neighborhoods Division

**Operating Budget Impact:**

None.

**Project Detail - Current Year**

	Carry Forward	FY 2017
<b>Revenue Sources</b>		
General Obligation Bonds	0	121,146
<b>Total Revenues</b>	<b>0</b>	<b>121,146</b>
<b>Expenditure Types</b>		
Capital Acquisition - Vehicles	0	121,146
<b>Total Expenditures</b>	<b>0</b>	<b>121,146</b>

Division	Detailed Description	Units	Estimated Cost Per Unit	Total Cost - GO Bonds	Division Total
<b>Parks &amp; Neighborhoods</b>					
Pink Palace Museum	1/2 Ton Pickup	1	30,000	28,683	
Pink Palace Museum	7 passenger van	1	29,463	29,463	
Recreation	4 Cylinder Cars	3	21,000	63,000	
				<b>TOTAL:</b>	<b>121,146</b>

**Project Name** Capital Acquisition

**Project Number** GS0217H

**Division Priority** 11

**Project Description / Justification:**

FY2017 Capital Acquisitions - General Services Division (Park Operations)

**Operating Budget Impact:**

None.

**Project Detail - Current Year**

	Carry Forward	FY 2017
<b>Revenue Sources</b>		
General Obligation Bonds	0	223,000
<b>Total Revenues</b>	<b>0</b>	<b>223,000</b>
<b>Expenditure Types</b>		
Capital Acquisition - Vehicles	0	223,000
<b>Total Expenditures</b>	<b>0</b>	<b>223,000</b>

Division	Detailed Description	Units	Estimated Cost Per Unit	Total Cost - GO Bonds	Division Total
<b>General Services</b>					
Parks Maintenance	Spray Truck	1	50,000	50,000	
	Tractor With Cab	2	50,000	100,000	
	GMC Mechanic with Utility Bed	1	38,000	38,000	
	Maxi Van with bench 3	1	35,000	35,000	
				<b>TOTAL:</b>	<b>223,000</b>



Project Name CoMEM Phase II

Project Number GS01032

Division Priority 12

**Project Description / Justification:**

This project provides funds for the City of Memphis Municipal Complex, former "Walter Simmons" site, Master Plan. General Services and the Fire Services divisions will provide a Fleet Maintenance facility, Fueling Station and Fire Apparatus section.

**Operating Budget Impact:**

None.

**Project Detail - Current Year**

	Carry Forward	FY 2017
<b>Revenue Sources</b>		
General Obligation Bonds	0	2,200,000
<b>Total Revenues</b>	<b>0</b>	<b>2,200,000</b>
<b>Expenditure Types</b>		
Engineering - Architecture	0	2,200,000
<b>Total Expenditures</b>	<b>0</b>	<b>2,200,000</b>

**Project Detail - 5 Year Summary**

	Carry Forward	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
<b>Revenue Sources</b>							
General Obligation Bonds	0	2,200,000	35,000,000	18,102,000	0	0	55,302,000
<b>Total Revenues</b>	<b>0</b>	<b>2,200,000</b>	<b>35,000,000</b>	<b>18,102,000</b>	<b>0</b>	<b>0</b>	<b>55,302,000</b>
<b>Expenditure Types</b>							
Engineering - Architecture	0	2,200,000	35,000,000	18,102,000	0	0	55,302,000
<b>Total Expenditures</b>	<b>0</b>	<b>2,200,000</b>	<b>35,000,000</b>	<b>18,102,000</b>	<b>0</b>	<b>0</b>	<b>55,302,000</b>



	Carry Forward	FY 2017
<b>Revenue Sources</b>		
General Obligation Bonds	6,800,000	7,300,000
Federal Grants CIP	0	13,986,231
Other Grant Revenue	8,104,329	20,310,013
Local Other CIP	0	300,000
State Grants All	0	750,000
<b>Total Revenues</b>	<b>14,904,329</b>	<b>42,646,244</b>
<b>Expenditure Types</b>		
Engineering - Architecture	1,034,000	1,500,000
Land Development	0	4,623,844
Contract Construction	10,550,677	34,113,400
Other Cost	3,319,652	2,409,000
<b>Total Expenditures</b>	<b>14,904,329</b>	<b>42,646,244</b>

# CIP 2017 DIVISION SUMMARY

# HOUSING AND COMMUNITY DEVELOPMENT

	Carry Forward	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
<b>Revenue Sources</b>							
General Obligation Bonds	6,800,000	7,300,000	10,485,330	9,154,645	13,660,025	11,900,000	59,300,000
Federal Grants CIP	0	13,986,231	4,349,250	6,202,250	3,190,250	8,388,250	36,116,231
Local Other CIP	0	300,000	0	0	0	0	300,000
State Grants All	0	750,000	350,000	0	0	0	1,100,000
Other Grant Revenue	8,104,329	20,310,013	23,936,600	22,398,800	21,998,800	20,798,800	117,547,342
<b>Total Revenues</b>	<b>14,904,329</b>	<b>42,646,244</b>	<b>39,121,180</b>	<b>37,755,695</b>	<b>38,849,075</b>	<b>41,087,050</b>	<b>214,363,573</b>
<b>Expenditure Types</b>							
Engineering - Architecture	1,034,000	1,500,000	1,400,000	1,100,000	2,200,000	2,100,000	9,334,000
Land Development	0	4,623,844	4,738,340	4,678,470	4,279,971	4,866,000	23,186,625
Contract Construction	10,550,677	34,113,400	30,059,840	29,364,225	30,757,104	33,220,050	168,065,296
Other Cost	3,319,652	2,409,000	2,923,000	2,613,000	1,612,000	901,000	13,777,652
<b>Total Expenditures</b>	<b>14,904,329</b>	<b>42,646,244</b>	<b>39,121,180</b>	<b>37,755,695</b>	<b>38,849,075</b>	<b>41,087,050</b>	<b>214,363,573</b>



# CIP SUMMARY BY PROJECT

# HOUSING AND COMMUNITY DEVELOPMENT

Division Priority	Project Number	Project Name	Carry Forward	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
1	CD02011	MASON VILLAGE	10,104,329	2,000,000	0	0	0	0	12,104,329
2	CD01030	MHA-Foote Future Hope VI	0	35,256,000	30,771,180	29,755,695	32,049,075	37,687,050	165,519,000
3	CD02013	Memphis Heritage Trails	0	1,950,000	8,350,000	8,000,000	6,800,000	3,400,000	28,500,000
4	CD01096	Universal Life	0	3,140,244	0	0	0	0	3,140,244
5	CD02012	Liberty Bowl Stadium Phase III	4,800,000	0	0	0	0	0	4,800,000
6	CD01097	Klondike/Smokey City Redevelopment Initiatives	0	300,000	0	0	0	0	300,000
<b>Total</b>			<b>14,904,329</b>	<b>42,646,244</b>	<b>39,121,180</b>	<b>37,755,695</b>	<b>38,849,075</b>	<b>41,087,050</b>	<b>214,363,573</b>



CIP 2017 DETAIL BY PROJECT

Project Name MASON VILLAGE

Project Number CD02011

Division Priority 1

**Project Description / Justification:**

Predevelopment investments in the infrastructure and public space in support of the redevelopment of the area surrounding the historic Mason Temple and the I-55 Gateway known as COGIC Place. This project will address critical improvements to neighborhood assets and housing by replacing distressed housing and blight with nearly 80 units of new, high quality, mixed income housing.

**Operating Budget Impact:**

None.

**Project Detail - Current Year**

	Carry Forward	FY 2017
<b>Revenue Sources</b>		
General Obligation Bonds	2,000,000	2,000,000
Other Grant Revenues	8,104,329	0
<b>Total Revenues</b>	<b>10,104,329</b>	<b>2,000,000</b>
<b>Expenditure Types</b>		
Engineering - Architecture	590,000	0
Other Costs	3,319,652	0
Contract Construction	6,194,677	2,000,000
<b>Total Expenditures</b>	<b>10,104,329</b>	<b>2,000,000</b>

**Project Detail - 5 Year Summary**

	Carry Forward	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
<b>Revenue Sources</b>							
General Obligation Bonds	2,000,000	2,000,000	0	0	0	0	4,000,000
Other Grant Revenue	8,104,329	0	0	0	0	0	8,104,329
<b>Total Revenues</b>	<b>10,104,329</b>	<b>2,000,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>12,104,329</b>
<b>Expenditure Types</b>							
Engineering - Architecture	590,000	0	0	0	0	0	590,000
Other Costs	3,319,652	0	0	0	0	0	3,319,652
Contract Construction	6,194,677	2,000,000	0	0	0	0	8,194,677
<b>Total Expenditures</b>	<b>10,104,329</b>	<b>2,000,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>12,104,329</b>



# CIP 2017 DETAIL BY PROJECT

# HOUSING AND COMMUNITY DEVELOPMENT

**Project Name** MHA-Foote Future Hope VI

**Project Number** CD01030

**Division Priority** 2

**Project Description / Justification:**

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.

**Operating Budget Impact: None.**

### Project Detail - Current Year

	Carry Forward	FY 2017
<b>Revenue Sources</b>		
General Obligation Bonds	0	4,500,000
Federal Grants CIP	0	12,195,000
Other Grant Revenue	0	18,561,000
<b>Total Revenues</b>	<b>0</b>	<b>35,256,000</b>
<b>Expenditure Types</b>		
Engineering - Architecture	0	1,200,000
Land Development	0	4,623,844
Contract Construction	0	28,773,156
Other Costs	0	659,000
<b>Total Expenditures</b>	<b>0</b>	<b>35,256,000</b>

### Project Detail - 5 Year Summary

	Carry Forward	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
<b>Revenue Sources</b>							
General Obligation Bonds	0	4,500,000	4,485,330	3,154,645	7,860,025	8,500,000	28,500,000
Federal Grants CIP	0	12,195,000	3,349,250	5,202,250	3,190,250	8,388,250	32,325,000
Other Grant Revenue	0	18,561,000	22,936,600	21,398,800	20,998,800	20,798,800	104,694,000
<b>Total Revenues</b>	<b>0</b>	<b>35,256,000</b>	<b>30,771,180</b>	<b>29,755,695</b>	<b>32,049,075</b>	<b>37,687,050</b>	<b>165,519,000</b>



**Project Detail - 5 Year Summary**

	Carry Forward	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
<b>Expenditure Types</b>							
Engineering - Architecture	0	1,200,000	1,400,000	1,100,000	2,200,000	2,100,000	8,000,000
Land Development	0	4,623,844	4,738,340	4,678,470	4,279,971	4,866,000	23,186,625
Contract Construction	0	28,773,156	24,059,840	23,364,225	24,957,104	29,820,050	130,974,375
Other Costs	0	659,000	573,000	613,000	612,000	901,000	3,358,000
<b>Total Expenditures</b>	<b>0</b>	<b>35,256,000</b>	<b>30,771,180</b>	<b>29,755,695</b>	<b>32,049,075</b>	<b>37,687,050</b>	<b>165,519,000</b>



# CIP 2017 DETAIL BY PROJECT

# HOUSING AND COMMUNITY DEVELOPMENT

**Project Name** Memphis Heritage Trails  
**Project Number** CD02013  
**Division Priority** 3

**Project Description / Justification:**

Triangle Noir redevelopment project is an aggressive effort to revitalize Southern Downtown areas of Memphis beginning with the existing Cleaborn Homes public housing site. The development will provide opportunities consisting of 400 units of newly constructed mixed-income rental housing built over four phases to a mixed income population. Most importantly, this development will help eliminate blight in the area and provide affordable housing options to 290 families.

**Operating Budget Impact: None**

### Project Detail - Current Year

	Carry Forward	FY 2017
<b>Revenue Sources</b>		
General Obligation Bonds	0	200,000
Federal Grants Other	0	1,000,000
State Grants All	0	750,000
<b>Total Revenues</b>	<b>0</b>	<b>1,950,000</b>
<b>Expenditure Types</b>		
Contract Construction	0	200,000
Other Cost	0	1,750,000
<b>Total Expenditures</b>	<b>0</b>	<b>1,950,000</b>

### Project Detail - 5 Year Summary

	Carry Forward	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
<b>Revenue Sources</b>							
General Obligation Bonds	0	200,000	6,000,000	6,000,000	5,800,000	3,400,000	21,400,000
Federal Grants Other	0	1,000,000	1,000,000	1,000,000	0	0	3,000,000
State Grants All	0	750,000	350,000	0	0	0	1,100,000
Other Grant Revenue	0	0	1,000,000	1,000,000	1,000,000	0	3,000,000
<b>Total Revenues</b>	<b>0</b>	<b>1,950,000</b>	<b>8,350,000</b>	<b>8,000,000</b>	<b>6,800,000</b>	<b>3,400,000</b>	<b>28,500,000</b>
<b>Expenditure Types</b>							
Contract Construction	0	200,000	6,000,000	6,000,000	5,800,000	3,400,000	21,400,000
Other Cost	0	1,750,000	2,350,000	2,000,000	1,000,000	0	7,100,000
<b>Total Expenditures</b>	<b>0</b>	<b>1,950,000</b>	<b>8,350,000</b>	<b>8,000,000</b>	<b>6,800,000</b>	<b>3,400,000</b>	<b>28,500,000</b>



CIP 2017 DETAIL BY PROJECT

Project Name Universal Life

Project Number CD01096

Division Priority 4

Project Description / Justification:

This project will provide funding for the renovation of the old historical Universal Life Insurance Building

Operating Budget Impact:None.

Project Detail - Current Year

	Carry Forward	FY 2017
<b>Revenue Sources</b>		
General Obligation Bonds	0	300,000
Federal Grant	0	791,231
Local Other CIP	0	300,000
Other Grant Revenue	0	1,749,013
<b>Total Revenues</b>	<b>0</b>	<b>3,140,244</b>
<b>Expenditure Types</b>		
Engineering-Architecture	0	157,012
Contract Construction	0	2,983,232
<b>Total Expenditures</b>	<b>0</b>	<b>3,140,244</b>

Project Detail - 5 Year Summary

	Carry Forward	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
<b>Revenue Sources</b>							
General Obligation Bonds	0	300,000	0	0	0	0	300,000
Federal Grant	0	791,231	0	0	0	0	791,231
Local Other CIP	0	300,000	0	0	0	0	300,000
Other Grant Revenue	0	1,749,013	0	0	0	0	1,749,013
<b>Total Revenues</b>	<b>0</b>	<b>3,140,244</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3,140,244</b>
<b>Expenditure Types</b>							
Engineering-Architecture	0	157,012	0	0	0	0	157,012
Contract Construction	0	2,983,232	0	0	0	0	2,983,232
<b>Total Expenditures</b>	<b>0</b>	<b>3,140,244</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3,140,244</b>

**CIP 2017 DETAIL BY PROJECT**

**Project Name** Liberty Bowl Stadium Phase III

**Project Number** CD02012

**Division Priority** 5

**Project Description / Justification:**

Liberty Bowl Stadium

**Operating Budget Impact:**

None.

**Project Detail - 5 Year Summary**

	Carry Forward	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
<b>Revenue Sources</b>							
General Obligation Bonds	4,800,000	0	0	0	0	0	4,800,000
<b>Total Revenues</b>	<b>4,800,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4,800,000</b>
<b>Expenditure Types</b>							
Engineering - Architecture	444,000	0	0	0	0	0	444,000
Contract Construction	4,356,000	0	0	0	0	0	4,356,000
<b>Total Expenditures</b>	<b>4,800,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4,800,000</b>

CIP 2017 DETAIL BY PROJECT

**Project Name** Klondike/Smokey City Redevelopment Initiatives

**Project Number** CD1097

**Division Priority** 6

**Project Description / Justification:**

The Klondike/Smokey City Redevelopment Initiatives Project follows directly from *Reimagining Klondike/Smokey City*, the urban design vision plan created by a partnership of the City of Memphis Division of Housing and Community Development and the Klondike/Smokey City Community Development Corporation. The vision plan is based on meeting the community's needs as expressed by the residents. (Reducing blight, creating more housing choices, improving connectivity and access, strengthening the existing business district on Jackson Avenue and creating more community open space.)

**Operating Budget Impact:**

None.

**Project Detail - 5 Year Summary**

	Carry Forward	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
<b>Revenue Sources</b>							
General Obligation Bonds	0	300,000	0	0	0	0	300,000
<b>Total Revenues</b>	<b>0</b>	<b>300,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>300,000</b>
<b>Expenditure Types</b>							
Engineering - Architecture	0	300,000	0	0	0	0	300,000
<b>Total Expenditures</b>	<b>0</b>	<b>300,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>300,000</b>

	Carry Forward	FY 2017
<b>Revenue Sources</b>		
General Obligation Bonds	0	4,241,667
<b>Total Revenues</b>	<b>0</b>	<b>4,241,667</b>
<b>Expenditure Types</b>		
Information Technology	0	4,241,667
<b>Total Expenditures</b>	<b>0</b>	<b>4,241,667</b>



	Carry Forward	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
<b>Revenue Sources</b>							
General Obligation Bonds	0	4,241,667	1,916,667	416,666	0	0	6,575,000
<b>Total Revenues</b>	<b>0</b>	<b>4,241,667</b>	<b>1,916,667</b>	<b>416,666</b>	<b>0</b>	<b>0</b>	<b>6,575,000</b>
<b>Expenditure Types</b>							
Information Technology	0	4,241,667	1,916,667	416,666	0	0	6,575,000
<b>Total Expenditures</b>	<b>0</b>	<b>4,241,667</b>	<b>1,916,667</b>	<b>416,666</b>	<b>0</b>	<b>0</b>	<b>6,575,000</b>

# CIP SUMMARY BY PROJECT

# INFORMATION SERVICES

Division Priority	Project Number	Project Name	Carry Forward	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
		MFD Tele/Radio Log							
1	IS01079	Recorder	0	300,000	0	0	0	0	300,000
2	IS01077	Time & Attendance	0	1,700,000	0	0	0	0	1,700,000
		HRMS Management System							
3	IS01075	Cloud	0	1,500,000	1,500,000	0	0	0	3,000,000
4	IS01076	Network Hardware Upgrade	0	525,000	100,000	0	0	0	625,000
		Community Ctr Network							
5	IS01078	Upgrade	0	216,667	316,667	416,666	0	0	950,000
		<b>Total</b>	<b>0</b>	<b>4,241,667</b>	<b>1,916,667</b>	<b>416,666</b>	<b>0</b>	<b>0</b>	<b>6,575,000</b>



**Project Name** MFD Tele/Radio Log Recorder

**Project Number** IS01079

**Division Priority** 1

**Project Description / Justification:**

Upgrade current logging recorder system. This solution provides simple control of advance recording technology so that MFD personnel can quickly access the information they need for analysis, investigation or evidence.

**Operating Budget Impact:**

None.

**Project Detail - Current Year**

	Carry Forward	FY 2017
<b>Revenue Sources</b>		
General Obligation Bonds	0	300,000
<b>Total Revenues</b>	<b>0</b>	<b>300,000</b>
<b>Expenditure Types</b>		
Information Technology	0	300,000
<b>Total Expenditures</b>	<b>0</b>	<b>300,000</b>

**Project Detail - 5 Year Summary**

	Carry Forward	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
<b>Revenue Sources</b>							
General Obligation Bonds	0	300,000	0	0	0	0	300,000
<b>Total Revenues</b>	<b>0</b>	<b>300,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>300,000</b>
<b>Expenditure Types</b>							
Information Technology	0	300,000	0	0	0	0	300,000
<b>Total Expenditures</b>	<b>0</b>	<b>300,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>300,000</b>



**Project Name** Time & Attendance  
**Project Number** IS01077  
**Division Priority** 2

**Project Description / Justification:**  
 Hardware and software solution for hourly employee timekeeping process.

**Operating Budget Impact:**  
 Vendor hosting fee and annual software and maintenance cost.

**Project Detail - Current Year**

	Carry Forward	FY 2017
<b>Revenue Sources</b>		
General Obligation Bonds	0	1,700,000
<b>Total Revenues</b>	<b>0</b>	<b>1,700,000</b>
<b>Expenditure Types</b>		
Information Technology	0	1,700,000
<b>Total Expenditures</b>	<b>0</b>	<b>1,700,000</b>

**Project Detail - 5 Year Summary**

	Carry Forward	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
<b>Revenue Sources</b>							
General Obligation Bonds	0	1,700,000	0	0	0	0	1,700,000
<b>Total Revenues</b>	<b>0</b>	<b>1,700,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,700,000</b>
<b>Expenditure Types</b>							
Information Technology	0	1,700,000	0	0	0	0	1,700,000
<b>Total Expenditures</b>	<b>0</b>	<b>1,700,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,700,000</b>

**Project Name** HRMS Management System Cloud

**Project Number** IS01075

**Division Priority** 3

**Project Description / Justification:**

Software upgrade. Managed software will be transitioned to a SAAS/Cloud version. Improved productivity through technological enhancements.

