
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



CITY OF MEMPHIS
A C Wharton, MAYOR
George M. Little, CHIEF ADMINISTRATIVE OFFICER

ADMINISTRATION

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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

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William C Boyd District 2
Harold B. Collins District 3
Wanda Halbert District 4
Jim Strickland District 5
Edmund Ford, Jr District 6
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Joe W. Brown District 8-1
Janis Fullilove District 8-2
Myron Lowery District 8-3
Kemp Conrad District 9-1
Shea Flinn III 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

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CAPITAL IMPROVEMENT BUDGET OVERVIEW

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 evaluates, 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, may be 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 \$182.4 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 \$55.0 million or 30.2% of the total revenue for the FY 2016.

Federal Grants / State Grants

Federal and State grants represent \$21.3 million or 11.5% 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

Projects funded by "Capital-Pay-Go" funds represent internally generated funds Sewer project funding is not represented in sewer bonds for the second year in a row. The total for sewer related capital-pay-go funding is \$104.1 million or 57.1% of the revenue in the FY 2016 Capital Budget.



CAPITAL IMPROVEMENT BUDGET OVERVIEW

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 \$15.0 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** - Funds are included in the General Service Capital Acquisition budget for the purchase of Police Cars, 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. 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 include requests funds for 3 fire engines.
- **Housing and Community Development** - Budget funding included for Heritage Foote Homes, and Mason Village COGIC.
- **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.
- **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..
- **Executive Division** - Funding included for major modifications at the Cook Convention Center.
- **Parks and Neighborhoods** - Funding will provide rehabilitation to the Pink Palace Planetarium and Museum in addition to various other city parks and facilities.

CIP SUMMARY

CITY WIDE

	Reprogram	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Total
Revenue Sources							
General Obligation Bonds	147,117,265	55,375,496	87,923,817	109,647,721	96,279,932	91,971,228	588,315,459
Sewer Revenue Bonds	209,753,937	0	0	12,905,000	12,705,000	11,830,000	247,193,937
Federal Grants CIP	79,503,697	15,080,000	97,603,556	46,513,000	52,312,000	31,440,000	322,452,253
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
Total Revenues	447,576,219	182,433,602	248,292,233	219,864,969	213,092,607	185,684,978	1,496,944,609
Expenditure Types							
Engineering - Architecture	127,666,509	74,164,000	47,707,606	42,131,340	35,729,240	36,196,240	363,594,935
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	292,254,248	70,893,101	143,415,935	149,290,352	133,353,382	103,845,204	893,052,222
Furniture, Fixtures & Equipment	180,000	1,165,000	715,000	3,975,700	3,390,050	6,138,160	15,563,910
Other Cost	2,575,935	20,263,325	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
Total Expenditures	447,576,219	182,433,603	248,292,233	219,864,969	213,092,607	185,684,978	1,496,944,609



