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# *City of Memphis*



## **MISSION**

The City of Memphis, its Employees, and City Partnerships will provide responsive and cost effective services through the enhancement of Employee, Neighborhood, Youth, and Business Development.

## **VISION**

To be recognized globally as the City of choice in which to live, learn, work, and recreate.

## **CORE VALUES**

- Honesty, in All Transactions
- Excellence, in All We Do
- Responsiveness, to All We Serve
- Safety, in All Environments



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**CITY OF MEMPHIS**  
**A C Wharton, MAYOR**  
**Jack Sammons, CHIEF ADMINISTRATIVE OFFICER**

**ADMINISTRATION**

Brian Collins ..... Director, Finance  
Michael Putt ..... Director, Fire Services  
Toney Armstrong ..... Director, Police Services  
Dwan Gilliom ..... Director, Public Works  
Quintin Robinson ..... Director, Human Resources  
Janet Hooks ..... Director, Parks & Neighborhoods  
Antonio Adams ..... Director, General Services  
Robert Lipscomb ..... Director, Housing & Community Development/MHA  
Richard Copeland ..... Director, Planning and Development  
Herman Morris ..... City Attorney, Legal  
John Cameron ..... City Engineer, Engineering  
Brenton Nair ..... Chief Information Officer

**CITY COUNCIL**

Myron Lowery, Chairperson (District 8-3)

Bill Morrison ..... District 1  
William C Boyd ..... District 2  
Harold B. Collins ..... District 3  
Wanda Halbert ..... District 4  
Jim Strickland ..... District 5  
Edmund Ford, Jr ..... District 6  
Berlin Boyd ..... District 7  
Joe W. Brown ..... District 8-1  
Janis Fullilove ..... District 8-2  
Myron Lowery ..... District 8-3  
Kemp Conrad ..... District 9-1  
Alan Crone ..... District 9-2  
Reid Hedgepeth ..... District 9-3

**COURTS**

Tarik B. Sugarmom, Administrative Judge (Division 2)

Ernestine Hunt Dorse ..... City Court Judge Division 1  
Jayne R. Chandler ..... City Court Judge Division 3  
Thomas E. Long ..... City Court Clerk

**Prepared by:**

**Division of Finance, Budget Office**

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<b>Introduction .....</b>	<b>5</b>
<b>CAPITAL IMPROVEMENT PROGRAM</b>	
<b>City Wide Summary .....</b>	<b>16</b>
<b>City Wide</b>	
<b>City Engineer</b>	
<b>Division Summary .....</b>	<b>27</b>
<b>Convention Center</b>	
<b>Division Summary .....</b>	<b>43</b>
<b>Executive</b>	
<b>Division Summary .....</b>	<b>47</b>
<b>Fire Services</b>	
<b>Division Summary .....</b>	<b>51</b>
<b>General Services</b>	
<b>Division Summary .....</b>	<b>65</b>
<b>Housing and Community Development</b>	
<b>Division Summary .....</b>	<b>79</b>
<b>MATA</b>	
<b>Division Summary .....</b>	<b>85</b>
<b>Parks Services</b>	
<b>Division Summary .....</b>	<b>97</b>
<b>Police Services</b>	
<b>Division Summary .....</b>	<b>109</b>
<b>Public Works</b>	
<b>Division Summary .....</b>	<b>123</b>



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**Riverfront Development**

Division Summary..... 173

**Sewer Fund**

Division Summary..... 179

**Storm Water**

Division Summary..... 193



# CAPITAL IMPROVEMENT BUDGET OVERVIEW

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## 2016 Capital Improvement Budget Process

The Fiscal Years 2016-2020 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.

Preparing the Capital Improvement Program requires identifying the various sources of revenue for projects such as general obligation bonds, federal grants, state grants, private funds and Capital Pay As You Go. Each project must be evaluated as to its impact including the operational budgetary impact.

The CIP process begins in October with the submission of projects by each Division to the CIP committee. The CIP Committee is comprised of various Division representatives of the City's operations. The CIP Committee evaluate, scores and ranks projects by priority. Projects are ranked using various criteria such as the amount of funds available, importance to the overall mission of the Division, and strategic priorities of the City. Projects with the highest priority receive the available funding. The budget plan is reviewed the City's bond counsel and the Mayor, who will adjust final priorities. Any final adjustments are then incorporated. The final proposed CIP budget is presented to the City Council in April.

Adoption of the CIP budget by the City Council allows for the allocation of funds for the first year of the program. 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 \$65.0 million per year. Specific language on how to appropriate and spend construction funds is contained in the CIP resolution. Projects allocated in previous years' Capital Budgets, that have been delayed, maybe reprogrammed, according to the priorities of the administration for spending in the new plan.

## Financing the Capital Improvement Program

The City's proposed Capital Budget is \$188.9 million in total allocations for FY 2016. 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 \$61.8 million or 32.73% of the total revenue for the FY 2016.

### Federal Grants / State Grants

Federal and State grants represent \$22.0 million or 11.66% of the revenue in the FY 2016 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 funding 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.



# CAPITAL IMPROVEMENT BUDGET OVERVIEW

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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.

## Capital Improvement Budget Highlights

Spending that aligns with current priorities is focused on projects that enhance the City's economic development strategy, projects that leverage federal or private funding, projects mandated by law, and projects that maintain existing facilities. The FY2016 CIP Budget places a strong emphasis on road paving as administration has included \$14.8 million in GO Bond funding in the capital budget.

Highlights of other priorities are:

**The Fire Division** - Funding made available for construction repairs on all fire stations and to purchase personal prevention equipment.

**The Police Division** – Funding made available for the purchase of In-Car Videos/GPS, a Mobile Command Unit and Communication Power Supply.

**The Public Works Division** -Funding made available to pave more than 400 lane miles of streets each year including ADA ramp improvements, and several road projects. The **Stormwater Fund** CIP budget will allow the City to make major investments in drainage infrastructure throughout the City. The **Sewer Fund** projects are for the repair and replacement of sewer infrastructure, new sewer connections and improvements to the treatment plants.

**The General Services Division** - The FY2016 GS funding features the Walter Simmons relocation project. Funding is also proposed to provide for major ADA improvements, and minor improvements to various City buildings. This budget also reflects \$9.6 million for City-wide vehicle and equipment purchases. Included in capital acquisition is funding for 115 police vehicles and 20 PST vehicle for police traffic responders. This area also includes requests funds for 3 fire engines.

**Housing and Community Development** - Budget funding included for MHA-Foote Cleaborn Future Hope and Mason Village COGIC projects.

**The Engineering Division** - Funding is included for replacement of traffic signals and transportation improvements.

**Riverfront Development** - Funding from FY2015 has been reprogrammed in the FY 2016 budget for repairs and replacement of historic cobblestone paving, water taxi system, and railroad crossing/ADA improvements.

**The Memphis Area Transit Authority** - This budget is heavily leveraged by Federal and State funding. This year's budget includes, repairs to the trolley system and infrastructure and also include the purchase of rail vehicles.

**Parks and Neighborhoods** - Funding will provide rehabilitation to the Pink Palace Planetarium and Museum in addition to various other city parks and facilities.

# CAPITAL IMPROVEMENT BUDGET OVERVIEW

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## The Impact of Debt Service Cost and Operating Cost for FY 2016

The financial impact of CIP projects is the annual cost of debt service. Debt service projects impacting the operational cost result from the issuance of General Obligation (G.O.) Bonds. The property tax rate finances the debt fund, which pays the debt service. As debt increases, larger portions of property tax revenue is assigned to debt, and therefore, reduces resources for operating costs.

This document lists all CIP projects totals for FY2016. All projects that are above a total cost of \$1.0 million in the CIP program for FY2016 are detailed below along with their related G.O. funding amounts, and the associated debt service payments and operating budget cost. 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.

### Division: General Services

**Project Name: Walter Simmons/Overton Park Relocation**      **Project Number: GS01026**

To build a Centralized Facility for the Property Maintenance section that will be vacating the current Overton Park location.

G.O. Funding: \$6.0m

Debt Service Impact: \$75.0k  
Operating Budget Impact: \$250k

### Division: Housing and Community Development

**Project Name: MHA-Foote Cleaborn Future Hope**      **Project Number: CD01034**

The South City CNI-Foote Homes Project is an aggressive effort that will provide new rental housing to a mixed income population. The Choice Neighborhoods Redevelopment area is approximately 2 sq. miles. The revitalized community will consist of approximately 460+ new units (420 replacement housing, LIHTC and Market Rate housing units); transformation of the CNI area to include demolition of existing dwellings, the Foote Homes site; improved park & open space, community facilities, library, neighborhood retail and comprehensive supportive services and programs. The physical plan will be implemented in multiple phases on the old Foote Homes site and in the surrounding neighborhood on acquired land. Other components include locating commercial and retail spacing along Vance Avenue and Fourth Street; construction of an early childhood center near Danny Thomas and Vance; and other neighborhood investments.

G.O. Funding: \$1.5m

Debt Service Impact: \$18.8k  
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, highly quality, mixed income housing.

G.O. Funding: \$2.0m

Debt Service Impact: \$25.0k  
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: \$2.3m

Debt Service Impact: \$28.8k  
Operating Budget Impact: None

## **Division: Police**

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

**Project Number: PS04022**

This project will install mobile in-car video cameras and GPS tracking devices in 900 police cars. This project is spread out over a seven year lease to own period.

G.O. Funding: \$3.0m

Debt Service Impact: \$37.5k  
Operating Budget Impact: \$175k

## **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: \$14.8m

Debt Service Impact: \$185k  
Operating Budget Impact: \$5.1m



# 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 fund current project through the use of fund balance. CWSRF is a line of credit that is available for the Planning, Design, and Construction Phases of wastewater facilities. The funds may be used for all three phases in any combination. Eligible projects include new construction or the upgrading/expansion of existing facilities and may encompass wastewater treatment plants, pump stations, force mains, collector sewers, interceptors, elimination of combined sewer overflows, and/or 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.

### **Project Name: Rehab Existing Sewers**

**Project Number: SW02001**

This project provides funds for the repair, rehabilitation or replacement of portions of the existing sewer collection and treatment system as needed. Any reprogrammed dollars for A&E, Land Acquisition, and Construction for FY16 will be funded by Capital Pay Go Sewer.

G.O. Funding: None

Debt Service Impact: None  
Operating Budget Impact: None

### **Project Name: Sewer Assessment and Rehab**

**Project Number: SW05001**

Service area wide sanitary sewer condition assessment and rehabilitation program in response to State/Federal mandates. Funding will be from the Clean Water State Revolving Fund (CWSRF) loan and Capital Pay Go-Sewer (CPG). Any reprogrammed dollars for FY16 will be funded by CWSRF or CPG.

G.O. Funding: None

Debt Service Impact: None  
Operating Budget Impact: None

### **Project Name: South Plant Expansion**

**Project Number: SW02033**

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

G.O. Funding: None

Debt Service Impact: None  
Operating Budget Impact: None

### **Project Name: Stiles Plant Modification**

**Project Number: SW04009**

This project is a cover line and provides funds for the construction of additional treatment facilities, modification of existing treatment facilities, and ancillary structures as need in order to meet Federal and State requirements. Any reprogrammed dollars for A&E or Construction for FY16 will be funded by Capital Pay Go Sewer.

G.O. Funding: None

Debt Service Impact: None  
Operating Budget Impact: None

# CAPITAL IMPROVEMENT BUDGET OVERVIEW

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**Project Name: Covered Anaerobic Lagoon**

**Project Number: SW02011**

This project will cover the remaining anaerobic sludge lagoon at Maxson Plant, expanding/renovating the existing dewatering/sludge handling/processing facilities and upgrading the maintenance facilities. These upgrades are in response to Federal and State mandates. Any reprogrammed dollars for A&E, Land Acquisition, or Construction for FY16 will be funded by Capital Pay Go Sewer.

G.O. Funding: None

Debt Service Impact: None

Operating Budget Impact: None

# CAPITAL IMPROVEMENT BUDGET OVERVIEW

Project Number	Project Name	Reprogrammed Amount	FY 2016	Total FY 2016
<b>CITY ENGINEERING</b>				
EN01003	URBAN ART	375,000	350,000	725,000
EN01004	TRAFFIC SIGNALS	0	700,000	700,000
EN01007	TRAFFIC CALMING DEVICES	282,000	300,000	582,000
EN01026	MEDICAL CTR STREETScape	3,940,000	0	3,940,000
EN01035	STP BIKE ROUTES	438,659	0	438,659
EN01036	STP PEDESTRAIN ROUTES	221,182	0	221,182
EN01037	CMAQ BIKE ROUES	1,750,000	0	1,750,000
EN01049	STP ISOL TRG SIGN IMPR - 1	3,900,620	0	3,900,620
EN01050	STP ISOL TRG SIGN IMPR - 2	3,431,981	0	3,431,981
EN01051	STP ISOL TRG SIGN IMPR - 3	3,118,820	0	3,118,820
EN01055	TRANSPORTATION ALTERNATIVES	136,000	0	136,000
EN01056	SIGN SHOP RELOCATION	500,000	0	500,000
EN01067	HSIP COVER LINE	0	200,000	200,000
	<b>Total Engineering</b>	<b>18,094,262</b>	<b>1,550,000</b>	<b>19,644,262</b>
<b>CONVENTION CENTER</b>				
GA01020	CONVENTION CENTER MAJOR MODIFICATIONS	0	1,500,000	1,500,000
	<b>Total Convention Center</b>	<b>0</b>	<b>1,500,000</b>	<b>1,500,000</b>
<b>EXECUTIVE</b>				
GA01021	GRANT COVER LINE	250,000	0	250,000
	<b>Total Executive</b>	<b>250,000</b>	<b>0</b>	<b>250,000</b>
<b>FIRE</b>				
FS02001	FIRE STATION REPAIRS	1,927,419	0	1,927,419
FS02011	REPLACE FIRE STATION #43	214,000	0	214,000
FS02027	EMA SIRENS	135,935	78,000	213,935
FS04001	PERSONAL PROTECTIVE EQUIP.	0	985,325	985,325
	<b>Total Fire</b>	<b>2,277,354</b>	<b>1,063,325</b>	<b>3,340,679</b>
<b>GENERAL SERVICES</b>				
GS01007	CITY WIDE MAJOR MAINTENANCE	0	2,880,000	2,880,000
GS01026	WALTER SIMMONS/ OV PARK (Relocate due to Eggleston)	0	6,000,000	6,000,000
GS0215A-G	CITY WIDE FLEET ACQUISITIONS	0	9,674,980	9,674,980
	<b>Total General Services</b>	<b>0</b>	<b>18,554,980</b>	<b>18,554,980</b>
<b>HOUSING AND COMMUNITY DEVELOPMENT</b>				
CD01034	CLEABORN HOPE VI	0	7,788,106	7,788,106
CD01094	SOUTH MEMPHIS ALLIANCE	0	650,000	650,000
CD02011	MASON VILLAGE	0	2,000,000	2,000,000
	<b>Total HCD</b>	<b>0</b>	<b>10,438,106</b>	<b>10,438,106</b>
<b>MATA</b>				
GA03001	MATA-SERVICE VEHICLES	0	300,000	300,000
GA03007	MATA-BUS REPLACEMENT	0	2,000,000	2,000,000
GA03011	MATA-PARATRANSIT BUS	0	300,000	300,000
GA03022	MATA-ADV PUBLIC TRANSPORTATION SYSTEM	0	1,000,000	1,000,000



# CAPITAL IMPROVEMENT BUDGET OVERVIEW

Project Number	Project Name	Reprogrammed Amount	FY 2016	Total FY 2016
GA03024	RAIL FACILITY IMPROVEMENTS	0	2,000,000	2,000,000
GA03025	BUS FACILITY IMPROVEMENTS	0	2,000,000	2,000,000
GA03026	RAIL VEHICLES	0	11,250,000	11,250,000
	<b>Total MATA</b>	<b>0</b>	<b>18,850,000</b>	<b>18,850,000</b>

## PARKS & NEIGHBORHOODS

PK07114	PARKS COVER LINE	0	3,135,000	3,135,000
PK07115	DENVER PARK	704,000	0	704,000
PK08017	PINK PALACE REHABILITATION	2,000,000	900,000	2,900,000
PK08033	RADIO TOWER MAINTENANCE	0	160,000	160,000
PK08034	TEEN LEARNING LAB	0	175,000	175,000
PK08035	WYPL-TV AND RADIO EQUIPMENT	0	190,000	190,000
PK09002	ZOO MAJOR MAINTENANCE	0	250,000	250,000
	<b>Total Parks &amp; Neighborhoods</b>	<b>2,704,000</b>	<b>4,810,000</b>	<b>7,514,000</b>

## POLICE

PD02004	POLICE FACILITIES RENOVATIONS (Academy , Evidence Room)	187,827	0	187,827
PD04022	IN-CAR VIDEO / GPS	380,000	4,500,000	4,880,000
PD04023	COMMUNICATION'S POWER SUPPLY	0	450,000	450,000
PD04024	MOBILE COMMAND	0	212,192	212,192
	<b>Total Police</b>	<b>567,827</b>	<b>5,162,192</b>	<b>5,730,019</b>

## PUBLIC WORKS

PW01023	SECOND /I-40 / CEDAR	3,952,000	0	3,952,000
PW01025	WINCHESTER / PERKINS	1,265,000	0	1,265,000
PW01056	HOLMES - MILLBRANCH TO EAST	2,005,000	0	2,005,000
PW01058	WALNUT GROVE / BEND/ ROCKY POINT	5,355,000	0	5,355,000
PW01059	FOREST HILL/ IRENE /WALNUT GROVE	200,000	0	200,000
PW01064	ELVIS PRESLEY/SHELBY/WINCHESTER	35,939,087	0	35,939,087
PW01179	HOLMES ROAD EAST MALONE -LAMAR	7,094,000	0	7,094,000
PW01181	POPLAR/SWEETBRIAR INTERCHANGE	2,200,000	0	2,200,000
PW01199	STP REPAVING	11,148,000	0	11,148,000
PW01245	STP BIKE / PED GROUP	674,120	0	674,120
PW01246	IP INFRASTRUCTURE	450,000	0	450,000
PW01251	CORNING PED IMPROVEMENTS	131,300	0	131,300
PW01252	BROOKS ROAD BRIDGE REPAIR	1,447,000	0	1,447,000
PW01253	SAM COOPER BRIDGE REPAIR	332,000	0	332,000
PW01254	STP GROUP 5 RESURFACING	7,830,000	0	7,830,000
PW01255	CHELSEA AVENUE GREENLINE	280,882	0	280,882
PW01256	OVERTON PARK - COOPER ST TRAIL	31,200	0	31,200
PW01257	SHELBY FARMS GREENLINE TRAIL	375,000	0	375,000
PW01258	ROW UTILITY USAGE STUDY	700,000	0	700,000
PW01260	SANDBROOK REALIGNMENT	500,000	0	500,000
PW01261	PAUL LOWERY ROAD EXTENSION	2,300,000	0	2,300,000
PW01262	PATTERSON REALIGNMENT	240,000	2,110,000	2,350,000
PW01269	VOLLINTINE EVERGREEN COMMUNITY ASSOC PAVING	0	210,000	210,000
PW01270	TENNESSEE BREWERY	0	2,500,000	2,500,000
PW01272	ASPHALT / PAVING	0	14,790,000	14,790,000
PW02034	STP BRIDGE REPAIR @ VARIOUS LOCATIONS	100,000	0	100,000
PW04007	ADA CURB RAMP	336,279	2,500,000	2,836,279
PW04024	SIDEWALK REPLACE VARIOUS	199,500	450,000	649,500

# CAPITAL IMPROVEMENT BUDGET OVERVIEW

Project Number	Project Name	Reprogrammed	FY 2016	Total FY 2016
		Amount		
PW04066	SAFE ROUTE TO SCHOOL - ROZELLE	40,000	0	40,000
PW04094	WALKER AVE STREETSCAPE	699,436	0	699,436
PW04097	BLIGHT CROSSTOWN	1,000,000	0	1,000,000
PW04102	RIVERDALE RELOCATION	0	600,000	600,000
PW04103	WALKER AVE STREETSCAPE PHASE 2	0	95,000	95,000
PW04108	BINGHAMPTON GATEWAY COMMERCIAL CENTER	0	300,000	300,000
<b>Total Public Works</b>		<b>86,824,804</b>	<b>23,555,000</b>	<b>110,379,804</b>

## RIVERFRONT DEVELOPMENT CORPORATION

GA01004	COBBLESTONE LANDING	7,022,218	0	7,022,218
GA01018	RAILROAD CROSSING / ADA IMPROV	1,700,000	0	1,700,000
GA01019	WATER TAXI SYSTEM	900,000	0	900,000
<b>Total Riverfront Development Corporation</b>		<b>9,622,218</b>	<b>0</b>	<b>9,622,218</b>

## STORM WATER

ST01089	BARTLETT RD / FLETCHER ST	6,138,960	0	6,138,960
ST03006	DRAINAGE -ST	39,804,088	0	39,804,088
ST03008	SUBDIVISION DRAINAGE -ST	1,000,000	0	1,000,000
ST03059	FLOOD CONTROL -ST	8,311,516	300,000	8,611,516
ST03083	BRIDGE REPAIR STORM WATER	4,680,616	0	4,680,616
ST03084	WATKINS STORM WATER	852,295	0	852,295
ST03098	MAJOR DRAINAGE REHAB / REPLACE	28,002,839	0	28,002,839
ST03111	AIRWAYS OVER NONCONNAH	8,836,168	0	8,836,168
ST04010	CURB AND GUTTER - ST	5,813,348	0	5,813,348
ST04038	STORMWATER POLLUTION - ST	12,250,000	0	12,250,000
ST04041	ENVIRONMENTAL PERMITTING - ST	1,991,987	0	1,991,987
<b>Total Storm Water</b>		<b>117,681,817</b>	<b>300,000</b>	<b>117,981,817</b>

## SEWER

SW01001	MISC SUBDIVISION OUTFALLS	20,036,001	0	20,036,001
SW02001	REHAB EXISTING SEWERS	18,151,545	20,000,000	38,151,545
SW02006	SLUDGE DISP/EARTH COMPLEX	7,050,266	0	7,050,266
SW02011	COVERED ANAEROBIC LAGOON	18,187,816	8,500,000	26,687,816
SW02033	SOUTH PLANT EXPANSION	54,219,962	50,000,000	104,219,962
SW03001	SERVICE TO UNSEWERED AREAS	6,034,886	0	6,034,886
SW04004	WOLF RIVER INTERCEPTOR	25,278,344	0	25,278,344
SW04007	ENVIRONMENTAL MAINT RELOCATION	8,000,000	2,100,000	10,100,000
SW04009	STILES PLANT MODIFICATION	17,835,550	2,500,000	20,335,550
SW05001	SEWER ASSESSMENT AND REHAB	34,959,567	20,000,000	54,959,567
<b>Total Sewer</b>		<b>209,753,937</b>	<b>103,100,000</b>	<b>312,853,937</b>

<b>GRAND TOTAL FY 2016</b>	<b>447,776,219</b>	<b>188,883,603</b>	<b>\$ 636,659,822</b>
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# CIP SUMMARY

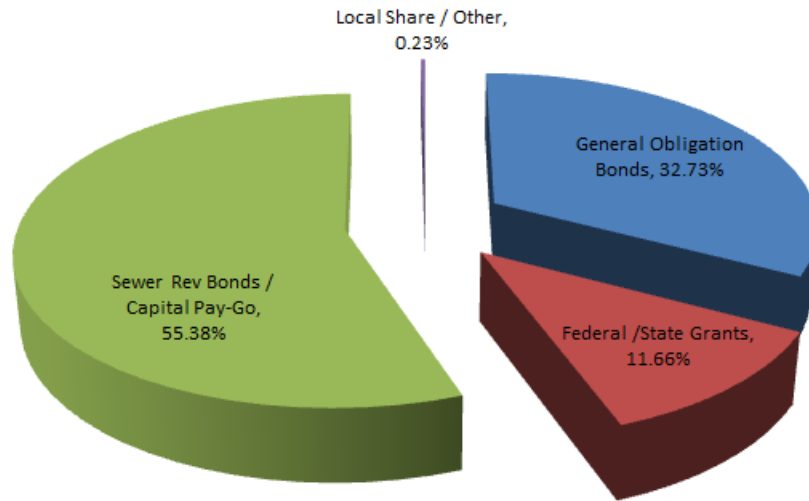
# CITY WIDE

	Reprogram	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Total
<b>Revenue Sources</b>							
General Obligation Bonds	145,617,265	61,825,497	87,923,817	109,647,721	96,279,932	91,971,228	593,265,460
Sewer Revenue Bonds	209,753,937	0	0	12,905,000	12,705,000	11,830,000	247,193,937
Federal Grants CIP	81,203,697	15,080,000	97,603,556	46,513,000	52,312,000	31,440,000	324,152,253
Federal Grants Other	0	6,288,106	8,593,221	8,579,248	8,695,675	9,343,750	41,500,000
State Grants All	6,800,000	660,000	5,150,000	670,000	650,000	650,000	14,580,000
Local Other CIP	4,021,320	430,000	2,271,639	1,250,000	1,250,000	1,250,000	10,472,960
Capital PAY GO	380,000	104,600,000	46,750,000	40,300,000	41,200,000	39,200,000	272,430,000
<b>Total Revenues</b>	<b>447,776,219</b>	<b>188,883,603</b>	<b>248,292,233</b>	<b>219,864,969</b>	<b>213,092,607</b>	<b>185,684,978</b>	<b>1,503,594,609</b>
<b>Expenditure Types</b>							
Engineering - Architecture	127,666,509	74,264,000	47,707,606	42,131,340	35,729,240	36,196,240	363,694,935
Land Acquisition	23,959,527	10,000	13,013,409	832,000	140,000	2,640,000	40,594,936
Land Development	560,000	1,101,005	4,623,844	4,738,340	5,078,470	4,279,971	20,381,630
Contract Construction	293,319,248	76,158,101	143,415,935	149,290,352	133,353,382	103,845,204	899,382,222
Furniture, Fixtures & Equipment	130,000	1,435,000	715,000	3,975,700	3,390,050	6,138,160	15,783,910
Other Cost	1,760,935	21,078,325	34,346,439	13,890,237	29,724,465	18,167,363	118,967,764
Information Technology	380,000	4,500,000	4,470,000	5,007,000	5,677,000	14,418,040	34,452,040
Capital Acquisition	0	10,337,172	0	0	0	0	10,337,172
<b>Total Expenditures</b>	<b>447,776,219</b>	<b>188,883,603</b>	<b>248,292,233</b>	<b>219,864,969</b>	<b>213,092,607</b>	<b>185,684,978</b>	<b>1,503,594,609</b>