**Operating Budget Impact:**

None.

**Project Detail - Current Year**

	Carry Forward	FY 2017
<b>Revenue Sources</b>		
General Obligation Bonds	0	1,500,000
<b>Total Revenues</b>	<b>0</b>	<b>1,500,000</b>
<b>Expenditure Types</b>		
Information Technology	0	1,500,000
<b>Total Expenditures</b>	<b>0</b>	<b>1,500,000</b>

**Project Detail - 5 Year Summary**

	Carry Forward	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
<b>Revenue Sources</b>							
General Obligation Bonds	0	1,500,000	1,500,000	0	0	0	3,000,000
<b>Total Revenues</b>	<b>0</b>	<b>1,500,000</b>	<b>1,500,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3,000,000</b>
<b>Expenditure Types</b>							
Information Technology	0	1,500,000	1,500,000	0	0	0	3,000,000
<b>Total Expenditures</b>	<b>0</b>	<b>1,500,000</b>	<b>1,500,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3,000,000</b>

**Project Name** Network Hardware Upgrade  
**Project Number** IS01076  
**Division Priority** 4

**Project Description / Justification:**

Network hardware equipment. Existing network hardware is over 8 years old and the useful life is 7 years. Higher risk for phone and internet outages.

**Operating Budget Impact:**

None.

**Project Detail - Current Year**

	Carry Forward	FY 2017
<b>Revenue Sources</b>		
General Obligation Bonds	0	525,000
<b>Total Revenues</b>	<b>0</b>	<b>525,000</b>
<b>Expenditure Types</b>		
Information Technology	0	525,000
<b>Total Expenditures</b>	<b>0</b>	<b>525,000</b>

**Project Detail - 5 Year Summary**

	Carry Forward	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
<b>Revenue Sources</b>							
General Obligation Bonds	0	525,000	100,000	0	0	0	625,000
<b>Total Revenues</b>	<b>0</b>	<b>525,000</b>	<b>100,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>625,000</b>
<b>Expenditure Types</b>							
Information Technology	0	525,000	100,000	0	0	0	625,000
<b>Total Expenditures</b>	<b>0</b>	<b>525,000</b>	<b>100,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>625,000</b>

**Project Name** Community Ctr Network Upgrade

**Project Number** IS01078

**Division Priority** 5

**Project Description / Justification:**

Install fiber cabling at 21 community systems and 3 senior citizen centers. Fiber installation will occur over a three year period.

**Operating Budget Impact:**

None.

**Project Detail - Current Year**

	Carry Forward	FY 2017
<b>Revenue Sources</b>		
General Obligation Bonds	0	216,667
<b>Total Revenues</b>	<b>0</b>	<b>216,667</b>
<b>Expenditure Types</b>		
Information Technology	0	216,667
<b>Total Expenditures</b>	<b>0</b>	<b>216,667</b>

**Project Detail - 5 Year Summary**

	Carry Forward	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
<b>Revenue Sources</b>							
General Obligation Bonds	0	216,667	316,667	416,666	0	0	950,000
<b>Total Revenues</b>	<b>0</b>	<b>216,667</b>	<b>316,667</b>	<b>416,666</b>	<b>0</b>	<b>0</b>	<b>950,000</b>
<b>Expenditure Types</b>							
Information Technology	0	216,667	316,667	416,666	0	0	950,000
<b>Total Expenditures</b>	<b>0</b>	<b>216,667</b>	<b>316,667</b>	<b>416,666</b>	<b>0</b>	<b>0</b>	<b>950,000</b>

	Carry Forward	FY 2017
<b>Revenue Sources</b>		
General Obligation Bonds	350,000	0
<b>Total Revenues</b>	<b>350,000</b>	<b>0</b>
<b>Expenditure Types</b>		
Construction	160,000	0
Furniture, Fixtures & Equipment	190,000	0
<b>Total Expenditures</b>	<b>350,000</b>	<b>0</b>



	Carry Forward	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
<b>Revenue Sources</b>							
General Obligation Bonds	350,000	0	0	0	0	0	350,000
<b>Total Revenues</b>	<b>350,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>350,000</b>
<b>Expenditure Types</b>							
Construction	160,000	0	0	0	0	0	160,000
Furniture, Fixtures & Equipment	190,000	0	0	0	0	0	190,000
<b>Total Expenditures</b>	<b>350,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>350,000</b>

# CIP SUMMARY BY PROJECT

LIBRARY

Division Priority	Project Number	Project Name	Carry Forward	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
WYPL Radio & TV									
1	PK08035	Equipment	190,000	0	0	0	0	0	190,000
2	PK08033	Radio Tower Maintenance	160,000	0	0	0	0	0	160,000
<b>Total</b>			<b>350,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>350,000</b>



**Project Name** WYPL Radio & TV Equipment

**Project Number** PK08035

**Division Priority** 1

**Project Description / Justification:**

This project provides funding for essential maintenance, repairs, and replacements recommended by technical consultants. Master Multi Viewer Display, Master Control UPS System, and Chroma Key Wall. In addition, this project will fund Web implementation of programming for WYPL TV 18 and Radio 89.3. Note that this project is matched/leveraged by a \$50,000 challenge grant issued by the Memphis Library Foundation.

**Operating Budget Impact:**

None.

**Project Detail - Current Year**

	Carry Forward	FY 2017
<b>Revenue Sources</b>		
General Obligation Bonds	190,000	0
<b>Total Revenues</b>	<b>190,000</b>	<b>0</b>
<b>Expenditure Types</b>		
Furniture, Fixtures & Equipment	190,000	0
<b>Total Expenditures</b>	<b>190,000</b>	<b>0</b>

**Project Detail - 5 Year Summary**

	Carry Forward	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
<b>Revenue Sources</b>							
General Obligation Bonds	190,000	0	0	0	0	0	190,000
<b>Total Revenues</b>	<b>190,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>190,000</b>
<b>Expenditure Types</b>							
Furniture, Fixtures & Equipment	190,000	0	0	0	0	0	190,000
<b>Total Expenditures</b>	<b>190,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>190,000</b>



**Project Name** Radio Tower Maintenance

**Project Number** PK08033

**Division Priority** 2

**Project Description / Justification:**

This project provides funding for WYPL radio tower maintenance, lightening damage repair and work shred replacement.

**Operating Budget Impact:**

None.

**Project Detail - Current Year**

	Carry Forward	FY 2017
<b>Revenue Sources</b>		
General Obligation Bonds	160,000	0
<b>Total Revenues</b>	<b>160,000</b>	<b>0</b>
<b>Expenditure Types</b>		
Contract Construction	160,000	0
<b>Total Expenditures</b>	<b>160,000</b>	<b>0</b>

**Project Detail - 5 Year Summary**

	Carry Forward	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
<b>Revenue Sources</b>							
General Obligation Bonds	160,000	0	0	0	0	0	160,000
<b>Total Revenues</b>	<b>190,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>160,000</b>
<b>Expenditure Types</b>							
Contract Construction	160,000	0	0	0	0	0	160,000
<b>Total Expenditures</b>	<b>160,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>160,000</b>



	<b>Carry Forward</b>	<b>FY 2017</b>
<b>Revenue Sources</b>		
General Obligation Bonds	0	8,536,000
Federal Grants CIP	0	15,888,000
State Grants All	0	436,000
<b>Total Revenues</b>	<b>0</b>	<b>24,860,000</b>
<b>Expenditure Types</b>		
Engineering - Architecture	0	2,500,000
Land Acquisition	0	2,500,000
Other Cost	0	19,860,000
<b>Total Expenditures</b>	<b>0</b>	<b>24,860,000</b>

	Carry Forward	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
<b>Revenue Sources</b>							
General Obligation Bonds	0	8,536,000	6,246,000	6,440,000	6,202,000	5,296,000	32,720,000
Federal Grants CIP	0	15,888,000	27,008,000	27,680,000	26,816,000	23,408,000	120,800,000
State Grants All	0	436,000	506,000	480,000	502,000	556,000	2,480,000
<b>Total Revenues</b>	<b>0</b>	<b>24,860,000</b>	<b>33,760,000</b>	<b>34,600,000</b>	<b>33,520,000</b>	<b>29,260,000</b>	<b>156,000,000</b>
<b>Expenditure Types</b>							
Engineering - Architecture	0	2,500,000	4,000,000	0	0	0	6,500,000
Land Acquisition	0	2,500,000	0	0	0	0	2,500,000
Contract Construction	0	0	6,000,000	20,000,000	25,000,000	20,000,000	71,000,000
Other Cost	0	19,860,000	23,760,000	14,600,000	8,520,000	9,260,000	76,000,000
<b>Total Expenditures</b>	<b>0</b>	<b>24,860,000</b>	<b>33,760,000</b>	<b>34,600,000</b>	<b>33,520,000</b>	<b>29,260,000</b>	<b>156,000,000</b>

# CIP SUMMARY BY PROJECT

MATA

Division Priority	Project Number	Project Name	Carry Forward	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
1	GA03007	MATA-Bus Replacement	0	5,000,000	6,500,000	6,500,000	0	0	18,000,000
2	GA03011	MATA-Paratransit Bus	0	1,260,000	960,000	600,000	720,000	1,260,000	4,800,000
3	GA03026	Rail Vehicles	0	5,500,000	10,000,000	2,000,000	2,000,000	2,000,000	21,500,000
4	GA03025	Bus Facility Improvements	0	1,500,000	2,000,000	2,000,000	2,000,000	2,000,000	9,500,000
5	GA03024	Rail Facility Improvements	0	1,500,000	2,000,000	2,000,000	2,000,000	2,000,000	9,500,000
6	GA03001	MATA-Service Vehicles	0	100,000	100,000	200,000	300,000	300,000	1,000,000
7	GA03022	MATA-Adv Public Transp System	0	5,000,000	2,200,000	1,300,000	1,500,000	1,700,000	11,700,000
8	GA03023	MATA-Operations/Maint Facility	0	5,000,000	10,000,000	20,000,000	25,000,000	20,000,000	80,000,000
<b>Total</b>			<b>0</b>	<b>24,860,000</b>	<b>33,760,000</b>	<b>34,600,000</b>	<b>33,520,000</b>	<b>29,260,000</b>	<b>156,000,000</b>



**Project Name** MATA-Bus Replacement

**Project Number** GA03007

**Division Priority** 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 is making an effort to incorporate alternative fuel and smaller 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 78 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 2017
<b>Revenue Sources</b>		
General Obligation Bonds	0	5,000,000
<b>Total Revenues</b>	<b>0</b>	<b>5,000,000</b>
<b>Expenditure Types</b>		
Other Cost	0	5,000,000
<b>Total Expenditures</b>	<b>0</b>	<b>5,000,000</b>

**Project Detail - 5 Year Summary**

	Carry Forward	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
<b>Revenue Sources</b>							
General Obligation Bonds	0	5,000,000	1,300,000	1,300,000	0	0	7,600,000
Federal Grants CIP	0	0	5,200,000	5,200,000	0	0	10,400,000
<b>Total Revenues</b>	<b>0</b>	<b>5,000,000</b>	<b>6,500,000</b>	<b>6,500,000</b>	<b>0</b>	<b>0</b>	<b>18,000,000</b>
<b>Expenditure Types</b>							
Other Cost	0	5,000,000	6,500,000	6,500,000	0	0	18,000,000
<b>Total Expenditures</b>	<b>0</b>	<b>5,000,000</b>	<b>6,500,000</b>	<b>6,500,000</b>	<b>0</b>	<b>0</b>	<b>18,000,000</b>

**Project Name** MATA-Paratransit Bus  
**Project Number** GA03011  
**Division Priority** 2

**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 2017
<b>Revenue Sources</b>		
General Obligation Bonds	0	126,000
Federal Grants CIP	0	1,008,000
State Grants All	0	126,000
<b>Total Revenues</b>	<b>0</b>	<b>1,260,000</b>
<b>Expenditure Types</b>		
Other Cost	0	1,260,000
<b>Total Expenditures</b>	<b>0</b>	<b>1,260,000</b>

**Project Detail - 5 Year Summary**

	Carry Forward	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
<b>Revenue Sources</b>							
General Obligation Bonds	0	126,000	96,000	60,000	72,000	126,000	480,000
Federal Grants CIP	0	1,008,000	768,000	480,000	576,000	1,008,000	3,840,000
State Grants All	0	126,000	96,000	60,000	72,000	126,000	480,000
<b>Total Revenues</b>	<b>0</b>	<b>1,260,000</b>	<b>960,000</b>	<b>600,000</b>	<b>720,000</b>	<b>1,260,000</b>	<b>4,800,000</b>
<b>Expenditure Types</b>							
Other Cost	0	1,260,000	960,000	600,000	720,000	1,260,000	4,800,000
<b>Total Expenditures</b>	<b>0</b>	<b>1,260,000</b>	<b>960,000</b>	<b>600,000</b>	<b>720,000</b>	<b>1,260,000</b>	<b>4,800,000</b>



**Project Name** Rail Vehicles

**Project Number** GA03026

**Division Priority** 3

**Project Description / Justification:**

MATA plans to purchase and renovate rail vehicles that have reached the end of their useful service life.

**Operating Budget Impact:**

None.

**Project Detail - Current Year**

	Carry Forward	FY 2017
<b>Revenue Sources</b>		
General Obligation Bonds	0	1,100,000
Federal Grants CIP	0	4,400,000
<b>Total Revenues</b>	<b>0</b>	<b>5,500,000</b>
<b>Expenditure Types</b>		
Other Cost	0	5,500,000
<b>Total Expenditures</b>	<b>0</b>	<b>5,500,000</b>

**Project Detail - 5 Year Summary**

	Carry Forward	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
<b>Revenue Sources</b>							
General Obligation Bonds	0	1,100,000	2,000,000	400,000	400,000	400,000	4,300,000
Federal Grants CIP	0	4,400,000	8,000,000	1,600,000	1,600,000	1,600,000	17,200,000
<b>Total Revenues</b>	<b>0</b>	<b>5,500,000</b>	<b>10,000,000</b>	<b>2,000,000</b>	<b>2,000,000</b>	<b>2,000,000</b>	<b>21,500,000</b>
<b>Expenditure Types</b>							
Other Cost	0	5,500,000	10,000,000	2,000,000	2,000,000	2,000,000	21,500,000
<b>Total Expenditures</b>	<b>0</b>	<b>5,500,000</b>	<b>10,000,000</b>	<b>2,000,000</b>	<b>2,000,000</b>	<b>2,000,000</b>	<b>21,500,000</b>



**Project Name** Bus Facility Improvements  
**Project Number** GA03025  
**Division Priority** 4

**Project Description / Justification:**

This project provides funds for rehabilitation, repair, upgrade or replacement of major elements of MATA's bus facilities. This includes investments for the Operation and Maintenance Facility at Levee Road, two facilities on Watkins Street, the American Way Transit Center, the North End Terminal, the Airways Transit Center, Central Station and MATA's Radio Tower Complex. This also covers any repairs or replacements for MATA's transit amenities such as shelters and signs.

**Operating Budget Impact:**

None.

**Project Detail - Current Year**

	Carry Forward	FY 2017
<b>Revenue Sources</b>		
General Obligation Bonds	0	150,000
Federal Grants CIP	0	1,200,000
State Grants All	0	150,000
<b>Total Revenues</b>	<b>0</b>	<b>1,500,000</b>
<b>Expenditure Types</b>		
Other Cost	0	1,500,000
<b>Total Expenditures</b>	<b>0</b>	<b>1,500,000</b>

**Project Detail - 5 Year Summary**

	Carry Forward	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
<b>Revenue Sources</b>							
General Obligation Bonds	0	150,000	200,000	200,000	200,000	200,000	950,000
Federal Grants CIP	0	1,200,000	1,600,000	1,600,000	1,600,000	1,600,000	7,600,000
State Grants All	0	150,000	200,000	200,000	200,000	200,000	950,000
<b>Total Revenues</b>	<b>0</b>	<b>1,500,000</b>	<b>2,000,000</b>	<b>2,000,000</b>	<b>2,000,000</b>	<b>2,000,000</b>	<b>9,500,000</b>
<b>Expenditure Types</b>							
Other Cost	0	1,500,000	2,000,000	2,000,000	2,000,000	2,000,000	9,500,000
<b>Total Expenditures</b>	<b>0</b>	<b>1,500,000</b>	<b>2,000,000</b>	<b>2,000,000</b>	<b>2,000,000</b>	<b>2,000,000</b>	<b>9,500,000</b>

**Project Name** Rail Facility Improvements  
**Project Number** GA03024  
**Division Priority** 5

**Project Description / Justification:**

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

**Operating Budget Impact: None.**

**Project Detail - 5 Year Summary**

	Carry Forward	FY 2017
<b>Revenue Sources</b>		
General Obligation Bonds	0	150,000
Federal Grants CIP	0	1,200,000
State Grants All	0	150,000
<b>Total Revenues</b>	<b>0</b>	<b>1,500,000</b>
<b>Expenditure Types</b>		
Other Cost	0	1,500,000
<b>Total Expenditures</b>	<b>0</b>	<b>1,500,000</b>

**Project Detail - 5 Year Summary**

	Carry Forward	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
<b>Revenue Sources</b>							
General Obligation Bonds	0	150,000	200,000	200,000	200,000	200,000	950,000
Federal Grants CIP	0	1,200,000	1,600,000	1,600,000	1,600,000	1,600,000	7,600,000
State Grants All	0	150,000	200,000	200,000	200,000	200,000	950,000
<b>Total Revenues</b>	<b>0</b>	<b>1,500,000</b>	<b>2,000,000</b>	<b>2,000,000</b>	<b>2,000,000</b>	<b>2,000,000</b>	<b>9,500,000</b>
<b>Expenditure Types</b>							
Other Cost	0	1,500,000	2,000,000	2,000,000	2,000,000	2,000,000	9,500,000
<b>Total Expenditures</b>	<b>0</b>	<b>1,500,000</b>	<b>2,000,000</b>	<b>2,000,000</b>	<b>2,000,000</b>	<b>2,000,000</b>	<b>9,500,000</b>

# CIP 2017 DETAIL BY PROJECT

MATA

**Project Name** MATA-Service Vehicles

**Project Number** GA03001

**Division Priority** 6

**Project Description / Justification:**

MATA plans to purchase service vehicles to replace vehicles that have reached the end of their useful life.

**Operating Budget Impact:**

None

### Project Detail - Current Year

	Carry Forward	FY 2017
<b>Revenue Sources</b>		
General Obligation Bonds	0	10,000
Federal Grants CIP	0	80,000
State Grants All	0	10,000
<b>Total Revenues</b>	<b>0</b>	<b>100,000</b>
<b>Expenditure Types</b>		
Other Cost	0	100,000
<b>Total Expenditures</b>	<b>0</b>	<b>100,000</b>

### Project Detail - 5 Year Summary

	Carry Forward	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
<b>Revenue Sources</b>							
General Obligation Bonds	0	10,000	10,000	20,000	30,000	30,000	100,000
Federal Grants CIP	0	80,000	80,000	160,000	240,000	240,000	800,000
State Grants All	0	10,000	10,000	20,000	30,000	30,000	100,000
<b>Total Revenues</b>	<b>0</b>	<b>100,000</b>	<b>100,000</b>	<b>200,000</b>	<b>300,000</b>	<b>300,000</b>	<b>1,000,000</b>
<b>Expenditure Types</b>							
Other Cost	0	100,000	100,000	200,000	300,000	300,000	1,000,000
<b>Total Expenditures</b>	<b>0</b>	<b>100,000</b>	<b>100,000</b>	<b>200,000</b>	<b>300,000</b>	<b>300,000</b>	<b>1,000,000</b>



**Project Name** MATA-Adv Public Transp System  
**Project Number** GA03022  
**Division Priority** 7

**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, traffic signal priority, and various management systems. This project also includes complete replacement of the fareboxes on the entire revenue vehicle fleet in the outyears.