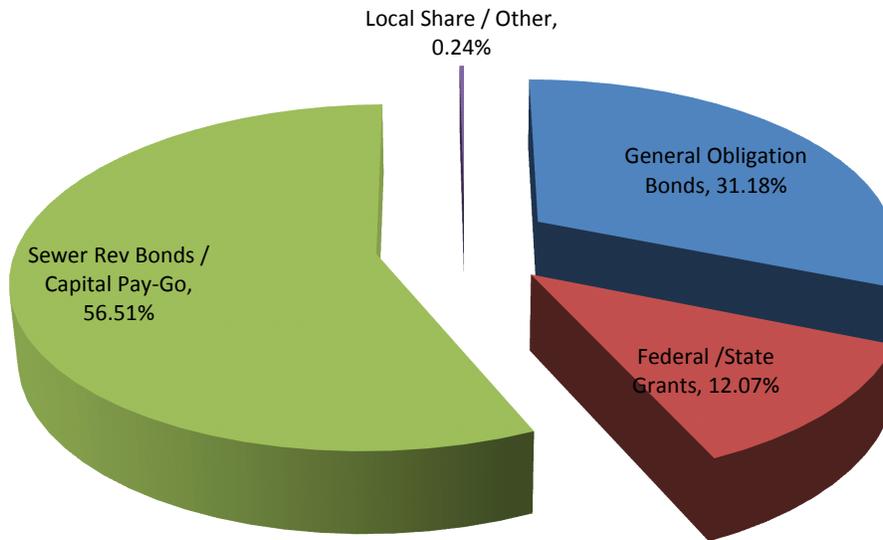
CIP SUMMARY BY DIVISION

CITY WIDE

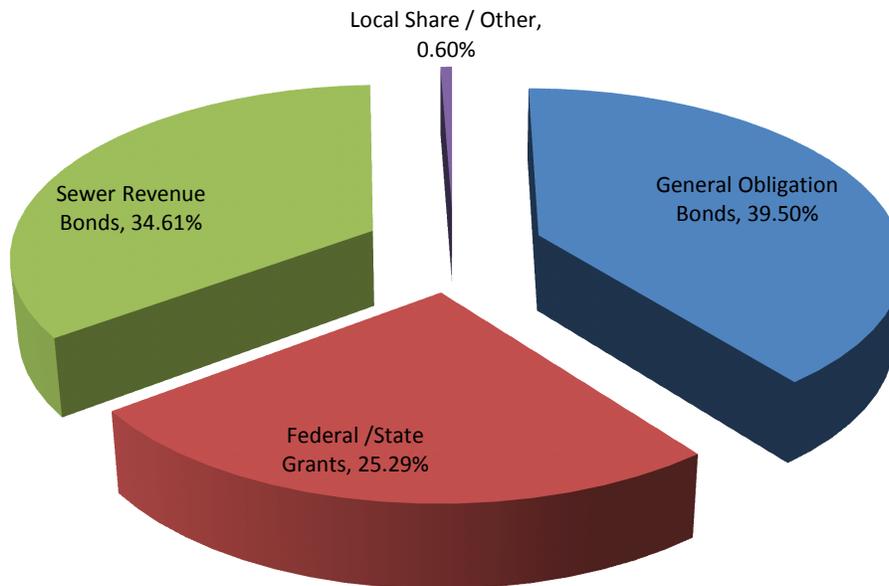
Division	Reprogram	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Total
Fire Services	2,277,354	1,063,325	9,487,492	14,295,892	21,217,087	20,914,963	69,256,113
Police Services	567,827	5,162,192	5,751,000	22,048,000	27,315,200	22,777,240	83,621,459
Parks Services	2,704,000	3,310,000	3,050,000	4,750,000	4,750,000	4,750,000	23,314,000
Executive	1,750,000	0	0	0	0	0	1,750,000
Public Works	86,824,804	20,755,000	102,370,195	81,330,824	51,616,000	36,770,000	379,666,823
Sewer Fund	209,753,937	103,100,000	46,750,000	53,205,000	53,905,000	51,030,000	517,743,937
General Services	0	18,554,980	10,000,000	5,145,000	4,000,000	4,000,000	41,699,980
Riverfront Dev.	7,922,218	0	0	0	0	0	7,922,218
Housing and Community Development	0	9,788,106	15,056,546	12,101,253	12,100,320	17,453,775	66,500,000
City Engineer	18,094,262	1,550,000	6,327,000	1,789,000	1,789,000	1,839,000	31,388,262
MATA	0	18,850,000	48,850,000	24,300,000	35,000,000	24,800,000	151,800,000
Storm Water	117,681,817	300,000	650,000	900,000	1,400,000	1,350,000	122,281,817
Total	447,576,219	182,433,603	248,292,233	219,864,969	213,092,607	185,684,978	1,496,944,609