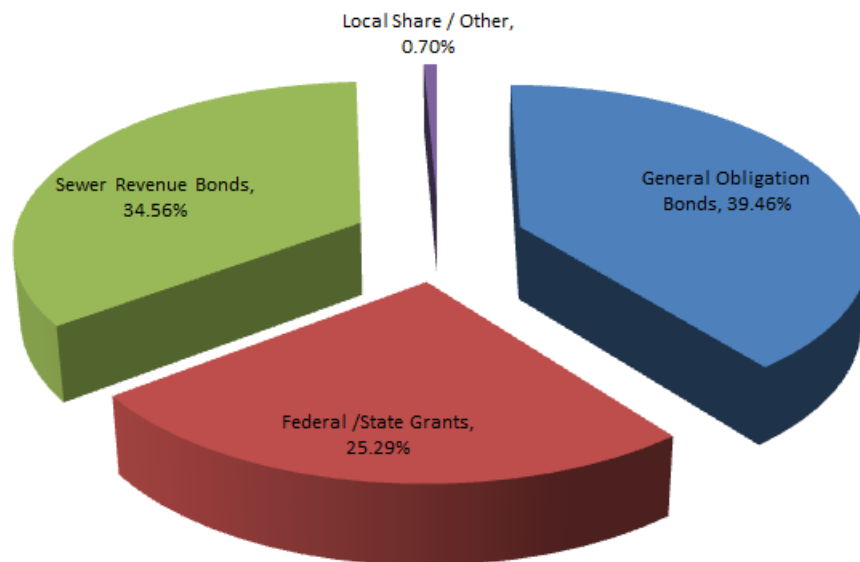




**FY 2016 - 2020  
CAPITAL IMPROVEMENT PROGRAM  
WHERE THE MONEY COMES FROM**



**FY 2016 Budget \$188,883,603**



**FY 2016 - 2020 Programs \$1,503,594,609**

Includes Reprogrammed Allocation

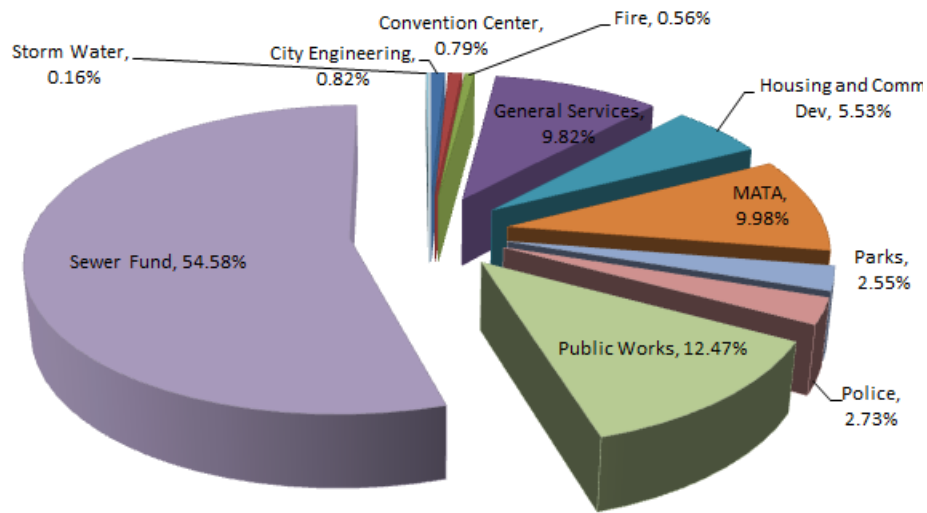
# CIP SUMMARY BY DIVISION

# CITY WIDE

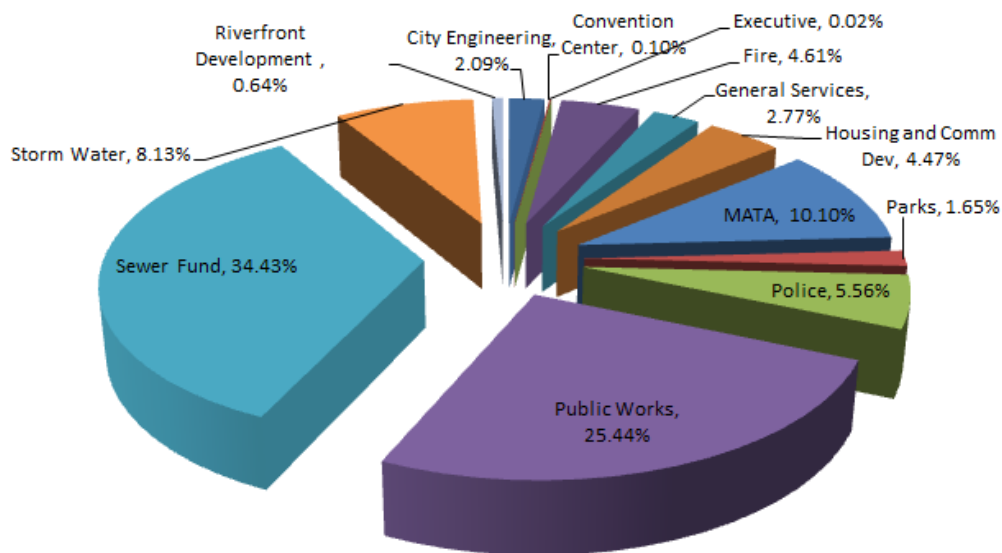
Division	Reprogram	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Total
City Engineering	18,094,262	1,550,000	6,327,000	1,789,000	1,789,000	1,839,000	31,388,262
Convention Center	0	1,500,000	0	0	0	0	1,500,000
Executive	250,000	0	0	0	0	0	250,000
Fire Services	2,277,354	1,063,325	9,487,492	14,295,892	21,217,087	20,914,963	69,256,113
General Services	0	18,554,980	10,000,000	5,145,000	4,000,000	4,000,000	41,699,980
Housing and Community Development	0	10,438,106	15,056,546	12,101,253	12,100,320	17,453,775	67,150,000
MATA	0	18,850,000	48,850,000	24,300,000	35,000,000	24,800,000	151,800,000
Parks and Neighborhood	2,704,000	4,810,000	3,050,000	4,750,000	4,750,000	4,750,000	24,814,000
Police Services	567,827	5,162,192	5,751,000	22,048,000	27,315,200	22,777,240	83,621,459
Public Works	86,824,804	23,555,000	102,370,195	81,330,824	51,616,000	36,770,000	382,466,823
Riverfront Development	9,622,218	0	0	0	0	0	9,622,218
Sewer Fund	209,753,937	103,100,000	46,750,000	53,205,000	53,905,000	51,030,000	517,743,937
Storm Water Fund	117,681,817	300,000	650,000	900,000	1,400,000	1,350,000	122,281,817
<b>Total</b>	<b>447,776,219</b>	<b>188,883,603</b>	<b>248,292,233</b>	<b>219,864,969</b>	<b>213,092,607</b>	<b>185,684,978</b>	<b>1,503,594,609</b>



**FY 2016 - 2020  
CAPITAL IMPROVEMENT PROGRAM  
WHERE THE MONEY GOES**



**FY 2016 Budget \$188,883,603**



**FY 2016 - 2020 Programs \$1,503,594,609**

Includes Reprogrammed Allocation



# CIP RESOLUTION

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## RESOLUTION

**WHEREAS**, the Mayor submitted to the Council of the City of Memphis on April 21<sup>th</sup> 2015 a recommended Capital Acquisition Budget and a Capital Improvement Program for fiscal years 2016 through 2020; and

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

**WHEREAS**, the Budget Committee of the Council will hold meetings and review thoroughly the recommended Capital Acquisition Budget and Capital Improvement Program and will make approved revisions thereto; and

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

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

**WHEREAS**, the Comptroller is authorized to bring forward into the fiscal year 2016 all appropriations for uncompleted projects from the fiscal year 2015 Capital Budget as reprogramming dollars; and

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

**WHEREAS**, in order to achieve this goal all prior years G. O. Bond unappropriated



## CIP RESOLUTION

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allocations, that have not been reprogrammed in the fiscal year 2016 Capital Improvement Budget, shall be unallocated and removed from the Capital Improvement Plan; and

**WHEREAS**, provisions have been made that upon completion or deletion of any authorized project, all unencumbered appropriation on projects completed in FY2016, the funding will be returned to its source by the Comptroller, subject to further appropriation and allocation of said funds by the Council;

**NOW, THEREFORE, BE IT RESOLVED**, by the City Council of Memphis that the fiscal years 2016-2020 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 FY2016-FY2020 CIP Budget Book attached hereto, details the construction projects and capital acquisitions and is made a part of this resolution.

**BE IT FURTHER RESOLVED**, that the fiscal year 2016 allocations in the Capital Improvement Program be and are hereby adopted as the fiscal year 2016 Capital Construction Budget and funds are appropriated for architectural/engineering services and for land options, if necessary. The Administration shall use the following procedures in moving forward with Capital Construction projects:

The Administration shall present to the appropriate Council Committee the schematic design of the project(s) as defined by the standard Architectural and Engineering Agreement used by the City of Memphis, at an architectural or engineering expense not to exceed 20% of the contracted professional fee amount. Projects designed "in house" or gratuitously must

## CIP RESOLUTION

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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 projects with prior years allocation in any stage of design on the date of the 2016 budget adoption, that have not followed the procedure outlined above, must be returned to the Council for approval prior to going to bid.

**BE IT FURTHER RESOLVED** that projects with prior year's allocation, which are not yet in the design process on the date of the adoption of the 2015 CIP budget, and have been allowed for reprogramming, or are funded by funds other than G. O. Bonds, must follow the same procedure outlined above for all 2016 projects.

**BE IT FURTHER RESOLVED**, that upon the completion/bond release of any authorized project, any unencumbered balance on projects completed in FY2016 will be returned to its source of funding, subject to further allocation and appropriation of said funds by the Council.

**BE IT FURTHER RESOLVED**, that the Comptroller be and is hereby authorized to un-allocate and eliminate all prior year allocations that have not been reprogrammed in the fiscal year 2016 Capital Construction Budget.

**BE IT FURTHER RESOLVED**, that after construction funds have been

## CIP RESOLUTION

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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 2016 Capital Construction Budget and the Capital Acquisition Budget be subject to further Council approval.

**BE IT FURTHER RESOLVED**, that any land, building or facility under the jurisdiction of the City of Memphis or which has ever been funded or partially funded by the City of Memphis cannot be demolished, sold, given to, or leased to any non-municipal entity without authorization of the City Council. The authorization does not apply to routine short-term rental. Without authorization of the City Council, no assets may be received by the City.

**BE IT FURTHER RESOLVED**, that there be and is hereby appropriated \$10,337,172, for the acquisition of vehicles and equipment as set forth in the fiscal year 2016 allocation of the Capital Acquisition Budget.

**BE IT FURTHER RESOLVED**, that the Comptroller be and is hereby authorized to bring forward into the fiscal year 2016 Capital Construction Budget all appropriations and only those allocations that have been reprogrammed from the fiscal year 2015 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



## CIP RESOLUTION

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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.

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 23 2015

Valerie C. Squires  
Deputy Comptroller-Council Records



	<u>Reprogram</u>	<u>FY 2016</u>
<b>Revenue Sources</b>		
General Obligation Bonds	1,752,373	1,550,000
Federal Grants CIP	15,571,889	0
Local Other CIP	770,000	0
<b>Total Revenues</b>	<b><u>18,094,262</u></b>	<b><u>1,550,000</u></b>
<b>Expenditure Types</b>		
Engineering - Architecture	2,630,512	200,000
Land Acquisition	5,000	10,000
Contract Construction	15,083,750	575,000
Furniture, Fixtures & Equipment	0	415,000
Other Cost	375,000	350,000
<b>Total Expenditures</b>	<b><u>18,094,262</u></b>	<b><u>1,550,000</u></b>



	Reprogram	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Total
<b>Revenue Sources</b>							
General Obligation Bonds	1,752,373	1,550,000	5,579,000	1,789,000	1,789,000	1,839,000	14,298,373
Federal Grants CIP	15,571,889	0	748,000	0	0	0	16,319,889
Local Other	770,000	0	0	0	0	0	770,000
<b>Total Revenues</b>	<b>18,094,262</b>	<b>1,550,000</b>	<b>6,327,000</b>	<b>1,789,000</b>	<b>1,789,000</b>	<b>1,839,000</b>	<b>31,388,262</b>
<b>Expenditure Types</b>							
Engineering - Architecture	2,630,512	200,000	318,000	218,000	218,000	218,000	3,802,512
Land Acquisition	5,000	10,000	10,000	10,000	10,000	10,000	55,000
Contract Construction	15,083,750	575,000	5,034,000	711,000	711,000	711,000	22,825,750
Furniture, Fixtures & Equipment	0	415,000	615,000	450,000	450,000	450,000	2,380,000
Other Cost	375,000	350,000	350,000	400,000	400,000	450,000	2,325,000
<b>Total Expenditures</b>	<b>18,094,262</b>	<b>1,550,000</b>	<b>6,327,000</b>	<b>1,789,000</b>	<b>1,789,000</b>	<b>1,839,000</b>	<b>31,388,262</b>

# CIP 2016 DIVISION SUMMARY

CITY ENGINEER

Division Priority	Project Number	Project Name	Reprogram	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Total
1	EN01004	Traffic Signals	0	700,000	700,000	760,000	760,000	760,000	3,680,000
2	EN01007	Traffic Calming Devices	282,000	300,000	479,000	479,000	479,000	479,000	2,498,000
3	EN01003	Urban Art	375,000	350,000	350,000	400,000	400,000	450,000	2,325,000
4	EN01036	STP Pedestrian Routes	221,182	0	0	0	0	0	221,182
5	EN01035	STP Bike Routes	438,659	0	0	0	0	0	438,659
6	EN01026	Medical CTR Streetscape	3,940,000	0	0	0	0	0	3,940,000
7	EN01037	CMAQ BIKE ROUTES	1,750,000	0	0	0	0	0	1,750,000
8	EN01055	Transportation Alternatives	136,000	0	948,000	0	0	0	1,084,000
9	EN01056	Sign Shop Relocation	500,000	0	3,700,000	0	0	0	4,200,000
10	EN01049	STP Isol Trf Sign Imp-Grp 1	3,900,620	0	0	0	0	0	3,900,620
11	EN01050	STP Isol Trf Sign Imp-Grp 2	3,431,981	0	0	0	0	0	3,431,981
12	EN01051	STP Isol Trf Sign Imp-Grp 3	3,118,820	0	0	0	0	0	3,118,820
13	EN01067	HSIP Cover Line	0	200,000	150,000	150,000	150,000	150,000	800,000
<b>Total</b>			<b>18,094,262</b>	<b>1,550,000</b>	<b>6,327,000</b>	<b>1,789,000</b>	<b>1,789,000</b>	<b>1,839,000</b>	<b>31,388,262</b>



# CIP 2016 DETAIL BY PROJECT

CITY ENGINEER

Project Name Traffic Signals  
 Project Number EN01004  
 Division Priority 1

	<u>Reprogram</u>	<u>FY 2016</u>
<b>Revenue Sources</b>		
General Obligation Bonds	0	700,000
<b>Total Revenues</b>	<b>0</b>	<b>700,000</b>
<b>Expenditure Types</b>		
Engineering - Architecture	0	50,000
Land Acquisition	0	10,000
Contract Construction	0	225,000
Furniture, Fixtures & Equipment	0	415,000
<b>Total Expenditures</b>	<b>0</b>	<b>700,000</b>

**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

	<u>Reprogram</u>	<u>FY 2016</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>Total</u>
<b>Revenue Sources</b>							
General Obligation Bonds	0	700,000	700,000	760,000	760,000	760,000	3,680,000
<b>Total Revenues</b>	<b>0</b>	<b>700,000</b>	<b>700,000</b>	<b>760,000</b>	<b>760,000</b>	<b>760,000</b>	<b>3,680,000</b>
<b>Expenditure Types</b>							
Engineering - Architecture	0	50,000	50,000	50,000	50,000	50,000	250,000
Land Acquisition	0	10,000	10,000	10,000	10,000	10,000	50,000
Contract Construction	0	225,000	225,000	250,000	250,000	250,000	1,200,000
Furniture, Fixtures & Equipment	0	415,000	415,000	450,000	450,000	450,000	2,180,000
<b>Total Expenditures</b>	<b>0</b>	<b>700,000</b>	<b>700,000</b>	<b>760,000</b>	<b>760,000</b>	<b>760,000</b>	<b>3,680,000</b>



# CIP 2016 DETAIL BY PROJECT

CITY ENGINEER

Project Name Traffic Calming Devices  
 Project Number EN01007  
 Division Priority 2

	Reprogram	FY 2016
<b>Revenue Sources</b>		
General Obligation Bonds	282,000	300,000
<b>Total Revenues</b>	<b>282,000</b>	<b>300,000</b>
<b>Expenditure Types</b>		
Engineering - Architecture	0	150,000
Contract Construction	282,000	150,000
<b>Total Expenditures</b>	<b>282,000</b>	<b>300,000</b>

**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 has been identified as a major concern.

**Operating Budget Impact:**

None

	Reprogram	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Total
<b>Revenue Sources</b>							
General Obligation Bonds	282,000	300,000	479,000	479,000	479,000	479,000	2,498,000
<b>Total Revenues</b>	<b>282,000</b>	<b>300,000</b>	<b>479,000</b>	<b>479,000</b>	<b>479,000</b>	<b>479,000</b>	<b>2,498,000</b>
<b>Expenditure Types</b>							
Engineering - Architecture	0	150,000	168,000	168,000	168,000	168,000	822,000
Contract Construction	282,000	150,000	311,000	311,000	311,000	311,000	1,676,000
<b>Total Expenditures</b>	<b>282,000</b>	<b>300,000</b>	<b>479,000</b>	<b>479,000</b>	<b>479,000</b>	<b>479,000</b>	<b>2,498,000</b>



# CIP 2016 DETAIL BY PROJECT

CITY ENGINEER

Project Name Urban Art  
 Project Number EN01003  
 Division Priority 3

	Reprogram	FY 2016
<b>Revenue Sources</b>		
General Obligation Bonds	375,000	350,000
<b>Total Revenues</b>	<b>375,000</b>	<b>350,000</b>
<b>Expenditure Types</b>		
Other Cost	375,000	350,000
<b>Total Expenditures</b>	<b>375,000</b>	<b>350,000</b>

**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

	Reprogram	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Total
<b>Revenue Sources</b>							
General Obligation Bonds	375,000	350,000	350,000	400,000	400,000	450,000	2,325,000
<b>Total Revenues</b>	<b>375,000</b>	<b>350,000</b>	<b>350,000</b>	<b>400,000</b>	<b>400,000</b>	<b>450,000</b>	<b>2,325,000</b>
<b>Expenditure Types</b>							
Other Cost	375,000	350,000	350,000	400,000	400,000	450,000	2,325,000
<b>Total Expenditures</b>	<b>375,000</b>	<b>350,000</b>	<b>350,000</b>	<b>400,000</b>	<b>400,000</b>	<b>450,000</b>	<b>2,325,000</b>





# CIP 2016 DETAIL BY PROJECT

CITY ENGINEER

Project Name STP Pedestrian Routes  
 Project Number EN01036  
 Division Priority 4

	Reprogram	FY 2016
<b>Revenue Sources</b>		
Federal Grants CIP	180,240	0
General Obligation Bonds	40,942	0
<b>Total Revenues</b>	<b>221,182</b>	<b>0</b>
<b>Expenditure Types</b>		
Engineering - Architecture	71,182	0
Contract Construction	150,000	0
<b>Total Expenditures</b>	<b>221,182</b>	<b>0</b>

**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

	Reprogram	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	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>							
Land Acquisition	71,182	0	0	0	0	0	71,182
Contract Construction	150,000	0	0	0	0	0	150,000
<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>



# CIP DETAIL BY PROJECT

CITY ENGINEER

**Project Name** STP Bike Routes  
**Project Number** EN01035  
**Division Priority** 5

	Reprogram	FY 2016
<b>Revenue Sources</b>		
Federal Grants CIP	354,228	0
General Obligation Bonds	84,431	0
<b>Total Revenues</b>	<b>438,659</b>	<b>0</b>
<b>Expenditure Types</b>		
Engineering - Architecture	26,159	0
Contract Construction	412,500	0
<b>Total Expenditures</b>	<b>438,659</b>	<b>0</b>

**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

	Reprogram	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Total
<b>Revenue Sources</b>							
General Obligation Bonds	84,431	0	0	0	0	0	84,431
Federal Grants CIP	354,228	0	0	0	0	0	354,228
<b>Total Revenues</b>	<b>438,659</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>438,659</b>
<b>Expenditure Types</b>							
Land Acquisition	26,159	0	0	0	0	0	26,159
Contract Construction	412,500	0	0	0	0	0	412,500
<b>Total Expenditures</b>	<b>438,659</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>438,659</b>



# CIP 2016 DETAIL BY PROJECT

CITY ENGINEER

Project Name Medical CTR Streetscape  
 Project Number EN01026  
 Division Priority 6

	<u>Reprogram</u>	<u>FY 2016</u>
<b>Revenue Sources</b>		
Federal Grants CIP	3,080,000	0
Local Other CIP	770,000	0
General Obligation Bonds	90,000	0
<b>Total Revenues</b>	<b><u>3,940,000</u></b>	<b><u>0</u></b>
<b>Expenditure Types</b>		
Engineering - Architecture	290,000	0
Contract Construction	3,650,000	0
<b>Total Expenditures</b>	<b><u>3,940,000</u></b>	<b><u>0</u></b>

**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

	<u>Reprogram</u>	<u>FY 2016</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>Total</u>
<b>Revenue Sources</b>							
Federal Grants CIP	3,080,000	0	0	0	0	0	3,080,000
Local Other CIP	770,000	0	0	0	0	0	770,000
General Obligation Bonds	90,000	0	0	0	0	0	90,000
<b>Total Revenues</b>	<b><u>3,940,000</u></b>	<b><u>0</u></b>	<b><u>0</u></b>	<b><u>0</u></b>	<b><u>0</u></b>	<b><u>0</u></b>	<b><u>3,940,000</u></b>
<b>Expenditure Types</b>							
Engineering - Architecture	290,000	0	0	0	0	0	290,000
Contract Construction	3,650,000	0	0	0	0	0	3,650,000
<b>Total Expenditures</b>	<b><u>3,940,000</u></b>	<b><u>0</u></b>	<b><u>0</u></b>	<b><u>0</u></b>	<b><u>0</u></b>	<b><u>0</u></b>	<b><u>3,940,000</u></b>



# CIP DETAIL BY PROJECT

CITY ENGINEER

Project Name CMAQ BIKE ROUTES  
 Project Number EN01037  
 Division Priority 7

	Reprogram	FY 2016
<b>Revenue Sources</b>		
Federal Grants CIP	1,400,000	0
General Obligation Bonds	350,000	0
<b>Total Revenues</b>	<b>1,750,000</b>	<b>0</b>
<b>Expenditure Types</b>		
Contract Construction	1,750,000	0
<b>Total Expenditures</b>	<b>1,750,000</b>	<b>0</b>

**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

	Reprogram	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	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	1,400,000
<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>							
Contract Construction	1,750,000	0	0	0	0	0	1,750,000
<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>



# CIP DETAIL BY PROJECT

CITY ENGINEER

Project Name     Transportation Alternatives  
 Project Number   EN01055  
 Division Priority   8

	<u>Reprogram</u>	<u>FY 2016</u>
<b>Revenue Sources</b>		
Federal Grants CIP	106,000	0
General Obligation Bonds	30,000	0
<b>Total Revenues</b>	<b>136,000</b>	<b>0</b>
<b>Expenditure Types</b>		
Engineering - Architecture	131,000	0
Contract Construction	5,000	0
<b>Total Expenditures</b>	<b>136,000</b>	<b>0</b>

**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

	<u>Reprogram</u>	<u>FY 2016</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>Total</u>
<b>Revenue Sources</b>							
General Obligation Bonds	30,000	0	200,000	0	0	0	230,000
Federal Grants CIP	106,000	0	748,000	0	0	0	854,000
<b>Total Revenues</b>	<b>136,000</b>	<b>0</b>	<b>948,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,084,000</b>
<b>Expenditure Types</b>							
Engineering - Architecture	131,000	0	0	0	0	0	131,000
Contract Construction	5,000	0	948,000	0	0	0	953,000
<b>Total Expenditures</b>	<b>136,000</b>	<b>0</b>	<b>948,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,084,000</b>



# CIP DETAIL BY PROJECT

CITY ENGINEER

**Project Name** Sign Shop Relocation  
**Project Number** EN01056  
**Division Priority** 9

	Reprogram	FY 2016
<b>Revenue Sources</b>		
General Obligation Bonds	500,000	0
<b>Total Revenues</b>	<b>500,000</b>	<b>0</b>
<b>Expenditure Types</b>		
Engineering - Architecture	500,000	0
<b>Total Expenditures</b>	<b>500,000</b>	<b>0</b>

**Project Description / Justification:**

Relocation of City Sign and Markings Shop to former Walter Simmons site.

**Operating Budget Impact:**

None

	Reprogram	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	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>



# CIP DETAIL BY PROJECT

CITY ENGINEER

**Project Name** STP Isol Trf Sign Imprv-Grp 1  
**Project Number** EN01049  
**Division Priority** 10

	<u>Reprogram</u>	<u>FY 2016</u>
<b>Revenue Sources</b>		
Federal Grants CIP	3,900,620	0
<b>Total Revenues</b>	<b>3,900,620</b>	<b>0</b>
<b>Expenditure Types</b>		
Engineering - Architecture	583,870	0
Contract Construction	3,316,750	0
<b>Total Expenditures</b>	<b>3,900,620</b>	<b>0</b>

**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

	<u>Reprogram</u>	<u>FY 2016</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>Total</u>
<b>Revenue Sources</b>							
Federal Grants CIP	3,900,620	0	0	0	0	0	3,900,620
<b>Total Revenues</b>	<b>3,900,620</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3,900,620</b>
<b>Expenditure Types</b>							
Engineering - Architecture	583,870	0	0	0	0	0	583,870
Contract Construction	3,316,750	0	0	0	0	0	3,316,750
<b>Total Expenditures</b>	<b>3,900,620</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3,900,620</b>



# CIP DETAIL BY PROJECT

CITY ENGINEER

**Project Name** STP Isol Trf Sign Imprv-Grp 2  
**Project Number** EN01050  
**Division Priority** 11

	<u>Reprogram</u>	<u>FY 2016</u>
<b>Revenue Sources</b>		
Federal Grants CIP	3,431,981	0
<b>Total Revenues</b>	<b>3,431,981</b>	<b>0</b>
<b>Expenditure Types</b>		
Engineering - Architecture	521,981	0
Contract Construction	2,910,000	0
<b>Total Expenditures</b>	<b>3,431,981</b>	<b>0</b>

**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

	<u>Reprogram</u>	<u>FY 2016</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>Total</u>
<b>Revenue Sources</b>							
Federal Grants CIP	3,431,981	0	0	0	0	0	3,431,981
<b>Total Revenues</b>	<b>3,431,981</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3,431,981</b>
<b>Expenditure Types</b>							
Engineering - Architecture	521,981	0	0	0	0	0	521,981
Contract Construction	2,910,000	0	0	0	0	0	2,910,000
<b>Total Expenditures</b>	<b>3,431,981</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3,431,981</b>





# CIP DETAIL BY PROJECT

CITY ENGINEER

Project Name STP Isol Trf Sign Imprv-Grp 3  
 Project Number EN01051  
 Division Priority 12

	Reprogram	FY 2016
<b>Revenue Sources</b>		
Federal Grants CIP	3,118,820	0
<b>Total Revenues</b>	<b>3,118,820</b>	<b>0</b>
<b>Expenditure Types</b>		
Engineering - Architecture	506,320	0
Contract Construction	2,612,500	0
<b>Total Expenditures</b>	<b>3,118,820</b>	<b>0</b>

**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

	Reprogram	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Total
<b>Revenue Sources</b>							
Federal Grants CIP	3,118,820	0	0	0	0	0	3,118,820
<b>Total Revenues</b>	<b>3,118,820</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3,118,820</b>
<b>Expenditure Types</b>							
Engineering - Architecture	506,320	0	0	0	0	0	506,320
Contract Construction	2,612,500	0	0	0	0	0	2,612,500
<b>Total Expenditures</b>	<b>3,118,820</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3,118,820</b>



# CIP DETAIL BY PROJECT

CITY ENGINEER

Project Name HSIP Cover Line  
 Project Number EN01067  
 Division Priority 13

	Reprogram	FY 2016
<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 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

	Reprogram	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Total
<b>Revenue Sources</b>							
General Obligation Bonds	0	200,000	150,000	150,000	150,000	150,000	800,000
<b>Total Revenues</b>	<b>0</b>	<b>200,000</b>	<b>150,000</b>	<b>150,000</b>	<b>150,000</b>	<b>150,000</b>	<b>800,000</b>
<b>Expenditure Types</b>							
Contract Construction	0	200,000	150,000	150,000	150,000	150,000	800,000
<b>Total Expenditures</b>	<b>0</b>	<b>200,000</b>	<b>150,000</b>	<b>150,000</b>	<b>150,000</b>	<b>150,000</b>	<b>800,000</b>



	<u>Reprogram</u>	<u>FY 2016</u>
<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>		
Furniture, Fixture & Equipment	0	50,000
Contract Construction	0	635,000
Other Cost	0	1,065,000
<b>Total Expenditures</b>	<b>0</b>	<b>1,500,000</b>



	Reprogram	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	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>							
Furniture, Fixtures & Equipment	0	50,000	0	0	0	0	50,000
Contract Construction	0	635,000	0	0	0	0	635,000
Other Cost	0	1,065,000	0	0	0	0	1,065,000
<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>

Division Priority	Project Number	Project Name	Reprogram	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Total
1	GA01020	Convention Center Mod	0	1,500,000	0	0	0	0	1,500,000
<b>Total</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 DETAIL BY PROJECT

# CONVENTION CENTER

**Project Name**      Convention Center Major Mod  
**Project Number**    GA01020  
**Division Priority**    1

	<u>Reprogram</u>	<u>FY 2016</u>
<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>		
Other Cost	0	815,000
Contract Construction	0	635,000
Furniture, Fixtures & Equipment	0	50,000
<b>Total Expenditures</b>	<b>0</b>	<b>1,500,000</b>

**Project Description / Justification:**

This project includes various modifications and improvements to the Memphis Cook Convention Center.

**Operating Budget Impact:**

None

	<u>Reprogram</u>	<u>FY 2016</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>Total</u>
<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>							
Other Cost	0	815,000	0	0	0	0	815,000
Contract Construction	0	635,000	0	0	0	0	635,000
Furniture, Fixtures & Equipment	0	50,000	0	0	0	0	50,000
<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>



	<u>Reprogram</u>	<u>FY 2016</u>
<b>Revenue Sources</b>		
General Obligation Bonds	250,000	0
<b>Total Revenues</b>	<u>250,000</u>	<u>0</u>

<b>Expenditure Types</b>		
Other Cost	250,000	0
<b>Total Expenditures</b>	<u>250,000</u>	<u>0</u>



	Reprogram	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Total
<b>Revenue Sources</b>							
General Obligation Bonds	250,000	0	0	0	0	0	250,000
<b>Total Revenues</b>	<b>250,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>250,000</b>
<b>Expenditure Types</b>							
Other Cost	250,000	0	0	0	0	0	250,000
<b>Total Expenditures</b>	<b>250,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>250,000</b>



Division Priority	Project Number Project Name	Reprogram	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Total
1	GA01021 Grant Cover Line	250,000	0	0	0	0	0	250,000
	<b>Total</b>	<b>250,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>250,000</b>



# CIP DETAIL BY PROJECT

# EXECUTIVE

**Project Name** Grant Cover Line  
**Project Number** GA01021  
**Division Priority** 1

	<u>Reprogram</u>	<u>FY 2016</u>
<b>Revenue Sources</b>		
General Obligation Bonds	250,000	0
<b>Total Revenues</b>	<b>250,000</b>	<b>0</b>
<b>Expenditure Types</b>		
Other Cost	250,000	0
<b>Total Expenditures</b>	<b>250,000</b>	<b>0</b>

**Project Description / Justification:**

Funds that will be reallocated to specific projects that require a grant match to leverage funding.