**Operating Budget Impact:**  
 None

**Project Detail - Current Year**

	Carry Forward	FY 2017
<b>Revenue Sources</b>		
General Obligation Bonds	0	1,000,000
Federal Grants CIP	0	4,000,000
<b>Total Revenues</b>	<b>0</b>	<b>5,000,000</b>
<b>Expenditure Types</b>		
Other Cost	0	5,000,000
<b>Total Expenditures</b>	<b>0</b>	<b>5,000,000</b>

**Project Detail - 5 Year Summary**

	Carry Forward	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
<b>Revenue Sources</b>							
General Obligation Bonds	0	1,000,000	440,000	260,000	300,000	340,000	2,340,000
Federal Grants CIP	0	4,000,000	1,760,000	1,040,000	1,200,000	1,360,000	9,360,000
<b>Total Revenues</b>	<b>0</b>	<b>5,000,000</b>	<b>2,200,000</b>	<b>1,300,000</b>	<b>1,500,000</b>	<b>1,700,000</b>	<b>11,700,000</b>
<b>Expenditure Types</b>							
Other Cost	0	5,000,000	2,200,000	1,300,000	1,500,000	1,700,000	11,700,000
<b>Total Expenditures</b>	<b>0</b>	<b>5,000,000</b>	<b>2,200,000</b>	<b>1,300,000</b>	<b>1,500,000</b>	<b>1,700,000</b>	<b>11,700,000</b>

**Project Name** MATA-Operations/Maint Facility  
**Project Number** GA03023  
**Division Priority** 8

**Project Description / Justification:**

This project provides funds for replacement of the existing MATA's 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 2017
<b>Revenue Sources</b>		
General Obligation Bonds	0	1,000,000
Federal Grants CIP	0	4,000,000
<b>Total Revenues</b>	<b>0</b>	<b>5,000,000</b>
<b>Expenditure Types</b>		
Engineering - Architecture	0	2,500,000
Land Acquisition	0	2,500,000
<b>Total Expenditures</b>	<b>0</b>	<b>5,000,000</b>

**Project Detail - 5 Year Summary**

	Carry Forward	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
<b>Revenue Sources</b>							
General Obligation Bonds	0	1,000,000	2,000,000	4,000,000	5,000,000	4,000,000	16,000,000
Federal Grants CIP	0	4,000,000	8,000,000	16,000,000	20,000,000	16,000,000	64,000,000
<b>Total Revenues</b>	<b>0</b>	<b>5,000,000</b>	<b>10,000,000</b>	<b>20,000,000</b>	<b>25,000,000</b>	<b>20,000,000</b>	<b>80,000,000</b>
<b>Expenditure Types</b>							
Engineering - Architecture	0	2,500,000	4,000,000	0	0	0	6,500,000
Land Acquisition	0	2,500,000	0	0	0	0	2,500,000
Contract Construction	0	0	6,000,000	20,000,000	25,000,000	20,000,000	71,000,000
<b>Total Expenditures</b>	<b>0</b>	<b>5,000,000</b>	<b>10,000,000</b>	<b>20,000,000</b>	<b>25,000,000</b>	<b>20,000,000</b>	<b>80,000,000</b>





	Carry Forward	FY 2017
<b>Revenue Sources</b>		
General Obligation Bonds	1,860,490	3,995,000
<b>Total Revenues</b>	<b>1,860,049</b>	<b>3,995,000</b>
<b>Expenditure Types</b>		
Engineering - Architecture	0	250,000
Contract Construction	1,580,490	3,545,000
Furniture, Fixtures & Equipment	280,000	200,000
<b>Total Expenditures</b>	<b>1,860,490</b>	<b>3,995,000</b>

# CIP 2017 DIVISION SUMMARY

# PARKS AND NEIGHBORHOODS

	Carry Forward	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
<b>Revenue Sources</b>							
General Obligation Bonds	1,860,490	3,995,000	6,425,000	4,250,000	3,750,000	3,750,000	24,030,490
Local Shared CIP	0	0	400,000	0	0	0	400,000
<b>Total Revenues</b>	<b>1,860,490</b>	<b>3,995,000</b>	<b>6,825,000</b>	<b>4,250,000</b>	<b>3,750,000</b>	<b>3,750,000</b>	<b>24,430,490</b>
<b>Expenditure Types</b>							
Engineering - Architecture	0	250,000	1,010,000	250,000	250,000	250,000	2,010,000
Contract Construction	1,580,490	3,545,000	5,550,000	3,850,000	3,350,000	3,350,000	21,225,490
Furniture, Fixtures & Equipment	280,000	200,000	265,000	150,000	150,000	150,000	1,195,000
<b>Total Expenditures</b>	<b>1,860,490</b>	<b>3,995,000</b>	<b>6,825,000</b>	<b>4,250,000</b>	<b>3,750,000</b>	<b>3,750,000</b>	<b>24,430,490</b>





# CIP SUMMARY BY PROJECT

# PARKS AND NEIGHBORHOODS

Division Priority	Project Number Project Name	Carry Forward	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
1	PK09002 Zoo Major Maintenance	0	250,000	250,000	250,000	250,000	250,000	1,250,000
2	PK07114 Parks Cover Line	1,860,490	2,595,000	3,000,000	2,000,000	2,000,000	2,000,000	13,455,490
3	PK07012 Greenway Improvements	0	1,150,000	1,500,000	1,500,000	1,500,000	1,500,000	7,150,000
	HUD Disaster Resilience							
4	PK07118 Grant	0	0	500,000	500,000	0	0	1,000,000
5	PK07119 L.E. Brown Park	0	0	1,575,000	0	0	0	1,575,000
	<b>Total</b>	<b>1,860,490</b>	<b>3,995,000</b>	<b>6,825,000</b>	<b>4,250,000</b>	<b>3,750,000</b>	<b>3,750,000</b>	<b>24,430,490</b>



**Project Name** Zoo Major Maintenance

**Project Number** PK09002

**Division Priority** 1

**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 and maintenance projects such as the installation of an automatic transfer switch for the generator in the Teton Trek, replace the mesh in Cat Country, furniture for Tea Room, benches for China Theater, asphalt repair on inside sidewalks and emergency repairs as needed.

**Operating Budget Impact:**

None

**Project Detail - Current Year**

	Carry Forward	FY 2017
<b>Revenue Sources</b>		
General Obligation Bonds	0	250,000
<b>Total Revenues</b>	<b>0</b>	<b>250,000</b>
<b>Expenditure Types</b>		
Contract Construction	0	250,000
<b>Total Expenditures</b>	<b>0</b>	<b>250,000</b>

**Project Detail - 5 Year Summary**

	Carry Forward	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
<b>Revenue Sources</b>							
General Obligation Bonds	0	250,000	250,000	250,000	250,000	250,000	1,250,000
<b>Total Revenues</b>	<b>0</b>	<b>250,000</b>	<b>250,000</b>	<b>250,000</b>	<b>250,000</b>	<b>250,000</b>	<b>1,250,000</b>
<b>Expenditure Types</b>							
Contract Construction	0	250,000	250,000	250,000	250,000	250,000	1,250,000
<b>Total Expenditures</b>	<b>0</b>	<b>250,000</b>	<b>250,000</b>	<b>250,000</b>	<b>250,000</b>	<b>250,000</b>	<b>1,250,000</b>

**Project Name** Parks Cover Line

**Project Number** PK07114

**Division Priority** 2

**Project Description / Justification:**

This project provides funds for various parks project such as repaving parking lots; replacement of site furnishing at various parks; and Furniture Fixture & Equipment for community center. Funding is also being provided for tennis court repairs at Leftwich Tennis Center in Audubon Park, Bellevue Tennis Center in Jesse Turner Park, Eldon Roark Tennis Center in Whitehaven Park, Frayser Tennis Center in Frayser Park, Raleigh Tennis Center in Pierotti Park, and Singleton Tennis Center at Wooddale High School.

**Operating Budget Impact:**

None.

**Project Detail - Current Year**

	Carry Forward	FY 2017
<b>Revenue Sources</b>		
General Obligation Bonds	1,860,490	2,595,000
<b>Total Revenues</b>	<b>1,860,490</b>	<b>2,595,000</b>
<b>Expenditure Types</b>		
Engineering - Architecture	0	200,000
Contract Construction	1,580,490	2,195,000
Furniture, Fixtures & Equipment	280,000	200,000
<b>Total Expenditures</b>	<b>1,860,490</b>	<b>2,595,000</b>

**Project Detail - 5 Year Summary**

	Carry Forward	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
<b>Revenue Sources</b>							
General Obligation Bonds	1,860,490	2,595,000	3,000,000	2,000,000	2,000,000	2,000,000	13,455,490
<b>Total Revenues</b>	<b>1,860,490</b>	<b>2,595,000</b>	<b>3,000,000</b>	<b>2,000,000</b>	<b>2,000,000</b>	<b>2,000,000</b>	<b>13,455,490</b>
<b>Expenditure Types</b>							
Engineering - Architecture	0	200,000	200,000	150,000	150,000	150,000	850,000
Contract Construction	1,580,490	2,195,000	2,650,000	1,700,000	1,700,000	1,700,000	11,525,490
Furniture, Fixtures & Equipment	280,000	200,000	150,000	150,000	150,000	150,000	1,080,000
<b>Total Expenditures</b>	<b>1,860,490</b>	<b>2,595,000</b>	<b>3,000,000</b>	<b>2,000,000</b>	<b>2,000,000</b>	<b>2,000,000</b>	<b>13,455,490</b>

**Project Name** Greenway Improvements

**Project Number** PK07012

**Division Priority** 3

**Project Description / Justification:**

This project provides additional funds for Phase 4 - \$650,000 for Construction; Phase 5A - \$450,000 for Construction and Phase 5B \$50,000 for A/E. Funds are provided in Fiscal Years 2018 through 2022 per MOU with the Wolf River Conservancy to provide funds of \$1,500,000 per year for five years.

**Operating Budget Impact:**

None

**Project Detail - Current Year**

	Carry Forward	FY 2017
<b>Revenue Sources</b>		
General Obligation Bonds	0	1,150,000
<b>Total Revenues</b>	<b>0</b>	<b>1,150,000</b>
<b>Expenditure Types</b>		
Engineering - Architecture	0	50,000
Contract Construction	0	1,100,000
<b>Total Expenditures</b>	<b>0</b>	<b>1,150,000</b>

**Project Detail - 5 Year Summary**

	Carry Forward	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
<b>Revenue Sources</b>							
General Obligation Bonds	0	1,150,000	1,500,000	1,500,000	1,500,000	1,500,000	7,150,000
<b>Total Revenues</b>	<b>0</b>	<b>1,150,000</b>	<b>1,500,000</b>	<b>1,500,000</b>	<b>1,500,000</b>	<b>1,500,000</b>	<b>7,150,000</b>
<b>Expenditure Types</b>							
Engineering - Architecture	0	50,000	150,000	100,000	100,000	100,000	500,000
Contract Construction	0	1,100,000	1,350,000	1,400,000	1,400,000	1,400,000	6,650,000
<b>Total Expenditures</b>	<b>0</b>	<b>1,150,000</b>	<b>1,500,000</b>	<b>1,500,000</b>	<b>1,500,000</b>	<b>1,500,000</b>	<b>7,150,000</b>

**Project Name** HUD Disaster Resilience Grant

**Project Number** PK07118

**Division Priority** 4

**Project Description / Justification:**

This project funds as part of the City/County leverage for the \$60,000,000 Resilience Grant award. \$500,000 is requested for A/E in FY2017 with the balance of \$500,000 in FY2018 for Construction.

**Operating Budget Impact:**

None.

**Project Detail - 5 Year Summary**

	Carry Forward	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
<b>Revenue Sources</b>							
General Obligation Bonds	0	0	500,000	500,000	0	0	1,000,000
<b>Total Revenues</b>	<b>0</b>	<b>0</b>	<b>500,000</b>	<b>500,000</b>	<b>0</b>	<b>0</b>	<b>1,000,000</b>
<b>Expenditure Types</b>							
Engineering - Architecture	0	0	500,000	0	0	0	500,000
Contract Construction	0	0	0	500,000	0	0	500,000
<b>Total Expenditures</b>	<b>0</b>	<b>0</b>	<b>500,000</b>	<b>500,000</b>	<b>0</b>	<b>0</b>	<b>1,000,000</b>

**Project Name** L.E. Brown Park

**Project Number** PK07119

**Division Priority** 5

**Project Description / Justification:**

This project provides funds for the reconstruction of L.E. Brown park that was demolished as part of the revitalization of Cleaborne Pointe Development and repairs to the existing L.E. Brown swimming pool.

**Operating Budget Impact:**

None.

**Project Detail - 5 Year Summary**

	Carry Forward	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
<b>Revenue Sources</b>							
General Obligation Bonds	0	0	1,175,000	0	0	0	1,175,000
Local Shared CIP	0	0	400,000	0	0	0	400,000
<b>Total Revenues</b>	<b>0</b>	<b>0</b>	<b>1,575,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,575,000</b>
<b>Expenditure Types</b>							
Engineering - Architecture	0	0	160,000	0	0	0	160,000
Contract Construction	0	0	1,300,000	0	0	0	1,300,000
Furniture, Fixtures & Equipment	0	0	115,000	0	0	0	115,000
<b>Total Expenditures</b>	<b>0</b>	<b>0</b>	<b>1,575,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,575,000</b>

	Carry Forward	FY 2017
<b>Revenue Sources</b>		
General Obligation Bonds	0	14,109,200
<b>Total Revenues</b>	<b>0</b>	<b>14,109,200</b>
<b>Expenditure Types</b>		
Engineering - Architecture	0	0
Contract Construction	0	0
Furniture, Fixtures & Equipment	0	0
Other Cost	0	1,000,000
Information Technology	0	13,109,200
<b>Total Expenditures</b>	<b>0</b>	<b>14,109,200</b>

# CIP 2017 DIVISION SUMMARY

# POLICE SERVICES

	Carry Forward	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
<b>Revenue Sources</b>							
General Obligation Bonds	0	14,109,200	39,209,082	57,472,736	24,133,842	18,357,240	153,282,100
<b>Total Revenues</b>	<b>0</b>	<b>14,109,200</b>	<b>39,209,082</b>	<b>57,472,736</b>	<b>24,133,842</b>	<b>18,357,240</b>	<b>153,282,100</b>
<b>Expenditure Types</b>							
Engineering - Architecture	0	0	1,331,000	2,636,600	733,200	712,400	5,413,200
Contract Construction	0	0	0	11,606,400	20,800,000	5,990,400	38,396,800
Furniture, Fixtures & Equipment	0	0	0	312,000	650,000	2,204,400	3,166,400
Other Cost	0	1,000,000	0	3,016,000	0	0	4,016,000
Information Technology	0	13,109,200	37,878,082	39,901,736	1,950,642	9,450,040	102,289,700
<b>Total Expenditures</b>	<b>0</b>	<b>14,109,200</b>	<b>39,209,082</b>	<b>57,472,736</b>	<b>24,133,842</b>	<b>18,357,240</b>	<b>153,282,100</b>





# CIP SUMMARY BY PROJECT

# POLICE SERVICES

Division Priority	Project Number Project Name	Carry Forward	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total	
1	PD04022 In-Car Video/GPS	0	2,659,200	1,238,642	1,238,642	1,238,642	0	6,375,126	
2	PD04025 Radio System Upgrade	0	9,800,000	36,639,440	38,606,094	0	0	85,045,534	
3	PD04026 Helicopter Maintenance	0	1,000,000	0	0	0	0	1,000,000	
4	PD02006 Firestone Station	0	0	733,000	6,240,000	1,300,000	0	8,273,000	
5	PD01006 Police Academy Renovation	0	0	598,000	4,888,000	1,622,000	2,985,000	10,093,000	
6	PD02009 Mount Moriah Station	0	0	0	832,000	6,864,000	1,456,000	9,152,000	
7	PD04009 911 Facility	0	0	0	676,000	5,408,000	9,204,000	15,288,000	
8	PD02010 Raines Station	0	0	0	852,800	7,280,000	0	8,132,800	
9	PD04003 Purchase Helicopter	0	0	0	3,016,000	0	0	3,016,000	
10	Expand Vehicle/Evidence/ PD04001 Crime	0	0	0	1,123,200	421,200	4,712,240	6,256,640	
11	PD04027 Shot Spotter Technology	0	650,000	0	0	0	0	650,000	
<b>Total</b>			<b>0</b>	<b>14,109,200</b>	<b>39,209,082</b>	<b>57,472,736</b>	<b>24,133,842</b>	<b>18,357,240</b>	<b>153,282,100</b>



# CIP 2017 DETAIL BY PROJECT

# POLICE SERVICES

**Project Name** In-Car Video/GPS

**Project Number** PD04022

**Division Priority** 1

**Project Description / Justification:**

This project will provide funding to purchase mobile in car camera with GPS Tracking (125) for squad cars and body worn cameras (2000) for officers.

**Operating Budget Impact:**

Cloud storage fees, license and service fees, and marketing fees are covered under the operating budget.

### Project Detail - Current Year

	Carry Forward	FY 2017
<b>Revenue Sources</b>		
General Obligation Bonds	0	2,659,200
<b>Total Revenues</b>	<b>0</b>	<b>2,659,200</b>
<b>Expenditure Types</b>		
Information Technology	0	2,659,200
<b>Total Expenditures</b>	<b>0</b>	<b>2,659,200</b>

### Project Detail - 5 Year Summary

	Carry Forward	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
<b>Revenue Sources</b>							
General Obligation Bonds	0	2,659,200	1,238,642	1,238,642	1,238,642	0	6,375,126
<b>Total Revenues</b>	<b>0</b>	<b>2,659,200</b>	<b>1,238,642</b>	<b>1,238,642</b>	<b>1,238,642</b>	<b>0</b>	<b>6,375,126</b>
<b>Expenditure Types</b>							
Information Technology	0	2,659,200	1,238,642	1,238,642	1,238,642	0	6,375,126
<b>Total Expenditures</b>	<b>0</b>	<b>2,659,200</b>	<b>1,238,642</b>	<b>1,238,642</b>	<b>1,238,642</b>	<b>0</b>	<b>6,375,126</b>



**Project Name** Radio System Upgrade  
**Project Number** PD04025  
**Division Priority** 2

**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.

**Operating Budget Impact:**

None

**Project Detail - Current Year**

	Carry Forward	FY 2017
<b>Revenue Sources</b>		
General Obligation Bonds	0	9,800,000
<b>Total Revenues</b>	<b>0</b>	<b>9,800,000</b>
<b>Expenditure Types</b>		
Information Technology	0	9,800,000
<b>Total Expenditures</b>	<b>0</b>	<b>9,800,000</b>

**Project Detail - 5 Year Summary**

	Carry Forward	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
<b>Revenue Sources</b>							
General Obligation Bonds	0	9,800,000	36,639,440	38,606,094	0	0	85,045,534
<b>Total Revenues</b>	<b>0</b>	<b>9,800,000</b>	<b>36,639,440</b>	<b>38,606,094</b>	<b>0</b>	<b>0</b>	<b>85,045,534</b>
<b>Expenditure Types</b>							
Information Technology	0	9,800,000	36,639,440	38,606,094	0	0	85,045,534
<b>Total Expenditures</b>	<b>0</b>	<b>9,800,000</b>	<b>36,639,440</b>	<b>38,606,094</b>	<b>0</b>	<b>0</b>	<b>85,045,534</b>

**Project Name** Helicopter Maintenance  
**Project Number** PD04026  
**Division Priority** 3

**Project Description / Justification:**

This project will provide funding for maintenance repair work for Air 3 (2004 Eurocopter) that is due for its 12 year mandatory inspection & 15 year engine overhaul.