**Operating Budget Impact:**

None

	<u>Reprogram</u>	<u>FY 2016</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>Total</u>
<b>Revenue Sources</b>							
General Obligation Bonds	250,000	0	0	0	0	0	250,000
<b>Total Revenues</b>	<b>250,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>250,000</b>
<b>Expenditure Types</b>							
Other Cost	250,000	0	0	0	0	0	250,000
<b>Total Expenditures</b>	<b>250,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>250,000</b>



	<u>Reprogram</u>	<u>FY 2016</u>
<b>Revenue Sources</b>		
General Obligation Bonds	2,277,354	1,063,325
<b>Total Revenues</b>	<b><u>2,277,354</u></b>	<b><u>1,063,325</u></b>
<b>Expenditure Types</b>		
Land Acquisition	214,000	0
Contract Construction	1,927,419	0
Other Cost	135,935	1,063,325
<b>Total Expenditures</b>	<b><u>2,277,354</u></b>	<b><u>1,063,325</u></b>



	Reprogram	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Total
<b>Revenue Sources</b>							
General Obligation Bonds	2,277,354	1,063,325	9,487,492	14,295,892	21,217,087	20,914,963	69,256,113
	<b>2,277,354</b>	<b>1,063,325</b>	<b>9,487,492</b>	<b>14,295,892</b>	<b>21,217,087</b>	<b>20,914,963</b>	<b>69,256,113</b>
<b>Expenditure Types</b>							
Engineering - Architecture	0	0	422,320	1,009,740	486,040	1,365,840	3,283,940
Land Acquisition	214,000	0	0	0	0	2,600,000	2,814,000
Land Development	0	0	0	0	400,000	0	400,000
Contract Construction	1,927,419	0	7,868,733	9,035,215	8,838,532	5,667,000	33,336,899
Furniture, Fixtures & Equipment	0	0	100,000	2,546,700	1,623,050	2,816,760	7,086,510
Other Cost	135,935	1,063,325	1,046,439	1,174,237	9,324,465	7,917,363	20,661,764
Information Technology	0	0	50,000	530,000	545,000	548,000	1,673,000
<b>Total Expenditures</b>	<b>2,277,354</b>	<b>1,063,325</b>	<b>9,487,492</b>	<b>14,295,892</b>	<b>21,217,087</b>	<b>20,914,963</b>	<b>69,256,113</b>

# CIP 2016 DIVISION SUMMARY

# FIRE SERVICES

Division Priority	Project Number	Project Name	Reprogram	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Total	
1	FS04001	Personal Protective Equip	0	985,325	966,939	1,068,237	9,241,965	7,833,363	20,095,829	
2	FS02027	EMA Sirens	135,935	78,000	79,500	106,000	82,500	84,000	565,935	
3	FS02001	Fire Station Repair	1,927,419	0	3,137,320	4,442,593	4,076,540	4,374,840	17,958,712	
4	FS02018	Fire Station #63	0	0	5,303,733	2,526,700	0	0	7,830,433	
5	FS02011	Replace Fire Station #43	214,000	0	0	5,515,882	1,618,050	0	7,347,932	
6	FS02020	Southwind Fire Station	0	0	0	636,480	5,728,032	2,814,760	9,179,272	
7	FS02008	Relocate Fire Station #11	0	0	0	0	70,000	2,200,000	2,270,000	
8	FS02013	Replace Fire Station #24	0	0	0	0	0	1,600,000	1,600,000	
9	FS02026	Fire Station #18	0	0	0	0	0	1,000,000	1,000,000	
FIRE PREVENTION										
10	FS02022	FACILITY	0	0	0	0	400,000	1,008,000	1,408,000	
<b>Total</b>				<b>2,277,354</b>	<b>1,063,325</b>	<b>9,487,492</b>	<b>14,295,892</b>	<b>21,217,087</b>	<b>20,914,963</b>	<b>69,256,113</b>



# CIP 2016 DETAIL BY PROJECT

# FIRE SERVICES

Project Name Personal Protective Equip  
 Project Number FS04001  
 Division Priority 1

	Reprogram	FY 2016
<b>Revenue Sources</b>		
General Obligation Bonds	0	985,325
<b>Total Revenues</b>	<b>0</b>	<b>985,325</b>
<b>Expenditure Types</b>		
Other Cost	0	985,325
<b>Total Expenditures</b>	<b>0</b>	<b>985,325</b>

**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

	Reprogram	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Total
<b>Revenue Sources</b>							
General Obligation Bonds	0	985,325	966,939	1,068,237	9,241,965	7,833,363	20,095,829
<b>Total Revenues</b>	<b>0</b>	<b>985,325</b>	<b>966,939</b>	<b>1,068,237</b>	<b>9,241,965</b>	<b>7,833,363</b>	<b>20,095,829</b>
<b>Expenditure Types</b>							
Other Cost	0	985,325	966,939	1,068,237	9,241,965	7,833,363	20,095,829
<b>Total Expenditures</b>	<b>0</b>	<b>985,325</b>	<b>966,939</b>	<b>1,068,237</b>	<b>9,241,965</b>	<b>7,833,363</b>	<b>20,095,829</b>



# CIP 2016 DETAIL BY PROJECT

# FIRE SERVICES

Project Name     EMA Sirens  
 Project Number   FS02027  
 Division Priority   2

	Reprogram	FY 2016
<b>Revenue Sources</b>		
General Obligation Bonds	135,935	78,000
<b>Total Revenues</b>	<b>135,935</b>	<b>78,000</b>
<b>Expenditure Types</b>		
Other Cost	135,935	78,000
<b>Total Expenditures</b>	<b>135,935</b>	<b>78,000</b>

**Project Description / Justification:**

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

**Operating Budget Impact:**

None

	Reprogram	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Total
<b>Revenue Sources</b>							
General Obligation Bonds	135,935	78,000	79,500	106,000	82,500	84,000	565,935
<b>Total Revenues</b>	<b>135,935</b>	<b>78,000</b>	<b>79,500</b>	<b>106,000</b>	<b>82,500</b>	<b>84,000</b>	<b>565,935</b>
<b>Expenditure Types</b>							
Other Cost	135,935	78,000	79,500	106,000	82,500	84,000	565,935
<b>Total Expenditures</b>	<b>135,935</b>	<b>78,000</b>	<b>79,500</b>	<b>106,000</b>	<b>82,500</b>	<b>84,000</b>	<b>565,935</b>



# CIP 2016 DETAIL BY PROJECT

# FIRE SERVICES

Project Name Fire Station Repair  
 Project Number FS02001  
 Division Priority 3

	Reprogram	FY 2016
<b>Revenue Sources</b>		
General Obligation Bonds	1,927,419	0
<b>Total Revenues</b>	<b>1,927,419</b>	<b>0</b>
<b>Expenditure Types</b>		
Contract Construction	1,927,419	0
<b>Total Expenditures</b>	<b>1,927,419</b>	<b>0</b>

**Project Description / Justification:**

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

**Operating Budget Impact:**

None

	Reprogram	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Total
<b>Revenue Sources</b>							
General Obligation Bonds	1,927,419	0	3,137,320	4,442,593	4,076,540	4,374,840	17,958,712
<b>Total Revenues</b>	<b>1,927,419</b>	<b>0</b>	<b>3,137,320</b>	<b>4,442,593</b>	<b>4,076,540</b>	<b>4,374,840</b>	<b>17,958,712</b>
<b>Expenditure Types</b>							
Engineering - Architecture	0	0	422,320	373,260	416,040	357,840	1,569,460
Contract Construction	1,927,419	0	2,565,000	3,519,333	3,110,500	3,467,000	14,589,252
Furniture, Fixtures & Equipment	0	0	100,000	350,000	350,000	350,000	1,150,000
Information Technology	0	0	50,000	200,000	200,000	200,000	650,000
<b>Total Expenditures</b>	<b>1,927,419</b>	<b>0</b>	<b>3,137,320</b>	<b>4,442,593</b>	<b>4,076,540</b>	<b>4,374,840</b>	<b>17,958,712</b>





# CIP 2016 DETAIL BY PROJECT

# FIRE SERVICES

**Project Name** Fire Station #63  
**Project Number** FS02018  
**Division Priority** 4

	Reprogram	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Total
<b>Revenue Sources</b>							
General Obligation Bonds	0	0	5,303,733	2,526,700	0	0	7,830,433
<b>Total Revenues</b>	<b>0</b>	<b>0</b>	<b>5,303,733</b>	<b>2,526,700</b>	<b>0</b>	<b>0</b>	<b>7,830,433</b>
<b>Expenditure Types</b>							
Contract Construction	0	0	5,303,733	0	0	0	5,303,733
Furniture, Fixtures & Equipment	0	0	0	2,196,700	0	0	2,196,700
Information Technology	0	0	0	330,000	0	0	330,000
<b>Total Expenditures</b>	<b>0</b>	<b>0</b>	<b>5,303,733</b>	<b>2,526,700</b>	<b>0</b>	<b>0</b>	<b>7,830,433</b>

**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. FY17 funds are for construction and FY18 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.



# CIP 2016 DETAIL BY PROJECT

# FIRE SERVICES

**Project Name**     Replace Fire Station #43  
**Project Number**    FS02011  
**Division Priority**    5

	<u>Reprogram</u>	<u>FY 2016</u>
<b>Revenue Sources</b>		
General Obligation Bonds	214,000	0
<b>Total Revenues</b>	<b>214,000</b>	<b>0</b>
<b>Expenditure Types</b>		
Land Acquisition	214,000	0
<b>Total Expenditures</b>	<b>214,000</b>	<b>0</b>

**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

	<u>Reprogram</u>	<u>FY 2016</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>Total</u>
<b>Revenue Sources</b>							
General Obligation Bonds	214,000	0	0	5,515,882	1,618,050	0	7,347,932
<b>Total Revenues</b>	<b>214,000</b>	<b>0</b>	<b>0</b>	<b>5,515,882</b>	<b>1,618,050</b>	<b>0</b>	<b>7,347,932</b>
<b>Expenditure Types</b>							
Engineering - Architecture	0	0	0	0	0	0	0
Land Acquisition	214,000	0	0	0	0	0	214,000
Contract Construction	0	0	0	5,515,882	0	0	5,515,882
Furniture, Fixtures & Equipment	0	0	0	0	1,273,050	0	1,273,050
Information Technology	0	0	0	0	345,000	0	345,000
<b>Total Expenditures</b>	<b>214,000</b>	<b>0</b>	<b>0</b>	<b>5,515,882</b>	<b>1,618,050</b>	<b>0</b>	<b>7,347,932</b>



# CIP 2016 DETAIL BY PROJECT

# FIRE SERVICES

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

	Reprogram	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Total
<b>Revenue Sources</b>							
General Obligation Bonds	0	0	0	636,480	5,728,032	2,814,760	9,179,272
<b>Total Revenues</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>636,480</b>	<b>5,728,032</b>	<b>2,814,760</b>	<b>9,179,272</b>
<b>Expenditure Types</b>							
Engineering - Architecture	0	0	0	636,480	0	0	636,480
Contract Construction	0	0	0	0	5,728,032	0	5,728,032
Furniture, Fixtures & Equipment	0	0	0	0	0	2,466,760	2,466,760
Information Technology	0	0	0	0	0	348,000	348,000
<b>Total Expenditures</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>636,480</b>	<b>5,728,032</b>	<b>2,814,760</b>	<b>9,179,272</b>

**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.



# CIP 2016 DETAIL BY PROJECT

# FIRE SERVICES

**Project Name** Relocate Fire Station #11  
**Project Number** FS02008  
**Division Priority** 7

	Reprogram	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Total
<b>Revenue Sources</b>							
General Obligation Bonds	0	0	0	0	70,000	2,200,000	2,270,000
<b>Total Revenues</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>70,000</b>	<b>2,200,000</b>	<b>2,270,000</b>
<b>Expenditure Types</b>							
Engineering - Architecture	0	0	0	0	70,000	0	70,000
Contract Construction	0	0	0	0	0	2,200,000	2,200,000
<b>Total Expenditures</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>70,000</b>	<b>2,200,000</b>	<b>2,270,000</b>

**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



# CIP 2016 DETAIL BY PROJECT

# FIRE SERVICES

**Project Name**     Replace Fire Station #24  
**Project Number**    FS02013  
**Division Priority**    8

	Reprogram	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Total
<b>Revenue Sources</b>							
General Obligation Bonds	0	0	0	0	0	1,600,000	1,600,000
<b>Total Revenues</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,600,000</b>	<b>1,600,000</b>
<b>Expenditure Types</b>							
Land Acquisition	0	0	0	0	0	1,600,000	1,600,000
<b>Total Expenditures</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,600,000</b>	<b>1,600,000</b>

**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.



# CIP 2016 DETAIL BY PROJECT

# FIRE SERVICES

**Project Name** Fire Station #18  
**Project Number** FS02026  
**Division Priority** 9

	Reprogram	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Total
<b>Revenue Sources</b>							
General Obligation Bonds	0	0	0	0	0	1,000,000	1,000,000
<b>Total Revenues</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,000,000</b>	<b>1,000,000</b>
<b>Expenditure Types</b>							
Land Acquisition	0	0	0	0	0	1,000,000	1,000,000
<b>Total Expenditures</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,000,000</b>	<b>1,000,000</b>

**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.



# CIP DETAIL BY PROJECT

# FIRE SERVICES

**Project Name** FIRE PREVENTION FACILITY  
**Project Number** FS02022  
**Division Priority** 10

	Reprogram	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Total
<b>Revenue Sources</b>							
General Obligation Bonds	0	0	0	0	400,000	1,008,000	1,408,000
<b>Total Revenues</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>400,000</b>	<b>1,008,000</b>	<b>1,408,000</b>
<b>Expenditure Types</b>							
Engineering - Architecture	0	0	0	0	0	1,008,000	1,008,000
Land Development	0	0	0	0	400,000	0	400,000
<b>Total Expenditures</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>400,000</b>	<b>1,008,000</b>	<b>1,408,000</b>

**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







	<u>Reprogram</u>	<u>FY 2016</u>
<b>Revenue Sources</b>		
General Obligation Bonds	0	18,554,979
<b>Total Revenues</b>	<b>0</b>	<b>18,554,979</b>
<b>Expenditure Types</b>		
Engineering - Architecture	0	288,000
Contract Construction	0	8,592,000
Capital Acquisition - Equip CAP	0	494,506
Capital Acquisition - Vehicle CAP	0	9,180,474
<b>Total Expenditures</b>	<b>0</b>	<b>18,554,980</b>



	Reprogram	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Total
<b>Revenue Sources</b>							
General Obligation Bonds	0	18,554,980	10,000,000	5,145,000	4,000,000	4,000,000	41,699,979
<b>Total Revenues</b>	<b>0</b>	<b>18,554,980</b>	<b>10,000,000</b>	<b>5,145,000</b>	<b>4,000,000</b>	<b>4,000,000</b>	<b>41,699,980</b>
<b>Expenditure Types</b>							
Engineering - Architecture	0	288,000	400,000	400,000	400,000	400,000	1,888,000
Contract Construction	0	8,592,000	9,600,000	4,745,000	3,600,000	3,600,000	30,137,000
Capital Acquisition - Equip CAP	0	494,506	0	0	0	0	494,506
Capital Acquisition - Vehicle CAP	0	9,180,474	0	0	0	0	9,180,474
<b>Total Expenditures</b>	<b>0</b>	<b>18,554,980</b>	<b>10,000,000</b>	<b>5,145,000</b>	<b>4,000,000</b>	<b>4,000,000</b>	<b>41,699,980</b>

# CIP 2016 DIVISION SUMMARY

# GENERAL SERVICES

Division Priority	Project Number	Project Name	Reprogram	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Total
1		W.Simmons/Overton Pk GS01026 Reloc	0	6,000,000	6,000,000	1,145,000	0	0	13,145,000
2		Major Modif/Improv to GS01007 Property	0	2,880,000	4,000,000	4,000,000	4,000,000	4,000,000	18,880,000
3		Capital Acquisition - GS0216A Engineering	0	115,000	0	0	0	0	115,000
4		Capital Acquisition - Parks & GS0216B Neighborhoods	0	777,900	0	0	0	0	777,900
5		Capital Acquisition - Police GS0216C Services	0	4,520,239	0	0	0	0	4,520,239
6		Capital Acquisition - Public GS0216D Works	0	433,000	0	0	0	0	433,000
7		Capital Acquisition - Fire GS0216E Services	0	3,357,000	0	0	0	0	3,357,000
8		Capital Acquisition - General GS0216F Services Park Operations	0	422,835	0	0	0	0	422,835
		Capital Acquisition - General GS0216G Services - Fleet	0	49,005	0	0	0	0	49,005
<b>Total</b>			<b>0</b>	<b>18,554,980</b>	<b>10,000,000</b>	<b>5,145,000</b>	<b>4,000,000</b>	<b>4,000,000</b>	<b>41,699,980</b>



# CIP 2016 DIVISION SUMMARY

# GENERAL SERVICES

**Project Name** W.Simmons/Overton Pk Reloc  
**Project Number** GS01026  
**Division Priority** 1

	<u>Reprogram</u>	<u>FY 2016</u>
<b>Revenue Sources</b>		
General Obligation Bonds	0	6,000,000
<b>Total Revenues</b>	<b>0</b>	<b>6,000,000</b>
<b>Expenditure Types</b>		
Contract Construction	0	6,000,000
<b>Total Expenditures</b>	<b>0</b>	<b>6,000,000</b>

**Project Description / Justification:**

To build a Centralized Facility for Property Maintenance who is vacating 281 E. Parkway.

**Operating Budget Impact:**

None

	<u>Reprogram</u>	<u>FY 2016</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>Total</u>
<b>Revenue Sources</b>							
General Obligation Bonds	0	6,000,000	6,000,000	1,145,000	0	0	13,145,000
<b>Total Revenues</b>	<b>0</b>	<b>6,000,000</b>	<b>6,000,000</b>	<b>1,145,000</b>	<b>0</b>	<b>0</b>	<b>13,145,000</b>
<b>Expenditure Types</b>							
Contract Construction	0	6,000,000	6,000,000	1,145,000	0	0	13,145,000
<b>Total Expenditures</b>	<b>0</b>	<b>6,000,000</b>	<b>6,000,000</b>	<b>1,145,000</b>	<b>0</b>	<b>0</b>	<b>13,145,000</b>



# CIP 2016 DETAIL BY PROJECT

# GENERAL SERVICES

**Project Name** Major Modif/Improv to Property  
**Project Number** GS01007  
**Division Priority** 2

	<u>Reprogram</u>	<u>FY 2016</u>
<b>Revenue Sources</b>		
General Obligation Bonds	0	2,880,000
<b>Total Revenues</b>	<b>0</b>	<b>2,880,000</b>
<b>Expenditure Types</b>		
Engineering - Architecture	0	288,000
Contract Construction	0	2,592,000
<b>Total Expenditures</b>	<b>0</b>	<b>2,880,000</b>

**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

	<u>Reprogram</u>	<u>FY 2016</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>Total</u>
<b>Revenue Sources</b>							
General Obligation Bonds	0	2,880,000	4,000,000	4,000,000	4,000,000	4,000,000	18,880,000
<b>Total Revenues</b>	<b>0</b>	<b>2,880,000</b>	<b>4,000,000</b>	<b>4,000,000</b>	<b>4,000,000</b>	<b>4,000,000</b>	<b>18,880,000</b>
<b>Expenditure Types</b>							
Engineering - Architecture	0	288,000	400,000	400,000	400,000	400,000	1,888,000
Contract Construction	0	2,592,000	3,600,000	3,600,000	3,600,000	3,600,000	16,992,000
<b>Total Expenditures</b>	<b>0</b>	<b>2,880,000</b>	<b>4,000,000</b>	<b>4,000,000</b>	<b>4,000,000</b>	<b>4,000,000</b>	<b>18,880,000</b>



# CIP 2016 DETAIL BY PROJECT

# GENERAL SERVICES

**Project Name** Capital Acquisition - Engineering  
**Project Number** GS0216A  
**Division Priority** 3

	<u>Reprogram</u>	<u>FY 2016</u>
<b>Revenue Sources</b>		
General Obligation Bonds	0	115,000
<b>Total Revenues</b>	<b>0</b>	<b>115,000</b>
<b>Expenditure Types</b>		
Capital Acquisition - Equip CAP	0	35,000
Capital Acquisition - Vehicle CAP	0	80,000
<b>Total Expenditures</b>	<b>0</b>	<b>115,000</b>

**Project Description / Justification:**  
 FY16 Capital Acquisitions Engineering

**Operating Budget Impact:**

None

Division	Units	Detailed Description	Estimated Cost Per Unit	Total Cost - GO Bonds	Division Total
<b>Engineering</b>					
	1	Crossover SUV	30,000	30,000	
	1	Fork Lift	35,000	35,000	
	2	Class 1 Mid-Size Crewcab Pickup Trucks	25,000	50,000	
				<b>SUBTOTAL:</b>	<b>115,000</b>



# CIP 2016 DETAIL BY PROJECT

# GENERAL SERVICES

**Project Name** Capital Acquisition - Parks & Neighborhoods  
**Project Number** GS0216B  
**Division Priority** 4

	<u>Reprogram</u>	<u>FY 2016</u>
<b>Revenue Sources</b>		
General Obligation Bonds	0	777,900
<b>Total Revenues</b>	<b>0</b>	<b>777,900</b>
<b>Expenditure Types</b>		
Capital Acquisition - Equip CAP	0	200,000
Capital Acquisition - Vehicle CAP	0	577,900
<b>Total Expenditures</b>	<b>0</b>	<b>777,900</b>

**Project Description / Justification:**  
 FY16 Capital Acquisitions Parks and Neighborhoods

**Operating Budget Impact:**

None

Division	Units	Detailed Description	Estimated Cost Per Unit	Total Cost - GO Bonds	Division Total
<b>Parks &amp; Neighborhoods</b>					
Animal Shelter	5	Animal Service Vans	54,677	273,386	
Botanic	1	Medium sized Skid-Steer Loader	69,831	69,831	
Museums	1	7 Passenger Van	27,683	27,683	
Library	1	Audio Production/On Air Computers and Software	40,000	40,000	
Library	1	On-Air Playback Server System	110,000	110,000	
Library	1	TV Production Control Room System	50,000	50,000	
Recreation Svcs	4	12 - 15 Passenger Vans	30,000	120,000	
Recreation Svcs	3	Mini Vans/SUVs	29,000	87,000	
<b>SUBTOTAL:</b>				<b>777,900</b>	



# CIP 2016 DETAIL BY PROJECT

# GENERAL SERVICES

**Project Name** Capital Acquisition Police Services  
**Project Number** GS0216C  
**Division Priority** 5

	<u>Reprogram</u>	<u>FY 2016</u>
<b>Revenue Sources</b>		
General Obligation Bonds	0	4,520,239
<b>Total Revenues</b>	<b>0</b>	<b>4,520,239</b>
<b>Expenditure Types</b>		
Capital Acquisition - Equip CAP	0	147,831
Capital Acquisition - Vehicle CAP	0	4,372,409
<b>Total Expenditures</b>	<b>0</b>	<b>4,520,239</b>

**Project Description / Justification:**  
 FY16 Capital Acquisitions Police Services

**Operating Budget Impact:**

None

Division	Units	Detailed Description	Estimated Cost Per Unit	Total Cost - GO Bonds	Division Total
<b>Police</b>					
Uniform Patrol	115	Marked Squad Cars	31,982	3,677,889	
CSI	5	Marked Mini-Vans	28,400	142,000	
TACT	2	Large SUVs	31,900	63,800	
Motorcycle Patrol	3	Motorcycles	21,000	63,000	
Radios	40	Radios	3,696	147,831	
PST	20	Unmarked Cars for Traffic Incidents	21,286	425,720	
				<b>SUBTOTAL:</b>	<b>4,520,239</b>





# CIP 2016 DETAIL BY PROJECT

# GENERAL SERVICES

**Project Name** Capital Acquisition Public Works  
**Project Number** GS0216D  
**Division Priority** 6

	<u>Reprogram</u>	<u>FY 2016</u>
<b>Revenue Sources</b>		
General Obligation Bonds	0	433,000
<b>Total Revenues</b>	<b>0</b>	<b>433,000</b>
<b>Expenditure Types</b>		
Capital Acquisition - Vehicle CAP	0	433,000
<b>Total Expenditures</b>	<b>0</b>	<b>433,000</b>

**Project Description / Justification:**  
 FY16 Capital Acquisitions Public Works

**Operating Budget Impact:**

None

Division	Units	Detailed Description	Estimated Cost Per Unit	Total Cost - GO Bonds	Division Total
<b>Public Works</b>					
Code Enforcement	9	4 cylinder sedan	17,000	153,000	
Street Maintenance	3	Crew cab w/ dump bodies	50,000	150,000	
Street Maintenance	1	Tandem Dump Truck	130,000	130,000	
				<b>SUBTOTAL:</b>	<b>433,000</b>



# CIP 2016 DETAIL BY PROJECT

# GENERAL SERVICES

**Project Name** Capital Acquisition Fire Services  
**Project Number** GS0216E  
**Division Priority** 7

	<u>Reprogram</u>	<u>FY 2016</u>
<b>Revenue Sources</b>		
General Obligation Bonds	0	3,357,000
<b>Total Revenues</b>	<b>0</b>	<b>3,357,000</b>
<b>Expenditure Types</b>		
Capital Acquisition - Vehicle CAP	0	3,357,000
<b>Total Expenditures</b>	<b>0</b>	<b>3,357,000</b>

**Project Description / Justification:**  
 FY16 Capital Acquisitions Fire Services

**Operating Budget Impact:**

None

Division	Units	Detailed Description	Estimated Cost Per Unit	Total Cost - GO Bonds	Division Total
<b>Fire</b>					
	7	SUVs	40,000	280,000	
	4	ARVs	55,000	220,000	
	3	Fire Engines	694,000	2,082,000	
	1	Apparatus Maintenance	70,000	70,000	
	3	Ambulances	235,000	705,000	
				<b>SUBTOTAL:</b>	<b>3,357,000</b>



# CIP 2016 DETAIL BY PROJECT

# GENERAL SERVICES

**Project Name** Capital Acquisition General Services - Park Operations  
**Project Number** GS0216F  
**Division Priority** 8

	<u>Reprogram</u>	<u>FY 2016</u>
<b>Revenue Sources</b>		
General Obligation Bonds	0	422,835
<b>Total Revenues</b>	<b>0</b>	<b>422,835</b>
<b>Expenditure Types</b>		
Capital Acquisition - Equip CAP	0	111,675
Capital Acquisition - Vehicle CAP	0	311,160
<b>Total Expenditures</b>	<b>0</b>	<b>422,835</b>

**Project Description / Justification:**

FY16 Capital Acquisitions-General Services Park Operations and Property Maintenance

**Operating Budget Impact:**

None

Division	Units	Detailed Description	Estimated Cost Per Unit	Total Cost - GO Bonds	Division Total
<b>GS - Park Operations</b>					
Park Operations	2	Crew Cab Pick Up Class 2	30,580	61,160	
Park Operations	5	Zero Turn Mower 72" Diesel	18,113	90,563	
Park Operations	1	Zero Turn Mower 72" Diesel w/ grass catcher	21,113	21,113	
Property	1	Sewer Flush Truck 5YRD	250,000	250,000	
				<b>SUBTOTAL:</b>	<b>422,835</b>



# CIP 2016 DETAIL BY PROJECT

# GENERAL SERVICES

**Project Name** Capital Acquisition General Services - Fleet Management  
**Project Number** GS0216G  
**Division Priority** 9

	<u>Reprogram</u>	<u>FY 2016</u>
<b>Revenue Sources</b>		
General Obligation Bonds	0	49,005
<b>Total Revenues</b>	<b>0</b>	<b>49,005</b>
<b>Expenditure Types</b>		
Capital Acquisition - Equip CAP	0	49,005
<b>Total Expenditures</b>	<b>0</b>	<b>49,005</b>

**Project Description / Justification:**  
 FY16 Capital Acquisitions-General Services Fleet Maint

**Operating Budget Impact:**

None

Division	Units	Detailed Description	Estimated Cost Per Unit	Total Cost - GO Bonds	Division Total
<b>General Services - Fleet</b>					
Fleet	1	18,500 / 22,000 lb Mobile column lift	38,060	38,060	
Fleet	1	Straddle Walking Lift 2500 Lb	10,945	10,945	
				<b>SUBTOTAL:</b>	<b>49,005</b>



FY 16 Division Capital Acquisition Requests Summary

Division	Units	Detailed Description	Estimated Cost Per Unit	Total Cost - GO Bonds	Division Total
<b>Fire</b>					
	7	SUVs	40,000	280,000	
	4	ARVs	55,000	220,000	
	3	Fire Engines	694,000	2,082,000	
	1	Apparatus Maintenance	70,000	70,000	
	3	Ambulances	235,000	705,000	
				<b>SUBTOTAL:</b>	<b>3,357,000</b>
<b>Police</b>					
Uniform Patrol	115	Marked Squad Cars	31,982	3,677,889	
CSI	5	Marked Mini-Vans	28,400	142,000	
TACT	2	Large SUVs	31,900	63,800	
Motorcycle Patrol	3	Motorcycles	21,000	63,000	
Radios	40	Radios	3,696	147,831	
PST	20	Unmarked Cars for Traffic Incidents	21,286	425,720	
				<b>SUBTOTAL:</b>	<b>4,520,239</b>
<b>Public Works</b>					
Code Enforcement	9	4 cylinder sedan	17,000	153,000	
Street Maintenance	3	Crew cab w/ dump bodies	50,000	150,000	
Street Maintenance	1	Tandem Dump Truck	130,000	130,000	
				<b>SUBTOTAL:</b>	<b>433,000</b>
<b>Engineering</b>					
	1	Crossover SUV	30,000	30,000	
	1	Fork Lift	35,000	35,000	
	2	Class 1 Mid-Size Crewcab Pickup Trucks	25,000	50,000	
				<b>SUBTOTAL:</b>	<b>115,000</b>
<b>General Services - Fleet</b>					
Fleet	1	18,500 / 22,000 lb Mobile column lift	38,060	38,060	
Fleet	1	Straddle Walking Lift 2500 Lb	10,945	10,945	
				<b>SUBTOTAL:</b>	<b>49,005</b>