**Operating Budget Impact:**

None

**Project Detail - Current Year**

	Carry Forward	FY 2017
<b>Revenue Sources</b>		
General Obligation Bonds	0	1,000,000
<b>Total Revenues</b>	<b>0</b>	<b>1,000,000</b>
<b>Expenditure Types</b>		
Other Cost	0	1,000,000
<b>Total Expenditures</b>	<b>0</b>	<b>1,000,000</b>

**Project Detail - 5 Year Summary**

	Carry Forward	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
<b>Revenue Sources</b>							
General Obligation Bonds	0	1,000,000	0	0	0	0	1,000,000
<b>Total Revenues</b>	<b>0</b>	<b>1,000,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,000,000</b>
<b>Expenditure Types</b>							
Other Cost	0	1,000,000	0	0	0	0	1,000,000
<b>Total Expenditures</b>	<b>0</b>	<b>1,000,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,000,000</b>

**Project Name** Firestone Station

**Project Number** PD02006

**Division Priority** 4

**Project Description / Justification:**

This project will provide funding for the construction of a full-service precinct facility to serve the Downtown operational area ultimately replacing South Main Station. This building, in conjunction with Hope VI in the Legends Park and Firestone Redevelopment districts, will provide resources for the community in this critical area.

**Operating Budget Impact:**

None

**Project Detail - 5 Year Summary**

	Carry Forward	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
<b>Revenue Sources</b>							
General Obligation Bonds	0	0	733,000	6,240,000	1,300,000	0	8,273,000
<b>Total Revenues</b>	<b>0</b>	<b>0</b>	<b>733,000</b>	<b>6,240,000</b>	<b>1,300,000</b>	<b>0</b>	<b>8,273,000</b>
<b>Expenditure Types</b>							
Engineering - Architecture	0	0	733,000	0	0	0	733,000
Contract Construction	0	0	0	6,240,000	0	0	6,240,000
Furniture, Fixtures & Equipment	0	0	0	0	600,000	0	600,000
Information Technology	0	0	0	0	700,000	0	700,000
<b>Total Expenditures</b>	<b>0</b>	<b>0</b>	<b>733,000</b>	<b>6,240,000</b>	<b>1,300,000</b>	<b>0</b>	<b>8,273,000</b>

**Project Name** Police Academy Renovation

**Project Number** PD01006

**Division Priority** 5

**Project Description / Justification:**

This project encompasses the continued renovation of the MPD Training Academy with additional office space and classrooms to accommodate increasing numbers of staff and officers that must be trained throughout the year to meet P.O.S.T. Certification requirements.

**Operating Budget Impact:**

None

**Project Detail - 5 Year Summary**

	Carry Forward	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
<b>Revenue Sources</b>							
General Obligation Bonds	0	0	598,000	4,888,000	1,622,000	2,985,000	10,093,000
<b>Total Revenues</b>	<b>0</b>	<b>0</b>	<b>598,000</b>	<b>4,888,000</b>	<b>1,622,000</b>	<b>2,985,000</b>	<b>10,093,000</b>
<b>Expenditure Types</b>							
Engineering - Architecture	0	0	598,000	151,000	312,000	156,000	1,217,000
Contract Construction	0	0	0	4,368,000	1,248,000	2,496,000	8,112,000
Furniture, Fixtures & Equipment	0	0	0	312,000	50,000	270,000	632,000
Information Technology	0	0	0	57,000	12,000	63,000	132,000
<b>Total Expenditures</b>	<b>0</b>	<b>0</b>	<b>598,000</b>	<b>4,888,000</b>	<b>1,622,000</b>	<b>2,985,000</b>	<b>10,093,000</b>

**Project Name** Mount Moriah Station

**Project Number** PD02009

**Division Priority** 6

**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. Due to IBC 2009 Seismic Upgrades, costs have the potential to increase 15% to 25% in the construction phase. In forecasting this project's cost, a 15% adjustment was used.

**Operating Budget Impact:**

Budget Impact is neutral.

**Project Detail - 5 Year Summary**

	Carry Forward	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
<b>Revenue Sources</b>							
General Obligation Bonds	0	0	0	832,000	6,864,000	1,456,000	9,152,000
<b>Total Revenues</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>832,000</b>	<b>6,864,000</b>	<b>1,456,000</b>	<b>9,152,000</b>
<b>Expenditure Types</b>							
Engineering - Architecture	0	0	0	832,000	0	0	832,000
Contract Construction	0	0	0	0	6,864,000	0	6,864,000
Furniture, Fixtures & Equipment	0	0	0	0	0	676,000	676,000
Information Technology	0	0	0	0	0	780,000	780,000
<b>Total Expenditures</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>832,000</b>	<b>6,864,000</b>	<b>1,456,000</b>	<b>9,152,000</b>

**Project Name** 911 Facility  
**Project Number** PD04009  
**Division Priority** 7

**Project Description / Justification:**

This project provides funding for furniture and equipment for 911 calltakers and communications employees of Memphis Police. This project is required due to the functional obsolescence of our current space and equipment. The need for both secure and modern communications facilities has never been more critical.

**Operating Budget Impact:**

Because this intended be a joint use facility, negotiations will have to occur with end users to accommodate budgeting.

**Project Detail - 5 Year Summary**

	Carry Forward	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
<b>Revenue Sources</b>							
General Obligation Bonds	0	0	0	676,000	5,408,000	9,204,000	15,288,000
<b>Total Revenues</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>676,000</b>	<b>5,408,000</b>	<b>9,204,000</b>	<b>15,288,000</b>
<b>Expenditure Types</b>							
Engineering - Architecture	0	0	0	676,000	0	0	676,000
Contract Construction	0	0	0	0	5,408,000	0	5,408,000
Furniture, Fixtures & Equipment	0	0	0	0	0	884,000	884,000
Information Technology	0	0	0	0	0	8,320,000	8,320,000
<b>Total Expenditures</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>676,000</b>	<b>5,408,000</b>	<b>9,204,000</b>	<b>15,288,000</b>



**Project Name** Raines Station

**Project Number** PD02010

**Division Priority** 8

**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.

**Operating Budget Impact:**

Budget Neutral/Replacement of existing operation

**Project Detail - 5 Year Summary**

	Carry Forward	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
<b>Revenue Sources</b>							
General Obligation Bonds	0	0	0	852,800	7,280,000	0	8,132,800
<b>Total Revenues</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>852,800</b>	<b>7,280,000</b>	<b>0</b>	<b>8,132,800</b>
<b>Expenditure Types</b>							
Engineering - Architecture	0	0	0	852,800	0	0	852,800
Contract Construction	0	0	0	0	7,280,000	0	7,280,000
<b>Total Expenditures</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>852,800</b>	<b>7,280,000</b>	<b>0</b>	<b>8,132,800</b>

**Project Name** Purchase Helicopter

**Project Number** PD04003

**Division Priority** 9

**Project Description / Justification:**

This project provides funding for the routine replacement of helicopters that is necessary as a result of the number of flight hours accumulated on the aircraft. Replacement and overhaul schedules are regulated by the FAA. Funding of this purchase will begin a schedule to replace the smaller units with a different model because their production has been discontinued.

**Operating Budget Impact:**

None, replacement vehicle of similar operating costs.

**Project Detail - 5 Year Summary**

	Carry Forward	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
<b>Revenue Sources</b>							
General Obligation Bonds	0	0	0	3,016,000	0	0	3,016,000
<b>Total Revenues</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3,016,000</b>	<b>0</b>	<b>0</b>	<b>3,016,000</b>
<b>Expenditure Types</b>							
Other Cost	0	0	0	3,016,000	0	0	3,016,000
<b>Total Expenditures</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3,016,000</b>	<b>0</b>	<b>0</b>	<b>3,016,000</b>

**Project Name** Expand Vehicle/Evidence/Crime  
**Project Number** PD04001  
**Division Priority** 10

**Project Description / Justification:**

This project provides funding for phases of construction beginning with an entry boulevard from Hwy 51 for Police and Fire Academies and associated buildings. The next phase is the construction of MPD Property and Evidence Storage followed by Crime Scene, the new Vehicle Storage lot, then ending with a TACT Unit facility. All phases are part of the Academy Master Plan to utilize existing sites for construction.

**Operating Budget Impact:**

No impact, budget neutral.

**Project Detail - 5 Year Summary**

	Carry Forward	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
<b>Revenue Sources</b>							
General Obligation Bonds	0	0	0	1,123,200	421,200	4,712,240	6,256,640
<b>Total Revenues</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,123,200</b>	<b>421,200</b>	<b>4,712,240</b>	<b>6,256,640</b>
<b>Expenditure Types</b>							
Engineering - Architecture	0	0	0	124,800	421,200	556,400	1,102,400
Contract Construction	0	0	0	998,400	0	3,494,400	4,492,800
Furniture, Fixtures & Equipment	0	0	0	0	0	374,400	374,400
Information Technology	0	0	0	0	0	287,040	287,040
<b>Total Expenditures</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,123,200</b>	<b>421,200</b>	<b>4,712,240</b>	<b>6,256,640</b>

**Project Name** Shot Spotter Technology  
**Project Number** PD04027  
**Division Priority** 11

**Project Description / Justification:**

This project will provide funding for a system of sensors installed in a specific area that are able to detect gunfire and send notification to a central monitoring station who will analyze the information, then will contact MPD dispatch to direct officers to the area of concern.

**Operating Budget Impact:**

None

**Project Detail - Current Year**

	Carry Forward	FY 2017
<b>Revenue Sources</b>		
General Obligation Bonds	0	650,000
<b>Total Revenues</b>	<b>0</b>	<b>650,000</b>
<b>Expenditure Types</b>		
Information Technology	0	650,000
<b>Total Expenditures</b>	<b>0</b>	<b>650,000</b>

**Project Detail - 5 Year Summary**

	Carry Forward	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
<b>Revenue Sources</b>							
General Obligation Bonds	0	650,000	0	0	0	0	650,000
<b>Total Revenues</b>	<b>0</b>	<b>650,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>650,000</b>
<b>Expenditure Types</b>							
Information Technology	0	650,000	0	0	0	0	650,000
<b>Total Expenditures</b>	<b>0</b>	<b>650,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>650,000</b>

	Carry Forward	FY 2017
<b>Revenue Sources</b>		
General Obligation Bonds	19,369,742	22,427,500
Federal Grants CIP	75,219,689	2,159,000
State Grants All	8,597,000	0
Local Other CIP	1,019,770	0
<b>Total Revenues</b>	<b>104,206,201</b>	<b>24,586,500</b>
<b>Expenditure Types</b>		
Engineering - Architecture	15,065,130	2,013,500
Land Acquisition	17,426,093	0
Furniture, Fixtures & Equipment	0	105,000
Other Costs	1,000,000	0
Contract Construction	70,714,978	22,468,000
<b>Total Expenditures</b>	<b>104,206,201</b>	<b>24,586,500</b>

# CIP 2017 DIVISION SUMMARY

# PUBLIC WORKS

	Carry Forward	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
<b>Revenue Sources</b>							
General Obligation Bonds	19,369,742	22,427,500	32,021,824	37,758,200	22,020,469	27,641,000	161,238,735
Federal Grants CIP	75,219,689	2,159,000	16,902,000	4,829,800	7,161,876	25,080,000	131,352,365
State Grants All	8,597,000	0	0	0	0	0	8,597,000
Local Other CIP	1,019,770	0	0	0	0	0	1,019,770
<b>Total Revenues</b>	<b>104,206,201</b>	<b>24,586,500</b>	<b>48,923,824</b>	<b>42,588,000</b>	<b>29,182,345</b>	<b>52,721,000</b>	<b>302,207,870</b>
<b>Expenditure Types</b>							
Engineering - Architecture	15,065,130	2,013,500	8,686,000	3,476,000	1,530,000	1,570,000	32,340,630
Land Acquisition	17,426,093	0	3,842,000	742,000	0	0	22,010,093
Furniture, Fixtures & Equipment	0	105,000	0	0	0	0	105,000
Other Costs	1,000,000	0	0	0	0	0	1,000,000
Contract Construction	70,714,978	22,468,000	36,395,824	38,370,000	27,652,345	51,151,000	246,752,147
<b>Total Expenditures</b>	<b>104,206,201</b>	<b>24,586,500</b>	<b>48,923,824</b>	<b>42,588,000</b>	<b>29,182,345</b>	<b>52,721,000</b>	<b>302,207,870</b>



# CIP SUMMARY BY PROJECT

# PUBLIC WORKS

Division Priority	Project Number	Project Name	Carry Forward	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
1	PW17500	FY'17 Sidewalk Replc Coverline	0	500,000	500,000	500,000	500,000	500,000	2,500,000
2	PW17200	FY'17 ADA Curb Ramp Coverline	0	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	12,500,000
3	PW17100	FY'17 Asphalt Paving Coverline	0	16,500,000	16,500,000	16,500,000	16,500,000	16,500,000	82,500,000
4	PW17300	FY'17 STP Repaving Coverline	0	500,000	500,000	500,000	500,000	500,000	2,500,000
5	PW17400	FY'17 STP Bike/Ped Coverline	0	62,500	100,000	100,000	100,000	100,000	462,500
6	PW01253	Repair 14 Bridges Sam Cooper	332,000	2,919,000	0	0	0	0	3,251,000
7	PW01122	Getwell-Stateline to Shelby	0	0	150,000	3,300,000	0	0	3,450,000
8	PW01125	Tchulahoma/State/Morning	0	0	250,000	2,550,000	130,000	1,270,000	4,200,000
9	PW01147	Malone/Holmes to Shelby	0	0	350,000	4,150,000	0	0	4,500,000
10	PW01127	Pleasant Hill Shelby Holmes	0	0	50,000	1,300,000	0	0	1,350,000
11	PW01087	Holmes Rd/S 3rd/Horn Lake	440,000	0	5,650,000	5,150,000	0	0	11,240,000
12	PW01062	Shelby Dr/Pidgeon/Weaver	0	0	2,220,000	0	0	0	2,220,000
13	PW01056	Holmes-Millbranch to East	2,005,000	0	12,997,000	0	0	0	15,002,000
14	PW01058	Walnut Gr/Bend/Rocky Pt	5,355,000	0	0	0	8,952,345	0	14,307,345
15	PW01059	Forest Hill/Irene/Walnut Gr	10,204,379	0	2,342,000	0	0	6,391,000	18,937,379
16	PW02034	STP Bridge Repair @ Var Loc	994,040	0	0	0	0	0	994,040
17	PW04094	Walker Avenue Streetscape	34,641	0	0	0	0	0	34,641
18	PW01258	ROW Utility Usage Study	700,000	0	0	0	0	0	700,000
19	PW01252	Repair Brooks Rd Bridge	1,447,000	0	0	0	0	0	1,447,000
20	PW01254	STP Grp 5 Resurfacing	8,106,500	0	0	0	0	0	8,106,500
21	PW01257	Shelby Farms Greenline Trail	369,500	0	250,000	4,500,000	0	0	5,119,500
22	PW01262	Patterson Realignment	2,081,091	0	0	0	0	0	2,081,091
23	PW01260	Sandbrook Realignment	500,000	0	0	0	0	0	500,000
24	PW04103	Walker Ave. Streetscape Ph. 2	525,075	0	543,824	0	0	0	1,068,899
25	PW04102	Riverdale Relocation	114,215	0	0	0	0	0	114,215
26	PW04037	Pathological Incinerator	0	0	700,000	0	0	0	700,000
27	PW01052	Walnut Gr/Wolf/G'town	0	0	200,000	796,000	0	9,960,000	10,956,000
28	PW01174	Kirby Pkwy/Walnut Gr to Macon	2,944,000	0	3,121,000	742,000	0	15,000,000	21,807,000



# CIP SUMMARY BY PROJECT

# PUBLIC WORKS

Division Priority	Project Number	Project Name	Carry Forward	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
29	PW01179	Holmes Road East Malone- Lamar	14,612,760	0	0	0	0	0	14,612,760
30	PW01269	Vollintine Evergreen Comm Assc	210,000	0	0	0	0	0	210,000
31	PW01064	Elvis Presley/Shelby/Winch	35,939,087	0	0	0	0	0	35,939,087
32	PW04115	Trash Receptables	0	105,000	0	0	0	0	105,000
33	PW04114	Southbrook Mall Infrastructure	0	1,500,000	0	0	0	0	1,500,000
34	PW04097	Blight-Crosstown	1,000,000	0	0	0	0	0	1,000,000
35	PW01023	Second/I-40/Cedar	15,344,593	0	0	0	0	0	15,344,593
36	PW01245	STP Bike/Ped Group	916,120	0	0	0	0	0	916,120
37	PW01256	Overton Park Trail	31,200	0	0	0	0	0	31,200
<b>Total</b>			<b>104,206,201</b>	<b>24,586,500</b>	<b>48,923,824</b>	<b>42,588,000</b>	<b>29,182,345</b>	<b>52,721,000</b>	<b>302,207,870</b>





**Project Name** FY'17 Sidewalk Replc Coverline

**Project Number** PW17500

**Division Priority** 1

**Project Description / Justification:**

Replace sidewalks where property owners have not complied with sidewalk repair notices and/or public sidewalks adjacent to City properties. Property owners will have an assessment added to their property tax to reimburse City expenses.

**Operating Budget Impact:**

None.

**Project Detail - Current Year**

	Carry Forward	FY 2017
<b>Revenue Sources</b>		
General Obligation Bonds	0	500,000
<b>Total Revenues</b>	<b>0</b>	<b>500,000</b>
<b>Expenditure Types</b>		
Engineering - Architecture	0	500,000
<b>Total Expenditures</b>	<b>0</b>	<b>500,000</b>

**Project Detail - 5 Year Summary**

	Carry Forward	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
<b>Revenue Sources</b>							
General Obligation Bonds	0	500,000	500,000	500,000	500,000	500,000	2,500,000
<b>Total Revenues</b>	<b>0</b>	<b>500,000</b>	<b>500,000</b>	<b>500,000</b>	<b>500,000</b>	<b>500,000</b>	<b>2,500,000</b>
<b>Expenditure Types</b>							
Engineering - Architecture	0	500,000	500,000	500,000	500,000	500,000	2,500,000
<b>Total Expenditures</b>	<b>0</b>	<b>500,000</b>	<b>500,000</b>	<b>500,000</b>	<b>500,000</b>	<b>500,000</b>	<b>2,500,000</b>

**Project Name** FY'17 ADA Curb Ramp Coverline

**Project Number** PW17200

**Division Priority** 2

**Project Description / Justification:**

This project is for installation of curb ramps on corners at intersections throughout the City as required by the Americans with Disabilities Act.

**Operating Budget Impact:**

None.

**Project Detail - Current Year**

	Carry Forward	FY 2017
<b>Revenue Sources</b>		
General Obligation Bonds	0	2,500,000
<b>Total Revenues</b>	<b>0</b>	<b>2,500,000</b>
<b>Expenditure Types</b>		
Contract Construction	0	2,500,000
<b>Total Expenditures</b>	<b>0</b>	<b>2,500,000</b>

**Project Detail - 5 Year Summary**

	Carry Forward	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
<b>Revenue Sources</b>							
General Obligation Bonds	0	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	12,500,000
<b>Total Revenues</b>	<b>0</b>	<b>2,500,000</b>	<b>2,500,000</b>	<b>2,500,000</b>	<b>2,500,000</b>	<b>2,500,000</b>	<b>12,500,000</b>
<b>Expenditure Types</b>							
Contract Construction	0	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	12,500,000
<b>Total Expenditures</b>	<b>0</b>	<b>2,500,000</b>	<b>2,500,000</b>	<b>2,500,000</b>	<b>2,500,000</b>	<b>2,500,000</b>	<b>12,500,000</b>

# CIP 2017 DETAIL BY PROJECT

# PUBLIC WORKS

**Project Name** FY'17 Asphalt Paving Coverline

**Project Number** PW17100

**Division Priority** 3

**Project Description / Justification:**

This project funds the asphalt paving activities performed or contracted by the City.