Division	Units	Detailed Description	Estimated Cost Per Unit	Total Cost - GO Bonds	Division Total
<b>GS - Park Operations</b>					
Park Operations	2	Crew Cab Pick Up Class 2	30,580	61,160	
Park Operations	5	Zero Turn Mower 72" Diesel	18,113	90,563	
Park Operations	1	Zero Turn Mower 72" Diesel w/ grass catcher	21,113	21,113	
Property	1	Sewer Flush Truck 5YRD	250,000	250,000	
<b>SUBTOTAL:</b>					<b>422,835</b>
<b>Parks &amp; Neighborhoods</b>					
Animal Shelter	5	Animal Service Vans	54,677	273,386	
Botanic	1	Medium sized Skid-Steer Loader	69,831	69,831	
Museums	1	7 Passenger Van	27,683	27,683	
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Library	1	On-Air Playback Server System	110,000	110,000	
Library	1	TV Production Control Room System	50,000	50,000	
Recreation Svcs	4	12 - 15 Passenger Vans	30,000	120,000	
Recreation Svcs	3	Mini Vans/SUVs	29,000	87,000	
<b>SUBTOTAL:</b>					<b>777,900</b>
<b>Total Items</b>	<b>231</b>		<b>GRAND TOTAL</b>		<b>9,674,980</b>

	<u>Reprogram</u>	<u>FY 2016</u>
<b>Revenue Sources</b>		
General Obligation Bonds	0	4,150,000
Federal Grants Other	0	6,288,106
<b>Total Revenues</b>	<b>0</b>	<b>10,438,106</b>
<b>Expenditure Types</b>		
Engineering - Architecture	0	200,000
Land Development	0	1,101,005
Contract Construction	0	9,137,101
<b>Total Expenditures</b>	<b>0</b>	<b>10,438,106</b>



# CIP 2016 DIVISION SUMMARY

# HOUSING AND COMMUNITY DEVELOPMENT

	Reprogram	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Total
<b>Revenue Sources</b>							
General Obligation Bonds	0	4,150,000	6,213,325	3,272,005	3,154,645	7,860,025	24,650,000
Federal Grants Other	0	6,288,106	8,593,221	8,579,248	8,695,675	9,343,751	41,500,000
Local Other CIP	0	0	250,000	250,000	250,000	250,000	1,000,000
<b>Total Revenues</b>	<b>0</b>	<b>10,438,106</b>	<b>15,056,546</b>	<b>12,101,253</b>	<b>12,100,320</b>	<b>17,453,775</b>	<b>67,150,000</b>
<b>Expenditure Types</b>							
Engineering - Architecture	0	200,000	200,000	200,000	200,000	200,000	1,000,000
Land Development	0	1,101,005	4,623,844	4,738,340	4,678,470	4,279,971	19,421,630
Contract Construction	0	9,137,101	10,232,702	7,162,913	7,221,850	12,973,804	46,728,370
<b>Total Expenditures</b>	<b>0</b>	<b>10,438,106</b>	<b>15,056,546</b>	<b>12,101,253</b>	<b>12,100,320</b>	<b>17,453,775</b>	<b>67,150,000</b>





# CIP 2016 DIVISION SUMMARY

# HOUSING AND COMMUNITY DEVELOPMENT

Division Priority	Project Number	Project Name	Reprogram	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Total
		MHA-Foote Cleaborn Future							
1	CD01034	Hope	0	7,788,106	13,056,546	12,101,253	12,100,320	17,453,775	62,500,000
2	CD02011	Mason Village	0	2,000,000	2,000,000	0	0	0	4,000,000
		South Memphis Alliance							
3	CD01094	(SMA)	0	650,000	0	0	0	0	650,000
<b>Total</b>			<b>0</b>	<b>10,438,106</b>	<b>15,056,546</b>	<b>12,101,253</b>	<b>12,100,320</b>	<b>17,453,775</b>	<b>67,150,000</b>



# CIP 2016 DETAIL BY PROJECT

# HOUSING AND COMMUNITY DEVELOPMENT

**Project Name** MHA-Foote Cleaborn Future Hope  
**Project Number** CD01034  
**Division Priority** 1

	Reprogram	FY 2016
<b>Revenue Sources</b>		
General Obligation Bonds	0	1,500,000
Federal Grants Other	0	6,288,106
<b>Total Revenues</b>	<b>0</b>	<b>7,788,106</b>
<b>Expenditure Types</b>		
Engineering - Architecture	0	200,000
Land Development	0	1,101,005
Contract Construction	0	6,487,101
<b>Total Expenditures</b>	<b>0</b>	<b>7,788,106</b>

**Project Description / Justification:**

The South City-Foote Homes CNI Project will provide new rental housing to a mixed income population. The Choice Neighborhoods Redevelopment area is approximately 2 sq. miles. The revitalized community will consist of approximately 460+ new units (420 replacement housing, LIHTC and Market Rate housing units); transformation of the CNI area to include demolition of existing dwellings the Foote Homes site; improved park & open space, community facilities, library, neighborhood retail and comprehensive supportive services and programs. The physical plan will be implemented in multiple phases on the old Foote Homes site and in the surrounding neighborhood on acquired land. Other components include locating commercial and retail space along Vance Avenue and Fourth Street; construction of an early childhood center near Danny Thomas and Vance; and other neighborhood investment.

**Operating Budget Impact:** None

	Reprogram	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Total
<b>Revenue Sources</b>							
General Obligation Bonds	0	1,500,000	4,213,325	3,272,005	3,154,645	7,860,025	20,000,000
Federal Grants Other	0	6,288,106	8,593,221	8,579,248	8,695,675	9,343,750	41,500,000
Local Other CIP	0	0	250,000	250,000	250,000	250,000	1,000,000
<b>Total Revenues</b>	<b>0</b>	<b>7,788,106</b>	<b>13,056,546</b>	<b>12,101,253</b>	<b>12,100,320</b>	<b>17,453,775</b>	<b>62,500,000</b>
<b>Expenditure Types</b>							
Engineering - Architecture	0	200,000	200,000	200,000	200,000	200,000	1,000,000
Land Development	0	1,101,005	4,623,844	4,738,340	4,678,470	4,279,971	19,421,630
Contract Construction	0	6,487,101	8,232,702	7,162,913	7,221,850	12,973,804	42,078,370
<b>Total Expenditures</b>	<b>0</b>	<b>7,788,106</b>	<b>13,056,546</b>	<b>12,101,253</b>	<b>12,100,320</b>	<b>17,453,775</b>	<b>62,500,000</b>



# CIP 2016 DETAIL BY PROJECT

# HOUSING AND COMMUNITY DEVELOPMENT

Project Name MASON VILLAGE  
 Project Number CD02011  
 Division Priority 2

	Reprogram	FY 2016
<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 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

	Reprogram	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Total
<b>Revenue Sources</b>							
General Obligation Bonds	0	2,000,000	2,000,000	0	0	0	4,000,000
<b>Total Revenues</b>	<b>0</b>	<b>2,000,000</b>	<b>2,000,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4,000,000</b>
<b>Expenditure Types</b>							
Contract Construction	0	2,000,000	2,000,000	0	0	0	4,000,000
<b>Total Expenditures</b>	<b>0</b>	<b>2,000,000</b>	<b>2,000,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4,000,000</b>



# CIP 2016 DETAIL BY PROJECT

# HOUSING AND COMMUNITY DEVELOPMENT

**Project Name** South Memphis Alliance (SMA)  
**Project Number** CD01094  
**Division Priority** 3

	<u>Reprogram</u>	<u>FY 2016</u>
<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>		
Contract Construction	0	650,000
<b>Total Expenditures</b>	<b>0</b>	<b>650,000</b>

**Project Description / Justification:**

SMA is a nonprofit agency that provides assistance to local community associations, block clubs and civic organizations. G. O. Bonds will be used to purchase and stabilize a warehouse at the entrance of Soulsville.

**Operating Budget Impact:**

None

	<u>Reprogram</u>	<u>FY 2016</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>Total</u>
<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>							
Contract Construction	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>



	<u>Reprogram</u>	<u>FY 2016</u>
<b>Revenue Sources</b>		
General Obligation Bonds	0	3,110,000
Federal Grants CIP	0	15,080,000
State Grants All	0	660,000
<b>Total Revenues</b>	<b>0</b>	<b>18,850,000</b>
<b>Expenditure Types</b>		
Other Cost	0	18,850,000
<b>Total Expenditures</b>	<b>0</b>	<b>18,850,000</b>



	Reprogram	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Total
<b>Revenue Sources</b>							
General Obligation Bonds	0	3,110,000	7,720,000	4,190,000	6,350,000	4,310,000	25,680,000
Federal Grants CIP	0	15,080,000	39,080,000	19,440,000	28,000,000	19,840,000	121,440,000
State Grants All	0	660,000	2,050,000	670,000	650,000	650,000	4,680,000
<b>Total Revenues</b>	<b>0</b>	<b>18,850,000</b>	<b>48,850,000</b>	<b>24,300,000</b>	<b>35,000,000</b>	<b>24,800,000</b>	<b>151,800,000</b>
<b>Expenditure Types</b>							
Engineering - Architecture	0	0	3,400,000	0	0	0	3,400,000
Land Acquisition	0	0	2,500,000	0	0	0	2,500,000
Contract Construction	0	0	10,000,000	15,000,000	15,000,000	15,000,000	55,000,000
Other Cost	0	18,850,000	32,950,000	9,300,000	20,000,000	9,800,000	90,900,000
<b>Total Expenditures</b>	<b>0</b>	<b>18,850,000</b>	<b>48,850,000</b>	<b>24,300,000</b>	<b>35,000,000</b>	<b>24,800,000</b>	<b>151,800,000</b>

# CIP 2016 DIVISION SUMMARY

MATA

Division Priority	Project Number	Project Name	Reprogram	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Total
1	GA03007	MATA-Bus Replacement	0	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	10,000,000
2	GA03011	MATA-Paratransit Bus	0	300,000	200,000	400,000	200,000	200,000	1,300,000
3	GA03026	Rail Vehicles	0	11,250,000	5,950,000	1,400,000	12,000,000	1,600,000	32,200,000
4	GA03025	Bus Facility Improvements	0	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	10,000,000
5	GA03024	Rail Facility Improvements	0	2,000,000	16,000,000	2,000,000	2,000,000	2,000,000	24,000,000
6	GA03001	MATA-Service Vehicles	0	300,000	300,000	300,000	300,000	300,000	1,500,000
7	GA03022	MATA-Adv Public Transp System	0	1,000,000	6,500,000	1,200,000	1,500,000	1,700,000	11,900,000
8	GA03023	MATA-Operations/Maint Facility	0	0	15,900,000	15,000,000	15,000,000	15,000,000	60,900,000
<b>Total</b>			<b>0</b>	<b>18,850,000</b>	<b>48,850,000</b>	<b>24,300,000</b>	<b>35,000,000</b>	<b>24,800,000</b>	<b>151,800,000</b>



# CIP 2016 DETAIL BY PROJECT

MATA

Project Name MATA-Bus Replacement  
 Project Number GA03007  
 Division Priority 1

	Reprogram	FY 2016
<b>Revenue Sources</b>		
General Obligation Bonds	0	200,000
Federal Grants CIP	0	1,600,000
State Grants All	0	200,000
<b>Total Revenues</b>	<b>0</b>	<b>2,000,000</b>
<b>Expenditure Types</b>		
Other Cost	0	2,000,000
<b>Total Expenditures</b>	<b>0</b>	<b>2,000,000</b>

**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.

	Reprogram	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Total
<b>Revenue Sources</b>							
General Obligation Bonds	0	200,000	200,000	200,000	200,000	200,000	1,000,000
Federal Grants CIP	0	1,600,000	1,600,000	1,600,000	1,600,000	1,600,000	8,000,000
State Grants All	0	200,000	200,000	200,000	200,000	200,000	1,000,000
<b>Total Revenues</b>	<b>0</b>	<b>2,000,000</b>	<b>2,000,000</b>	<b>2,000,000</b>	<b>2,000,000</b>	<b>2,000,000</b>	<b>10,000,000</b>
<b>Expenditure Types</b>							
Other Cost	0	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	10,000,000
<b>Total Expenditures</b>	<b>0</b>	<b>2,000,000</b>	<b>2,000,000</b>	<b>2,000,000</b>	<b>2,000,000</b>	<b>2,000,000</b>	<b>10,000,000</b>





# CIP 2016 DETAIL BY PROJECT

MATA

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

	Reprogram	FY 2016
<b>Revenue Sources</b>		
General Obligation Bonds	0	30,000
Federal Grants CIP	0	240,000
State Grants All	0	30,000
<b>Total Revenues</b>	<b>0</b>	<b>300,000</b>
<b>Expenditure Types</b>		
Other Cost	0	300,000
<b>Total Expenditures</b>	<b>0</b>	<b>300,000</b>

**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.

	Reprogram	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Total
<b>Revenue Sources</b>							
General Obligation Bonds	0	30,000	20,000	40,000	20,000	20,000	130,000
Federal Grants CIP	0	240,000	160,000	320,000	160,000	160,000	1,040,000
State Grants All	0	30,000	20,000	40,000	20,000	20,000	130,000
<b>Total Revenues</b>	<b>0</b>	<b>300,000</b>	<b>200,000</b>	<b>400,000</b>	<b>200,000</b>	<b>200,000</b>	<b>1,300,000</b>
<b>Expenditure Types</b>							
Other Cost	0	300,000	200,000	400,000	200,000	200,000	1,300,000
<b>Total Expenditures</b>	<b>0</b>	<b>300,000</b>	<b>200,000</b>	<b>400,000</b>	<b>200,000</b>	<b>200,000</b>	<b>1,300,000</b>



# CIP 2016 DETAIL BY PROJECT

MATA

Project Name Rail Vehicles  
 Project Number GA03026  
 Division Priority 3

	<u>Reprogram</u>	<u>FY 2016</u>
<b>Revenue Sources</b>		
General Obligation Bonds	0	2,250,000
Federal Grants CIP	0	9,000,000
<b>Total Revenues</b>	<b>0</b>	<b>11,250,000</b>
<b>Expenditure Types</b>		
Other Cost	0	11,250,000
<b>Total Expenditures</b>	<b>0</b>	<b>11,250,000</b>

**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

	<u>Reprogram</u>	<u>FY 2016</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>Total</u>
<b>Revenue Sources</b>							
General Obligation Bonds	0	2,250,000	1,190,000	280,000	2,400,000	320,000	6,440,000
Federal Grants CIP	0	9,000,000	4,760,000	1,120,000	9,600,000	1,280,000	25,760,000
<b>Total Revenues</b>	<b>0</b>	<b>11,250,000</b>	<b>5,950,000</b>	<b>1,400,000</b>	<b>12,000,000</b>	<b>1,600,000</b>	<b>32,200,000</b>
<b>Expenditure Types</b>							
Other Cost	0	11,250,000	5,950,000	1,400,000	12,000,000	1,600,000	32,200,000
<b>Total Expenditures</b>	<b>0</b>	<b>11,250,000</b>	<b>5,950,000</b>	<b>1,400,000</b>	<b>12,000,000</b>	<b>1,600,000</b>	<b>32,200,000</b>



# CIP 2016 DETAIL BY PROJECT

MATA

Project Name Bus Facility Improvements  
 Project Number GA03025  
 Division Priority 4

	Reprogram	FY 2016
<b>Revenue Sources</b>		
General Obligation Bonds	0	200,000
Federal Grants CIP	0	1,600,000
State Grants All	0	200,000
<b>Total Revenues</b>	<b>0</b>	<b>2,000,000</b>
<b>Expenditure Types</b>		
Other Cost	0	2,000,000
<b>Total Expenditures</b>	<b>0</b>	<b>2,000,000</b>

**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

	Reprogram	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Total
<b>Revenue Sources</b>							
General Obligation Bonds	0	200,000	200,000	200,000	200,000	200,000	1,000,000
Federal Grants CIP	0	1,600,000	1,600,000	1,600,000	1,600,000	1,600,000	8,000,000
State Grants All	0	200,000	200,000	200,000	200,000	200,000	1,000,000
<b>Total Revenues</b>	<b>0</b>	<b>2,000,000</b>	<b>2,000,000</b>	<b>2,000,000</b>	<b>2,000,000</b>	<b>2,000,000</b>	<b>10,000,000</b>
<b>Expenditure Types</b>							
Other Cost	0	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	10,000,000
<b>Total Expenditures</b>	<b>0</b>	<b>2,000,000</b>	<b>2,000,000</b>	<b>2,000,000</b>	<b>2,000,000</b>	<b>2,000,000</b>	<b>10,000,000</b>



# CIP 2016 DETAIL BY PROJECT

MATA

Project Name Rail Facility Improvements  
 Project Number GA03024  
 Division Priority 5

	Reprogram	FY 2016
<b>Revenue Sources</b>		
General Obligation Bonds	0	200,000
Federal Grants CIP	0	1,600,000
State Grants All	0	200,000
<b>Total Revenues</b>	<b>0</b>	<b>2,000,000</b>
<b>Expenditure Types</b>		
Other Cost	0	2,000,000
<b>Total Expenditures</b>	<b>0</b>	<b>2,000,000</b>

**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

	Reprogram	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Total
<b>Revenue Sources</b>							
General Obligation Bonds	0	200,000	1,600,000	200,000	200,000	200,000	2,400,000
Federal Grants CIP	0	1,600,000	12,800,000	1,600,000	1,600,000	1,600,000	19,200,000
State Grants All	0	200,000	1,600,000	200,000	200,000	200,000	2,400,000
<b>Total Revenues</b>	<b>0</b>	<b>2,000,000</b>	<b>16,000,000</b>	<b>2,000,000</b>	<b>2,000,000</b>	<b>2,000,000</b>	<b>24,000,000</b>
<b>Expenditure Types</b>							
Other Cost	0	2,000,000	16,000,000	2,000,000	2,000,000	2,000,000	24,000,000
<b>Total Expenditures</b>	<b>0</b>	<b>2,000,000</b>	<b>16,000,000</b>	<b>2,000,000</b>	<b>2,000,000</b>	<b>2,000,000</b>	<b>24,000,000</b>



# CIP 2016 DETAIL BY PROJECT

MATA

Project Name MATA-Service Vehicles  
 Project Number GA03001  
 Division Priority 6

	Reprogram	FY 2016
<b>Revenue Sources</b>		
General Obligation Bonds	0	30,000
Federal Grants CIP	0	240,000
State Grants All	0	30,000
<b>Total Revenues</b>	<b>0</b>	<b>300,000</b>
<b>Expenditure Types</b>		
Other Cost	0	300,000
<b>Total Expenditures</b>	<b>0</b>	<b>300,000</b>

**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

	Reprogram	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Total
<b>Revenue Sources</b>							
General Obligation Bonds	0	30,000	30,000	30,000	30,000	30,000	150,000
Federal Grants CIP	0	240,000	240,000	240,000	240,000	240,000	1,200,000
State Grants All	0	30,000	30,000	30,000	30,000	30,000	150,000
<b>Total Revenues</b>	<b>0</b>	<b>300,000</b>	<b>300,000</b>	<b>300,000</b>	<b>300,000</b>	<b>300,000</b>	<b>1,500,000</b>
<b>Expenditure Types</b>							
Other Cost	0	300,000	300,000	300,000	300,000	300,000	1,500,000
<b>Total Expenditures</b>	<b>0</b>	<b>300,000</b>	<b>300,000</b>	<b>300,000</b>	<b>300,000</b>	<b>300,000</b>	<b>1,500,000</b>



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

	Reprogram	FY 2016
<b>Revenue Sources</b>		
General Obligation Bonds	0	200,000
Federal Grants CIP	0	800,000
<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 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 fare boxes on the entire revenue vehicle fleet in the out-years.

**Operating Budget Impact:**

None

	Reprogram	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Total
<b>Revenue Sources</b>							
General Obligation Bonds	0	200,000	1,300,000	240,000	300,000	340,000	2,380,000
Federal Grants CIP	0	800,000	5,200,000	960,000	1,200,000	1,360,000	9,520,000
<b>Total Revenues</b>	<b>0</b>	<b>1,000,000</b>	<b>6,500,000</b>	<b>1,200,000</b>	<b>1,500,000</b>	<b>1,700,000</b>	<b>11,900,000</b>
<b>Expenditure Types</b>							
Other Cost	0	1,000,000	6,500,000	1,200,000	1,500,000	1,700,000	11,900,000
<b>Total Expenditures</b>	<b>0</b>	<b>1,000,000</b>	<b>6,500,000</b>	<b>1,200,000</b>	<b>1,500,000</b>	<b>1,700,000</b>	<b>11,900,000</b>

# CIP DETAIL BY PROJECT

MATA

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

	Reprogram	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Total
<b>Revenue Sources</b>							
General Obligation Bonds	0	0	3,180,000	3,000,000	3,000,000	3,000,000	12,180,000
Federal Grants CIP	0	0	12,720,000	12,000,000	12,000,000	12,000,000	48,720,000
<b>Total Revenues</b>	<b>0</b>	<b>0</b>	<b>15,900,000</b>	<b>15,000,000</b>	<b>15,000,000</b>	<b>15,000,000</b>	<b>60,900,000</b>
<b>Expenditure Types</b>							
Engineering - Architecture	0	0	3,400,000	0	0	0	3,400,000
Land Acquisition	0	0	2,500,000	0	0	0	2,500,000
Contract Construction	0	0	10,000,000	15,000,000	15,000,000	15,000,000	55,000,000
<b>Total Expenditures</b>	<b>0</b>	<b>0</b>	<b>15,900,000</b>	<b>15,000,000</b>	<b>15,000,000</b>	<b>15,000,000</b>	<b>60,900,000</b>

**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







	<u>Reprogram</u>	<u>FY 2016</u>
<b>Revenue Sources</b>		
General Obligation Bonds	2,704,000	4,810,000
<b>Total Revenues</b>	<b>2,704,000</b>	<b>4,810,000</b>
<b>Expenditure Types</b>		
Engineering - Architecture	0	1,200,000
Contract Construction	2,704,000	3,140,000
Furniture, Fixtures & Equipment	0	470,000
<b>Total Expenditures</b>	<b>2,704,000</b>	<b>4,810,000</b>



	Reprogram	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Total
<b>Revenue Sources</b>							
General Obligation Bonds	2,704,000	4,810,000	3,050,000	3,750,000	3,750,000	3,750,000	21,814,000
Local Other CIP	0	0	0	1,000,000	1,000,000	1,000,000	3,000,000
<b>Total Revenues</b>	<b>2,704,000</b>	<b>4,810,000</b>	<b>3,050,000</b>	<b>4,750,000</b>	<b>4,750,000</b>	<b>4,750,000</b>	<b>24,814,000</b>
<b>Expenditure Types</b>							
Engineering - Architecture	0	1,200,000	230,000	120,000	120,000	120,000	1,790,000
Contract Construction	2,704,000	3,140,000	2,820,000	3,963,000	3,963,000	3,963,000	20,553,000
Furniture, Fixtures & Equipment	0	470,000	0	667,000	667,000	667,000	2,471,000
<b>Total Expenditures</b>	<b>2,704,000</b>	<b>4,810,000</b>	<b>3,050,000</b>	<b>4,750,000</b>	<b>4,750,000</b>	<b>4,750,000</b>	<b>24,814,000</b>

**Note:**

The reprogram dollars above include \$704,000 Project PK07115 Denver Park

# CIP 2016 DIVISION SUMMARY

# PARKS SERVICES

Division Priority	Project Number	Project Name	Reprogram	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Total
1	PK07114	Parks Cover Line	0	3,135,000	1,600,000	1,000,000	1,000,000	1,000,000	7,735,000
2	PK08033	Radio Tower Maintenance	0	160,000	0	0	0	0	160,000
3	PK09002	Zoo Major Maintenance	0	250,000	250,000	250,000	250,000	250,000	1,250,000
4	PK08017	Pink Palace Rehabilitation	2,000,000	900,000	1,000,000	2,000,000	2,000,000	2,000,000	9,900,000
5	PK07012	Greenway Improvements	0	0	200,000	1,500,000	1,500,000	1,500,000	4,700,000
6	PK07115	Denver Park	704,000	0	0	0	0	0	704,000
WYPL Radio & TV									
7	PK08035	Equipment	0	190,000	0	0	0	0	190,000
Cloud 901 Teen Learning									
8	PK08034	Lab	0	175,000	0	0	0	0	175,000
<b>Total</b>				<b>2,704,000</b>	<b>4,810,000</b>	<b>3,050,000</b>	<b>4,750,000</b>	<b>4,750,000</b>	<b>24,814,000</b>



# CIP 2016 DIVISION SUMMARY

# PARKS SERVICES

**Project Name**     Parks Cover Line  
**Project Number**    PK07114  
**Division Priority**    1

	Reprogram	FY 2016
<b>Revenue Sources</b>		
General Obligation Bonds	0	3,135,000
<b>Total Revenues</b>	<b>0</b>	<b>3,135,000</b>
<b>Expenditure Types</b>		
Engineering - Architecture	0	300,000
Contract Construction	0	2,555,000
Furniture, Fixtures & Equipment	0	280,000
<b>Total Expenditures</b>	<b>0</b>	<b>3,135,000</b>

**Project Description / Justification:**

This project provides funds for the Parks Cover Line project. Included in FY2016 are funding for the following:

- Parking Lot Repaving \$605,000
- Replacement of Site Furnishing \$500,000
- Comm. Ctr. Recreational Equipment \$20,000
- Comm. Ctr. Kitchen Equipment \$10,000

**Operating Budget Impact:**

None

	Reprogram	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Total
<b>Revenue Sources</b>							
General Obligation Bonds	0	3,135,000	1,600,000	1,000,000	1,000,000	1,000,000	7,735,000
<b>Total Revenues</b>	<b>0</b>	<b>3,135,000</b>	<b>1,600,000</b>	<b>1,000,000</b>	<b>1,000,000</b>	<b>1,000,000</b>	<b>7,735,000</b>
<b>Expenditure Types</b>							
Engineering - Architecture	0	300,000	150,000	120,000	120,000	120,000	810,000
Contract Construction	0	2,555,000	1,450,000	880,000	880,000	880,000	6,645,000
Furniture, Fixtures & Equipment	0	280,000	0	0	0	0	280,000
<b>Total Expenditures</b>	<b>0</b>	<b>3,135,000</b>	<b>1,600,000</b>	<b>1,000,000</b>	<b>1,000,000</b>	<b>1,000,000</b>	<b>7,735,000</b>



# CIP 2016 DETAIL BY PROJECT

# PARKS SERVICES

**Project Name** Radio Tower Maintenance  
**Project Number** PK08033  
**Division Priority** 2

	<u>Reprogram</u>	<u>FY 2016</u>
<b>Revenue Sources</b>		
General Obligation Bonds	0	160,000
<b>Total Revenues</b>	<b>0</b>	<b>160,000</b>
<b>Expenditure Types</b>		
Contract Construction	0	160,000
<b>Total Expenditures</b>	<b>0</b>	<b>160,000</b>

**Project Description / Justification:**

This project will provide funds for WYPL radio tower maintenance, lightning damage repair and work shed replacement.

**Operating Budget Impact:**

None

	<u>Reprogram</u>	<u>FY 2016</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>Total</u>
<b>Revenue Sources</b>							
General Obligation Bonds	0	160,000	0	0	0	0	160,000
<b>Total Revenues</b>	<b>0</b>	<b>160,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>160,000</b>
<b>Expenditure Types</b>							
Contract Construction	0	160,000	0	0	0	0	160,000
<b>Total Expenditures</b>	<b>0</b>	<b>160,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>160,000</b>



# CIP 2016 DETAIL BY PROJECT

# PARKS SERVICES

**Project Name**     Zoo Major Maintenance  
**Project Number**    PK09002  
**Division Priority**    3

	<u>Reprogram</u>	<u>FY 2016</u>
<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 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.

**Operating Budget Impact:**

None

	<u>Reprogram</u>	<u>FY 2016</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>Total</u>
<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>



# CIP 2016 DETAIL BY PROJECT

# PARKS SERVICES

Project Name Pink Palace Rehabilitation  
 Project Number PK08017  
 Division Priority 4

	Reprogram	FY 2016
<b>Revenue Sources</b>		
General Obligation Bonds	2,000,000	900,000
<b>Total Revenues</b>	<b>2,000,000</b>	<b>900,000</b>
<b>Expenditure Types</b>		
Engineering - Architecture	0	900,000
Contract Construction	2,000,000	0
<b>Total Expenditures</b>	<b>2,000,000</b>	<b>900,000</b>

**Project Description / Justification:**

This project provides funding for the architectural design development documents of new natural science and regional history exhibits as well as exhibits for a science center focused on fitness, nutrition, health and wellness. The design process will result in contract documents for all three attractions. Private funding is anticipated to cover half of the project costs estimated to be approximately \$20,000,000. The implementation of this project will be over the next ten (10) years.

**Operating Budget Impact:**

None

	Reprogram	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Total
<b>Revenue Sources</b>							
General Obligation Bonds	2,000,000	900,000	1,000,000	1,000,000	1,000,000	1,000,000	6,900,000
Local Other CIP	0	0	0	1,000,000	1,000,000	1,000,000	3,000,000
<b>Total Revenues</b>	<b>2,000,000</b>	<b>900,000</b>	<b>1,000,000</b>	<b>2,000,000</b>	<b>2,000,000</b>	<b>2,000,000</b>	<b>9,900,000</b>
<b>Expenditure Types</b>							
Engineering - Architecture	0	900,000	0	0	0	0	900,000
Contract Construction	2,000,000	0	1,000,000	1,333,000	1,333,000	1,333,000	6,999,000
Furniture, Fixtures & Equipment	0	0	0	667,000	667,000	667,000	2,001,000
<b>Total Expenditures</b>	<b>2,000,000</b>	<b>900,000</b>	<b>1,000,000</b>	<b>2,000,000</b>	<b>2,000,000</b>	<b>2,000,000</b>	<b>9,900,000</b>



# CIP DETAIL BY PROJECT

# PARKS SERVICES

**Project Name**     Greenway Improvements  
**Project Number**    PK07012  
**Division Priority**    5

	Reprogram	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Total
<b>Revenue Sources</b>							
General Obligation Bonds	0	0	200,000	1,500,000	1,500,000	1,500,000	4,700,000
<b>Total Revenues</b>	<b>0</b>	<b>0</b>	<b>200,000</b>	<b>1,500,000</b>	<b>1,500,000</b>	<b>1,500,000</b>	<b>4,700,000</b>
<b>Expenditure Types</b>							
Engineering - Architecture	0	0	80,000	0	0	0	80,000
Contract Construction	0	0	120,000	1,500,000	1,500,000	1,500,000	4,620,000
<b>Total Expenditures</b>	<b>0</b>	<b>0</b>	<b>200,000</b>	<b>1,500,000</b>	<b>1,500,000</b>	<b>1,500,000</b>	<b>4,700,000</b>

**Project Description / Justification:**

This project provides funding for the Wolf River Greenway Phase 4 of a 22-mile multi-use trail with environmental and recreational benefits.

**Operating Budget Impact:**

None





# CIP 2016 DETAIL BY PROJECT

# PARKS SERVICES

Project Name Denver Park  
 Project Number PK07115  
 Division Priority 6

	Reprogram	FY 2016
<b>Revenue Sources</b>		
General Obligation Bonds	704,000	0
<b>Total Revenues</b>	<b>704,000</b>	<b>0</b>
<b>Expenditure Types</b>		
Contract Construction	704,000	0
<b>Total Expenditures</b>	<b>704,000</b>	<b>0</b>

**Project Description / Justification:**

This project provides major renovation of existing park to include playground, pavilion, site furnishings, pedestrian bridges, refurbished basketball court, 1/2 mile walking trail and signage.

**Operating Budget Impact:**

None

	Reprogram	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Total
<b>Revenue Sources</b>							
General Obligation Bonds	704,000	0	0	0	0	0	704,000
<b>Total Revenues</b>	<b>704,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>704,000</b>
<b>Expenditure Types</b>							
Contract Construction	704,000	0	0	0	0	0	704,000
<b>Total Expenditures</b>	<b>704,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>704,000</b>



# CIP 2016 DETAIL BY PROJECT

# PARKS SERVICES

**Project Name** WYPL Radio & TV Equipment  
**Project Number** PK08035  
**Division Priority** 7

	<u>Reprogram</u>	<u>FY 2016</u>
<b>Revenue Sources</b>		
General Obligation Bonds	0	190,000
<b>Total Revenues</b>	<b>0</b>	<b>190,000</b>
<b>Expenditure Types</b>		
Furniture, Fixtures & Equipment	0	190,000
<b>Total Expenditures</b>	<b>0</b>	<b>190,000</b>

**Project Description / Justification:**

This project provides funding for essential maintenance, repairs, and replacements recommended by technical consultants. Master Multi Viewer Display (\$60,000), Master Control UPS System (\$40,000), and Chroma Key Wall (\$40,000). In addition, this project will fund Web Implementation of Programming (\$50,000) for WYPL TV 18 and Radio 89.3 FM. Please note that this project is matched/leveraged by a \$50,000 challenge grant issued by the Memphis Library Foundation.

**Operating Budget Impact:**

None

	<u>Reprogram</u>	<u>FY 2016</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>Total</u>
<b>Revenue Sources</b>							
General Obligation Bonds	0	190,000	0	0	0	0	190,000
<b>Total Revenues</b>	<b>0</b>	<b>190,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>190,000</b>
<b>Expenditure Types</b>							
Furniture, Fixtures & Equipment	0	190,000	0	0	0	0	190,000
<b>Total Expenditures</b>	<b>0</b>	<b>190,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>190,000</b>



# CIP 2016 DETAIL BY PROJECT

# PARKS SERVICES

**Project Name**     Cloud 901 Teen Learning Lab  
**Project Number**    PK08034  
**Division Priority**    8

	<u>Reprogram</u>	<u>FY 2016</u>
<b>Revenue Sources</b>		
General Obligation Bonds	0	175,000
<b>Total Revenues</b>	<b>0</b>	<b>175,000</b>
<b>Expenditure Types</b>		
Contract Construction	0	175,000
<b>Total Expenditures</b>	<b>0</b>	<b>175,000</b>

**Project Description / Justification:**

This request will complete the \$1,900,000 capital campaign conducted by the Memphis Library Foundation to construct an 8,300 square foot space in the Benjamin L. Hooks Central Library. Cloud 901 will include a sound mixing lab, a video edit suite, robotics, a maker space, graphic design, a messy arts space, coding, gaming, and STEAM programming for teens ages 13-18.

**Operating Budget Impact:**

None

	<u>Reprogram</u>	<u>FY 2016</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>Total</u>
<b>Revenue Sources</b>							
General Obligation Bonds	0	175,000	0	0	0	0	175,000
<b>Total Revenues</b>	<b>0</b>	<b>175,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>175,000</b>
<b>Expenditure Types</b>							
Contract Construction	0	175,000	0	0	0	0	175,000
<b>Total Expenditures</b>	<b>0</b>	<b>175,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>175,000</b>





	<u>Reprogram</u>	<u>FY 2016</u>
<b>Revenue Sources</b>		
General Obligation Bonds	187,827	3,662,192
Capital PAY GO	380,000	1,500,000
<b>Total Revenues</b>	<b><u>567,827</u></b>	<b><u>5,162,192</u></b>
<b>Expenditure Types</b>		
Engineering - Architecture	20,000	0
Contract Construction	37,827	0
Furniture, Fixtures & Equipment	130,000	0
Information Technology	380,000	4,500,000
Capital Acquisition	0	662,192
<b>Total Expenditures</b>	<b><u>567,827</u></b>	<b><u>5,162,192</u></b>

	Reprogram	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Total
<b>Revenue Sources</b>							
Capital Pay Go	0	1,500,000	0	0	0	0	1,500,000
General Obligation Bonds	567,827	3,662,192	5,751,000	22,048,000	27,315,200	22,777,240	82,121,459
<b>Total Revenues</b>	<b>567,827</b>	<b>5,162,192</b>	<b>5,751,000</b>	<b>22,048,000</b>	<b>27,315,200</b>	<b>22,777,240</b>	<b>83,621,459</b>
<b>Expenditure Types</b>							
Engineering - Architecture	20,000	0	1,331,000	2,636,600	733,200	712,400	5,433,200
Contract Construction	37,827	0	0	11,606,400	20,800,000	5,990,400	38,434,627
Furniture, Fixtures & Equipment	130,000	0	0	312,000	650,000	2,204,400	3,296,400
Other Cost	0	0	0	3,016,000	0	0	3,016,000
Information Technology	380,000	4,500,000	4,420,000	4,477,000	5,132,000	13,870,040	32,779,040
Capital Acquisition	0	662,192	0	0	0	0	662,192
<b>Total Expenditures</b>	<b>567,827</b>	<b>5,162,192</b>	<b>5,751,000</b>	<b>22,048,000</b>	<b>27,315,200</b>	<b>22,777,240</b>	<b>83,621,459</b>

# CIP 2016 DIVISION SUMMARY

# POLICE SERVICES

Division Priority	Project Number	Project Name	Reprogram	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Total
1	PD04022	In-Car Video/GPS	380,000	4,500,000	4,420,000	4,420,000	4,420,000	4,420,000	22,560,000
2	PD04023	Communication's Power Supply	0	450,000	0	0	0	0	450,000
3	PD04024	Mobile Command	0	212,192	0	0	0	0	212,192
4	PD02004	Precinct Renovations	187,827	0	0	0	0	0	187,827
5	PD02006	Firestone Station	0	0	733,000	6,240,000	1,300,000	0	8,273,000
6	PD01006	Police Academy Renovation	0	0	598,000	4,888,000	1,622,000	2,985,000	10,093,000
7	PD02009	Mount Moriah Station	0	0	0	832,000	6,864,000	1,456,000	9,152,000
8	PD04009	911 Facility	0	0	0	676,000	5,408,000	9,204,000	15,288,000
9	PD04001	Expand Vehicle Evidence/ Crime	0	0	0	1,123,200	421,200	4,712,240	6,256,640
10	PD02010	Raines Station	0	0	0	852,800	7,280,000	0	8,132,800
11	PD04003	Purchase Helicopter	0	0	0	3,016,000	0	0	3,016,000
<b>Total</b>			<b>567,827</b>	<b>5,162,192</b>	<b>5,751,000</b>	<b>22,048,000</b>	<b>27,315,200</b>	<b>22,777,240</b>	<b>83,621,459</b>



# CIP 2016 DETAIL BY PROJECT

# POLICE SERVICES

**Project Name** In-Car Video/GPS  
**Project Number** PD04022  
**Division Priority** 1

	<u>Reprogram</u>	<u>FY 2016</u>
<b>Revenue Sources</b>		
General Obligation Bonds	380,000	3,000,000
Capital Pay Go	0	1,500,000
<b>Total Revenues</b>	<b><u>380,000</u></b>	<b><u>4,500,000</u></b>
<b>Expenditure Types</b>		
Information Technology	380,000	4,500,000
<b>Total Expenditures</b>	<b><u>380,000</u></b>	<b><u>4,500,000</u></b>

**Project Description / Justification:**

This project will install mobile in-car video cameras and GPS tracking devices in 900 police cars. This project is spread out over a 7year lease to own.

**Operating Budget Impact:**

None

	<u>Reprogram</u>	<u>FY 2016</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>Total</u>
<b>Revenue Sources</b>							
General Obligation Bonds	380,000	3,000,000	4,420,000	4,420,000	4,420,000	4,420,000	21,060,000
Capital Pay Go	0	1,500,000	0	0	0	0	1,500,000
<b>Total Revenues</b>	<b><u>380,000</u></b>	<b><u>4,500,000</u></b>	<b><u>4,420,000</u></b>	<b><u>4,420,000</u></b>	<b><u>4,420,000</u></b>	<b><u>4,420,000</u></b>	<b><u>22,560,000</u></b>
<b>Expenditure Types</b>							
Information Technology	380,000	4,500,000	4,420,000	4,420,000	4,420,000	4,420,000	22,560,000
<b>Total Expenditures</b>	<b><u>380,000</u></b>	<b><u>4,500,000</u></b>	<b><u>4,420,000</u></b>	<b><u>4,420,000</u></b>	<b><u>4,420,000</u></b>	<b><u>4,420,000</u></b>	<b><u>22,560,000</u></b>





# CIP 2016 DETAIL BY PROJECT

# POLICE SERVICES

**Project Name**      Communication's Power Supply  
**Project Number**    PD04023  
**Division Priority**    2

	<u>Reprogram</u>	<u>FY 2016</u>
<b>Revenue Sources</b>		
General Obligation Bonds	0	450,000
<b>Total Revenues</b>	<b>0</b>	<b>450,000</b>
<b>Expenditure Types</b>		
Capital Acquisition	0	450,000
<b>Total Expenditures</b>	<b>0</b>	<b>450,000</b>

**Project Description / Justification:**

This project will provide funding to replace the primary UPS for the police department's communication bureau. In the event of a power outage, the UPS provides power for the our dispatchers to continue working until power is restored or moved to the backup facility.

**Operating Budget Impact:**

None

	<u>Reprogram</u>	<u>FY 2016</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>Total</u>
<b>Revenue Sources</b>							
General Obligation Bonds	0	450,000	0	0	0	0	450,000
<b>Total Revenues</b>	<b>0</b>	<b>450,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>450,000</b>
<b>Expenditure Types</b>							
Capital Acquisition	0	450,000	0	0	0	0	450,000
<b>Total Expenditures</b>	<b>0</b>	<b>450,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>450,000</b>



# CIP 2016 DETAIL BY PROJECT

# POLICE SERVICES

**Project Name**     Mobile Command  
**Project Number**   PD04024  
**Division Priority**   3

	Reprogram	FY 2016
<b>Revenue Sources</b>		
General Obligation Bonds	0	212,192
<b>Total Revenues</b>	<b>0</b>	<b>212,192</b>
<b>Expenditure Types</b>		
Capital Acquisition	0	212,192
<b>Total Expenditures</b>	<b>0</b>	<b>212,192</b>

**Project Description / Justification:**

This project will provide a 25% match funding to an already awarded Port Grant (EMW-2014-PU-00521) for the purchase of a mobile command / CBRNE post for the Memphis Police Department.

**Operating Budget Impact:**  
 None

	Reprogram	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Total
<b>Revenue Sources</b>							
General Obligation Bonds	0	212,192	0	0	0	0	212,192
<b>Total Revenues</b>	<b>0</b>	<b>212,192</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>212,192</b>
<b>Expenditure Types</b>							
Capital Acquisition	0	212,192	0	0	0	0	212,192
<b>Total Expenditures</b>	<b>0</b>	<b>212,191</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>212,192</b>



# CIP DETAIL BY PROJECT

# POLICE SERVICES

**Project Name**     Precinct Renovations  
**Project Number**   PD02004  
**Division Priority**   4

	Reprogram	FY 2016
<b>Revenue Sources</b>		
General Obligation Bonds	187,827	0
<b>Total Revenues</b>	<b>187,827</b>	<b>0</b>
<b>Expenditure Types</b>		
Engineering-Architecture	20,000	0
Contract Construction	37,827	0
Furniture, Fixtures & Equipment	130,000	0
<b>Total Expenditures</b>	<b>187,827</b>	<b>0</b>

**Project Description / Justification:**

This project provides funding for the renovations of aging MPD Police Stations, parking lots, furniture, fixtures and equipment.

**Operating Budget Impact:**

None

	Reprogram	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Total
<b>Revenue Sources</b>							
General Obligation Bonds	187,827	0	0	0	0	0	187,827
<b>Total Revenues</b>	<b>187,827</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>187,827</b>
<b>Expenditure Types</b>							
Engineering - Architecture	20,000	0	0	0	0	0	20,000
Contract Construction	37,827	0	0	0	0	0	37,827
Furniture, Fixtures & Equipment	130,000	0	0	0	0	0	130,000
<b>Total Expenditures</b>	<b>187,827</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>187,827</b>



# CIP DETAIL BY PROJECT

# POLICE SERVICES

**Project Name** Firestone Station  
**Project Number** PD02006  
**Division Priority** 5

	Reprogram	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	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 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



# CIP DETAIL BY PROJECT

# POLICE SERVICES

**Project Name** Police Academy Renovation  
**Project Number** PD01006  
**Division Priority** 6

	Reprogram	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	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 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



# CIP DETAIL BY PROJECT

# POLICE SERVICES

**Project Name**     Mount Moriah Station  
**Project Number**   PD02009  
**Division Priority**   7

	Reprogram	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	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 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:**

None



# CIP DETAIL BY PROJECT

# POLICE SERVICES

**Project Name** 911 Facility  
**Project Number** PD04009  
**Division Priority** 8

	Reprogram	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	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 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:**

None



# CIP DETAIL BY PROJECT

# POLICE SERVICES

**Project Name**     Expand Vehicle/Evidence/Crime  
**Project Number**   PD04001  
**Division Priority**   9

	Reprogram	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	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 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. Other phases are Crime Scene, a new Vehicle Storage lot, and finally TACT Unit facility. All phases are part of the Academy Master Plan to utilize existing sites for construction.

**Operating Budget Impact:**

None





# CIP DETAIL BY PROJECT

# POLICE SERVICES

**Project Name** Raines Station  
**Project Number** PD02010  
**Division Priority** 10

	Reprogram	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	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 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:**

None



# CIP DETAIL BY PROJECT

# POLICE SERVICES

**Project Name** Purchase Helicopter  
**Project Number** PD04003  
**Division Priority** 11

	Reprogram	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	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 Description / Justification:**

This project provides funding for the routine replacement of helicopters that are 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.



	<u>Reprogram</u>	<u>FY 2016</u>
<b>Revenue Sources</b>		
General Obligation Bonds	22,573,476	23,125,000
Federal Grants CIP	57,200,008	0
State Grants All	6,800,000	0
Local Other CIP	251,320	430,000
<b>Total Revenues</b>	<b><u>86,824,804</u></b>	<b><u>23,555,000</u></b>
<b>Expenditure Types</b>		
Engineering - Architecture	12,586,551	857,000
Land Acquisition	11,234,000	0
Other Cost	1,000,000	0
Contract Construction	62,004,253	22,698,000
<b>Total Expenditures</b>	<b><u>86,824,804</u></b>	<b><u>23,555,000</u></b>

	Reprogram	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Total
<b>Revenue Sources</b>							
General Obligation Bonds	22,573,476	23,125,000	39,473,000	54,257,824	27,304,000	25,170,000	191,903,300
Federal Grants CIP	57,200,008	0	57,775,556	27,073,000	24,312,000	11,600,000	177,960,564
State Grants All	6,800,000	0	3,100,000	0	0	0	9,900,000
Local Other CIP	251,320	430,000	2,021,639	0	0	0	2,702,959
<b>Total Revenues</b>	<b>86,824,804</b>	<b>23,555,000</b>	<b>102,370,195</b>	<b>81,330,824</b>	<b>51,616,000</b>	<b>36,770,000</b>	<b>382,466,823</b>
<b>Expenditure Types</b>							
Engineering - Architecture	12,586,551	857,000	10,056,286	5,222,000	1,497,000	1,030,000	31,248,837
Land Acquisition	11,234,000	0	10,453,409	742,000	100,000	0	22,529,409
Other Cost	1,000,000	0	0	0	0	0	1,000,000
Contract Construction	62,004,253	22,698,000	81,860,500	75,366,824	50,019,000	35,740,000	327,688,577
<b>Total Expenditures</b>	<b>86,824,804</b>	<b>23,555,000</b>	<b>102,370,195</b>	<b>81,330,824</b>	<b>51,616,000</b>	<b>36,770,000</b>	<b>382,466,823</b>

# CIP 2016 DIVISION SUMMARY

# PUBLIC WORKS

Division Priority	Project Number	Project Name	Reprogram	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Total
1	PW04007	ADA Curb Ramp	336,279	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	12,836,279
2	PW04066	Safe Route to School- Rozelle	40,000	0	0	0	0	0	40,000
3	PW01272	Asphalt/Paving	0	14,790,000	17,500,000	18,000,000	18,500,000	18,500,000	87,290,000
4	PW04097	Blight-Crosstown	1,000,000	0	0	0	0	0	1,000,000
5	PW01023	Second/I-40/Cedar	3,952,000	0	10,222,000	5,080,000	0	0	19,254,000
6	PW01064	Elvis Presley/Shelby/Winch	35,939,087	0	17,500,000	0	0	0	53,439,087
7	PW04024	Sidewalk Replac-Various Poplar/Sweetbriar	199,500	450,000	95,000	95,000	95,000	0	934,500
8	PW01181	Interchange	2,200,000	0	0	0	0	0	2,200,000
9	PW01070	Clark Road/Shelby Dr/ Raines	0	0	700,000	3,900,000	0	0	4,600,000
10	PW01025	Winchester/Perkins	1,265,000	0	12,000,000	0	0	0	13,265,000
11	PW01246	IP Infrastructure	450,000	0	0	0	0	0	450,000
12	PW01174	Kirby Pkwy/Walnut Gr to Macon	0	0	3,121,000	742,000	15,000,000	10,000,000	28,863,000
13	PW01179	Holmes Road East Malone- Lamar	7,094,000	0	0	0	0	0	7,094,000
14	PW01052	Walnut Gr/Wolf/G'town	0	0	996,000	5,000,000	4,500,000	0	10,496,000
15	PW04037	Pathological Incinerator	0	0	700,000	0	0	0	700,000
16	PW01126	Crumpler-Global to Shelby	0	0	200,000	4,000,000	0	0	4,200,000
17	PW01122	Getwell-Stateline to Shelby	0	0	150,000	3,300,000	0	0	3,450,000
18	PW01125	Tchulahoma/State/Morning	0	0	250,000	2,550,000	130,000	1,270,000	4,200,000
19	PW01147	Malone/Holmes to Shelby	0	0	350,000	4,150,000	0	0	4,500,000
20	PW01127	Pleasant Hill Shelby Holmes	0	0	50,000	1,300,000	0	0	1,350,000
21	PW01087	Holmes Rd/S 3rd/Horn Lake	0	0	5,650,000	5,150,000	0	0	10,800,000
22	PW01062	Shelby Dr/Pidgeon/Weaver	0	0	0	2,220,000	0	0	2,220,000
23	PW01056	Holmes-Millbranch to East	2,005,000	0	12,997,000	0	0	0	15,002,000
24	PW01058	Walnut Gr/Bend/Rocky Pt	5,355,000	0	0	16,300,000	0	0	21,655,000
25	PW01059	Forest Hill/Irene/Walnut Gr	200,000	0	2,342,000	0	6,391,000	0	8,933,000
26	PW01199	STP REPAVING	11,148,000	0	4,500,000	4,500,000	4,500,000	4,500,000	29,148,000
27	PW02034	STP Bridge Repair @ Var Loc	100,000	0	1,440,000	0	0	0	1,540,000
28	PW01245	STP Bike/Ped Group	674,120	0	5,208,195	0	0	0	5,882,315
29	PW01251	Corning Ped Improvement	131,300	0	0	0	0	0	131,300



# CIP 2016 DIVISION SUMMARY

# PUBLIC WORKS

Division Priority	Project Number	Project Name	Reprogram	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Total
30	PW04094	Walker Avenue Streetscape	699,436	0	0	0	0	0	699,436
31	PW01258	ROW Utility Usage Study	700,000	0	0	0	0	0	700,000
32	PW01252	Repair Brooks Rd Bridge	1,447,000	0	0	0	0	0	1,447,000
Repair 14 Bridges Sam									
33	PW01253	Cooper	332,000	0	2,699,000	0	0	0	3,031,000
34	PW01254	STP Grp 5 Resurfacing	7,830,000	0	0	0	0	0	7,830,000
35	PW01255	Chelsea Avenue Greenline	280,882	0	1,200,000	2,000,000	0	0	3,480,882
36	PW01256	Overton Park Trail	31,200	0	0	0	0	0	31,200
Shelby Farms Greenline									
37	PW01257	Trail	375,000	0	0	0	0	0	375,000
Paul Lowery Road									
38	PW01261	Extension	2,300,000	0	0	0	0	0	2,300,000
39	PW01262	Patterson Realignment	240,000	2,110,000	0	0	0	0	2,350,000
40	PW01260	Sandbrook Realignment	500,000	0	0	0	0	0	500,000
Walker Ave. Streetscape									
41	PW04103	Ph. 2	0	95,000	0	543,824	0	0	638,824
42	PW04102	Riverdale Relocation	0	600,000	0	0	0	0	600,000
43	PW01269	Vollintine Evergreen Comm	0	210,000	0	0	0	0	210,000
44	PW01270	TN Brewery Infrastructure	0	2,500,000	0	0	0	0	2,500,000
45	PW04108	Binghampton Gateway	0	300,000	0	0	0	0	300,000
<b>Total</b>			<b>86,824,804</b>	<b>23,555,000</b>	<b>102,370,195</b>	<b>81,330,824</b>	<b>51,616,000</b>	<b>36,770,000</b>	<b>382,466,823</b>



# CIP 2016 DETAIL BY PROJECT

# PUBLIC WORKS

Project Name     ADA Curb Ramp  
 Project Number   PW04007  
 Division Priority   1

	<u>Reprogram</u>	<u>FY 2016</u>
<b>Revenue Sources</b>		
General Obligation Bonds	336,279	2,500,000
<b>Total Revenues</b>	<b>336,279</b>	<b>2,500,000</b>
<b>Expenditure Types</b>		
Engineering - Architecture	280,986	375,000
Contract Construction	55,293	2,125,000
<b>Total Expenditures</b>	<b>336,279</b>	<b>2,500,000</b>

**Project Description / Justification:**

This project reprograms the FY2014 allocation for the installation of curb ramps on corners at intersections throughout the City as required by the Americans with Disabilities Act.

**Operating Budget Impact:**

None

	<u>Reprogram</u>	<u>FY 2016</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>Total</u>
<b>Revenue Sources</b>							
General Obligation Bonds	336,279	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	12,836,279
<b>Total Revenues</b>	<b>336,279</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>12,836,279</b>
<b>Expenditure Types</b>							
Engineering - Architecture	280,986	375,000	375,000	375,000	375,000	375,000	2,155,986
Contract Construction	55,293	2,125,000	2,125,000	2,125,000	2,125,000	2,125,000	10,680,293
<b>Total Expenditures</b>	<b>336,279</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>12,836,279</b>



# CIP 2016 DETAIL BY PROJECT

# PUBLIC WORKS

**Project Name**     Safe Route to School-Rozelle  
**Project Number**   PW04066  
**Division Priority**   2

	<u>Reprogram</u>	<u>FY 2016</u>
<b>Revenue Sources</b>		
State Grants All	40,000	0
<b>Total Revenues</b>	<b>40,000</b>	<b>0</b>
<b>Expenditure Types</b>		
Engineering - Architecture	40,000	0
<b>Total Expenditures</b>	<b>40,000</b>	<b>0</b>

**Project Description / Justification:**

State Grant funds for safety enhancements on school pedestrian routes. This project will be in the vicinity of Rozelle Elementary School.