**Operating Budget Impact:**

None.

### Project Detail - Current Year

	Carry Forward	FY 2017
<b>Revenue Sources</b>		
General Obligation Bonds	0	16,500,000
<b>Total Revenues</b>	<b>0</b>	<b>16,500,000</b>
<b>Expenditure Types</b>		
Engineering-Architecture	0	400,000
Contract Construction	0	16,100,000
<b>Total Expenditures</b>	<b>0</b>	<b>16,500,000</b>

### Project Detail - 5 Year Summary

	Carry Forward	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
<b>Revenue Sources</b>							
General Obligation Bonds	0	16,500,000	16,500,000	16,500,000	16,500,000	16,500,000	82,500,000
<b>Total Revenues</b>	<b>0</b>	<b>16,500,000</b>	<b>16,500,000</b>	<b>16,500,000</b>	<b>16,500,000</b>	<b>16,500,000</b>	<b>82,500,000</b>
<b>Expenditure Types</b>							
Engineering-Architecture	0	400,000	400,000	400,000	400,000	400,000	2,000,000
Contract Construction	0	16,100,000	16,100,000	16,100,000	16,100,000	16,100,000	80,500,000
<b>Total Expenditures</b>	<b>0</b>	<b>16,500,000</b>	<b>16,500,000</b>	<b>16,500,000</b>	<b>16,500,000</b>	<b>16,500,000</b>	<b>82,500,000</b>



**Project Name** FY'17 STP Repaving Coverline  
**Project Number** PW17300  
**Division Priority** 4

**Project Description / Justification:**

This project is for preventative maintenance paving activities and divided into two groups STP Group 4 and STP Group 6.

**Operating Budget Impact:**

None.

**Project Detail - Current Year**

	Carry Forward	FY 2017
<b>Revenue Sources</b>		
General Obligation Bonds	0	500,000
<b>Total Revenues</b>	<b>0</b>	<b>500,000</b>
<b>Expenditure Types</b>		
Engineering - Architecture	0	500,000
<b>Total Expenditures</b>	<b>0</b>	<b>500,000</b>

**Project Detail - 5 Year Summary**

	Carry Forward	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
<b>Revenue Sources</b>							
General Obligation Bonds	0	500,000	500,000	500,000	500,000	500,000	2,500,000
<b>Total Revenues</b>	<b>0</b>	<b>500,000</b>	<b>500,000</b>	<b>500,000</b>	<b>500,000</b>	<b>500,000</b>	<b>2,500,000</b>
<b>Expenditure Types</b>							
Engineering - Architecture	0	500,000	500,000	500,000	500,000	500,000	2,500,000
<b>Total Expenditures</b>	<b>0</b>	<b>500,000</b>	<b>500,000</b>	<b>500,000</b>	<b>500,000</b>	<b>500,000</b>	<b>2,500,000</b>

**Project Name** FY'17 STP Bike/Ped Coverline  
**Project Number** PW17400  
**Division Priority** 5

**Project Description / Justification:**  
 MPO Bike and Pedestrian Plan. (Wolf River Greenway Phase 15, SR-57 Poplar Ave Pedestrian Safety)

**Operating Budget Impact:**  
 None.

**Project Detail - Current Year**

	Carry Forward	FY 2017
<b>Revenue Sources</b>		
General Obligation Bonds	0	62,500
<b>Total Revenues</b>	<b>0</b>	<b>62,500</b>
<b>Expenditure Types</b>		
Engineering - Architecture	0	62,500
<b>Total Expenditures</b>	<b>0</b>	<b>62,500</b>

**Project Detail - 5 Year Summary**

	Carry Forward	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
<b>Revenue Sources</b>							
General Obligation Bonds	0	62,500	100,000	100,000	100,000	100,000	462,500
<b>Total Revenues</b>	<b>0</b>	<b>62,500</b>	<b>100,000</b>	<b>100,000</b>	<b>100,000</b>	<b>100,000</b>	<b>462,500</b>
<b>Expenditure Types</b>							
Engineering - Architecture	0	62,500	100,000	100,000	100,000	100,000	462,500
<b>Total Expenditures</b>	<b>0</b>	<b>62,500</b>	<b>100,000</b>	<b>100,000</b>	<b>100,000</b>	<b>100,000</b>	<b>462,500</b>

**Project Name** Repair 14 Bridges Sam Cooper  
**Project Number** PW01253  
**Division Priority** 6

**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 and bridges are to be repainted.

**Operating Budget Impact:**

None.

**Project Detail - Current Year**

	Carry Forward	FY 2017
<b>Revenue Sources</b>		
General Obligation Bonds	67,000	760,000
Federal Grants CIP	265,000	2,159,000
<b>Total Revenues</b>	<b>332,000</b>	<b>2,919,000</b>
<b>Expenditure Types</b>		
Engineering - Architecture	332,000	301,000
Contract Construction	0	2,618,000
<b>Total Expenditures</b>	<b>332,000</b>	<b>2,919,000</b>

**Project Detail - 5 Year Summary**

	Carry Forward	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
<b>Revenue Sources</b>							
General Obligation Bonds	67,000	760,000	0	0	0	0	827,000
Federal Grants CIP	265,000	2,159,000	0	0	0	0	2,424,000
<b>Total Revenues</b>	<b>332,000</b>	<b>2,919,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3,251,000</b>
<b>Expenditure Types</b>							
Engineering - Architecture	332,000	301,000	0	0	0	0	633,000
Contract Construction	0	2,618,000	0	0	0	0	2,618,000
<b>Total Expenditures</b>	<b>332,000</b>	<b>2,919,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3,251,000</b>

**Project Name** Getwell-Stateline to Shelby  
**Project Number** PW01122  
**Division Priority** 7

**Project Description / Justification:**

This project provides funds for the widening of the remaining sections of Getwell Road between Stateline and Shelby Drive. This project is associated with the Southeast Annexation Area. This project will provide a seven-lane section for the roadway. Carry forward balance of FY16 funds.

**Operating Budget Impact:**

None

**Project Detail - 5 Year Summary**

	Carry Forward	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
<b>Revenue Sources</b>							
General Obligation Bonds	0	0	150,000	3,300,000	0	0	3,450,000
<b>Total Revenues</b>	<b>0</b>	<b>0</b>	<b>150,000</b>	<b>3,300,000</b>	<b>0</b>	<b>0</b>	<b>3,450,000</b>
<b>Expenditure Types</b>							
Engineering - Architecture	0	0	0	120,000	0	0	120,000
Land Acquisition	0	0	150,000	0	0	0	150,000
Contract Construction	0	0	0	3,180,000	0	0	3,180,000
<b>Total Expenditures</b>	<b>0</b>	<b>0</b>	<b>150,000</b>	<b>3,300,000</b>	<b>0</b>	<b>0</b>	<b>3,450,000</b>

**Project Name** Tchulahoma/State/Morning

**Project Number** PW01125

**Division Priority** 8

**Project Description / Justification:**

This project provides funds for improvements to Tchulahoma Road from Stateline to Morning View Drive. It will provide improve safety and increased capacity for anticipated growth in Southeast Memphis. This project is associated with the Southeast Annexation area. Phase I will construct from the Stateline to Holmes Road. Phase II will construct from Holmes Rd to Morning View Drive. Carry forward balance of FY16 funds.

**Operating Budget Impact:**

None

**Project Detail - 5 Year Summary**

	Carry Forward	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
<b>Revenue Sources</b>							
General Obligation Bonds	0	0	250,000	2,550,000	130,000	1,270,000	4,200,000
<b>Total Revenues</b>	<b>0</b>	<b>0</b>	<b>250,000</b>	<b>2,550,000</b>	<b>130,000</b>	<b>1,270,000</b>	<b>4,200,000</b>
<b>Expenditure Types</b>							
Engineering - Architecture	0	0	0	150,000	30,000	70,000	250,000
Land Acquisition	0	0	250,000	0	0	0	250,000
Contract Construction	0	0	0	2,400,000	100,000	1,200,000	3,700,000
<b>Total Expenditures</b>	<b>0</b>	<b>0</b>	<b>250,000</b>	<b>2,550,000</b>	<b>130,000</b>	<b>1,270,000</b>	<b>4,200,000</b>



**Project Name** Malone/Holmes to Shelby  
**Project Number** PW01147  
**Division Priority** 9

**Project Description / Justification:**

This project provides funds for widening Malone Road to 84' ROW and 64' pavement, five lane section. This project is associated with the Southeast Annexation area. Carry forward balance of FY16 funds.

**Operating Budget Impact:**

None

**Project Detail - 5 Year Summary**

	Carry Forward	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
<b>Revenue Sources</b>							
General Obligation Bonds	0	0	350,000	4,150,000	0	0	4,500,000
<b>Total Revenues</b>	<b>0</b>	<b>0</b>	<b>350,000</b>	<b>4,150,000</b>	<b>0</b>	<b>0</b>	<b>4,500,000</b>
<b>Expenditure Types</b>							
Engineering - Architecture	0	0	0	170,000	0	0	170,000
Land Acquisition	0	0	350,000	0	0	0	350,000
Contract Construction	0	0	0	3,980,000	0	0	3,980,000
<b>Total Expenditures</b>	<b>0</b>	<b>0</b>	<b>350,000</b>	<b>4,150,000</b>	<b>0</b>	<b>0</b>	<b>4,500,000</b>

**Project Name** Pleasant Hill Shelby Holmes

**Project Number** PW01127

**Division Priority** 10

**Project Description / Justification:**

This project provides funds for widening the remaining sections of Pleasant Hill from Shelby Drive to Holmes Road. This is associated with the Southeast Annexation area. This project will provide a seven-lane section for the roadway. Carry forward balance of FY16 funds.

**Operating Budget Impact:**

None

**Project Detail - 5 Year Summary**

	Carry Forward	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
<b>Revenue Sources</b>							
General Obligation Bonds	0	0	50,000	1,300,000	0	0	1,350,000
<b>Total Revenues</b>	<b>0</b>	<b>0</b>	<b>50,000</b>	<b>1,300,000</b>	<b>0</b>	<b>0</b>	<b>1,350,000</b>
<b>Expenditure Types</b>							
Land Acquisition	0	0	50,000	50,000	0	0	100,000
Contract Construction	0	0	0	1,250,000	0	0	1,250,000
<b>Total Expenditures</b>	<b>0</b>	<b>0</b>	<b>50,000</b>	<b>1,300,000</b>	<b>0</b>	<b>0</b>	<b>1,350,000</b>

**Project Name** Holmes Rd/S 3rd/Horn Lake

**Project Number** PW01087

**Division Priority** 11

**Project Description / Justification:**

This project provides funds for a continuation of improvements along Holmes Road that will widen the street to a five-lane cross-section. Residential development is taking place along this western section of Holmes Rd. The vertical geometry needs improvements that provide adequate sight distance for intersecting residential streets. Carry forward balance of FY16 funds.

**Operating Budget Impact:**

None

**Project Detail - 5 Year Summary**

	Carry Forward	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
<b>Revenue Sources</b>							
General Obligation Bonds	0	0	5,650,000	5,150,000	0	0	10,800,000
Federal Grants	440,000	0	0	0	0	0	440,000
<b>Total Revenues</b>	<b>440,000</b>	<b>0</b>	<b>5,650,000</b>	<b>5,150,000</b>	<b>0</b>	<b>0</b>	<b>11,240,000</b>
<b>Expenditure Types</b>							
Engineering - Architecture	440,000	0	150,000	150,000	0	0	740,000
Land Acquisition	0	0	500,000	0	0	0	500,000
Contract Construction	0	0	5,000,000	5,000,000	0	0	10,000,000
<b>Total Expenditures</b>	<b>440,000</b>	<b>0</b>	<b>5,650,000</b>	<b>5,150,000</b>	<b>0</b>	<b>0</b>	<b>11,240,000</b>

**Project Name** Shelby Dr/Pidgeon/Weaver  
**Project Number** PW01062  
**Division Priority** 12

**Project Description / Justification:**

This project provides funds for the construction of five street lanes that include the following types of lanes on Shelby Drive from Weaver Rd to existing Riverport Road: curb/gutter, sidewalk and underground drainage. This project connects the improved sections of Shelby Drive east of Weaver Road to Pidgeon Industrial Park. This project provides secondary access to the south end of the industrial park which in turn should encourage the continued development of Pidgeon Industrial Park. This project also includes two railroad overpasses. Carry forward balance of FY16 funds.

**Operating Budget Impact:**  
 None

**Project Detail - 5 Year Summary**

	Carry Forward	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
<b>Revenue Sources</b>							
General Obligation Bonds	0	0	444,000	0	0	0	444,000
Federal Grants CIP	0	0	1,776,000	0	0	0	1,776,000
<b>Total Revenues</b>	<b>0</b>	<b>0</b>	<b>2,220,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2,220,000</b>
<b>Expenditure Types</b>							
Engineering - Architecture	0	0	2,220,000	0	0	0	2,220,000
<b>Total Expenditures</b>	<b>0</b>	<b>0</b>	<b>2,220,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2,220,000</b>

**Project Name** Holmes-Millbranch to East

**Project Number** PW01056

**Division Priority** 13

**Project Description / Justification:**

This project provides funds for the widening of Holmes Road to seven lanes from Millbranch to Tchulahoma. Holmes is a major east-west corridor across Shelby County. Substantial growth is anticipated along this corridor and plans should be developed to address the growth in this corridor as it occurs. Carry forward balance of FY16 funds.

**Operating Budget Impact:**

None

**Project Detail - 5 Year Summary**

	Carry Forward	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
<b>Revenue Sources</b>							
General Obligation Bonds	402,000	0	2,600,000	0	0	0	3,002,000
Federal Grants CIP	1,603,000	0	10,397,000	0	0	0	12,000,000
<b>Total Revenues</b>	<b>2,005,000</b>	<b>0</b>	<b>12,997,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>15,002,000</b>
<b>Expenditure Types</b>							
Engineering - Architecture	1,000	0	1,300,000	0	0	0	13,001,000
Contract Construction	2,004,000	0	11,697,000	0	0	0	13,701,000
<b>Total Expenditures</b>	<b>2,005,000</b>	<b>0</b>	<b>12,997,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>15,702,000</b>

**Project Name** Walnut Gr/Bend/Rocky Pt  
**Project Number** PW01058  
**Division Priority** 14

**Project Description / Justification:**

This project provides funds for improvements to Walnut Grove from Walnut Bend to Rocky Point, creating seven lanes and six lanes with median throughout this section. The improvements will correct vertical and horizontal alignment deficiencies to accommodate traffic demands resulting from increased development and will improve safety by addressing several substandard curves. Also includes the re-alignment of Walnut Grove/Rocky Point intersection. Carry forward balance FY16 funds.

**Operating Budget Impact:**

None

**Project Detail - 5 Year Summary**

	Carry Forward	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
<b>Revenue Sources</b>							
General Obligation Bonds	1,071,000	0	0	0	1,790,469	0	2,861,469
Federal Grants CIP	3,159,000	0	0	0	7,161,876	0	10,320,876
State Grants All	1,125,000	0	0	0	0	0	1,125,000
<b>Total Revenues</b>	<b>5,355,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>8,952,345</b>	<b>0</b>	<b>14,307,345</b>
<b>Expenditure Types</b>							
Contract Construction	5,355,000	0	0	0	8,952,345	0	14,307,345
<b>Total Expenditures</b>	<b>5,355,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>8,952,345</b>	<b>0</b>	<b>14,307,345</b>

**Project Name** Forest Hill/Irene/Walnut Gr

**Project Number** PW01059

**Division Priority** 15

**Project Description / Justification:**

This project provides funds for improvements in pavement, curb, gutter, sidewalks, bike lane, and underground drainage along new alignment. Forest Hill-Irene is proposed as a major north-south arterial roadway in the growing Cordova area. Continuous development is creating increased demand on area facilities that were designed for rural conditions. This project extends from Walnut Grove to the City limits, north of Rocky Point and ties into Trinity Road. Carry forward balance FY16 funds.

**Operating Budget Impact:**

None

**Project Detail - 5 Year Summary**

	Carry Forward	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
<b>Revenue Sources</b>							
General Obligation Bonds	509,000	0	469,000	0	0	1,279,000	2,257,000
Federal Grants CIP	9,695,379	0	1,873,000	0	0	5,112,000	16,680,379
<b>Total Revenues</b>	<b>10,204,379</b>	<b>0</b>	<b>2,342,000</b>	<b>0</b>	<b>0</b>	<b>6,391,000</b>	<b>18,937,379</b>
<b>Expenditure Types</b>							
Engineering - Architecture	2,963,016	0	0	0	0	0	2,963,016
Land Acquisition	2,543,000	0	2,342,000	0	0	0	4,885,000
Contract Construction	4,698,363	0	0	0	0	6,391,000	11,089,363
<b>Total Expenditures</b>	<b>10,204,379</b>	<b>0</b>	<b>2,342,000</b>	<b>0</b>	<b>0</b>	<b>6,391,000</b>	<b>18,937,379</b>

**Project Name** STP Bridge Repair @ Var Loc

**Project Number** PW02034

**Division Priority** 16

**Project Description / Justification:**

To repair and upgrade Bridges rated poor of deficient by TDOT. Bridges include; Highland/Wolfriver, Mitchell/ICRR. Plough/Winchester. Carry forward balance of FY '16 funds.

**Operating Budget Impact:**

None.

**Project Detail - 5 Year Summary**

	Carry Forward	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
<b>Revenue Sources</b>							
General Obligation Bonds	114,040	0	0	0	0	0	114,040
Federal Grants CIP	880,000	0	0	0	0	0	880,000
<b>Total Revenues</b>	<b>994,040</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>994,040</b>
<b>Expenditure Types</b>							
Engineering - Architecture	552,040	0	0	0	0	0	552,040
Contract Construction	442,000	0	0	0	0	0	442,000
<b>Total Expenditures</b>	<b>994,040</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>994,040</b>



**Project Name** Walker Avenue Streetscape

**Project Number** PW04094

**Division Priority** 17

**Project Description / Justification:**

This project provides improved pedestrian access, bike facilities near the University of Memphis between highland and the intersection of Walker with the extension of Southern from the west. Carry forward balance of FY'16 funds.

**Operating Budget Impact:**

None.

**Project Detail - 5 Year Summary**

	Carry Forward	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
<b>Revenue Sources</b>							
General Obligation Bonds	34,199	0	0	0	0	0	34,199
Federal Grants CIP	442	0	0	0	0	0	442
<b>Total Revenues</b>	<b>34,641</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>34,641</b>
<b>Expenditure Types</b>							
Engineering - Architecture	33,849	0	0	0	0	0	33,849
Contract Construction	792	0	0	0	0	0	792
<b>Total Expenditures</b>	<b>34,641</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>34,641</b>

**Project Name** ROW Utility Usage Study  
**Project Number** PW01258  
**Division Priority** 18

**Project Description / Justification:**

Funds the studies for the ROW Cost Allocation and Utility/Facility Usage and the Transportation Utility Fee. These are Council driven initiatives which are exploring alternatives funding mechanisms for transportation related items and a replacement for the Franchise fees. Carry forward balance of FY '16.

**Operating Budget Impact:**

None.

**Project Detail - 5 Year Summary**

	Carry Forward	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
<b>Revenue Sources</b>							
General Obligation Bonds	700,000	0	0	0	0	0	700,000
<b>Total Revenues</b>	<b>700,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>700,000</b>
<b>Expenditure Types</b>							
Engineering - Architecture	700,000	0	0	0	0	0	700,000
<b>Total Expenditures</b>	<b>700,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>700,000</b>

**Project Name** Repair Brooks Rd Bridge

**Project Number** PW01252

**Division Priority** 19

**Project Description / Justification:**

The purpose of this project is to repair the Brooks Road Bridge over Days Creek which was damaged by fire. The bridge was rated poor by the TDOT Bridge Inspections. Carry forward balance of FY16 funds.