**Operating Budget Impact:**

None

	<u>Reprogram</u>	<u>FY 2016</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>Total</u>
<b>Revenue Sources</b>							
State Grants All	40,000	0	0	0	0	0	40,000
<b>Total Revenues</b>	<b>40,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>40,000</b>
<b>Expenditure Types</b>							
Engineering - Architecture	40,000	0	0	0	0	0	40,000
<b>Total Expenditures</b>	<b>40,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>40,000</b>





# CIP 2016 DETAIL BY PROJECT

# PUBLIC WORKS

Project Name Asphalt/Paving  
 Project Number PW01272  
 Division Priority 3

	<u>Reprogram</u>	<u>FY 2016</u>
<b>Revenue Sources</b>		
General Obligation Bonds	0	14,790,000
<b>Total Revenues</b>	<b>0</b>	<b>14,790,000</b>
<b>Expenditure Types</b>		
Contract Construction	0	14,790,000
<b>Total Expenditures</b>	<b>0</b>	<b>14,790,000</b>

**Project Description / Justification:**

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

**Operating Budget Impact:**

None

	<u>Reprogram</u>	<u>FY 2016</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>Total</u>
<b>Revenue Sources</b>							
General Obligation Bonds	0	14,790,000	17,500,000	18,000,000	18,500,000	18,500,000	87,290,000
<b>Total Revenues</b>	<b>0</b>	<b>14,790,000</b>	<b>17,500,000</b>	<b>18,000,000</b>	<b>18,500,000</b>	<b>18,500,000</b>	<b>87,290,000</b>
<b>Expenditure Types</b>							
Contract Construction	0	14,790,000	17,500,000	18,000,000	18,500,000	18,500,000	87,290,000
<b>Total Expenditures</b>	<b>0</b>	<b>14,790,000</b>	<b>17,500,000</b>	<b>18,000,000</b>	<b>18,500,000</b>	<b>18,500,000</b>	<b>87,290,000</b>



# CIP 2016 DETAIL BY PROJECT

# PUBLIC WORKS

**Project Name**     Blight-Crosstown  
**Project Number**   PW04097  
**Division Priority**   4

	<u>Reprogram</u>	<u>FY 2016</u>
<b>Revenue Sources</b>		
General Obligation Bonds	1,000,000	0
<b>Total Revenues</b>	<b>1,000,000</b>	<b>0</b>
<b>Expenditure Types</b>		
Contract Construction	1,000,000	0
<b>Total Expenditures</b>	<b>1,000,000</b>	<b>0</b>

**Project Description / Justification:**

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

**Operating Budget Impact:**

None

	<u>Reprogram</u>	<u>FY 2016</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>Total</u>
<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>							
Contract Construction	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>



# CIP 2016 DETAIL BY PROJECT

# PUBLIC WORKS

Project Name Second/I-40/Cedar  
 Project Number PW01023  
 Division Priority 5

	Reprogram	FY 2016
<b>Revenue Sources</b>		
Federal Grants CIP	3,752,000	0
Local Other CIP	200,000	0
<b>Total Revenues</b>	<b>3,952,000</b>	<b>0</b>
<b>Expenditure Types</b>		
Engineering - Architecture	3,952,000	0
<b>Total Expenditures</b>	<b>3,952,000</b>	<b>0</b>

**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

	Reprogram	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Total
<b>Revenue Sources</b>							
General Obligation Bonds	0	0	246,000	1,016,000	0	0	1,262,000
Federal Grants CIP	3,752,000	0	8,176,000	4,064,000	0	0	15,992,000
Local Other CIP	200,000	0	1,800,000	0	0	0	2,000,000
<b>Total Revenues</b>	<b>3,952,000</b>	<b>0</b>	<b>10,222,000</b>	<b>5,080,000</b>	<b>0</b>	<b>0</b>	<b>19,254,000</b>
<b>Expenditure Types</b>							
Engineering - Architecture	3,952,000	0	782,000	500,000	0	0	5,234,000
Land Acquisition	0	0	4,470,000	0	0	0	4,470,000
Contract Construction	0	0	4,970,000	4,580,000	0	0	9,550,000
<b>Total Expenditures</b>	<b>3,952,000</b>	<b>0</b>	<b>10,222,000</b>	<b>5,080,000</b>	<b>0</b>	<b>0</b>	<b>19,254,000</b>



# CIP 2016 DETAIL BY PROJECT

# PUBLIC WORKS

**Project Name** Elvis Presley/Shelby/Winch  
**Project Number** PW01064  
**Division Priority** 6

	Reprogram	FY 2016
<b>Revenue Sources</b>		
General Obligation Bonds	8,755,397	0
Federal Grants CIP	20,423,690	0
State Grants All	6,760,000	0
<b>Total Revenues</b>	<b>35,939,087</b>	<b>0</b>
<b>Expenditure Types</b>		
Engineering - Architecture	1,993,853	0
Land Acquisition	1,809,000	0
Contract Construction	32,136,234	0
<b>Total Expenditures</b>	<b>35,939,087</b>	<b>0</b>

**Project Description / Justification:**

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

**Operating Budget Impact:**

None

	Reprogram	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Total
<b>Revenue Sources</b>							
General Obligation Bonds	8,755,397	0	2,000,000	0	0	0	10,755,397
Federal Grants CIP	20,423,690	0	12,400,000	0	0	0	32,823,690
State Grants All	6,760,000	0	3,100,000	0	0	0	9,860,000
<b>Total Revenues</b>	<b>35,939,087</b>	<b>0</b>	<b>17,500,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>53,439,087</b>
<b>Expenditure Types</b>							
Engineering - Architecture	1,993,853	0	1,800,000	0	0	0	3,793,853
Land Acquisition	1,809,000	0	0	0	0	0	1,809,000
Contract Construction	32,136,234	0	15,700,000	0	0	0	47,836,234
<b>Total Expenditures</b>	<b>35,939,087</b>	<b>0</b>	<b>17,500,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>53,439,087</b>



# CIP 2016 DETAIL BY PROJECT

# PUBLIC WORKS

Project Name Sidewalk Replac-Variou  
 Project Number PW04024  
 Division Priority 7

	Reprogram	FY 2016
<b>Revenue Sources</b>		
General Obligation Bonds	199,500	450,000
<b>Total Revenues</b>	<b>199,500</b>	<b>450,000</b>
<b>Expenditure Types</b>		
Engineering - Architecture	15,400	0
Contract Construction	184,100	450,000
<b>Total Expenditures</b>	<b>199,500</b>	<b>450,000</b>

**Project Description / Justification:**

To replace sidewalk 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

	Reprogram	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Total
<b>Revenue Sources</b>							
General Obligation Bonds	199,500	450,000	95,000	95,000	95,000	0	934,500
<b>Total Revenues</b>	<b>199,500</b>	<b>450,000</b>	<b>95,000</b>	<b>95,000</b>	<b>95,000</b>	<b>0</b>	<b>934,500</b>
<b>Expenditure Types</b>							
Engineering - Architecture	15,400	0	7,000	7,000	7,000	0	36,400
Contract Construction	184,100	450,000	88,000	88,000	88,000	0	898,100
<b>Total Expenditures</b>	<b>199,500</b>	<b>450,000</b>	<b>95,000</b>	<b>95,000</b>	<b>95,000</b>	<b>0</b>	<b>934,500</b>



# CIP 2016 DETAIL BY PROJECT

# PUBLIC WORKS

**Project Name** Poplar/Sweetbriar Interchange  
**Project Number** PW01181  
**Division Priority** 8

	Reprogram	FY 2016
<b>Revenue Sources</b>		
General Obligation Bonds	440,000	0
Federal Grants CIP	1,760,000	0
<b>Total Revenues</b>	<b>2,200,000</b>	<b>0</b>
<b>Expenditure Types</b>		
Contract Construction	2,200,000	0
<b>Total Expenditures</b>	<b>2,200,000</b>	<b>0</b>

**Project Description / Justification:**

This project funds modifications to the Poplar/Sweetbriar interchange which will be necessary if proposed commercial/retail developments move forward. Specifically, the loop ramp from Sweetbriar to west bound Poplar (Ramp B) will be widened to accommodate 2 lanes of traffic. Poplar Ave west bound will be widened as necessary to accommodate the merging of traffic from the new ramp lane. Reprogram

**Operating Budget Impact:**

None

	Reprogram	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Total
<b>Revenue Sources</b>							
General Obligation Bonds	440,000	0	0	0	0	0	440,000
Federal Grants CIP	1,760,000	0	0	0	0	0	1,760,000
<b>Total Revenues</b>	<b>2,200,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2,200,000</b>
<b>Expenditure Types</b>							
Contract Construction	2,200,000	0	0	0	0	0	2,200,000
<b>Total Expenditures</b>	<b>2,200,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2,200,000</b>



# CIP 2016 DETAIL BY PROJECT

# PUBLIC WORKS

**Project Name** Clark Road/Shelby Dr/Raines  
**Project Number** PW01070  
**Division Priority** 9

	Reprogram	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Total
<b>Revenue Sources</b>							
General Obligation Bonds	0	0	700,00	3,900,000	0	0	4,600,000
<b>Total Revenues</b>	<b>0</b>	<b>0</b>	<b>700,000</b>	<b>3,900,000</b>	<b>0</b>	<b>0</b>	<b>4,600,000</b>
<b>Expenditure Types</b>							
Engineering - Architecture	0	0	0	150,000	0	0	150,000
Land Acquisition	0	0	700,000	0	0	0	700,000
Contract Construction	0	0	0	3,750,000	0	0	3,750,000
<b>Total Expenditures</b>	<b>0</b>	<b>0</b>	<b>700,000</b>	<b>3,900,000</b>	<b>0</b>	<b>0</b>	<b>4,600,000</b>

**Project Description / Justification:**

This project provides funds that will provide a four lane road for the north-south traffic in the South East Memphis area.

**Operating Budget Impact:**

None



# CIP 2016 DETAIL BY PROJECT

# PUBLIC WORKS

Project Name Winchester/Perkins  
 Project Number PW01025  
 Division Priority 10

	Reprogram	FY 2016
<b>Revenue Sources</b>		
General Obligation Bonds	254,000	0
Federal Grants CIP	1,011,000	0
<b>Total Revenues</b>	<b>1,265,000</b>	<b>0</b>
<b>Expenditure Types</b>		
Land Acquisition	1,265,000	0
Contract Construction	0	0
<b>Total Expenditures</b>	<b>1,265,000</b>	<b>0</b>

**Project Description / Justification:**

This project provides funds for the following improvements: Replacement of the Perkins Road overpass over Winchester and reconfiguration of the interchange to a single point urban interchange. It will allow for Winchester to be widened to three lanes of traffic in each direction as well as provide turn lanes for turning vehicles. The project will greatly increase safety and capacity at this interchange.

**Operating Budget Impact:**

None

	Reprogram	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Total
<b>Revenue Sources</b>							
General Obligation Bonds	254,000	0	2,400,000	0	0	0	2,654,000
Federal Grants CIP	1,011,000	0	9,600,000	0	0	0	10,611,000
<b>Total Revenues</b>	<b>1,265,000</b>	<b>0</b>	<b>12,000,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>13,265,000</b>
<b>Expenditure Types</b>							
Land Acquisition	1,265,000	0	0	0	0	0	1,265,000
Contract Construction	0	0	12,000,000	0	0	0	12,000,000
<b>Total Expenditures</b>	<b>1,265,000</b>	<b>0</b>	<b>12,000,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>13,265,000</b>





# CIP 2016 DETAIL BY PROJECT

# PUBLIC WORKS

Project Name IP Infrastructure  
 Project Number PW01246  
 Division Priority 11

	Reprogram	FY 2016
<b>Revenue Sources</b>		
General Obligation Bonds	450,000	0
<b>Total Revenues</b>	<b>450,000</b>	<b>0</b>
<b>Expenditure Types</b>		
Contract Construction	450,000	0
<b>Total Expenditures</b>	<b>450,000</b>	<b>0</b>

**Project Description / Justification:**

Infrastructure required for expansion of The International Paper Headquarters facility. Work to include pedestrian overpass and intersection improvements.

**Operating Budget Impact:**

None

	Reprogram	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Total
<b>Revenue Sources</b>							
General Obligation Bonds	450,000	0	0	0	0	0	450,000
<b>Total Revenues</b>	<b>450,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>450,000</b>
<b>Expenditure Types</b>							
Contract Construction	450,000	0	0	0	0	0	450,000
<b>Total Expenditures</b>	<b>450,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>450,000</b>



# CIP 2016 DETAIL BY PROJECT

# PUBLIC WORKS

**Project Name** Kirby Pkwy/Walnut Gr to Macon  
**Project Number** PW01174  
**Division Priority** 12

	Reprogram	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Total
<b>Revenue Sources</b>							
General Obligation Bonds	0	0	625,000	149,000	3,000,000	2,000,000	5,774,000
Federal Grants CIP	0	0	2,496,000	593,000	12,000,000	8,000,000	23,089,000
<b>Total Revenues</b>	<b>0</b>	<b>0</b>	<b>3,121,000</b>	<b>742,000</b>	<b>15,000,000</b>	<b>10,000,000</b>	<b>28,863,000</b>
<b>Expenditure Types</b>							
Engineering - Architecture	0	0	3,121,000	0	0	0	3,121,000
Land Acquisition	0	0	0	742,000	0	0	742,000
Contract Construction	0	0	0	0	15,000,000	10,000,000	25,000,000
<b>Total Expenditures</b>	<b>0</b>	<b>0</b>	<b>3,121,000</b>	<b>742,000</b>	<b>15,000,000</b>	<b>10,000,000</b>	<b>28,863,000</b>

**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.

**Operating Budget Impact:**

None



# CIP 2016 DETAIL BY PROJECT

# PUBLIC WORKS

**Project Name** Holmes Road East Malone-Lamar  
**Project Number** PW01179  
**Division Priority** 13

	Reprogram	FY 2016
<b>Revenue Sources</b>		
General Obligation Bonds	1,260,000	0
Federal Grants CIP	5,834,000	0
<b>Total Revenues</b>	<b>7,094,000</b>	<b>0</b>
<b>Expenditure Types</b>		
Engineering - Architecture	817,000	0
Land Acquisition	5,663,000	0
Contract Construction	614,000	0
<b>Total Expenditures</b>	<b>7,094,000</b>	<b>0</b>

**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.

**Operating Budget Impact:**

None

	Reprogram	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Total
<b>Revenue Sources</b>							
General Obligation Bonds	1,260,000	0	0	0	0	0	1,260,000
Federal Grants CIP	5,834,000	0	0	0	0	0	5,834,000
<b>Total Revenues</b>	<b>7,094,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>7,094,000</b>
<b>Expenditure Types</b>							
Engineering - Architecture	817,000	0	0	0	0	0	817,000
Land Acquisition	5,663,000	0	0	0	0	0	5,663,000
Contract Construction	614,000	0	0	0	0	0	614,000
<b>Total Expenditures</b>	<b>7,094,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>7,094,000</b>



# CIP 2016 DETAIL BY PROJECT

# PUBLIC WORKS

**Project Name** Walnut Gr/Wolf/G'town  
**Project Number** PW01052  
**Division Priority** 14

	Reprogram	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Total
<b>Revenue Sources</b>							
General Obligation Bonds	0	0	200,000	1,000,000	900,000	0	2,100,000
Federal Grants CIP	0	0	796,000	4,000,000	3,600,000	0	8,396,000
<b>Total Revenues</b>	<b>0</b>	<b>0</b>	<b>996,000</b>	<b>5,000,000</b>	<b>4,500,000</b>	<b>0</b>	<b>10,496,000</b>
<b>Expenditure Types</b>							
Engineering - Architecture	0	0	996,000	500,000	500,000	0	1,996,000
Contract Construction	0	0	0	4,500,000	4,000,000	0	8,500,000
<b>Total Expenditures</b>	<b>0</b>	<b>0</b>	<b>996,000</b>	<b>5,000,000</b>	<b>4,500,000</b>	<b>0</b>	<b>10,496,000</b>

**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.

**Operating Budget Impact:**

None



# CIP 2016 DETAIL BY PROJECT

# PUBLIC WORKS

**Project Name** Pathological Incinerator  
**Project Number** PW04037  
**Division Priority** 15

	Reprogram	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	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 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.

**Operating Budget Impact:**

None



# CIP 2016 DETAIL BY PROJECT

# PUBLIC WORKS

**Project Name** Crumpler-Global to Shelby  
**Project Number** PW01126  
**Division Priority** 16

	Reprogram	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Total
<b>Revenue Sources</b>							
General Obligation Bonds	0	0	200,000	4,000,000	0	0	4,200,000
<b>Total Revenues</b>	<b>0</b>	<b>0</b>	<b>200,000</b>	<b>4,000,000</b>	<b>0</b>	<b>0</b>	<b>4,200,000</b>
<b>Expenditure Types</b>							
Engineering - Architecture	0	0	0	160,000	0	0	160,000
Land Acquisition	0	0	200,000	0	0	0	200,000
Contract Construction	0	0	0	3,840,000	0	0	3,840,000
<b>Total Expenditures</b>	<b>0</b>	<b>0</b>	<b>200,000</b>	<b>4,000,000</b>	<b>0</b>	<b>0</b>	<b>4,200,000</b>

**Project Description / Justification:**

This project provides funds for widening the sections of Crumpler within the corporate limits of the City from Global to Shelby Drive. This project is associated with Southeast Annexation area. This project will provide a five-lane section for the roadway and improve drainage and sight lines.

**Operating Budget Impact:**

None



# CIP 2016 DETAIL BY PROJECT

# PUBLIC WORKS

**Project Name**     Getwell-Stateline to Shelby  
**Project Number**   PW01122  
**Division Priority**   17

	Reprogram	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	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 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.

**Operating Budget Impact:**

None



# CIP 2016 DETAIL BY PROJECT

# PUBLIC WORKS

**Project Name** Tchulahoma/State/Morning  
**Project Number** PW01125  
**Division Priority** 18

	Reprogram	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	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	100,000	0	350,000
Contract Construction	0	0	0	2,400,000	0	1,200,000	3,600,000
<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 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.

**Operating Budget Impact:**

None





# CIP 2016 DETAIL BY PROJECT

# PUBLIC WORKS

**Project Name** Malone/Holmes to Shelby  
**Project Number** PW01147  
**Division Priority** 19

	Reprogram	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	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 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.

**Operating Budget Impact:**

None



# CIP 2016 DETAIL BY PROJECT

# PUBLIC WORKS

**Project Name** Pleasant Hill Shelby Holmes  
**Project Number** PW01127  
**Division Priority** 20

	Reprogram	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	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>							
Engineering - Architecture	0	0	0	50,000	0	0	50,000
Land Acquisition	0	0	50,000	0	0	0	50,000
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 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.

**Operating Budget Impact:**

None



# CIP 2016 DETAIL BY PROJECT

# PUBLIC WORKS

**Project Name** Holmes Rd/S 3rd/Horn Lake  
**Project Number** PW01087  
**Division Priority** 21

	Reprogram	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Total
<b>Revenue Sources</b>							
General Obligation Bonds	0	0	5,650,000	5,150,000	0	0	10,800,000
<b>Total Revenues</b>	<b>0</b>	<b>0</b>	<b>5,650,000</b>	<b>5,150,000</b>	<b>0</b>	<b>0</b>	<b>10,800,000</b>
<b>Expenditure Types</b>							
Engineering - Architecture	0	0	150,000	150,000	0	0	300,000
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>0</b>	<b>0</b>	<b>5,650,000</b>	<b>5,150,000</b>	<b>0</b>	<b>0</b>	<b>10,800,000</b>

**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.

**Operating Budget Impact:**

None



# CIP 2016 DETAIL BY PROJECT

# PUBLIC WORKS

**Project Name**     Shelby Dr/Pidgeon/Weaver  
**Project Number**   PW01062  
**Division Priority**   22

	Reprogram	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Total
<b>Revenue Sources</b>							
General Obligation Bonds	0	0	0	444,000	0	0	444,000
Federal Grants CIP	0	0	0	1,776,000	0	0	1,776,000
<b>Total Revenues</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2,220,000</b>	<b>0</b>	<b>0</b>	<b>2,220,000</b>
<b>Expenditure Types</b>							
Engineering - Architecture	0	0	0	2,220,000	0	0	2,220,000
<b>Total Expenditures</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2,220,000</b>	<b>0</b>	<b>0</b>	<b>2,220,000</b>

**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.

**Operating Budget Impact:**

None



# CIP 2016 DETAIL BY PROJECT

# PUBLIC WORKS

**Project Name** Holmes-Millbranch to East  
**Project Number** PW01056  
**Division Priority** 23

	Reprogram	FY 2016
<b>Revenue Sources</b>		
General Obligation Bonds	402,000	0
Federal Grants CIP	1,603,000	0
<b>Total Revenues</b>	<b>2,005,000</b>	<b>0</b>
<b>Expenditure Types</b>		
Engineering - Architecture	1,000	0
Contract Construction	2,004,000	0
<b>Total Expenditures</b>	<b>2,005,000</b>	<b>0</b>

**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.

**Operating Budget Impact:**

None

	Reprogram	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	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	1,301,000
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>15,002,000</b>



# CIP 2016 DETAIL BY PROJECT

# PUBLIC WORKS

Project Name Walnut Gr/Bend/Rocky Pt  
 Project Number PW01058  
 Division Priority 24

	Reprogram	FY 2016
<b>Revenue Sources</b>		
General Obligation Bonds	1,071,000	0
Federal Grants CIP	4,284,000	0
<b>Total Revenues</b>	<b>5,355,000</b>	<b>0</b>
<b>Expenditure Types</b>		
Contract Construction	5,355,000	0
<b>Total Expenditures</b>	<b>5,335,000</b>	<b>0</b>

**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.

**Operating Budget Impact:**

None

	Reprogram	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Total
<b>Revenue Sources</b>							
General Obligation Bonds	1,071,000	0	0	3,260,000	0	0	4,331,000
Federal Grants CIP	4,284,000	0	0	13,040,000	0	0	17,324,000
<b>Total Revenues</b>	<b>5,355,000</b>	<b>0</b>	<b>0</b>	<b>16,300,000</b>	<b>0</b>	<b>0</b>	<b>21,655,000</b>
<b>Expenditure Types</b>							
Contract Construction	5,355,000	0	0	16,300,000	0	0	21,655,000
<b>Total Expenditures</b>	<b>5,355,000</b>	<b>0</b>	<b>0</b>	<b>16,300,000</b>	<b>0</b>	<b>0</b>	<b>21,655,000</b>



# CIP 2016 DETAIL BY PROJECT

# PUBLIC WORKS

**Project Name** Forest Hill/Irene/Walnut Gr  
**Project Number** PW01059  
**Division Priority** 25

	Reprogram	FY 2016
<b>Revenue Sources</b>		
Federal Grants CIP	200,000	0
<b>Total Revenues</b>	<b>200,000</b>	<b>0</b>
<b>Expenditure Types</b>		
Engineering - Architecture	200,000	0
<b>Total Expenditures</b>	<b>200,000</b>	<b>0</b>

**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.

**Operating Budget Impact:**

None

	Reprogram	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Total
<b>Revenue Sources</b>							
General Obligation Bonds	0	0	469,000	0	1,279,000	0	1,748,000
Federal Grants CIP	200,000	0	1,873,000	0	5,112,000	0	7,185,000
<b>Total Revenues</b>	<b>200,000</b>	<b>0</b>	<b>2,342,000</b>	<b>0</b>	<b>6,391,000</b>	<b>0</b>	<b>8,933,000</b>
<b>Expenditure Types</b>							
Engineering - Architecture	200,000	0	0	0	0	0	200,000
Land Acquisition	0	0	2,342,000	0	0	0	2,342,000
Contract Construction	0	0	0	0	6,391,000	0	6,391,000
<b>Total Expenditures</b>	<b>200,000</b>	<b>0</b>	<b>2,342,000</b>	<b>0</b>	<b>6,391,000</b>	<b>0</b>	<b>8,933,000</b>



# CIP 2016 DETAIL BY PROJECT

# PUBLIC WORKS

Project Name STP REPAVING  
 Project Number PW01199  
 Division Priority 26

	Reprogram	FY 2016
<b>Revenue Sources</b>		
General Obligation Bonds	2,230,000	0
Federal Grants CIP	8,918,000	0
<b>Total Revenues</b>	<b>11,148,000</b>	<b>0</b>
<b>Expenditure Types</b>		
Engineering - Architecture	1,689,000	0
Contract Construction	9,459,000	0
<b>Total Expenditures</b>	<b>11,148,000</b>	<b>0</b>

**Project Description / Justification:**

This project is funded by a Federal Surface Transportation Program Grant and is divided into two groups STP Group 4 and STP Group 6. Preventive maintenance paving activities will be completed at the following locations: STP Group 4 1. Front St - Union to AW Willis, 2. East St - Crump to Linden, 3. Florida St - E Mallory to 1300' South, 4. Prescott St - Cherokee to Radford, 5. New Horn Lake Rd - Mitchell to Pebbles, 6. Neely Rd - Raines to Holmes, 7. Brooks Rd - Elvis Presley to Airways; STP Group 6 1. Cooper St - Washington to Central, 2. Getwell Rd - Park to I-40, 3. Airways Blvd - Shelby to Stateline, 4. Mendenhall Rd - Mt. Moriah to Knight Arnold.

**Operating Budget Impact:**

None

	Reprogram	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Total
<b>Revenue Sources</b>							
General Obligation Bonds	2,230,000	0	900,000	900,000	900,000	900,000	5,830,000
Federal Grants CIP	8,918,000	0	3,600,000	3,600,000	3,600,000	3,600,000	23,318,000
<b>Total Revenues</b>	<b>11,148,000</b>	<b>0</b>	<b>4,500,000</b>	<b>4,500,000</b>	<b>4,500,000</b>	<b>4,500,000</b>	<b>29,148,000</b>
<b>Expenditure Types</b>							
Engineering - Architecture	1,689,000	0	585,000	585,000	585,000	585,000	4,029,000
Contract Construction	9,459,000	0	3,915,000	3,915,000	3,915,000	3,915,000	25,119,000
<b>Total Expenditures</b>	<b>11,148,000</b>	<b>0</b>	<b>4,500,000</b>	<b>4,500,000</b>	<b>4,500,000</b>	<b>4,500,000</b>	<b>29,148,000</b>





# CIP 2016 DETAIL BY PROJECT

# PUBLIC WORKS

**Project Name** STP Bridge Repair @ Var Loc  
**Project Number** PW02034  
**Division Priority** 27

	Reprogram	FY 2016
<b>Revenue Sources</b>		
Federal Grants CIP	80,000	0
General Obligation Bonds	20,000	0
<b>Total Revenues</b>	<b>100,000</b>	<b>0</b>
<b>Expenditure Types</b>		
Contract Construction	100,000	0
<b>Total Expenditures</b>	<b>100,000</b>	<b>0</b>

**Project Description / Justification:**

To repair and upgrade Bridges rated poor of deficient by TDOT. Bridges include; Highland/Wolfriver, Mitchell/ICRR. Plough/Winchester.

**Operating Budget Impact:**

None

	Reprogram	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Total
<b>Revenue Sources</b>							
General Obligation Bonds	20,000	0	288,000	0	0	0	308,000
Federal Grants CIP	80,000	0	1,152,000	0	0	0	1,232,000
<b>Total Revenues</b>	<b>100,000</b>	<b>0</b>	<b>1,440,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,540,000</b>
<b>Expenditure Types</b>							
Contract Construction	100,000	0	1,440,000	0	0	0	1,540,000
<b>Total Expenditures</b>	<b>100,000</b>	<b>0</b>	<b>1,440,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,540,000</b>



# CIP 2016 DETAIL BY PROJECT

# PUBLIC WORKS

Project Name STP Bike/Ped Group  
 Project Number PW01245  
 Division Priority 28

	Reprogram	FY 2016
<b>Revenue Sources</b>		
Federal Grants CIP	457,000	0
General Obligation Bonds	208,000	0
Local Other CIP	9,120	
<b>Total Revenues</b>	<b>674,120</b>	<b>0</b>
<b>Expenditure Types</b>		
Engineering - Architecture	674,120	0
<b>Total Expenditures</b>	<b>674,120</b>	<b>0</b>

**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

	Reprogram	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Total
<b>Revenue Sources</b>							
General Obligation Bonds	208,000	0	820,000	0	0	0	1,028,000
Federal Grants CIP	457,000	0	4,166,556	0	0	0	4,623,556
Local Other CIP	9,120	0	221,639	0	0	0	230,759
<b>Total Revenues</b>	<b>674,120</b>	<b>0</b>	<b>5,208,195</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>5,882,315</b>
<b>Expenditure Types</b>							
Engineering - Architecture	674,120	0	579,286	0	0	0	1,253,406
Land Acquisition	0	0	241,409	0	0	0	241,409
Contract Construction	0	0	4,387,500	0	0	0	4,387,500
<b>Total Expenditures</b>	<b>674,120</b>	<b>0</b>	<b>5,208,195</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>5,882,315</b>



# CIP 2016 DETAIL BY PROJECT

# PUBLIC WORKS

**Project Name**     Corning Ped Improvement  
**Project Number**   PW01251  
**Division Priority**   29

	<u>Reprogram</u>	<u>FY 2016</u>
<b>Revenue Sources</b>		
General Obligation Bonds	131,300	0
<b>Total Revenues</b>	<b>131,300</b>	<b>0</b>
<b>Expenditure Types</b>		
Engineering - Architecture	51,110	0
Land Acquisition	25,000	0
Contract Construction	55,190	0
<b>Total Expenditures</b>	<b>131,300</b>	<b>0</b>

**Project Description / Justification:**

Provide curb, gutter and pedestrian facilities along Corning Avenue from Steele Street to East of Winston Drive.

**Operating Budget Impact:**

None

	<u>Reprogram</u>	<u>FY 2016</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>Total</u>
<b>Revenue Sources</b>							
General Obligation Bonds	131,300	0	0	0	0	0	131,300
<b>Total Revenues</b>	<b>131,300</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>131,300</b>
<b>Expenditure Types</b>							
Engineering - Architecture	51,110	0	0	0	0	0	51,110
Land Acquisition	25,000	0	0	0	0	0	25,000
Contract Construction	55,190	0	0	0	0	0	55,190
<b>Total Expenditures</b>	<b>131,300</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>131,300</b>



# CIP 2016 DETAIL BY PROJECT

# PUBLIC WORKS

**Project Name** Walker Avenue Streetscape  
**Project Number** PW04094  
**Division Priority** 30

	Reprogram	FY 2016
<b>Revenue Sources</b>		
General Obligation Bonds	170,000	0
Federal Grants CIP	529,436	0
<b>Total Revenues</b>	<b>699,436</b>	<b>0</b>
<b>Expenditure Types</b>		
Engineering - Architecture	25,000	0
Contract Construction	674,436	0
<b>Total Expenditures</b>	<b>699,436</b>	<b>0</b>

**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

	Reprogram	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Total
<b>Revenue Sources</b>							
General Obligation Bonds	170,000	0	0	0	0	0	170,000
Federal Grants CIP	529,436	0	0	0	0	0	529,436
<b>Total Revenues</b>	<b>699,436</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>699,436</b>
<b>Expenditure Types</b>							
Engineering - Architecture	25,000	0	0	0	0	0	25,000
Contract Construction	674,436	0	0	0	0	0	674,439
<b>Total Expenditures</b>	<b>699,436</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>699,436</b>



# CIP 2016 DETAIL BY PROJECT

# PUBLIC WORKS

**Project Name**     ROW Utility Usage Study  
**Project Number**    PW01258  
**Division Priority**    31

	<u>Reprogram</u>	<u>FY 2016</u>
<b>Revenue Sources</b>		
General Obligation Bonds	700,000	0
<b>Total Revenues</b>	<b>700,000</b>	<b>0</b>
<b>Expenditure Types</b>		
Land Acquisition	12,000	
<b>Total Expenditures</b>	<b>700,000</b>	<b>0</b>

**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.

**Operating Budget Impact:**

None

	<u>Reprogram</u>	<u>FY 2016</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>Total</u>
<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>



# CIP 2016 DETAIL BY PROJECT

# PUBLIC WORKS

**Project Name** Repair Brooks Rd Bridge  
**Project Number** PW01252  
**Division Priority** 32

	Reprogram	FY 2016
<b>Revenue Sources</b>		
General Obligation Bonds	163,000	0
Federal Grants CIP	1,284,000	0
<b>Total Revenues</b>	<b>1,477,000</b>	<b>0</b>
<b>Expenditure Types</b>		
Engineering - Architecture	13,000	0
Contract Construction	1,422,000	0
Land Acquisition	12,000	
<b>Total Expenditures</b>	<b>1,477,000</b>	<b>0</b>

**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.

**Operating Budget Impact:**

None

	Reprogram	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	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>



# CIP 2016 DETAIL BY PROJECT

# PUBLIC WORKS

**Project Name** Repair 14 Bridges Sam Cooper  
**Project Number** PW01253  
**Division Priority** 33

	<u>Reprogram</u>	<u>FY 2016</u>
<b>Revenue Sources</b>		
General Obligation Bonds	67,000	0
Federal Grants CIP	265,000	0
<b>Total Revenues</b>	<b>332,000</b>	<b>0</b>
<b>Expenditure Types</b>		
Engineering - Architecture	332,000	0
<b>Total Expenditures</b>	<b>332,000</b>	<b>0</b>

**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

	<u>Reprogram</u>	<u>FY 2016</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>Total</u>
<b>Revenue Sources</b>							
General Obligation Bonds	67,000	0	540,000	0	0	0	607,000
Federal Grants CIP	265,000	0	2,159,000	0	0	0	2,424,000
<b>Total Revenues</b>	<b>332,000</b>	<b>0</b>	<b>2,699,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3,031,000</b>
<b>Expenditure Types</b>							
Engineering - Architecture	332,000	0	301,000	0	0	0	633,000
Contract Construction	0	0	2,398,000	0	0	0	2,398,000
<b>Total Expenditures</b>	<b>332,000</b>	<b>0</b>	<b>2,699,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3,031,000</b>



# CIP 2016 DETAIL BY PROJECT

# PUBLIC WORKS

**Project Name** STP Grp 5 Resurfacing  
**Project Number** PW01254  
**Division Priority** 34

	<u>Reprogram</u>	<u>FY 2016</u>
<b>Revenue Sources</b>		
General Obligation Bonds	1,556,000	0
Federal Grants CIP	6,264,000	0
<b>Total Revenues</b>	<b><u>7,830,000</u></b>	<b><u>0</u></b>
<b>Expenditure Types</b>		
Engineering - Architecture	700,000	0
Contract Construction	7,130,000	0
<b>Total Expenditures</b>	<b><u>7,830,000</u></b>	<b><u>0</u></b>

**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.

**Operating Budget Impact:**

None

	<u>Reprogram</u>	<u>FY 2016</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>Total</u>
<b>Revenue Sources</b>							
General Obligation Bonds	1,566,000	0	0	0	0	0	1,566,000
Federal Grants CIP	6,264,000	0	0	0	0	0	6,264,000
<b>Total Revenues</b>	<b><u>7,830,000</u></b>	<b><u>0</u></b>	<b><u>0</u></b>	<b><u>0</u></b>	<b><u>0</u></b>	<b><u>0</u></b>	<b><u>7,830,000</u></b>
<b>Expenditure Types</b>							
Engineering - Architecture	700,000	0	0	0	0	0	700,000
Contract Construction	7,130,000	0	0	0	0	0	7,130,000
<b>Total Expenditures</b>	<b><u>7,830,000</u></b>	<b><u>0</u></b>	<b><u>0</u></b>	<b><u>0</u></b>	<b><u>0</u></b>	<b><u>0</u></b>	<b><u>7,830,000</u></b>





# CIP 2016 DETAIL BY PROJECT

# PUBLIC WORKS

**Project Name** Chelsea Avenue Greenline  
**Project Number** PW01255  
**Division Priority** 35

	Reprogram	FY 2016
<b>Revenue Sources</b>		
General Obligation Bonds	61,000	0
Federal Grants CIP	219,882	0
<b>Total Revenues</b>	<b>280,882</b>	<b>0</b>
<b>Expenditure Types</b>		
Engineering - Architecture	282,882	0
<b>Total Expenditures</b>	<b>282,882</b>	<b>0</b>

**Project Description / Justification:**

This project provides funding to design and construct a shared-use path adjacent to Chelsea Avenue from Washington Park to Evergreen along an abandoned rail alignment.

**Operating Budget Impact:**

None

	Reprogram	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Total
<b>Revenue Sources</b>							
General Obligation Bonds	61,000	0	240,000	2,000,000	0	0	2,301,000
Federal Grants CIP	219,882	0	960,000	0	0	0	1,179,882
<b>Total Revenues</b>	<b>280,882</b>	<b>0</b>	<b>1,200,000</b>	<b>2,000,000</b>	<b>0</b>	<b>0</b>	<b>3,480,882</b>
<b>Expenditure Types</b>							
Land Acquisition	280,882	0	1,200,000	0	0	0	1,480,882
Contract Construction	0	0	0	2,000,000	0	0	2,000,000
<b>Total Expenditures</b>	<b>280,882</b>	<b>0</b>	<b>1,200,000</b>	<b>2,000,000</b>	<b>0</b>	<b>0</b>	<b>3,480,882</b>



# CIP 2016 DETAIL BY PROJECT

# PUBLIC WORKS

**Project Name**      Overton Park Trail  
**Project Number**    PW01256  
**Division Priority**    36

	<u>Reprogram</u>	<u>FY 2016</u>
<b>Revenue Sources</b>		
General Obligation Bonds	7,000	0
Federal Grants CIP	22,000	0
Local Other CIP	2,200	0
<b>Total Revenues</b>	<b>31,200</b>	<b>0</b>
<b>Expenditure Types</b>		
Engineering - Architecture	31,200	0
<b>Total Expenditures</b>	<b>31,200</b>	<b>0</b>

**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

	<u>Reprogram</u>	<u>FY 2016</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>Total</u>
<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>



# CIP 2016 DETAIL BY PROJECT

# PUBLIC WORKS

**Project Name**     Shelby Farms Greenline Trail  
**Project Number**    PW01257  
**Division Priority**    37

	<u>Reprogram</u>	<u>FY 2016</u>
<b>Revenue Sources</b>		
General Obligation Bonds	82,000	0
Federal Grants CIP	293,000	0
<b>Total Revenues</b>	<b>375,000</b>	<b>0</b>
<b>Expenditure Types</b>		
Engineering - Architecture	375,000	0
<b>Total Expenditures</b>	<b>375,000</b>	<b>0</b>

**Project Description / Justification:**

Design and Construct bridge over active railroad allowing westward expansion of Shelby Farms Greenline into Tobey Park via Flicker Street.

**Operating Budget Impact:**

None

	<u>Reprogram</u>	<u>FY 2016</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>Total</u>
<b>Revenue Sources</b>							
General Obligation Bonds	82,000	0	0	0	0	0	82,000
Federal Grants CIP	293,000	0	0	0	0	0	293,000
<b>Total Revenues</b>	<b>375,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>375,000</b>
<b>Expenditure Types</b>							
Engineering - Architecture	375,000	0	0	0	0	0	375,000
<b>Total Expenditures</b>	<b>375,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>375,000</b>



# CIP 2016 DETAIL BY PROJECT

# PUBLIC WORKS

**Project Name** Paul Lowery Road Extension  
**Project Number** PW01261  
**Division Priority** 38

	Reprogram	FY 2016
<b>Revenue Sources</b>		
General Obligation Bonds	2,300,000	0
<b>Total Revenues</b>	<b>2,300,000</b>	<b>0</b>
<b>Expenditure Types</b>		
Engineering - Architecture	100,000	0
Contract Construction	2,200,000	0
<b>Total Expenditures</b>	<b>2,300,000</b>	<b>0</b>

**Project Description / Justification:**

Extend Paul Lowry Road approximately 6000' to provide industrial access.

**Operating Budget Impact:**

None

	Reprogram	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Total
<b>Revenue Sources</b>							
General Obligation Bonds	2,300,000	0	0	0	0	0	2,300,000
<b>Total Revenues</b>	<b>2,300,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2,300,000</b>
<b>Expenditure Types</b>							
Land Acquisition	100,000	0	0	0	0	0	100,000
Contract Construction	2,200,000	0	0	0	0	0	2,200,000
<b>Total Expenditures</b>	<b>2,300,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2,300,000</b>



# CIP 2016 DETAIL BY PROJECT

# PUBLIC WORKS

Project Name Patterson Realignment  
 Project Number PW01262  
 Division Priority 39

	Reprogram	FY 2016
<b>Revenue Sources</b>		
General Obligation Bonds	200,000	1,680,000
Local Other CIP	40,000	430,000
<b>Total Revenues</b>	<b>240,000</b>	<b>2,110,000</b>
<b>Expenditure Types</b>		
Engineering - Architecture	240,000	106,000
Contract Construction	0	2,004,000
<b>Total Expenditures</b>	<b>240,000</b>	<b>2,110,000</b>

**Project Description / Justification:**

This project will realign the intersection of Patterson and Walker with the intersection of Patterson and Southern.

**Operating Budget Impact:**

None

	Reprogram	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Total
<b>Revenue Sources</b>							
General Obligation Bonds	200,000	1,680,000	0	0	0	0	1,880,000
Local Other CIP	40,000	430,000	0	0	0	0	470,000
<b>Total Revenues</b>	<b>240,000</b>	<b>2,110,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2,350,000</b>
<b>Expenditure Types</b>							
Engineering - Architecture	240,000	106,000	0	0	0	0	346,000
Contract Construction	0	2,004,000	0	0	0	0	2,004,000
<b>Total Expenditures</b>	<b>240,000</b>	<b>2,110,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2,350,000</b>



# CIP 2016 DETAIL BY PROJECT

# PUBLIC WORKS

**Project Name** Sandbrook Realignment  
**Project Number** PW01260  
**Division Priority** 40

	Reprogram	FY 2016
<b>Revenue Sources</b>		
General Obligation Bonds	500,000	0
<b>Total Revenues</b>	<b>500,000</b>	<b>0</b>
<b>Expenditure Types</b>		
Engineering - Architecture	75,000	0
Contract Construction	50,000	0
Land Acquisition	375,000	0
<b>Total Expenditures</b>	<b>500,000</b>	<b>0</b>

**Project Description / Justification:**

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

**Operating Budget Impact:**

None

	Reprogram	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	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	375,000	0	0	0	0	0	375,000
Contract Construction	50,000	0	0	0	0	0	50,000
<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>



# CIP 2016 DETAIL BY PROJECT

# PUBLIC WORKS

**Project Name** Walker Ave. Streetscape Ph. 2  
**Project Number** PW04103  
**Division Priority** 41

	<u>Reprogram</u>	<u>FY 2016</u>
<b>Revenue Sources</b>		
General Obligation Bonds	0	95,000
<b>Total Revenues</b>	<b>0</b>	<b>95,000</b>
<b>Expenditure Types</b>		
Engineering - Architecture	0	95,000
<b>Total Expenditures</b>	<b>0</b>	<b>95,000</b>

**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

	<u>Reprogram</u>	<u>FY 2016</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>Total</u>
<b>Revenue Sources</b>							
General Obligation Bonds	0	95,000	0	543,824	0	0	638,824
<b>Total Revenues</b>	<b>0</b>	<b>95,000</b>	<b>0</b>	<b>543,824</b>	<b>0</b>	<b>0</b>	<b>638,824</b>
<b>Expenditure Types</b>							
Engineering - Architecture	0	95,000	0	85,000	0	0	180,000
Contract Construction	0	0	0	458,824	0	0	458,824
<b>Total Expenditures</b>	<b>0</b>	<b>95,000</b>	<b>0</b>	<b>543,824</b>	<b>0</b>	<b>0</b>	<b>638,824</b>



# CIP 2016 DETAIL BY PROJECT

# PUBLIC WORKS

**Project Name** Riverdale Relocation  
**Project Number** PW04102  
**Division Priority** 42

	<u>Reprogram</u>	<u>FY 2016</u>
<b>Revenue Sources</b>		
General Obligation Bonds	0	600,000
<b>Total Revenues</b>	<b>0</b>	<b>600,000</b>
<b>Expenditure Types</b>		
Contract Construction	0	600,000
<b>Total Expenditures</b>	<b>0</b>	<b>600,000</b>

**Project Description / Justification:**

Funding to facilitate Public Works' Neighborhood Improvement section relocation to a central location to the Riverdale Facility.

**Operating Budget Impact:**

None

	<u>Reprogram</u>	<u>FY 2016</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>Total</u>
<b>Revenue Sources</b>							
General Obligation Bonds	0	600,000	0	0	0	0	600,000
<b>Total Revenues</b>	<b>0</b>	<b>600,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>600,000</b>
<b>Expenditure Types</b>							
Contract Construction	0	600,000	0	0	0	0	600,000
<b>Total Expenditures</b>	<b>0</b>	<b>600,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>600,000</b>





# CIP 2016 DETAIL BY PROJECT

# PUBLIC WORKS

**Project Name**     Vollintine Evergreen Comm Assoc  
**Project Number**   PW01269  
**Division Priority**   43

	<u>Reprogram</u>	<u>FY 2016</u>
<b>Revenue Sources</b>		
General Obligation Bonds	0	210,000
<b>Total Revenues</b>	<b>0</b>	<b>210,000</b>
<b>Expenditure Types</b>		
Engineering - Architecture	0	31,000
Contract Construction	0	179,000
<b>Total Expenditures</b>	<b>0</b>	<b>210,000</b>

**Project Description / Justification:**

This project provides funding for entrance planning at street crossings on the V&E Greenline. G.O. Bonds 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**

	<u>Reprogram</u>	<u>FY 2016</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>Total</u>
<b>Revenue Sources</b>							
General Obligation Bonds	0	210,000	0	0	0	0	210,000
<b>Total Revenues</b>	<b>0</b>	<b>210,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>210,000</b>
<b>Expenditure Types</b>							
Engineering - Architecture	0	31,000	0	0	0	0	31,000
Contract Construction	0	179,000	0	0	0	0	179,000
<b>Total Expenditures</b>	<b>0</b>	<b>210,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>210,000</b>



# CIP 2016 DETAIL BY PROJECT

# PUBLIC WORKS

Project Name TN Brewery Infrastructure  
 Project Number PW01270  
 Division Priority 44

	Reprogram	FY 2016
<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>		
Engineering-Architecture	0	250,000
Contract Construction	0	2,250,000
<b>Total Expenditures</b>	<b>0</b>	<b>2,500,000</b>

**Project Description / Justification:**

The Tennessee Brewery Building, built in 1890, is an historic building and is one of the most visible vacant and blighted buildings in the City. The City is working aggressively with the Downtown Memphis Commission and private development community to form a public-private partnership to save and redevelop the Brewery. G.O. Bonds funding is solely for City-owned public access infrastructure around the Building during and after renovations.

**Operating Budget Impact:**

None

	Reprogram	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Total
<b>Revenue Sources</b>							
General Obligation Bonds	0	2,500,000	0	0	0	0	2,500,000
<b>Total Revenues</b>	<b>0</b>	<b>2,500,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2,500,000</b>
<b>Expenditure Types</b>							
Engineering-Architecture	0	250,000	0	0	0	0	250,000
Contract Construction	0	2,250,000	0	0	0	0	2,250,000
<b>Total Expenditures</b>	<b>0</b>	<b>2,500,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2,500,000</b>



**Project Name** Binghampton Gateway Comm Ctr  
**Project Number** PW04108  
**Division Priority** 45

	<u>Reprogram</u>	<u>FY 2016</u>
<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>		
Contract Construction	0	300,000
<b>Total Expenditures</b>	<b>0</b>	<b>300,000</b>

**Project Description / Justification:**

The Binghampton Development Corporation has invested over \$3 million into the redevelopment of Binghampton's Tillman corridor. G. O. Bonds funding will be used to fund MLGW Utility Infrastructure, Curb, Gutter, Sidewalk and Tree Scape Planters.

**Operating Budget Impact:**

None

	<u>Reprogram</u>	<u>FY 2016</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>Total</u>
<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>							
Contract Construction	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>



	<u>Reprogram</u>	<u>FY 2016</u>
<b>Revenue Sources</b>		
General Obligation Bonds	1,190,418	0
Federal Grants CIP	8,431,800	0
<b>Total Revenues</b>	<b><u>9,622,218</u></b>	<b><u>0</u></b>
<b>Expenditure Types</b>		
Contract Construction	9,622,218	0
<b>Total Expenditures</b>	<b><u>9,622,218</u></b>	<b><u>0</u></b>



	Reprogram	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Total
<b>Revenue Sources</b>							
General Obligation Bonds	1,190,418	0	0	0	0	0	1,190,418
Federal Grants Other	8,431,800	0	0	0	0	0	8,431,800
<b>Total Revenues</b>	<b>9,622,218</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>9,622,218</b>
<b>Expenditure Types</b>							
Contract Construction	9,622,218	0	0	0	0	0	9,622,218
<b>Total Expenditures</b>	<b>9,622,218</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>9,622,218</b>

Division Priority	Project Number Project Name	Reprogram	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Total
1	GA01004 Cobblestone Landing	7,022,218	0	0	0	0	0	7,022,218
2	GA01019 Water Taxi System	900,000	0	0	0	0	0	900,000
3	GA01018 Railroad Crossing/ADA Imp	1,700,000	0	0	0	0	0	1,700,000
<b>Total</b>		<b>9,622,218</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>9,622,218</b>



**Project Name** Cobblestone Landing  
**Project Number** GA01004  
**Division Priority** 1

	<u>Reprogram</u>	<u>FY 2016</u>
<b>Revenue Sources</b>		
General Obligation Bonds	1,090,418	0
Federal Grants CIP	5,931,800	0
<b>Total Revenues</b>	<b><u>7,022,218</u></b>	<b><u>0</u></b>
<b>Expenditure Types</b>		
Contract Construction	7,022,218	0
<b>Total Expenditures</b>	<b><u>7,022,218</u></b>	<b><u>0</u></b>

**Project Description / Justification:**

This project restores the historic Cobblestone Landing and makes accessibility improvements. The federal funding represents an increase from previous grants, which reflects several fiscal years.

**Operating Budget Impact:**

None

	<u>Reprogram</u>	<u>FY 2016</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>Total</u>
<b>Revenue Sources</b>							
General Obligation Bonds	1,090,418	0	0	0	0	0	1,090,418
Federal Grants Other	5,931,800	0	0	0	0	0	5,931,800
<b>Total Revenues</b>	<b><u>7,022,218</u></b>	<b><u>0</u></b>	<b><u>0</u></b>	<b><u>0</u></b>	<b><u>0</u></b>	<b><u>0</u></b>	<b><u>7,022,218</u></b>
<b>Expenditure Types</b>							
Contract Construction	7,022,218	0	0	0	0	0	7,022,218
<b>Total Expenditures</b>	<b><u>7,022,218</u></b>	<b><u>0</u></b>	<b><u>0</u></b>	<b><u>0</u></b>	<b><u>0</u></b>	<b><u>0</u></b>	<b><u>7,022,218</u></b>



# CIP 2016 DETAIL BY PROJECT

# RIVERFRONT DEVELOPMENT

**Project Name** Water Taxi System  
**Project Number** GA01019  
**Division Priority** 2

	<u>Reprogram</u>	<u>FY 2016</u>
<b>Revenue Sources</b>		
General Obligation Bonds	100,000	0
Federal Grants CIP	800,000	0
<b>Total Revenues</b>	<b>900,000</b>	<b>0</b>
<b>Expenditure Types</b>		
Contract Construction	900,000	0
<b>Total Expenditures</b>	<b>900,000</b>	<b>0</b>

**Project Description / Justification:**

This project reprograms funds for a Water Taxi System along the Wolf River waterfront.

**Operating Budget Impact:**

None

	<u>Reprogram</u>	<u>FY 2016</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>Total</u>
<b>Revenue Sources</b>							
General Obligation Bonds	100,000	0	0	0	0	0	100,000
Federal Grants Other	800,000	0	0	0	0	0	800,000
<b>Total Revenues</b>	<b>900,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>900,000</b>
<b>Expenditure Types</b>							
Contract Construction	900,000	0	0	0	0	0	900,000
<b>Total Expenditures</b>	<b>900,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>900,000</b>



# CIP 2016 DETAIL BY PROJECT

# RIVERFRONT DEVELOPMENT

**Project Name** Railroad Crossing/ADA Improv  
**Project Number** GA01018  
**Division Priority** 3

	<u>Reprogram</u>	<u>FY 2016</u>
<b>Revenue Sources</b>		
Federal Grants CIP	1,700,000	0
<b>Total Revenues</b>	<u><u>1,700,000</u></u>	<u><u>0</u></u>
<b>Expenditure Types</b>		
Contract Construction	1,700,000	0
<b>Total Expenditures</b>	<u><u>1,700,000</u></u>	<u><u>0</u></u>

**Project Description / Justification:**

This project reprograms funds for ADA improvements and active pedestrian warning systems at three (3) railroad crossings near the Cobblestone Landing

**Operating Budget Impact:**

None

	<u>Reprogram</u>	<u>FY 2016</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>Total</u>
<b>Revenue Sources</b>							
Federal Grants CIP	1,700,000	0	0	0	0	0	1,700,000
<b>Total Revenues</b>	<u><u>1,700,000</u></u>	<u><u>0</u></u>	<u><u>0</u></u>	<u><u>0</u></u>	<u><u>0</u></u>	<u><u>0</u></u>	<u><u>1,700,000</u></u>
<b>Expenditure Types</b>							
Contract Construction	1,700,000	0	0	0	0	0	1,700,000
<b>Total Expenditures</b>	<u><u>1,700,000</u></u>	<u><u>0</u></u>	<u><u>0</u></u>	<u><u>0</u></u>	<u><u>0</u></u>	<u><u>0</u></u>	<u><u>1,700,000</u></u>



	<u>Reprogram</u>	<u>FY 2016</u>
<b>Revenue Sources</b>		
Sewer Revenue Bonds	98,359,465	0
Capital PAY GO	37,302,896	74,600,000
Other Grant Revenue	908,192	0
State Revolving Loan	73,183,384	28,500,000
<b>Total Revenues</b>	<b><u>209,753,937</u></b>	<b><u>103,100,000</u></b>
<b>Expenditure Types</b>		
Engineering - Architecture	92,565,362	71,500,000
Contract Construction	107,095,349	31,100,000
Furniture, Fixtures & Equipment	0	500,000
Land Acquisition	9,533,226	0
Land Development	560,000	0
<b>Total Expenditures</b>	<b><u>209,753,937</u></b>	<b><u>103,100,000</u></b>

	Reprogram	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Total
<b>Revenue Sources</b>							
Sewer Revenue Bonds	98,359,465	0	0	12,905,000	12,705,000	11,830,000	135,799,465
Other Grant Revenue	908,192	0	0	0	0	0	908,192
Capital PAY GO	37,302,896	74,600,000	46,750,000	40,300,000	41,200,000	39,200,000	279,352,896
State Revolving Fund	73,183,384	28,500,000	0	0	0	0	101,683,384
<b>Total Revenues</b>	<b>209,753,937</b>	<b>103,100,000</b>	<b>46,750,000</b>	<b>53,205,000</b>	<b>53,905,000</b>	<b>51,030,000</b>	<b>517,743,937</b>
<b>Expenditure Types</b>							
Engineering - Architecture	92,565,362	71,500,000	31,200,000	32,125,000	31,875,000	32,000,000	291,265,362
Land Acquisition	9,533,226	0	50,000	80,000	30,000	30,000	9,723,226
Contract Construction	107,095,349	31,100,000	15,500,000	21,000,000	22,000,000	19,000,000	215,695,349
Land Development	560,000	0	0	0	0	0	560,000
Furniture, Fixtures & Equipment	0	500,000	0	0	0	0	500,000
<b>Total Expenditures</b>	<b>209,753,937</b>	<b>103,100,000</b>	<b>46,750,000</b>	<b>53,205,000</b>	<b>53,905,000</b>	<b>51,030,000</b>	<b>517,743,937</b>

# CIP 2016 DIVISION SUMMARY

# SEWER FUND

Division Priority	Project Number Project Name	Reprogram	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Total
1	SW02001 Rehab Existing Sewers	18,151,545	20,000,000	8,000,000	10,500,000	10,500,000	10,500,000	77,651,545
	Sewer Assessment and							
2	SW05001 Rehab	34,959,567	20,000,000	30,000,000	30,000,000	30,000,000	30,000,000	174,959,567
3	SW02011 Covered Anaerobic Lagoon	18,187,816	8,500,000	2,200,000	2,200,000	2,200,000	2,200,000	35,487,816
4	SW02033 South Plant Expansion	54,219,962	50,000,000	2,500,000	4,500,000	4,500,000	2,500,000	118,219,962
5	SW04009 Stiles Plant Modification	17,835,550	2,500,000	2,500,000	2,500,000	4,500,000	4,500,000	34,335,550
	Environmental Maint							
6	SW04007 Relocation	8,000,000	2,100,000	0	0	0	0	10,100,000
7	SW04004 Wolf River Interceptor	25,278,344	0	1,050,000	1,100,000	0	0	27,428,344
	Service To Unsewered							
8	SW03001 Areas	6,034,886	0	0	630,000	630,000	630,000	7,924,886
9	SW01001 Misc Subdivision Outfalls	20,036,001	0	0	1,075,000	1,075,000	0	22,186,001
10	SW02006 Sludge Disp/Earth Complex	7,050,266	0	500,000	700,000	500,000	700,000	9,450,266
	<b>Total</b>	<b>209,753,937</b>	<b>103,100,000</b>	<b>46,750,000</b>	<b>53,205,000</b>	<b>53,905,000</b>	<b>51,030,000</b>	<b>517,743,937</b>



# CIP 2016 DETAIL BY PROJECT

# SEWER FUND

**Project Name** Rehab Existing Sewers  
**Project Number** SW02001  
**Division Priority** 1

	Reprogram	FY 2016
<b>Revenue Sources</b>		
Sewer Revenue Bonds	9,488,497	0
Capital PAY GO	8,663,048	20,000,000
<b>Total Revenues</b>	<b>18,151,545</b>	<b>20,000,000</b>
<b>Expenditure Types</b>		
Engineering - Architecture	3,695,722	0
Land Acquisition	6,080,490	0
Contract Construction	8,375,333	20,000,000
<b>Total Expenditures</b>	<b>18,151,545</b>	<b>20,000,000</b>

**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. Any reprogrammed dollars to be used for A&E, Land Acquisition, and Construction for FY16 will be funded by Capital Pay Go-Sewer. FY16 will be funded by Capital Pay Go- Sewer

**Operating Budget Impact:**

None

	Reprogram	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Total
<b>Revenue Sources</b>							
Sewer Revenue Bonds	9,488,497	0	0	10,500,000	10,500,000	10,500,000	36,663,048
Capital PAY GO	8,663,048	20,000,000	8,000,000	0	0	0	40,988,497
<b>Total Revenues</b>	<b>18,151,545</b>	<b>20,000,000</b>	<b>8,000,000</b>	<b>10,500,000</b>	<b>10,500,000</b>	<b>10,500,000</b>	<b>77,651,545</b>
<b>Expenditure Types</b>							
Engineering - Architecture	3,695,722	0	0	500,000	500,000	500,000	1,500,000
Land Acquisition	6,080,490	0	0	0	0	0	6,080,490
Contract Construction	8,375,333	20,000,000	8,000,000	10,000,000	10,000,000	10,000,000	58,000,000
<b>Total Expenditures</b>	<b>18,151,545</b>	<b>20,000,000</b>	<b>8,000,000</b>	<b>10,500,000</b>	<b>10,500,000</b>	<b>10,500,000</b>	<b>77,651,545</b>



# CIP 2016 DETAIL BY PROJECT

# SEWER FUND

**Project Name** Sewer Assessment and Rehab  
**Project Number** SW05001  
**Division Priority** 2

	<u>Reprogram</u>	<u>FY 2016</u>
<b>Revenue Sources</b>		
State Revolving Fund	34,959,567	20,000,000
<b>Total Revenues</b>	<b><u>34,959,567</u></b>	<b><u>20,000,000</u></b>
<b>Expenditure Types</b>		
Engineering - Architecture	28,959,567	20,000,000
Contract Construction	6,000,000	0
<b>Total Expenditures</b>	<b><u>34,959,567</u></b>	<b><u>20,000,000</u></b>

**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 reprogrammed dollars to be used for FY16 will be funded by Tennessee State Revolving Loan Fund and Capital Pay GO- Sewer

**Operating Budget Impact:**

None

	<u>Reprogram</u>	<u>FY 2016</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>Total</u>
<b>Revenue Sources</b>							
State Revolving Fund	34,959,567	20,000,000	30,000,000	30,000,000	30,000,000	30,000,000	174,959,567
<b>Total Revenues</b>	<b><u>34,959,567</u></b>	<b><u>20,000,000</u></b>	<b><u>30,000,000</u></b>	<b><u>30,000,000</u></b>	<b><u>30,000,000</u></b>	<b><u>30,000,000</u></b>	<b><u>174,959,567</u></b>
<b>Expenditure Types</b>							
Engineering - Architecture	28,959,567	20,000,000	30,000,000	30,000,000	30,000,000	30,000,000	168,959,567
Contract Construction	6,000,000	0	0	0	0	0	6,000,000
<b>Total Expenditures</b>	<b><u>34,959,567</u></b>	<b><u>20,000,000</u></b>	<b><u>30,000,000</u></b>	<b><u>30,000,000</u></b>	<b><u>30,000,000</u></b>	<b><u>30,000,000</u></b>	<b><u>174,959,567</u></b>



# CIP 2016 DETAIL BY PROJECT

# SEWER FUND

Project Name Covered Anaerobic Lagoon  
 Project Number SW02011  
 Division Priority 3

	Reprogram	FY 2016
<b>Revenue Sources</b>		
Sewer Revenue Bonds	8,087,816	0
Capital PAY GO	10,100,000	8,500,000
<b>Total Revenues</b>	<b>18,187,816</b>	<b>8,500,000</b>
<b>Expenditure Types</b>		
Engineering - Architecture	1,399,530	500,000
Contract Construction	16,788,286	8,000,000
<b>Total Expenditures</b>	<b>18,187,816</b>	<b>8,500,000</b>