**Operating Budget Impact:**

None.

**Project Detail - 5 Year Summary**

	Carry Forward	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
<b>Revenue Sources</b>							
General Obligation Bonds	163,000	0	0	0	0	0	163,000
Federal Grants CIP	1,284,000	0	0	0	0	0	1,284,000
<b>Total Revenues</b>	<b>1,447,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,447,000</b>
<b>Expenditure Types</b>							
Engineering - Architecture	13,000	0	0	0	0	0	13,000
Land Acquisition	12,000	0	0	0	0	0	12,000
Contract Construction	1,422,000	0	0	0	0	0	1,422,000
<b>Total Expenditures</b>	<b>1,447,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,447,000</b>

**Project Name** STP Grp 5 Resurfacing  
**Project Number** PW01254  
**Division Priority** 20

**Project Description / Justification:**

This project funds preventive maintenance paving activities at the following locations: 1 Riverdale Road-Winchester Rd. to Shelby Dr. 2. Hickory Hill Road- Mt. Moriah Rd. to Winchester Rd. 3. Highland Street-Summer Ave. to Walnut Grove Rd. 4. Perkins Road-Summer Ave. to Walnut Grove Rd. 5. Riverside Drive-Jefferson Ave. to Beale St. and 6. Knight Arnold Road- Hickory Hill Rd. to Ridgeway Rd. It is funded by a Federal Surface Transportation Program Grant. It is 80% federal funds with a 20% local match. Carry forward balance of FY16 funds.

**Operating Budget Impact:**

None.

**Project Detail - 5 Year Summary**

	Carry Forward	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
<b>Revenue Sources</b>							
General Obligation Bonds	1,621,300	0	0	0	0	0	1,621,300
Federal Grants CIP	6,485,200	0	0	0	0	0	6,485,200
<b>Total Revenues</b>	<b>8,106,500</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>8,106,500</b>
<b>Expenditure Types</b>							
Contract Construction	8,106,500	0	0	0	0	0	8,106,500
<b>Total Expenditures</b>	<b>8,106,500</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>8,106,500</b>

**Project Name** Shelby Farms Greenline Trail

**Project Number** PW01257

**Division Priority** 21

**Project Description / Justification:**

Design and Construct bridge over active railroad allowing westward expansion of Shelby Farms Greenline into Tobey Park via Flicker Street. Carry forward balance of FY '16 funds.

**Operating Budget Impact:**

None.

**Project Detail - 5 Year Summary**

	Carry Forward	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
<b>Revenue Sources</b>							
General Obligation Bonds	80,900	0	50,000	900,000	0	0	1,030,900
Federal Grants CIP	288,600	0	200,000	3,600,000	0	0	4,088,600
<b>Total Revenues</b>	<b>369,500</b>	<b>0</b>	<b>250,000</b>	<b>4,500,000</b>	<b>0</b>	<b>0</b>	<b>5,119,500</b>
<b>Expenditure Types</b>							
Engineering - Architecture	369,500	0	0	540,000	0	0	909,500
Land Acquisition	0	0	250,000	0	0	0	250,000
Contract Construction	0	0	0	3,960,000	0	0	3,960,000
<b>Total Expenditures</b>	<b>369,500</b>	<b>0</b>	<b>250,000</b>	<b>4,500,000</b>	<b>0</b>	<b>0</b>	<b>5,119,500</b>

**Project Name** Patterson Realignment

**Project Number** PW01262

**Division Priority** 22

**Project Description / Justification:**

This project will realign the intersection of Patterson and Walker with the intersection of Patterson and Southern. Carry forward balance of FY '16 funds.

**Operating Budget Impact:**

None.

**Project Detail - 5 Year Summary**

	Carry Forward	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
<b>Revenue Sources</b>							
General Obligation Bonds	1,611,091	0	0	0	0	0	1,611,091
Local Other CIP	470,000	0	0	0	0	0	470,000
<b>Total Revenues</b>	<b>2,081,091</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2,081,091</b>
<b>Expenditure Types</b>							
Engineering - Architecture	77,091	0	0	0	0	0	77,091
Contract Construction	2,004,000	0	0	0	0	0	2,004,000
<b>Total Expenditures</b>	<b>2,081,091</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2,081,091</b>

**Project Name** Sandbrook Realignment  
**Project Number** PW01260  
**Division Priority** 23

**Project Description / Justification:**

This project will realign Sandbrook Street with the north-south extension of Springbrook Avenue that forms an intersection with Brooks Road and provide other access improvements for the Brookway Industrial Park.

**Operating Budget Impact:**

None.

**Project Detail - 5 Year Summary**

	Carry Forward	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
<b>Revenue Sources</b>							
General Obligation Bonds	500,000	0	0	0	0	0	500,000
<b>Total Revenues</b>	<b>500,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>500,000</b>
<b>Expenditure Types</b>							
Engineering - Architecture	75,000	0	0	0	0	0	75,000
Land Acquisition	50,000	0	0	0	0	0	50,000
Contract Construction	375,000	0	0	0	0	0	375,000
<b>Total Expenditures</b>	<b>500,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>500,000</b>

**Project Name** Walker Ave. Streetscape Ph. 2  
**Project Number** PW04103  
**Division Priority** 24

**Project Description / Justification:**

This project provides improved pedestrian access, 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 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
<b>Revenue Sources</b>							
General Obligation Bonds	95,000	0	543,824	0	0	0	638,824
Federal Grants	430,075	0	0	0	0	0	430,075
<b>Total Revenues</b>	<b>525,075</b>	<b>0</b>	<b>543,824</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,068,899</b>
<b>Expenditure Types</b>							
Engineering - Architecture	95,000	0	85,000	0	0	0	180,000
Contract Construction	430,075	0	458,824	0	0	0	888,899
<b>Total Expenditures</b>	<b>525,075</b>	<b>0</b>	<b>543,824</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,068,899</b>



**Project Name** Riverdale Relocation  
**Project Number** PW04102  
**Division Priority** 25

**Project Description / Justification:**  
 Funding to facilitate Neighborhood Improvement relocation to a central location, Riverdale Facility.

**Operating Budget Impact:**  
 None.

**Project Detail - 5 Year Summary**

	Carry Forward	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
<b>Revenue Sources</b>							
General Obligation Bonds	114,215	0	0	0	0	0	114,215
<b>Total Revenues</b>	<b>114,215</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>114,215</b>
<b>Expenditure Types</b>							
Contract Construction	114,215	0	0	0	0	0	114,215
<b>Total Expenditures</b>	<b>114,215</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>114,215</b>

**Project Name** Pathological Incinerator

**Project Number** PW04037

**Division Priority** 26

**Project Description / Justification:**

This project provides funds for the replacement of the City's current incinerator, which is outdated and has excessive downtime and high maintenance costs. Carry forward balance of FY '16 funds.

**Operating Budget Impact:**

None

**Project Detail - 5 Year Summary**

	Carry Forward	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
<b>Revenue Sources</b>							
General Obligation Bonds	0	0	700,000	0	0	0	700,000
<b>Total Revenues</b>	<b>0</b>	<b>0</b>	<b>700,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>700,000</b>
<b>Expenditure Types</b>							
Engineering - Architecture	0	0	60,000	0	0	0	60,000
Contract Construction	0	0	640,000	0	0	0	640,000
<b>Total Expenditures</b>	<b>0</b>	<b>0</b>	<b>700,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>700,000</b>

**Project Name** Walnut Gr/Wolf/G'town

**Project Number** PW01052

**Division Priority** 27

**Project Description / Justification:**

Walnut Grove Road will remain four lanes. Access management measures will be provided to limit left turn movements across Walnut Grove traffic. These include construction of a "green bridge" type grade separated intersection approximately one mile west of Germantown Parkway. The new "green bridge" will connect to the internal road network of Shelby Farms Park and the Agricenter allowing wildlife, pedestrians, bicyclist, and vehicles to cross Walnut Grove. The "green bridge" design will include landscaping, vehicular travel lanes, bicycle and pedestrian facilities, and connections to Walnut Grove. All intersecting streets and drives between the Kirby Whitten Project (Shelby Farms Parkway) and the "green bridge" will be converted to right in, right out operation. The project will include installation of a shared use trail on the north side of Walnut Grove from Patriot Lake of Germantown Parkway and pavement reconstruction of Walnut Grove. Carry forward balance of FY16 funds.

**Operating Budget Impact:**

None

**Project Detail - 5 Year Summary**

	Carry Forward	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
<b>Revenue Sources</b>							
General Obligation Bonds	0	0	40,000	159,200	0	1,992,000	2,191,200
Federal Grants CIP	0	0	160,000	636,800	0	7,968,000	8,764,800
<b>Total Revenues</b>	<b>0</b>	<b>0</b>	<b>200,000</b>	<b>796,000</b>	<b>0</b>	<b>9,960,000</b>	<b>10,956,000</b>
<b>Expenditure Types</b>							
Engineering - Architecture	0	0	200,000	796,000	0	0	996,000
Contract Construction	0	0	0	0	0	9,960,000	9,960,000
<b>Total Expenditures</b>	<b>0</b>	<b>0</b>	<b>200,000</b>	<b>796,000</b>	<b>0</b>	<b>9,960,000</b>	<b>10,956,000</b>

**Project Name** Kirby Pkwy/Walnut Gr to Macon

**Project Number** PW01174

**Division Priority** 28

**Project Description / Justification:**

Widen Walnut Grove road from 4 lanes to 6 lanes from just east of the Wolf River to the proposed Walnut Grove/Kirby-Whitten (Shelby Farms Pkwy) interchange with a heavily landscaped median. Construct a 4 lane heavily landscaped roadway with a variable width median from the proposed interchange to Mullins Station Road. Construct and/or widen Kirby-Whitten from 2 lanes to 4 lanes with a two-way left turn lane from Mullins Station Road to Macon Road. The proposed interchange at Walnut Grove Road and Kirby-Whitten and the associated ramps are included in the project. Adjacent pedestrian and bicycle paths will be designed in conjunction with this project. Two grade separated trail crossings will be provided along Kirby-Whitten and one grade separated trail crossing will be provided along Walnut Grove. Carry forward FY16 balance.

**Operating Budget Impact:**

None

**Project Detail - 5 Year Summary**

	Carry Forward	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
<b>Revenue Sources</b>							
General Obligation Bonds	0	0	625,000	149,000	0	3,000,000	3,774,000
Federal Grants CIP	2,944,000	0	2,496,000	593,000	0	12,000,000	18,033,000
<b>Total Revenues</b>	<b>2,944,000</b>	<b>0</b>	<b>3,121,000</b>	<b>742,000</b>	<b>0</b>	<b>15,000,000</b>	<b>21,807,000</b>
<b>Expenditure Types</b>							
Engineering - Architecture	2,944,000	0	3,121,000	0	0	0	6,065,000
Land Acquisition	0	0	0	742,000	0	0	742,000
Contract Construction	0	0	0	0	0	15,000,000	15,000,000
<b>Total Expenditures</b>	<b>2,944,000</b>	<b>0</b>	<b>3,121,000</b>	<b>742,000</b>	<b>0</b>	<b>15,000,000</b>	<b>21,807,000</b>

**Project Name** Holmes Road East Malone-Lamar  
**Project Number** PW01179  
**Division Priority** 29

**Project Description / Justification:**

This project provides funds for the Southeast Annexation area. It will provide a seven lane road for additional capacity to accommodate the industrial growth in this area of the City. This project begins just west of Malone and ends west of Lamar. Carry forward balance of FY '16 Funds.

**Operating Budget Impact:**

None

**Project Detail - 5 Year Summary**

	Carry Forward	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
<b>Revenue Sources</b>							
General Obligation Bonds	2,291,000	0	0	0	0	0	2,291,000
Federal Grants CIP	12,321,760	0	0	0	0	0	12,321,760
<b>Total Revenues</b>	<b>14,612,760</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>14,612,760</b>
<b>Expenditure Types</b>							
Engineering - Architecture	665,000	0	0	0	0	0	665,000
Land Acquisition	2,115,760	0	0	0	0	0	2,115,760
Contract Construction	11,832,000	0	0	0	0	0	11,832,000
<b>Total Expenditures</b>	<b>14,612,760</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>14,612,760</b>

**Project Name** Vollintine Evergreen Comm Assc

**Project Number** PW01269

**Division Priority** 30

**Project Description / Justification:**

This project provides funding for entrance planning at street crossings on the V&E Greenline. G.O. Bond funding will be used for public right-of-way construction, broken sidewalks, curb ramp for universal accessibility (ADA), and for visible crosswalks and trail warning signs for approaching motorist.

**Operating Budget Impact:**

None.

**Project Detail - 5 Year Summary**

	Carry Forward	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
<b>Revenue Sources</b>							
General Obligation Bonds	210,000	0	0	0	0	0	210,000
<b>Total Revenues</b>	<b>210,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>210,000</b>
<b>Expenditure Types</b>							
Engineering - Architecture	31,000	0	0	0	0	0	31,000
Contract Construction	179,000	0	0	0	0	0	179,000
<b>Total Expenditures</b>	<b>210,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>210,000</b>

**Project Name** Elvis Presley/Shelby/Winch  
**Project Number** PW01064  
**Division Priority** 31

**Project Description / Justification:**

This project provides funds for improvements to the Elvis Presley Boulevard Corridor from Shelby Drive to Brooks Road. Construction will be accomplished in several phases. Carry forward balance FY16 funds.

**Operating Budget Impact:**

None

**Project Detail - 5 Year Summary**

	Carry Forward	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
<b>Revenue Sources</b>							
General Obligation Bonds	8,755,397	0	0	0	0	0	8,755,397
Federal Grants CIP	20,423,690	0	0	0	0	0	20,423,690
State Grants	6,760,000	0	0	0	0	0	6,760,000
<b>Total Revenues</b>	<b>35,939,087</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>35,939,087</b>
<b>Expenditure Types</b>							
Engineering - Architecture	1,993,853	0	0	0	0	0	1,993,853
Land Acquisition	1,809,000	0	0	0	0	0	1,809,000
Contract Construction	32,136,234	0	0	0	0	0	32,136,234
<b>Total Expenditures</b>	<b>35,939,087</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>35,939,087</b>

**Project Name** Trash Receptables  
**Project Number** PW04115  
**Division Priority** 32

**Project Description / Justification:**

This project will provide funds for Memphis City Beautiful-Trash Receptables in all Council Districts.

**Operating Budget Impact:**

None.

**Project Detail - Current Year**

	Carry Forward	FY 2017
<b>Revenue Sources</b>		
General Obligation Bonds	0	105,000
<b>Total Revenues</b>	<b>0</b>	<b>105,000</b>
<b>Expenditure Types</b>		
Furniture, Fixtures & Equipment	0	105,000
<b>Total Expenditures</b>	<b>0</b>	<b>105,000</b>

**Project Detail - 5 Year Summary**

	Carry Forward	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
<b>Revenue Sources</b>							
General Obligation Bonds	0	105,000	0	0	0	0	105,000
<b>Total Revenues</b>	<b>0</b>	<b>105,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>105,000</b>
<b>Expenditure Types</b>							
Furniture, Fixtures & Equipment	0	105,000	0	0	0	0	105,000
<b>Total Expenditures</b>	<b>0</b>	<b>105,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>105,000</b>



**Project Name** Southbrook Mall Infrastructure

**Project Number** PW04114

**Division Priority** 33

**Project Description / Justification:**

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

**Operating Budget Impact:**

None.

**Project Detail - Current Year**

	Carry Forward	FY 2017
<b>Revenue Sources</b>		
General Obligation Bonds	0	1,500,000
<b>Total Revenues</b>	<b>0</b>	<b>1,500,000</b>
<b>Expenditure Types</b>		
Engineering - Architecture	0	250,000
Construction	0	1,250,000
<b>Total Expenditures</b>	<b>0</b>	<b>1,500,000</b>

**Project Detail - 5 Year Summary**

	Carry Forward	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
<b>Revenue Sources</b>							
General Obligation Bonds	0	1,500,000	0	0	0	0	1,500,000
<b>Total Revenues</b>	<b>0</b>	<b>1,500,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,500,000</b>
<b>Expenditure Types</b>							
Engineering - Architecture	0	250,000	0	0	0	0	250,000
Construction	0	1,250,000	0	0	0	0	1,250,000
<b>Total Expenditures</b>	<b>0</b>	<b>1,500,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,500,000</b>

**Project Name** Blight-Crosstown

**Project Number** PW04097

**Division Priority** 34

**Project Description / Justification:**

This project provides funding for demolition and clean-up in the Crosstown neighborhoods.

**Operating Budget Impact:**

None.

**Project Detail - 5 Year Summary**

	Carry Forward	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
<b>Revenue Sources</b>							
General Obligation Bonds	1,000,000	0	0	0	0	0	1,000,000
<b>Total Revenues</b>	<b>1,000,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,000,000</b>
<b>Expenditure Types</b>							
Other Costs	1,000,000	0	0	0	0	0	1,000,000
<b>Total Expenditures</b>	<b>1,000,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,000,000</b>

**Project Name** Second/I-40/Cedar

**Project Number** PW01023

**Division Priority** 35

**Project Description / Justification:**

This project provides funds for the widening and extension of Second Street from I-40 to North Thomas to four lanes with median supplying much needed access into downtown from both the north and the future I-69. The Uptown TIFF is providing \$2.0M in "Local Other Funding".

**Operating Budget Impact:**

None.

**Project Detail - 5 Year Summary**

	Carry Forward	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
<b>Revenue Sources</b>							
Local Other CIP	538,450	0	0	0	0	0	538,450
Federal Grants CIP	14,806,143	0	0	0	0	0	14,806,143
<b>Total Revenues</b>	<b>15,344,593</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>15,344,593</b>
<b>Expenditure Types</b>							
Engineering - Architecture	3,490,240	0	0	0	0	0	3,490,240
Land Acquisition	3,438,833	0	0	0	0	0	3,438,833
Construction	8,415,520	0	0	0	0	0	8,415,520
<b>Total Expenditures</b>	<b>15,344,593</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>15,344,593</b>

**Project Name** STP Bike/Ped Group

**Project Number** PW01245

**Division Priority** 36

**Project Description / Justification:**

MPO Bike and Pedestrian Plan. Wolf River Greenway Phases 6, 7 & 14; Overton Park Perimeter Trail; South Memphis Greenline; and Jefferson Avenue Cycle Track.

**Operating Budget Impact:**

None.

**Project Detail - 5 Year Summary**

	Carry Forward	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
<b>Revenue Sources</b>							
General Obligation Bonds	23,600	0	0	0	0	0	23,600
Federal Grants CIP	171,400	0	0	0	0	0	171,400
Local Other CIP	9,120	0	0	0	0	0	9,120
State Grants All	712,000	0	0	0	0	0	712,000
<b>Total Revenues</b>	<b>916,120</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>916,120</b>
<b>Expenditure Types</b>							
Engineering - Architecture	258,341	0	0	0	0	0	258,341
Land Acquisition	98,500	0	0	0	0	0	98,500
Contract Construction	559,279	0	0	0	0	0	559,279
<b>Total Expenditures</b>	<b>916,120</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>916,120</b>

**Project Name** Overton Park Trail

**Project Number** PW01256

**Division Priority** 37

**Project Description / Justification:**

Design and Construct Shared-Use Trail adjacent to Poplar Avenue between Cooper Street and Morrie Moss Drive. Project will also include modernization of traffic signal at Cooper Street and Poplar Avenue to accommodate increased connectivity for cyclists and pedestrians entering and leaving Overton Park.

**Operating Budget Impact:**

None.