**Project Description / Justification:**

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

**Operating Budget Impact:**

None

	Reprogram	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Total
<b>Revenue Sources</b>							
Sewer Revenue Bonds	8,087,816	0	0	0	0	0	8,087,816
Capital PAY GO	10,100,000	8,500,000	2,200,000	2,200,000	2,200,000	2,200,000	27,400,000
<b>Total Revenues</b>	<b>18,187,816</b>	<b>8,500,000</b>	<b>2,200,000</b>	<b>2,200,000</b>	<b>2,200,000</b>	<b>2,200,000</b>	<b>35,487,816</b>
<b>Expenditure Types</b>							
Engineering - Architecture	1,399,530	500,000	200,000	200,000	200,000	200,000	2,699,530
Contract Construction	16,788,286	8,000,000	2,000,000	2,000,000	2,000,000	2,000,000	32,788,286
<b>Total Expenditures</b>	<b>18,187,816</b>	<b>8,500,000</b>	<b>2,200,000</b>	<b>2,200,000</b>	<b>2,200,000</b>	<b>2,200,000</b>	<b>35,487,816</b>





# CIP 2016 DETAIL BY PROJECT

# SEWER FUND

Project Name South Plant Expansion  
 Project Number SW02033  
 Division Priority 4

	Reprogram	FY 2016
<b>Revenue Sources</b>		
Sewer Revenue Bonds	16,819,962	0
Capital PAY GO	37,400,000	50,000,000
<b>Total Revenues</b>	<b>54,219,962</b>	<b>50,000,000</b>
<b>Expenditure Types</b>		
Engineering - Architecture	49,311,500	50,000,000
Contract Construction	4,908,465	0
<b>Total Expenditures</b>	<b>54,219,962</b>	<b>50,000,000</b>

**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 reprogrammed dollars to be used for A&E or Construction for FY16 will be funded by Capital Pay Go-Sewer. FY16 will be funded by Capital Pay Go- Sewer

**Operating Budget Impact:**

None

	Reprogram	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Total
<b>Revenue Sources</b>							
Sewer Revenue Bonds	16,819,962	0	0	0	0	0	16,819,962
Capital PAY GO	37,400,000	50,000,000	2,500,000	4,500,000	4,500,000	2,500,000	101,400,000
<b>Total Revenues</b>	<b>54,219,962</b>	<b>50,000,000</b>	<b>2,500,000</b>	<b>4,500,000</b>	<b>4,500,000</b>	<b>2,500,000</b>	<b>118,219,962</b>
<b>Expenditure Types</b>							
Engineering - Architecture	49,311,500	50,000,000	500,000	500,000	500,000	500,000	101,311,500
Contract Construction	4,908,462	0	2,000,000	4,000,000	4,000,000	2,000,000	16,908,462
<b>Total Expenditures</b>	<b>54,219,962</b>	<b>50,000,000</b>	<b>2,500,000</b>	<b>4,500,000</b>	<b>4,500,000</b>	<b>2,500,000</b>	<b>118,219,962</b>



# CIP 2016 DETAIL BY PROJECT

# SEWER FUND

**Project Name** Stiles Plant Modification  
**Project Number** SW04009  
**Division Priority** 5

	Reprogram	FY 2016
<b>Revenue Sources</b>		
Sewer Revenue Bonds	6,835,550	0
Capital PAY GO	11,000,000	2,500,000
<b>Total Revenues</b>	<b>17,835,550</b>	<b>2,500,000</b>
<b>Expenditure Types</b>		
Engineering - Architecture	2,900,000	500,000
Contract Construction	14,935,550	2,000,000
<b>Total Expenditures</b>	<b>17,835,550</b>	<b>2,500,000</b>

**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 reprogrammed dollars to be used for A&E or Construction for FY16 will be funded by Capital Pay Go-Sewer. FY16 will be funded by Capital Pay Go- Sewer

**Operating Budget Impact:**

None

	Reprogram	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Total
<b>Revenue Sources</b>							
Sewer Revenue Bonds	6,835,550	0	0	0	0	0	6,835,550
Capital PAY GO	11,000,000	2,500,000	2,500,000	2,500,000	4,500,000	4,500,000	37,500,000
<b>Total Revenues</b>	<b>17,835,550</b>	<b>2,500,000</b>	<b>2,500,000</b>	<b>2,500,000</b>	<b>4,500,000</b>	<b>4,500,000</b>	<b>34,335,550</b>
<b>Expenditure Types</b>							
Engineering - Architecture	2,900,000	500,000	500,000	500,000	500,000	500,000	5,400,000
Contract Construction	14,935,550	2,000,000	2,000,000	2,000,000	4,000,000	4,000,000	28,935,550
<b>Total Expenditures</b>	<b>17,835,550</b>	<b>2,500,000</b>	<b>2,500,000</b>	<b>2,500,000</b>	<b>4,500,000</b>	<b>4,500,000</b>	<b>34,335,550</b>



# CIP 2016 DETAIL BY PROJECT

# SEWER FUND

**Project Name** Environmental Maint Relocation  
**Project Number** SW04007  
**Division Priority** 6

	<u>Reprogram</u>	<u>FY 2016</u>
<b>Revenue Sources</b>		
Capital PAY GO	8,000,000	2,100,000
<b>Total Revenues</b>	<b><u>8,000,000</u></b>	<b><u>2,100,000</u></b>
<b>Expenditure Types</b>		
Engineering - Architecture	500,000	500,000
Contract Construction	5,900,000	1,100,000
Furniture, Fixtures & Equipment	1,600,000	500,000
<b>Total Expenditures</b>	<b><u>8,000,000</u></b>	<b><u>2,100,000</u></b>

**Project Description / Justification:**

This project reprograms the FY2015 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'16 will be funded by Capital Pay GO- Sewer.

**Operating Budget Impact:**

None

	<u>Reprogram</u>	<u>FY 2016</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>Total</u>
<b>Revenue Sources</b>							
Capital PAY GO	8,000,000	2,100,000	0	0	0	0	10,100,000
<b>Total Revenues</b>	<b><u>8,000,000</u></b>	<b><u>2,100,000</u></b>	<b><u>0</u></b>	<b><u>0</u></b>	<b><u>0</u></b>	<b><u>0</u></b>	<b><u>10,100,000</u></b>
<b>Expenditure Types</b>							
Engineering - Architecture	500,000	500,000	0	0	0	0	1,000,000
Contract Construction	5,900,000	1,100,000	0	0	0	0	7,000,000
Furniture, Fixtures & Equipment	0	500,000	0	0	0	0	500,000
Land Acquisition	1,600,000	0	0	0	0	0	1,600,000
<b>Total Expenditures</b>	<b><u>8,000,000</u></b>	<b><u>2,100,000</u></b>	<b><u>0</u></b>	<b><u>0</u></b>	<b><u>0</u></b>	<b><u>0</u></b>	<b><u>10,100,000</u></b>



# CIP 2016 DETAIL BY PROJECT

# SEWER FUND

**Project Name**     Wolf River Interceptor  
**Project Number**   SW04004  
**Division Priority**   7

	Reprogram	FY 2016
<b>Revenue Sources</b>		
Sewer Revenue Bonds	25,278,344	0
<b>Total Revenues</b>	<b>25,278,344</b>	<b>0</b>
<b>Expenditure Types</b>		
Engineering - Architecture	558,284	0
Contract Construction	21,375,260	0
Land Acquisition	3,344,800	0
<b>Total Expenditures</b>	<b>25,278,344</b>	<b>0</b>

**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 reprogrammed dollars to be used for A&E, Land Acquisition, and Construction for FY16 will be funded by Capital Pay Go-Sewer. FY16 will be funded by Capital Pay Go- Sewer

**Operating Budget Impact:**

None

	Reprogram	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Total
<b>Revenue Sources</b>							
Capital PAY GO	0	0	1,050,000	1,100,000	0	0	2,150,000
Sewer Revenue Bonds	25,278,344	0	0	0	0	0	25,278,344
<b>Total Revenues</b>	<b>25,278,344</b>	<b>0</b>	<b>1,050,000</b>	<b>1,100,000</b>	<b>0</b>	<b>0</b>	<b>27,428,344</b>
<b>Expenditure Types</b>							
Engineering - Architecture	558,284	0	0	50,000	0	0	608,284
Land Acquisition	3,344,800	0	50,000	50,000	0	0	3,444,800
Contract Construction	21,375,260	0	1,000,000	1,000,000	0	0	23,375,260
<b>Total Expenditures</b>	<b>25,278,344</b>	<b>0</b>	<b>1,050,000</b>	<b>1,100,000</b>	<b>0</b>	<b>0</b>	<b>27,428,344</b>



# CIP 2016 DETAIL BY PROJECT

# SEWER FUND

**Project Name**     Service To Unsewered Areas  
**Project Number**   SW03001  
**Division Priority**   8

	Reprogram	FY 2016
<b>Revenue Sources</b>		
Sewer Revenue Bonds	5,934,886	0
Capital PAY GO	100,000	0
<b>Total Revenues</b>	<b>6,034,886</b>	<b>0</b>
<b>Expenditure Types</b>		
Engineering - Architecture	484,740	0
Contract Construction	244,945	0
Land Acquisition	5,305,201	0
<b>Total Expenditures</b>	<b>6,034,886</b>	<b>0</b>

**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. Any reprogrammed dollars to be used for A&E, Land Acquisition, and Construction for FY16 will be funded by Capital Pay Go-Sewer. FY16 will be funded by Capital Pay Go- Sewer

**Operating Budget Impact:**

None

	Reprogram	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Total
<b>Revenue Sources</b>							
Sewer Revenue Bonds	5,934,886	0	0	630,000	630,000	630,000	7,824,886
Capital Pay Go	100,000	0	0	0	0	0	100,000
<b>Total Revenues</b>	<b>6,034,886</b>	<b>0</b>	<b>0</b>	<b>630,000</b>	<b>630,000</b>	<b>630,000</b>	<b>7,924,886</b>
<b>Expenditure Types</b>							
Engineering - Architecture	484,740	0	0	100,000	100,000	100,000	784,740
Land Acquisition	244,945	0	0	30,000	30,000	30,000	334,945
Contract Construction	5,305,201	0	0	500,000	500,000	500,000	6,805,201
<b>Total Expenditures</b>	<b>6,034,886</b>	<b>0</b>	<b>0</b>	<b>630,000</b>	<b>630,000</b>	<b>630,000</b>	<b>7,924,886</b>



# CIP 2016 DETAIL BY PROJECT

# SEWER FUND

**Project Name** Misc Subdivision Outfalls  
**Project Number** SW01001  
**Division Priority** 9

	Reprogram	FY 2016
<b>Revenue Sources</b>		
Sewer Revenue Bonds	19,972,336	0
Capital PAY GO	63,665	0
<b>Total Revenues</b>	<b>20,036,001</b>	<b>0</b>
<b>Expenditure Types</b>		
Engineering - Architecture	672,336	0
Contract Construction	17,754,158	0
Land Acquisition	1,049,507	0
Land Development	560,000	0
<b>Total Expenditures</b>	<b>20,036,001</b>	<b>0</b>

**Project Description / Justification:**

This project provides funds to connect new subdivisions to the City's sewer system within the City's annexation area. Any reprogrammed dollars to be used for A&E, Land Acquisition, and Construction for FY16 will be funded by Capital Pay Go-Sewer. FY16 will be funded by Capital Pay Go- Sewer

**Operating Budget Impact:**

None

	Reprogram	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Total
<b>Revenue Sources</b>							
Sewer Revenue Bonds	19,972,336	0	0	1,075,000	1,075,000	0	22,122,336
Capital Pay Go	63,665	0	0	0	0	0	63,665
<b>Total Revenues</b>	<b>20,036,001</b>	<b>0</b>	<b>0</b>	<b>1,075,000</b>	<b>1,075,000</b>	<b>0</b>	<b>22,186,001</b>
<b>Expenditure Types</b>							
Engineering - Architecture	672,336	0	0	75,000	75,000	0	822,336
Contract Construction	17,754,158	0	0	1,000,000	1,000,000	0	19,754,158
Land Acquisition	1,049,507	0	0	0	0	0	1,049,507
Land Development	560,000	0	0	0	0	0	560,000
<b>Total Expenditures</b>	<b>20,036,001</b>	<b>0</b>	<b>0</b>	<b>1,075,000</b>	<b>1,075,000</b>	<b>0</b>	<b>22,186,001</b>



# CIP 2016 DETAIL BY PROJECT

# SEWER FUND

**Project Name** Sludge Disp/Earth Complex  
**Project Number** SW02006  
**Division Priority** 10

	Reprogram	FY 2016
<b>Revenue Sources</b>		
Sewer Revenue Bonds	5,942,074	0
Capital PAY GO	200,000	0
Other Grant Revenue	908,192	0
<b>Total Revenues</b>	<b>7,050,266</b>	<b>0</b>
<b>Expenditure Types</b>		
Engineering - Architecture	1,297,167	0
Contract Construction	5,753,099	0
<b>Total Expenditures</b>	<b>7,050,266</b>	<b>0</b>

**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 reprogrammed dollars to be used for A&E, Land Acquisition, and Construction for FY16 will be funded by Capital Pay Go-Sewer. FY16 will be funded by Capital Pay Go- Sewer

**Operating Budget Impact:**

None

	Reprogram	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Total
<b>Revenue Sources</b>							
Sewer Revenue Bonds	5,942,074	0	0	700,000	500,000	700,000	7,842,074
Capital PAY GO	200,000	0	500,000	0	0	0	700,000
Other Grant Revenue	908,192	0	0	0	0	0	908,192
<b>Total Revenues</b>	<b>7,050,266</b>	<b>0</b>	<b>500,000</b>	<b>700,000</b>	<b>500,000</b>	<b>700,000</b>	<b>9,450,266</b>
<b>Expenditure Types</b>							
Engineering - Architecture	1,297,167	0	0	200,000	0	200,000	1,697,167
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>500,000</b>	<b>700,000</b>	<b>500,000</b>	<b>700,000</b>	<b>9,450,266</b>







	<u>Reprogram</u>	<u>FY 2016</u>
<b>Revenue Sources</b>		
General Obligation Bonds	117,681,817	300,000
<b>Total Revenues</b>	<b><u>117,681,817</u></b>	<b><u>300,000</u></b>

<b>Expenditure Types</b>		
Engineering - Architecture	19,864,084	300,000
Land Acquisition	2,973,301	0
Contract Construction	94,844,432	0
<b>Total Expenditures</b>	<b><u>117,681,817</u></b>	<b><u>300,000</u></b>



	Reprogram	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Total
<b>Revenue Sources</b>							
General Obligation Bonds	117,681,817	300,000	650,000	900,000	1,400,000	1,350,000	122,281,817
<b>Total Revenues</b>	<b>117,681,817</b>	<b>300,000</b>	<b>650,000</b>	<b>900,000</b>	<b>1,400,000</b>	<b>1,350,000</b>	<b>122,281,817</b>
<b>Expenditure Types</b>							
Engineering - Architecture	19,864,084	300,000	150,000	200,000	200,000	150,000	20,864,084
Land Acquisition	2,973,301	0	0	0	0	0	2,973,301
Contract Construction	94,844,432	0	500,000	700,000	1,200,000	1,200,000	98,444,432
<b>Total Expenditures</b>	<b>117,681,817</b>	<b>300,000</b>	<b>650,000</b>	<b>900,000</b>	<b>1,400,000</b>	<b>1,350,000</b>	<b>122,281,817</b>

# CIP 2016 DIVISION SUMMARY

# STORM WATER

Division Priority	Project Number	Project Name	Reprogram	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Total
1	ST03006	Drainage - ST	39,804,088	0	0	0	0	0	39,804,088
2	ST03098	Major Drainage Rehab/ Replace	28,002,839	0	0	0	0	0	28,002,839
3	ST04041	Environmental Permitting - ST	1,991,987	0	50,000	50,000	50,000	0	2,141,987
4	ST03083	Bridge Repair Storm Water	4,680,616	0	0	0	0	0	4,680,616
5	ST03059	Flood Control - ST	8,311,516	300,000	600,000	600,000	1,100,000	1,100,000	12,011,516
6	ST04038	Stormwater Pollution - ST	12,250,000	0	0	250,000	250,000	250,000	13,000,000
7	ST04010	Curb and Gutter - ST	5,813,348	0	0	0	0	0	5,813,348
8	ST03111	Airways over Nonconnah	8,836,168	0	0	0	0	0	8,836,168
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	ST03008	Subdivision Drainage - ST	1,000,000	0	0	0	0	0	1,000,000
<b>Total</b>			<b>117,681,817</b>	<b>300,000</b>	<b>650,000</b>	<b>900,000</b>	<b>1,400,000</b>	<b>1,350,000</b>	<b>122,281,817</b>



# CIP 2016 DETAIL BY PROJECT

# STORM WATER

Project Name Drainage - ST  
 Project Number ST03006  
 Division Priority 1

	Reprogram	FY 2016
<b>Revenue Sources</b>		
General Obligation Bonds	39,804,088	0
<b>Total Revenues</b>	<b>39,804,088</b>	<b>0</b>
<b>Expenditure Types</b>		
Engineering - Architecture	11,000,995	0
Land Acquisition	1,950,886	0
Contract Construction	26,852,207	0
<b>Total Expenditures</b>	<b>39,804,088</b>	<b>0</b>

**Project Description / Justification:**

This project reprograms the FY15 allocation for improvements to existing drainage systems throughout the City. All reprogram 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

	Reprogram	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Total
<b>Revenue Sources</b>							
General Obligation Bonds	39,804,088	0	0	0	0	0	39,804,088
<b>Total Revenues</b>	<b>39,804,088</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>39,804,088</b>
<b>Expenditure Types</b>							
Engineering - Architecture	11,000,995	0	0	0	0	0	11,000,995
Land Acquisition	1,950,886	0	0	0	0	0	1,950,886
Contract Construction	26,852,207	0	0	0	0	0	26,852,207
<b>Total Expenditures</b>	<b>39,804,088</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>39,084,088</b>



# CIP 2016 DETAIL BY PROJECT

# STORM WATER

**Project Name** Major Drainage Rehab/Replace  
**Project Number** ST03098  
**Division Priority** 2

	Reprogram	FY 2016
<b>Revenue Sources</b>		
General Obligation Bonds	28,002,839	0
<b>Total Revenues</b>	<b>28,002,839</b>	<b>0</b>
<b>Expenditure Types</b>		
Engineering - Architecture	2,455,043	0
Contract Construction	25,547,796	0
<b>Total Expenditures</b>	<b>28,002,839</b>	<b>0</b>

**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 reprogram 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. Reprogram FY15 allocations.

**Operating Budget Impact:**

None

	Reprogram	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Total
<b>Revenue Sources</b>							
General Obligation Bonds	28,002,839	0	0	0	0	0	28,002,839
<b>Total Revenues</b>	<b>28,002,839</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>28,002,839</b>
<b>Expenditure Types</b>							
Engineering - Architecture	2,455,043	0	0	0	0	0	2,455,043
Contract Construction	25,547,796	0	0	0	0	0	25,547,796
<b>Total Expenditures</b>	<b>28,002,839</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>28,002,839</b>



# CIP 2016 DETAIL BY PROJECT

# STORM WATER

Project Name Environmental Permitting - ST  
 Project Number ST04041  
 Division Priority 3

	Reprogram	FY 2016
<b>Revenue Sources</b>		
General Obligation Bonds	1,991,987	0
<b>Total Revenues</b>	<b>1,991,987</b>	<b>0</b>
<b>Expenditure Types</b>		
Engineering - Architecture	1,991,987	0
<b>Total Expenditures</b>	<b>1,991,987</b>	<b>0</b>

**Project Description / Justification:**

This project reprograms the FY2015 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 reprogram 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

	Reprogram	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Total
<b>Revenue Sources</b>							
General Obligation Bonds	1,991,987	0	50,000	50,000	50,000	0	2,141,987
<b>Total Revenues</b>	<b>1,991,987</b>	<b>0</b>	<b>50,000</b>	<b>50,000</b>	<b>50,000</b>	<b>0</b>	<b>2,141,987</b>
<b>Expenditure Types</b>							
Engineering - Architecture	1,991,987	0	50,000	50,000	50,000	0	2,141,987
<b>Total Expenditures</b>	<b>1,991,987</b>	<b>0</b>	<b>50,000</b>	<b>50,000</b>	<b>50,000</b>	<b>0</b>	<b>2,141,987</b>



# CIP 2016 DETAIL BY PROJECT

# STORM WATER

**Project Name** Bridge Repair Storm Water  
**Project Number** ST03083  
**Division Priority** 4

	Reprogram	FY 2016
<b>Revenue Sources</b>		
General Obligation Bonds	4,680,616	0
<b>Total Revenues</b>	<b>4,680,616</b>	<b>0</b>
<b>Expenditure Types</b>		
Engineering - Architecture	23,204	0
Land Acquisition	522,415	0
Contract Construction	4,134,997	0
<b>Total Expenditures</b>	<b>4,680,616</b>	<b>0</b>

**Project Description / Justification:**

This project reprograms the FY2015 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 reprogram 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

	Reprogram	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Total
<b>Revenue Sources</b>							
General Obligation Bonds	4,680,616	0	0	0	0	0	4,680,616
<b>Total Revenues</b>	<b>4,680,616</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4,680,616</b>
<b>Expenditure Types</b>							
Engineering - Architecture	23,204	0	0	0	0	0	23,204
Land Acquisition	522,415	0	0	0	0	0	522,415
Contract Construction	4,134,997	0	0	0	0	0	4,134,997
<b>Total Expenditures</b>	<b>4,680,616</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4,680,616</b>



# CIP 2016 DETAIL BY PROJECT

# STORM WATER

Project Name Flood Control - ST  
 Project Number ST03059  
 Division Priority 5

	<u>Reprogram</u>	<u>FY 2016</u>
<b>Revenue Sources</b>		
General Obligation Bonds	8,311,516	300,000
<b>Total Revenues</b>	<b><u>8,311,516</u></b>	<b><u>300,000</u></b>
<b>Expenditure Types</b>		
Engineering - Architecture	697,819	300,000
Contract Construction	7,613,697	0
<b>Total Expenditures</b>	<b><u>8,311,516</u></b>	<b><u>300,000</u></b>

**Project Description / Justification:**

This project reprograms the FY2015 allocation for the rehabilitation of existing flood control pumping stations. All reprogram 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

	<u>Reprogram</u>	<u>FY 2016</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>Total</u>
<b>Revenue Sources</b>							
General Obligation Bonds	8,311,516	300,000	600,000	600,000	1,100,000	1,100,000	12,011,516
<b>Total Revenues</b>	<b><u>8,311,516</u></b>	<b><u>300,000</u></b>	<b><u>600,000</u></b>	<b><u>600,000</u></b>	<b><u>1,100,000</u></b>	<b><u>1,100,000</u></b>	<b><u>12,011,516</u></b>
<b>Expenditure Types</b>							
Engineering - Architecture	697,819	300,000	100,000	100,000	100,000	100,000	1,397,819
Contract Construction	7,613,697	0	500,000	500,000	1,000,000	1,000,000	10,613,697
<b>Total Expenditures</b>	<b><u>8,311,516</u></b>	<b><u>300,000</u></b>	<b><u>600,000</u></b>	<b><u>600,000</u></b>	<b><u>1,100,000</u></b>	<b><u>1,100,000</u></b>	<b><u>12,011,516</u></b>





# CIP 2016 DETAIL BY PROJECT

# STORM WATER

**Project Name** Stormwater Pollution - ST  
**Project Number** ST04038  
**Division Priority** 6

	<u>Reprogram</u>	<u>FY 2016</u>
<b>Revenue Sources</b>		
General Obligation Bonds	12,250,000	0
<b>Total Revenues</b>	<b>12,250,000</b>	<b>0</b>
<b>Expenditure Types</b>		
Engineering - Architecture	1,850,000	0
Contract Construction	10,400,000	0
<b>Total Expenditures</b>	<b>12,250,000</b>	<b>0</b>

**Project Description / Justification:**

This project reprograms the FY2015 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 reprogram 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

	<u>Reprogram</u>	<u>FY 2016</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>Total</u>
<b>Revenue Sources</b>							
General Obligation Bonds	12,250,000	0	0	250,000	250,000	250,000	13,000,000
<b>Total Revenues</b>	<b>12,250,000</b>	<b>0</b>	<b>0</b>	<b>250,000</b>	<b>250,000</b>	<b>250,000</b>	<b>13,000,000</b>
<b>Expenditure Types</b>							
Engineering - Architecture	1,850,000	0	0	50,000	50,000	50,000	2,000,000
Contract Construction	10,400,000	0	0	200,000	200,000	200,000	11,000,000
<b>Total Expenditures</b>	<b>12,250,000</b>	<b>0</b>	<b>0</b>	<b>250,000</b>	<b>250,000</b>	<b>250,000</b>	<b>13,000,000</b>



# CIP 2016 DETAIL BY PROJECT

# STORM WATER

**Project Name** Curb and Gutter - ST  
**Project Number** ST04010  
**Division Priority** 7

	Reprogram	FY 2016
<b>Revenue Sources</b>		
General Obligation Bonds	5,813,348	0
<b>Total Revenues</b>	<b>5,813,348</b>	<b>0</b>
<b>Expenditure Types</b>		
Engineering - Architecture	61,510	0
Contract Construction	5,751,838	0
<b>Total Expenditures</b>	<b>5,813,348</b>	<b>0</b>

**Project Description / Justification:**

This project reprograms the FY2014 allocation for the repair and replacement of curbs and gutters throughout the City. All reprogram 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

	Reprogram	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Total
<b>Revenue Sources</b>							
General Obligation Bonds	5,813,348	0	0	0	0	0	5,813,348
<b>Total Revenues</b>	<b>5,813,348</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>5,813,348</b>
<b>Expenditure Types</b>							
Engineering - Architecture	61,510	0	0	0	0	0	61,510
Contract Construction	5,751,838	0	0	0	0	0	5,751,838
<b>Total Expenditures</b>	<b>5,813,348</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>5,813,348</b>



# CIP 2016 DETAIL BY PROJECT

# STORM WATER

**Project Name** Airways over Nonconnah  
**Project Number** ST03111  
**Division Priority** 8

	<u>Reprogram</u>	<u>FY 2016</u>
<b>Revenue Sources</b>		
General Obligation Bonds	8,836,168	0
<b>Total Revenues</b>	<b>8,836,168</b>	<b>0</b>
<b>Expenditure Types</b>		
Engineering - Architecture	543,271	0
Contract Construction	8,292,897	0
<b>Total Expenditures</b>	<b>8,836,168</b>	<b>0</b>

**Project Description / Justification:**

This project reprograms FY15 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 reprogram 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.

	<u>Reprogram</u>	<u>FY 2016</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>Total</u>
<b>Revenue Sources</b>							
General Obligation Bonds	8,836,168	0	0	0	0	0	8,836,168
<b>Total Revenues</b>	<b>8,836,168</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>8,836,168</b>
<b>Expenditure Types</b>							
Engineering - Architecture	543,271	0	0	0	0	0	543,271
Contract Construction	8,292,897	0	0	0	0	0	8,292,897
<b>Total Expenditures</b>	<b>8,836,168</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>8,836,168</b>



# CIP 2016 DETAIL BY PROJECT

# STORM WATER

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

	Reprogram	FY 2016
<b>Revenue Sources</b>		
General Obligation Bonds	6,138,960	0
<b>Total Revenues</b>	<b>6,138,960</b>	<b>0</b>
<b>Expenditure Types</b>		
Engineering - Architecture	638,960	0
Land Acquisition	500,000	0
Contract Construction	5,000,000	0
<b>Total Expenditures</b>	<b>6,138,960</b>	<b>0</b>

**Project Description / Justification:**

This project reprograms the FY2015 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 began in FY 2013. All reprogram 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

	Reprogram	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	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>



# CIP 2016 DETAIL BY PROJECT

# STORM WATER

**Project Name**     Watkins Storm Water  
**Project Number**   ST03084  
**Division Priority**   10

	<u>Reprogram</u>	<u>FY 2016</u>
<b>Revenue Sources</b>		
General Obligation Bonds	852,295	0
<b>Total Revenues</b>	<b>852,295</b>	<b>0</b>
<b>Expenditure Types</b>		
Engineering - Architecture	452,295	0
Contract Construction	400,000	0
<b>Total Expenditures</b>	<b>852,295</b>	<b>0</b>

**Project Description / Justification:**

This project reprograms the FY2015 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 reprogram 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

	<u>Reprogram</u>	<u>FY 2016</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>Total</u>
<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>



# CIP 2016 DETAIL BY PROJECT

# STORM WATER

**Project Name**      Subdivision Drainage - ST  
**Project Number**   ST03008  
**Division Priority**   11

	<u>Reprogram</u>	<u>FY 2016</u>
<b>Revenue Sources</b>		
General Obligation Bonds	1,000,000	0
<b>Total Revenues</b>	<b>1,000,000</b>	<b>0</b>
<b>Expenditure Types</b>		
Engineering - Architecture	149,000	0
Contract Construction	851,000	0
<b>Total Expenditures</b>	<b>1,000,000</b>	<b>0</b>

**Project Description / Justification:**

This project reprograms the FY2015 allocation for drainage projects in new developments. The developer is responsible for the costs 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 reprogram 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

	<u>Reprogram</u>	<u>FY 2016</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>Total</u>
<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>