**Project Detail - 5 Year Summary**

	Carry Forward	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
<b>Revenue Sources</b>							
General Obligation Bonds	7,000	0	0	0	0	0	7,000
Federal Grants CIP	22,000	0	0	0	0	0	22,000
Local Other CIP	2,200	0	0	0	0	0	2,200
<b>Total Revenues</b>	<b>31,200</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>31,200</b>
<b>Expenditure Types</b>							
Engineering - Architecture	31,200	0	0	0	0	0	31,200
<b>Total Expenditures</b>	<b>31,200</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>31,200</b>



	Carry Forward	FY 2017
<b>Revenue Sources</b>		
General Obligation Bonds	0	700,000
<b>Total Revenues</b>	<u>0</u>	<u>700,000</u>
<b>Expenditure Types</b>		
Contract Construction	0	700,000
<b>Total Expenditures</b>	<u>0</u>	<u>700,000</u>

	Carry Forward	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
<b>Revenue Sources</b>							
General Obligation Bonds	0	700,000	0	0	0	0	700,000
	<b>0</b>	<b>700,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>700,000</b>
<b>Expenditure Types</b>							
Contract Construction	0	700,000	0	0	0	0	700,000
<b>Total Expenditures</b>	<b>0</b>	<b>700,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>700,000</b>



**CIP SUMMARY BY PROJECT**

**RIVERFRONT DEVELOPMENT**

Division Priority	Project Number Project Name	Carry Forward	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
1	GA01018 Railroad Crossing/ADA Imp	0	700,000	0	0	0	0	700,000
	<b>Total</b>	<b>0</b>	<b>700,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>700,000</b>



**Project Name** Railroad Crossing/ADA Imp

**Project Number** GA01018

**Division Priority** 1

**Project Description / Justification:**

This project is funding for ADA improvements and active pedestrian warning systems at three (3) railroad crossing near the Cobblestone Landing.

**Operating Budget Impact:**

None.

**Project Detail - Current Year**

	Carry Forward	FY 2017
<b>Revenue Sources</b>		
General Obligation Bonds		700,000
<b>Total Revenues</b>	<b>0</b>	<b>700,000</b>
<b>Expenditure Types</b>		
Contract Construction	0	700,000
<b>Total Expenditures</b>	<b>0</b>	<b>700,000</b>

**Project Detail - 5 Year Summary**

	Carry Forward	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
<b>Revenue Sources</b>							
General Obligation Bonds	0	700,000	0	0	0	0	700,000
<b>Total Revenues</b>	<b>0</b>	<b>700,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>700,000</b>
<b>Expenditure Types</b>							
Contract Construction	0	700,000	0	0	0	0	700,000
<b>Total Expenditures</b>	<b>0</b>	<b>700,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>700,000</b>

	<b>Carry Forward</b>	<b>FY 2017</b>
<b>Revenue Sources</b>		
Capital PAY GO	240,379,138	89,000,000
<b>Total Revenues</b>	<b><u>240,379,138</u></b>	<b><u>89,000,000</u></b>
<b>Expenditure Types</b>		
Engineering - Architecture	139,221,890	47,700,000
Land Acquisition	4,184,611	2,450,000
Land Development	0	500,000
Furniture, Fixture & Equipment	500,000	100,000
Contract Construction	96,472,637	38,250,000
<b>Total Expenditures</b>	<b><u>240,379,138</u></b>	<b><u>89,000,000</u></b>

# CIP 2017 DIVISION SUMMARY

# SEWER FUND

	Carry Forward	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
<b>Revenue Sources</b>							
Capital PAY GO	240,379,138	89,000,000	37,980,000	44,680,000	44,830,000	40,830,000	497,699,138
<b>Total Revenues</b>	<b>240,379,138</b>	<b>89,000,000</b>	<b>37,980,000</b>	<b>44,680,000</b>	<b>44,830,000</b>	<b>40,830,000</b>	<b>497,699,138</b>
<b>Expenditure Types</b>							
Engineering - Architecture	139,221,890	47,700,000	25,400,000	26,600,000	26,800,000	26,800,000	292,521,890
Land Acquisition	4,184,611	2,450,000	80,000	30,000	30,000	30,000	6,804,611
Land Development	0	500,000	0	0	0	0	500,000
Furniture, Fixture & Equipment	500,000	100,000	0	0	0	0	600,000
Contract Construction	96,472,637	38,250,000	12,500,000	18,050,000	18,000,000	14,000,000	197,272,637
<b>Total Expenditures</b>	<b>240,379,138</b>	<b>89,000,000</b>	<b>37,980,000</b>	<b>44,680,000</b>	<b>44,830,000</b>	<b>40,830,000</b>	<b>497,699,138</b>



# CIP SUMMARY BY PROJECT

# SEWER FUND

Division Priority	Project Number Project Name	Carry Forward	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
1	FY'17 Rehab Exist Sewer SW17200 Cover	0	33,000,000	8,000,000	10,500,000	10,500,000	8,500,000	70,500,000
2	Sewer Assessment and SW05001 Rehab	46,958,409	15,000,000	15,000,000	25,000,000	25,000,000	25,000,000	151,958,409
3	SW02033 South Plant Expansion	92,313,262	30,000,000	12,000,000	2,500,000	2,500,000	500,000	139,813,262
4	SW02011 Covered Anaerobic Lagoon	40,687,816	2,200,000	0	1,000,000	1,000,000	1,000,000	45,887,816
5	SW04009 Stiles Plant Modification	19,751,230	0	0	4,500,000	4,500,000	4,500,000	33,251,230
6	Environmental Maint SW04007 Relocation	8,339,811	1,900,000	0	0	0	0	10,239,811
7	SW04004 Wolf River Interceptor	25,278,344	1,000,000	1,100,000	0	0	0	27,378,344
8	FY'17 Svc Unsewered SW17300 Coverline	0	1,600,000	630,000	630,000	630,000	630,000	4,120,000
9	FY'17 Misc Sub Outfalls SW17100 Cover	0	4,300,000	550,000	50,000	0	0	4,900,000
10	SW02006 Sludge Disp/Earth Complex	7,050,266	0	700,000	500,000	700,000	700,000	9,650,266
<b>Total</b>		<b>240,379,138</b>	<b>89,000,000</b>	<b>37,980,000</b>	<b>44,680,000</b>	<b>44,830,000</b>	<b>40,830,000</b>	<b>497,699,138</b>



**Project Name** FY'17 Rehab Exist Sewer Cover

**Project Number** SW17200

**Division Priority** 1

**Project Description / Justification:**

This project provides funds for the repair, rehabilitation or replacement of portions of the existing sewer collection and treatment system as needed. FY2017 will be funded by Capital Pay Go-Sewer.

**Operating Budget Impact:**

None.

**Project Detail - Current Year**

	Carry Forward	FY 2017
<b>Revenue Sources</b>		
Capital PAY GO	0	33,000,000
<b>Total Revenues</b>	<b>0</b>	<b>33,000,000</b>
<b>Expenditure Types</b>		
Engineering - Architecture	0	2,000,000
Land Acquisition	0	1,000,000
Contract Construction	0	30,000,000
<b>Total Expenditures</b>	<b>0</b>	<b>33,000,000</b>

**Project Detail - 5 Year Summary**

	Carry Forward	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
<b>Revenue Sources</b>							
Capital PAY GO	0	33,000,000	8,000,000	10,500,000	10,500,000	8,500,000	70,500,000
<b>Total Revenues</b>	<b>0</b>	<b>33,000,000</b>	<b>8,000,000</b>	<b>10,500,000</b>	<b>10,500,000</b>	<b>8,500,000</b>	<b>70,500,000</b>
<b>Expenditure Types</b>							
Engineering - Architecture	0	2,000,000	0	500,000	500,000	500,000	3,500,000
Land Acquisition	0	1,000,000	0	0	0	0	1,000,000
Contract Construction	0	30,000,000	8,000,000	10,000,000	10,000,000	8,000,000	66,000,000
<b>Total Expenditures</b>	<b>0</b>	<b>33,000,000</b>	<b>8,000,000</b>	<b>10,500,000</b>	<b>10,500,000</b>	<b>8,500,000</b>	<b>70,500,000</b>

# CIP 2017 DETAIL BY PROJECT

# SEWER FUND

**Project Name** Sewer Assessment and Rehab

**Project Number** SW05001

**Division Priority** 2

**Project Description / Justification:**

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 FY17 will be funded by Tennessee State Revolving Loan Fund and Capital Pay GO- Sewer

**Operating Budget Impact:**

None

	Carry Forward	FY 2017
<b>Revenue Sources</b>		
Capital PAY GO	46,958,409	15,000,000
<b>Total Revenues</b>	<b>46,958,409</b>	<b>15,000,000</b>
<b>Expenditure Types</b>		
Engineering - Architecture	40,958,409	15,000,000
Construction	6,000,000	0
<b>Total Expenditures</b>	<b>46,958,409</b>	<b>15,000,000</b>

### Project Detail - 5 Year Summary

	Carry Forward	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
<b>Revenue Sources</b>							
Capital PAY GO	46,958,409	15,000,000	15,000,000	25,000,000	25,000,000	25,000,000	151,958,409
<b>Total Revenues</b>	<b>46,958,409</b>	<b>15,000,000</b>	<b>15,000,000</b>	<b>25,000,000</b>	<b>25,000,000</b>	<b>25,000,000</b>	<b>151,958,409</b>
<b>Expenditure Types</b>							
Engineering - Architecture	40,958,409	15,000,000	15,000,000	25,000,000	25,000,000	25,000,000	145,958,409
Construction	6,000,000	0	0	0	0	0	6,000,000
<b>Total Expenditures</b>	<b>46,958,409</b>	<b>15,000,000</b>	<b>15,000,000</b>	<b>25,000,000</b>	<b>25,000,000</b>	<b>25,000,000</b>	<b>151,958,409</b>



# CIP 2017 DETAIL BY PROJECT

# SEWER FUND

**Project Name** South Plant Expansion

**Project Number** SW02033

**Division Priority** 3

**Project Description / Justification:**

This project provides funds for the construction of additional primary clarifiers, blowers, ABF Towers, final clarifiers, screens, and additional ancillary structures/facilities, as needed to meet Federal and State requirements. Any carry forward dollars to be used for A&E or Construction for FY17 will be funded by Capital Pay Go-Sewer. FY17 will be funded by Capital Pay Go- Sewer and Tennessee State Revolving Loan Fund.

**Operating Budget Impact:**

None

	Carry Forward	FY 2017
<b>Revenue Sources</b>		
Capital PAY GO	92,313,262	30,000,000
<b>Total Revenues</b>	<b>92,313,262</b>	<b>30,000,000</b>
<b>Expenditure Types</b>		
Engineering - Architecture	91,108,500	30,000,000
Construction	1,204,762	0
<b>Total Expenditures</b>	<b>92,313,262</b>	<b>30,000,000</b>

### Project Detail - 5 Year Summary

	Carry Forward	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
<b>Revenue Sources</b>							
Capital PAY GO	92,313,262	30,000,000	12,000,000	2,500,000	2,500,000	500,000	139,813,262
<b>Total Revenues</b>	<b>92,313,262</b>	<b>30,000,000</b>	<b>12,000,000</b>	<b>2,500,000</b>	<b>2,500,000</b>	<b>500,000</b>	<b>139,813,262</b>
<b>Expenditure Types</b>							
Engineering - Architecture	91,108,500	30,000,000	10,000,000	500,000	500,000	500,000	132,608,500
Contract Construction	1,204,762	0	2,000,000	2,000,000	2,000,000	0	7,204,762
<b>Total Expenditures</b>	<b>92,313,262</b>	<b>30,000,000</b>	<b>12,000,000</b>	<b>2,500,000</b>	<b>2,500,000</b>	<b>500,000</b>	<b>139,813,262</b>





# CIP 2017 DETAIL BY PROJECT

# SEWER FUND

**Project Name** Covered Anaerobic Lagoon

**Project Number** SW02011

**Division Priority** 4

**Project Description / Justification:**

This project is for covering the remaining anaerobic sludge lagoons at wastewater treatment plants, expanding/renovating the existing dewatering/sludge handling/processing facilities and upgrading the maintenance facilities. These upgrades are in response to Federal/State mandates. Any carry forward dollars to be used for A&E, Land Acquisition and Construction for FY16 will be funded by Capital Pay Go-Sewer. FY17 will be funded by Capital Pay Go- Sewer and Tennessee State Revolving Loan Fund.

**Operating Budget Impact:**

None

	<u>Carry Forward</u>	<u>FY 2017</u>
<b>Revenue Sources</b>		
Capital PAY GO	40,687,816	2,200,000
<b>Total Revenues</b>	<b><u>40,687,816</u></b>	<b><u>2,200,000</u></b>
<b>Expenditure Types</b>		
Engineering - Architecture	1,899,530	200,000
Contract Construction	38,788,286	2,000,000
<b>Total Expenditures</b>	<b><u>40,687,816</u></b>	<b><u>2,200,000</u></b>

### Project Detail - 5 Year Summary

	<u>Carry Forward</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>Total</u>
<b>Revenue Sources</b>							
Capital PAY GO	40,687,816	2,200,000	0	1,000,000	1,000,000	1,000,000	45,887,816
<b>Total Revenues</b>	<b><u>40,687,816</u></b>	<b><u>2,200,000</u></b>	<b><u>0</u></b>	<b><u>1,000,000</u></b>	<b><u>1,000,000</u></b>	<b><u>1,000,000</u></b>	<b><u>45,887,816</u></b>
<b>Expenditure Types</b>							
Engineering - Architecture	1,899,530	200,000	0	0	0	0	2,099,530
Contract Construction	38,788,286	2,000,000	0	1,000,000	1,000,000	1,000,000	43,788,286
<b>Total Expenditures</b>	<b><u>40,687,816</u></b>	<b><u>2,200,000</u></b>	<b><u>0</u></b>	<b><u>1,000,000</u></b>	<b><u>1,000,000</u></b>	<b><u>1,000,000</u></b>	<b><u>45,887,816</u></b>



**Project Name** Stiles Plant Modification

**Project Number** SW04009

**Division Priority** 5

**Project Description / Justification:**

This project is a cover line and provides funds for the construction of additional treatment facilities, modification of existing treatment facilities, and ancillary structures / facilities as needed to meet Federal / State requirements. Any carry forward dollars to be used for A&E or Construction for FY17 will be funded by Capital Pay Go-Sewer. FY17 will be funded by Capital Pay Go- Sewer

**Operating Budget Impact:**

None

**Project Detail - 5 Year Summary**

	Carry Forward	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
<b>Revenue Sources</b>							
Capital PAY GO	19,751,230	0	0	4,500,000	4,500,000	4,500,000	33,251,230
<b>Total Revenues</b>	<b>19,751,230</b>	<b>0</b>	<b>0</b>	<b>4,500,000</b>	<b>4,500,000</b>	<b>4,500,000</b>	<b>33,251,230</b>
<b>Expenditure Types</b>							
Engineering - Architecture	3,400,000	0	0	500,000	500,000	500,000	4,900,000
Contract Construction	16,351,230	0	0	4,000,000	4,000,000	4,000,000	28,351,230
<b>Total Expenditures</b>	<b>19,751,230</b>	<b>0</b>	<b>0</b>	<b>4,500,000</b>	<b>4,500,000</b>	<b>4,500,000</b>	<b>33,251,230</b>

# CIP 2017 DETAIL BY PROJECT

# SEWER FUND

**Project Name** Environmental Maint Relocation

**Project Number** SW04007

**Division Priority** 6

**Project Description / Justification:**

This project carry forward the FY2016 allocation of funds to relocate the Environmental Maintenance service center and its ancillary operations. Any Reprogrammed dollars to be used for A&E, Land Acquisition and Construction for FY'17 will be funded by Capital Pay GO- Sewer.

**Operating Budget Impact:**

None

	Carry Forward	FY 2017
<b>Revenue Sources</b>		
Capital PAY GO	8,339,811	1,900,000
<b>Total Revenues</b>	<b>8,339,811</b>	<b>1,900,000</b>
<b>Expenditure Types</b>		
Land Acquisition	839,811	800,000
Furniture, Fixture & Equipment	500,000	100,000
Contract Construction	7,000,000	1,000,000
<b>Total Expenditures</b>	<b>8,339,811</b>	<b>1,900,000</b>

### Project Detail - 5 Year Summary

	Carry Forward	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
<b>Revenue Sources</b>							
Capital PAY GO	8,339,811	1,900,000	0	0	0	0	10,239,811
<b>Total Revenues</b>	<b>8,339,811</b>	<b>1,900,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>10,239,811</b>
<b>Expenditure Types</b>							
Land Acquisition	839,811	800,000	0	0	0	0	1,639,811
Furniture, Fixture & Equipment	500,000	100,000	0	0	0	0	600,000
Contract Construction	7,000,000	1,000,000	0	0	0	0	8,000,000
<b>Total Expenditures</b>	<b>8,339,811</b>	<b>1,900,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>10,239,811</b>



# CIP 2017 DETAIL BY PROJECT

# SEWER FUND

**Project Name** Wolf River Interceptor

**Project Number** SW04004

**Division Priority** 7

**Project Description / Justification:**

This project provides funds for a new interceptor to collect and transport waste water that will parallel the old interceptor to adequately accommodate future flows. It will also extend the interceptor into the Grays Creek to serve existing and future annexation areas. Any carry forward dollars to be used for A&E, Land Acquisition, and Construction for FY17 will be funded by Capital Pay Go-Sewer. FY17 will be funded by Capital Pay Go- Sewer

**Operating Budget Impact:**

None

	Carry Forward	FY 2017
<b>Revenue Sources</b>		
Capital PAY GO	25,278,344	1,000,000
<b>Total Revenues</b>	<b>25,278,344</b>	<b>1,000,000</b>
<b>Expenditure Types</b>		
Engineering - Architecture	558,284	0
Land Acquisition	3,344,800	0
Contract Construction	21,375,260	1,000,000
<b>Total Expenditures</b>	<b>25,278,344</b>	<b>1,000,000</b>

### Project Detail - 5 Year Summary

	Carry Forward	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
<b>Revenue Sources</b>							
Capital PAY GO	25,278,344	1,000,000	1,100,000	0	0	0	27,378,344
<b>Total Revenues</b>	<b>25,278,344</b>	<b>1,000,000</b>	<b>1,100,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>27,378,344</b>
<b>Expenditure Types</b>							
Engineering - Architecture	558,284	0	50,000	0	0	0	608,284
Land Acquisition	3,344,800	0	50,000	0	0	0	3,394,800
Contract Construction	21,375,260	1,000,000	1,000,000	0	0	0	23,375,260
<b>Total Expenditures</b>	<b>25,278,344</b>	<b>1,000,000</b>	<b>1,100,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>27,378,344</b>



# CIP 2017 DETAIL BY PROJECT

# SEWER FUND

**Project Name** FY'17 Svc Unsewered Coverline

**Project Number** SW17300

**Division Priority** 8

**Project Description / Justification:**

This project provides funds for extending sewer service to areas of the City which do not presently have sewers. The City pays the total cost of the projects. FY2017 will be funded by Capital Pay Go-Sewer.

**Operating Budget Impact:**

None.

### Project Detail - Current Year

	Carry Forward	FY 2017
<b>Revenue Sources</b>		
Capital PAY GO	0	1,600,000
<b>Total Revenues</b>	<b>0</b>	<b>1,600,000</b>
<b>Expenditure Types</b>		
Engineering - Architecture	0	200,000
Land Acquisition	0	150,000
Contract Construction	0	1,250,000
<b>Total Expenditures</b>	<b>0</b>	<b>1,600,000</b>

### Project Detail - 5 Year Summary

	Carry Forward	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
<b>Revenue Sources</b>							
Capital PAY GO	0	1,600,000	630,000	630,000	630,000	630,000	4,120,000
<b>Total Revenues</b>	<b>0</b>	<b>1,600,000</b>	<b>630,000</b>	<b>630,000</b>	<b>630,000</b>	<b>630,000</b>	<b>4,120,000</b>
<b>Expenditure Types</b>							
Engineering - Architecture	0	200,000	100,000	100,000	100,000	100,000	600,000
Land Acquisition	0	150,000	30,000	30,000	30,000	30,000	270,000
Contract Construction	0	1,250,000	500,000	500,000	500,000	500,000	3,250,000
<b>Total Expenditures</b>	<b>0</b>	<b>1,600,000</b>	<b>630,000</b>	<b>630,000</b>	<b>630,000</b>	<b>630,000</b>	<b>4,120,000</b>



# CIP 2017 DETAIL BY PROJECT

# SEWER FUND

**Project Name** FY'17 Misc Sub Outfalls Cover

**Project Number** SW17100

**Division Priority** 9

**Project Description / Justification:**

This project provides funds to connect new subdivisions to the City's sewer system within the City's annexation area. FY2017 will be funded by Capital Pay Go-Sewer.

**Operating Budget Impact:**

None.

### Project Detail - Current Year

	Carry Forward	FY 2017
<b>Revenue Sources</b>		
Capital PAY GO	0	4,300,000
<b>Total Revenues</b>	<b>0</b>	<b>4,300,000</b>
<b>Expenditure Types</b>		
Engineering - Architecture	0	300,000
Land Acquisition	0	500,000
Land Development	0	500,000
Contract Construction	0	3,000,000
<b>Total Expenditures</b>	<b>0</b>	<b>4,300,000</b>

### Project Detail - 5 Year Summary

	Carry Forward	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
<b>Revenue Sources</b>							
Capital PAY GO	0	4,300,000	550,000	50,000	0	0	4,900,000
<b>Total Revenues</b>	<b>0</b>	<b>4,300,000</b>	<b>550,000</b>	<b>50,000</b>	<b>0</b>	<b>0</b>	<b>4,900,000</b>
<b>Expenditure Types</b>							
Engineering - Architecture	0	300,000	50,000	0	0	0	350,000
Land Acquisition	0	500,000	0	0	0	0	500,000
Land Development	0	500,000	0	0	0	0	500,000
Contract Construction	0	3,000,000	500,000	50,000	0	0	3,550,000
<b>Total Expenditures</b>	<b>0</b>	<b>4,300,000</b>	<b>550,000</b>	<b>50,000</b>	<b>0</b>	<b>0</b>	<b>4,900,000</b>



# CIP 2017 DETAIL BY PROJECT

# SEWER FUND

**Project Name** Sludge Disp/Earth Complex

**Project Number** SW02006

**Division Priority** 10

**Project Description / Justification:**

This project provides funds for sludge disposal equipment and support facilities to prepare sludge for disposal at the Earth Complex and/or the Maxson Waste Water Treatment Plant. Any carry forward dollars to be used for A&E, Land Acquisition, and Construction for FY17 will be funded by Capital Pay Go-Sewer. FY17 will be funded by Capital Pay Go- Sewer

**Operating Budget Impact:**

None

### Project Detail - 5 Year Summary

	Carry Forward	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
<b>Revenue Sources</b>							
Capital PAY GO	7,050,266	0	700,000	500,000	700,000	700,000	9,650,266
<b>Total Revenues</b>	<b>7,050,266</b>	<b>0</b>	<b>700,000</b>	<b>500,000</b>	<b>700,000</b>	<b>700,000</b>	<b>9,650,266</b>
<b>Expenditure Types</b>							
Engineering - Architecture	1,297,167	0	200,000	0	200,000	200,000	1,897,167
Contract Construction	5,753,099	0	500,000	500,000	500,000	500,000	7,753,099
<b>Total Expenditures</b>	<b>7,050,266</b>	<b>0</b>	<b>700,000</b>	<b>500,000</b>	<b>700,000</b>	<b>700,000</b>	<b>9,650,266</b>







	Carry Forward	FY 2017
<b>Revenue Sources</b>		
General Obligation Bonds	112,737,137	0
<b>Total Revenues</b>	<b>112,737,137</b>	<b>0</b>
<b>Expenditure Types</b>		
Engineering - Architecture	17,698,118	0
Land Acquisition	2,385,886	0
Contract Construction	92,653,133	0
<b>Total Expenditures</b>	<b>112,737,137</b>	<b>0</b>

# CIP 2017 DIVISION SUMMARY

# STORM WATER FUND

	Carry Forward	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
<b>Revenue Sources</b>							
General Obligation Bonds	112,737,137	0	600,000	1,300,000	1,300,000	1,200,000	117,137,137
<b>Total Revenues</b>	<b>112,737,137</b>	<b>0</b>	<b>600,000</b>	<b>1,300,000</b>	<b>1,300,000</b>	<b>1,200,000</b>	<b>117,137,137</b>
<b>Expenditure Types</b>							
Engineering - Architecture	17,698,118	0	100,000	200,000	200,000	100,000	18,298,118
Land Acquisition	2,385,886	0	0	0	0	0	2,385,886
Contract Construction	92,653,133	0	500,000	1,100,000	1,100,000	1,100,000	96,453,133
<b>Total Expenditures</b>	<b>112,737,137</b>	<b>0</b>	<b>600,000</b>	<b>1,300,000</b>	<b>1,300,000</b>	<b>1,200,000</b>	<b>117,137,137</b>



# CIP SUMMARY BY PROJECT

# STORM WATER FUND

Division Priority	Project Number	Project Name	Carry Forward	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
1		FY'17 Drainage ST ST17100 Coverline	37,703,435	0	0	0	0	0	37,703,435
2		FY'17 Major Drain Rehab ST17500 Cover	27,832,577	0	0	0	0	0	27,832,577
3		Environmental Permitting - ST04041 ST	1,991,987	0	0	50,000	50,000	50,000	2,141,987
4		FY'17 Bridge Repair ST17400 Coverline	4,189,049	0	0	0	0	0	4,189,049
5		FY'17 Flood Control ST17300 Coverline	6,366,969	0	600,000	1,100,000	1,100,000	1,000,000	10,166,969
6		ST04038 Stormwater Pollution - ST	12,100,000	0	0	150,000	150,000	150,000	12,550,000
7		FY'17 Curb & Gutter ST17600 Coverline	5,751,838	0	0	0	0	0	5,751,838
8		ST03111 Airways over Nonconnah	8,810,027	0	0	0	0	0	8,810,027
9		ST01089 Bartlett Rd/Fletcher - ST	6,138,960	0	0	0	0	0	6,138,960
10		ST03084 Watkins Storm Water	852,295	0	0	0	0	0	852,295
11		FY'17 Sub Drain ST ST17200 Coverline	1,000,000	0	0	0	0	0	1,000,000
<b>Total</b>			<b>112,737,137</b>	<b>0</b>	<b>600,000</b>	<b>1,300,000</b>	<b>1,300,000</b>	<b>1,200,000</b>	<b>117,137,137</b>



**Project Name** FY17 Drainage ST Coverline

**Project Number** ST17100

**Division Priority** 1

**Project Description / Justification:**

This project carry forward the FY16 allocation for improvements to existing drainage system throughout the City. All Carry Forward dollars are planned expenditures toward either projects previously approved by Council on an individual basis and are now under design or are projects that have identified as needed by Public Works or Engineering.

**Operating Budget Impact:**

None.

**Project Detail - 5 Year Summary**

	Carry Forward	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
<b>Revenue Sources</b>							
General Obligation Bonds	37,703,435	0	0	0	0	0	37,703,435
<b>Total Revenues</b>	<b>37,703,435</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>37,703,435</b>
<b>Expenditure Types</b>							
Engineering - Architecture	9,206,913	0	0	0	0	0	9,206,913
Land Acquisition	1,885,886	0	0	0	0	0	1,885,886
Contract Construction	26,610,636	0	0	0	0	0	26,610,636
<b>Total Expenditures</b>	<b>37,703,435</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>37,703,435</b>

**Project Name** FY'17 Major Drain Rehab Cover

**Project Number** ST17500

**Division Priority** 2

**Project Description / Justification:**

This project will provide funding for Major Drainage Rehabilitation that includes the improvement or replacement of major drainage infrastructure throughout the City of Memphis. All carry forward dollars are planned expenditures toward either projects approved by Council on an individual basis and are now under design or are projects that have been identified as needed by Public Works or Engineering. Carry Forward FY16 allocations.

**Operating Budget Impact:**

None.

**Project Detail - 5 Year Summary**

	Carry Forward	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
<b>Revenue Sources</b>							
General Obligation Bonds	27,832,577	0	0	0	0	0	27,832,577
<b>Total Revenues</b>	<b>27,832,577</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>27,832,577</b>
<b>Expenditure Types</b>							
Engineering - Architecture	2,284,781	0	0	0	0	0	2,284,781
Contract Construction	25,547,796	0	0	0	0	0	27,547,796
<b>Total Expenditures</b>	<b>27,832,577</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>27,832,577</b>

**Project Name** Environmental Permitting - ST

**Project Number** ST04041

**Division Priority** 3

**Project Description / Justification:**

This project carry forward the FY2016 allocations for the expenses associated with the Tennessee Department of Environment and Conservation permitting and environmental mitigation requirements for various City capital improvement projects. All Carry Forward dollars are planned expenditures toward either projects previously approved by Council on an individual basis and are now under design or are projects that have been identified as needed by Public Works or Engineering.

**Operating Budget Impact:**

None

**Project Detail - 5 Year Summary**

	Carry Forward	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
<b>Revenue Sources</b>							
General Obligation Bonds	1,991,987	0	0	50,000	50,000	50,000	2,141,987
<b>Total Revenues</b>	<b>1,991,987</b>	<b>0</b>	<b>0</b>	<b>50,000</b>	<b>50,000</b>	<b>50,000</b>	<b>2,141,987</b>
<b>Expenditure Types</b>							
Engineering - Architecture	1,991,987	0	0	50,000	50,000	50,000	2,141,987
<b>Total Expenditures</b>	<b>1,991,987</b>	<b>0</b>	<b>0</b>	<b>50,000</b>	<b>50,000</b>	<b>50,000</b>	<b>2,141,987</b>

**Project Name** FY'17 Bridge Repair Coverline

**Project Number** ST17400

**Division Priority** 4

**Project Description / Justification:**

This project carry forward the FY2016 allocation for storm water related repairs and improvements to the City's 350 existing bridges. Two to three major projects and several smaller projects are expected each year. The types of projects anticipated include channel improvements to enhance storm water flow, rip rap placement and scour protection. All Carry Forward dollars are planned expenditures toward either projects previously approved by Council on an individual basis and are now under design or are projects that have been identified as needed by Public Works or Engineering.

**Operating Budget Impact:**

None.

**Project Detail - 5 Year Summary**

	Carry Forward	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
<b>Revenue Sources</b>							
General Obligation Bonds	4,189,049	0	0	0	0	0	4,189,049
<b>Total Revenues</b>	<b>4,189,049</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4,189,049</b>
<b>Expenditure Types</b>							
Engineering - Architecture	507,052	0	0	0	0	0	507,052
Contract Construction	3,681,997	0	0	0	0	0	3,681,997
<b>Total Expenditures</b>	<b>4,189,049</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4,189,049</b>

**Project Name** FY'17 Flood Control Coverline

**Project Number** ST17300

**Division Priority** 5

**Project Description / Justification:**

This project carry forward the FY2016 allocation for the rehabilitation of existing flood control pumping stations. All Carry Forward dollars are planned expenditures toward either projects previously approved by Council on an individual basis and are now under design or are projects that have been identified as needed by Public Works or Engineering.

**Operating Budget Impact:**

None.

**Project Detail - 5 Year Summary**

	Carry Forward	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
<b>Revenue Sources</b>							
General Obligation Bonds	6,366,969	0	600,000	1,100,000	1,100,000	1,000,000	10,166,969
<b>Total Revenues</b>	<b>6,366,969</b>	<b>0</b>	<b>600,000</b>	<b>1,100,000</b>	<b>1,100,000</b>	<b>1,000,000</b>	<b>10,166,969</b>
<b>Expenditure Types</b>							
Engineering - Architecture	100,000	0	100,000	100,000	100,000	0	400,000
Contract Construction	6,266,969	0	500,000	1,000,000	1,000,000	1,000,000	9,766,969
<b>Total Expenditures</b>	<b>6,366,969</b>	<b>0</b>	<b>600,000</b>	<b>1,100,000</b>	<b>1,100,000</b>	<b>1,000,000</b>	<b>10,166,969</b>



**Project Name** Stormwater Pollution - ST

**Project Number** ST04038

**Division Priority** 6

**Project Description / Justification:**

This project carry forward the FY2016 allocations for the construction of stormwater pollution treatment units such as screens, retention ponds, and clarifiers on various storm drains as required by EPA. All Carry Forward dollars are planned expenditures toward either projects previously approved by Council on an individual basis and are now under design or are projects that have been identified as needed by Public Works or Engineering.

**Operating Budget Impact:**

None

**Project Detail - 5 Year Summary**

	Carry Forward	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
<b>Revenue Sources</b>							
General Obligation Bonds	12,100,000	0	0	150,000	150,000	150,000	12,550,000
<b>Total Revenues</b>	<b>12,100,000</b>	<b>0</b>	<b>0</b>	<b>150,000</b>	<b>150,000</b>	<b>150,000</b>	<b>12,550,000</b>
<b>Expenditure Types</b>							
Engineering - Architecture	1,850,000	0	0	50,000	50,000	50,000	2,000,000
Contract Construction	10,250,000	0	0	100,000	100,000	100,000	10,550,000
<b>Total Expenditures</b>	<b>12,100,000</b>	<b>0</b>	<b>0</b>	<b>150,000</b>	<b>150,000</b>	<b>150,000</b>	<b>12,550,000</b>

**Project Name** FY'17 Curb & Gutter Coverline

**Project Number** ST17600

**Division Priority** 7

**Project Description / Justification:**

This project carry forward the FY2016 allocation for the repair and replacement of curbs and gutters throughout the City. All Carry Forward dollars are planned expenditures toward either projects previously approved by Council on an individual basis and are now under design or are projects that have been identified as needed by Public Works or Engineering.

**Operating Budget Impact:**

None.

**Project Detail - 5 Year Summary**

	Carry Forward	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
<b>Revenue Sources</b>							
General Obligation Bonds	5,751,838	0	0	0	0	0	5,751,838
<b>Total Revenues</b>	<b>5,751,838</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>5,751,838</b>
<b>Expenditure Types</b>							
Contract Construction	5,751,838	0	0	0	0	0	5,751,838
<b>Total Expenditures</b>	<b>5,751,838</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>5,751,838</b>

**Project Name** Airways over Nonconnah

**Project Number** ST03111

**Division Priority** 8

**Project Description / Justification:**

This project carry forward FY16 allocation to replace the existing Airways Bridge over Nonconnah Creek which the State has determined to have structural deficiencies due to stream channel degradation. All Carry Forward dollars are planned expenditures toward either projects previously approved by Council on an individual basis and are now under design or are projects that have been identified as needed by Public Works or Engineering.

**Operating Budget Impact:**

None.

**Project Detail - 5 Year Summary**

	Carry Forward	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
<b>Revenue Sources</b>							
General Obligation Bonds	8,810,027	0	0	0	0	0	8,810,027
<b>Total Revenues</b>	<b>8,810,027</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>8,810,027</b>
<b>Expenditure Types</b>							
Engineering - Architecture	517,130	0	0	0	0	0	517,130
Contract Construction	8,292,897	0	0	0	0	0	8,292,897
<b>Total Expenditures</b>	<b>8,810,027</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>8,810,027</b>

**Project Name** Bartlett Rd/Fletcher - ST  
**Project Number** ST01089  
**Division Priority** 9

**Project Description / Justification:**

This project carry forward the FY2016 allocation for improvements to Bartlett Road that creates a three-lane roadway. This is due in large part to the recent widening of Raleigh LaGrange Road and the scheduled widening of Summer Avenue by TDOT, which is expected to create an increase in traffic on Bartlett Road. The bridge near Fletcher Creek is also in need of replacement. Adjustments to the channel are required to conform to Fletcher Creek Storm Water Project which begin in FY 2013. All Carry Forward dollars are planned expenditures toward either projects previously approved by Council on an individual basis and are now under design or are projects that have been identified as needed by Public Works or Engineering.

**Operating Budget Impact:**  
 None

**Project Detail - 5 Year Summary**

	Carry Forward	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
<b>Revenue Sources</b>							
General Obligation Bonds	6,138,960	0	0	0	0	0	6,138,960
<b>Total Revenues</b>	<b>6,138,960</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>6,138,960</b>
<b>Expenditure Types</b>							
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
<b>Total Expenditures</b>	<b>6,138,960</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>6,138,960</b>

**Project Name**     Watkins Storm Water

**Project Number**   ST03084

**Division Priority**   10

**Project Description / Justification:**

This project carry forward the FY2016 allocation for the replacement of Watkins Bridge over Cypress Creek. The existing bridge has been rated "Scour Critical" by the State. The channel has degraded significantly over the years threatening the bridge piers and the embankments are failing. The replacement bridge will span the creek without piers in the channel which impede storm water flow. All Carry Forward dollars are planned expenditures toward either projects previously approved by Council on an individual basis and are now under design or are projects that have been identified as needed by Public Works or Engineering.

**Operating Budget Impact:**

None

**Project Detail - 5 Year Summary**

	Carry Forward	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
<b>Revenue Sources</b>							
General Obligation Bonds	852,295	0	0	0	0	0	852,295
<b>Total Revenues</b>	<b>852,295</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>852,295</b>
<b>Expenditure Types</b>							
Engineering - Architecture	452,295	0	0	0	0	0	452,295
Contract Construction	400,000	0	0	0	0	0	400,000
<b>Total Expenditures</b>	<b>852,295</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>852,295</b>

**Project Name** FY'17 Sub Drain ST Coverline

**Project Number** ST17200

**Division Priority** 11

**Project Description / Justification:**

This project carry forward the FY2016 allocation for drainage projects in new developments. The developer is responsible for the coats of the first 100 square feet of any cross-sectional area of a drainage ditch. Any cost beyond the 100 square feet are covered by the City through this project. All Carry Forward dollars are planned expenditures toward either projects previously approved by Council on an individual basis and are now under design or are projects that have been identified as needed by Public Works or Engineering.

**Operating Budget Impact:**

None.

**Project Detail - 5 Year Summary**

	Carry Forward	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
<b>Revenue Sources</b>							
General Obligation Bonds	1,000,000	0	0	0	0	0	1,000,000
<b>Total Revenues</b>	<b>1,000,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,000,000</b>
<b>Expenditure Types</b>							
Engineering - Architecture	149,000	0	0	0	0	0	149,000
Contract Construction	851,000	0	0	0	0	0	851,000
<b>Total Expenditures</b>	<b>1,000,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,000,000</b>

# APPENDIX

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## Summary and Status of FY 2015-16 Project Carryforward And

### FY 2015-16 Projects Introduced and Approved After the FY2015-16 Adopted Budget

Most Capital Projects have completion duration of more than one year, or in the case of some major capital maintenance programs, are funded on an annual basis. This typically results in some appropriations carrying from one fiscal year to the next, either from encumbered purchase orders or unspent appropriations. The information below provides an estimate of projects that will carry appropriations and continued spending into the new fiscal year, and projects that were approved by the governing body after the adopted CIP plan was approved. Carryforward amounts presented here are estimates as of the publication date of this document and represents ongoing projects that are of a significant dollar amount and/or are considered high profile.

Division	Project Number	Project Name	Total Amount Allocated as of 6/30/2016	Total Amount Appropriated as of 6/30/2016
Public Works	ST03161	Main to Main Segment 1	3,372,695	3,372,695
Public Works	ST03158	Main to Main Segment 2	3,951,614	3,951,614
Public Works	ST03162	Main to Main Segment 3	2,867,926	2,867,926
Public Works	PW04090	Main to Main Segment 4	24,373,495	24,373,495
Public Works	PW04093	Main to Main Segment 5	4,637,951	4,637,951
Housing & Comm Dev	CD01092	Raleigh Mall Redevelop	31,500,000	31,275,000
General Services	GS01028	Energy Conservation-Ben Hooks Central Library	2,400,000	2,400,000
General Services	GS01031 - GS01035	City of Memphis Municipal Complex Phases 1 thru 5	6,550,000	6,550,000
General Services	GS01029	170 N. Main Project	7,730,000	7,730,000
Police	PD02011	444 No. Main Relocation	1,277,000	1,277,000
Police	PD04022	In Car Video/GPS/Body Cameras	5,382,900	5,382,900
			<b>94,043,581</b>	<b>93,818,581</b>