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



FY 2016 Budget

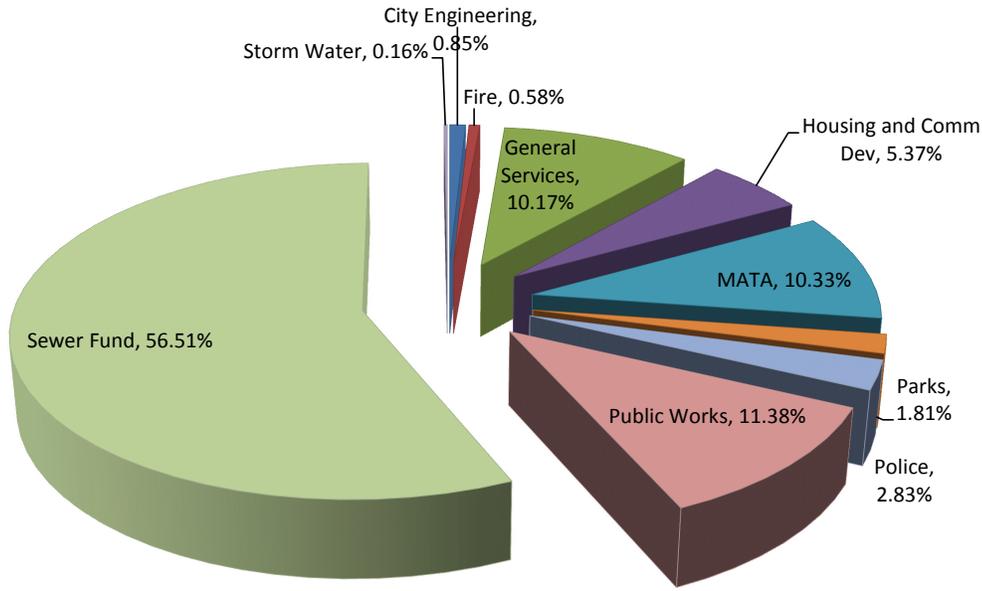


FY 2016 - 2020 Programs

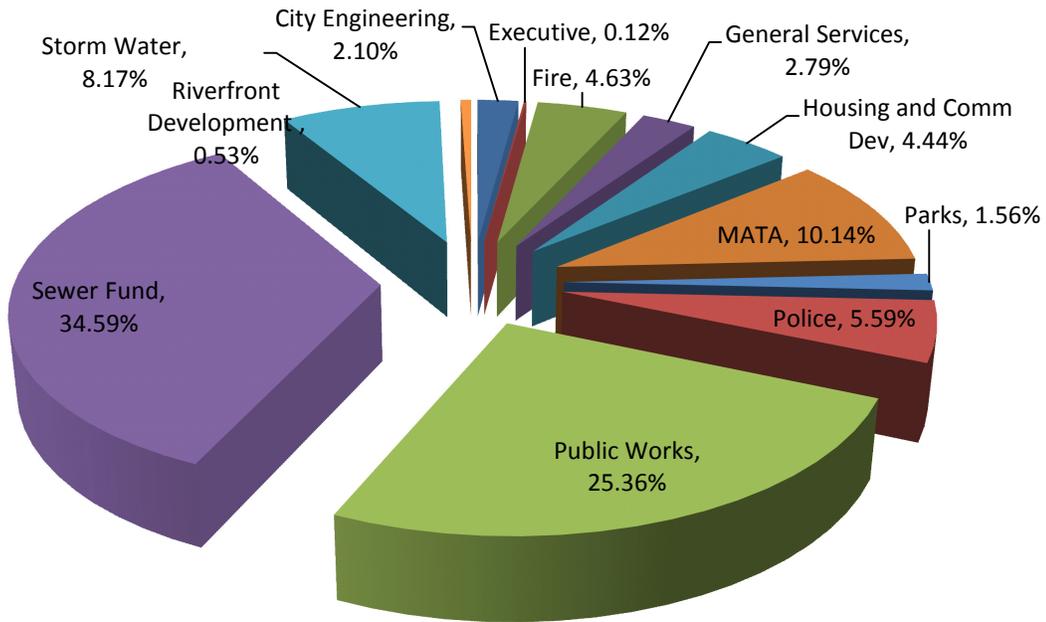
Includes Reprogrammed Allocation



FY 2016 - 2020 CAPITAL IMPROVEMENT PROGRAM WHERE THE MONEY GOES



FY 2016 Budget



FY 2016 - 2020 Programs Includes Reprogrammed Allocation

	<u>Reprogram</u>	<u>FY 2016</u>
Revenue Sources		
General Obligation Bonds	1,752,373	1,550,000
Sewer Revenue Bonds	0	0
Federal Grants CIP	15,571,889	0
Federal Grants Other	0	0
State Grants All	0	0
Local Shared CIP	0	0
Local Other CIP	770,000	0
Operating Transfers In	0	0
Capital PAY GO	0	0
Net Income and Investors	0	0
Other Grant Revenue	0	0
Total Revenues	18,094,262	1,550,000

Expenditure Types		
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
Total Expenditures	18,094,262	1,550,000

	Reprogram	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Total
Revenue Sources							
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
Total Revenues	18,094,262	1,550,000	6,327,000	1,789,000	1,789,000	1,839,000	31,388,262
Expenditure Types							
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
Total Expenditures	18,094,262	1,550,000	6,327,000	1,789,000	1,789,000	1,839,000	31,388,262

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
Total		18,094,262	1,550,000	6,327,000	1,789,000	1,789,000	1,839,000	31,388,262



CIP 2016 DETAIL BY PROJECT

CITY ENGINEER

Project Name Traffic Signals
 Project Number EN01004
 Division Priority 1

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

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>
Revenue Sources							
General Obligation Bonds	0	700,000	700,000	760,000	760,000	760,000	3,680,000
Total Revenues	0	700,000	700,000	760,000	760,000	760,000	3,680,000
Expenditure Types							
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
Total Expenditures	0	700,000	700,000	760,000	760,000	760,000	3,680,000



CIP 2016 DETAIL BY PROJECT

CITY ENGINEER

Project Name Traffic Calming Devices
 Project Number EN01007
 Division Priority 2

	Reprogram	FY 2016
Revenue Sources		
General Obligation Bonds	282,000	300,000
Total Revenues	282,000	300,000
Expenditure Types		
Engineering - Architecture	0	150,000
Contract Construction	282,000	150,000
Furniture, Fixtures & Equipment	0	0
Total Expenditures	282,000	300,000

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
Revenue Sources							
General Obligation Bonds	282,000	300,000	479,000	479,000	479,000	479,000	2,498,000
Total Revenues	282,000	300,000	479,000	479,000	479,000	479,000	2,498,000
Expenditure Types							
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
Total Expenditures	282,000	300,000	479,000	479,000	479,000	479,000	2,498,000



CIP 2016 DETAIL BY PROJECT

CITY ENGINEER

Project Name Urban Art
 Project Number EN01003
 Division Priority 3

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

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
Revenue Sources							
General Obligation Bonds	375,000	350,000	350,000	400,000	400,000	450,000	2,325,000
Total Revenues	375,000	350,000	350,000	400,000	400,000	450,000	2,325,000
Expenditure Types							
Other Cost	375,000	350,000	350,000	400,000	400,000	450,000	2,325,000
Total Expenditures	375,000	350,000	350,000	400,000	400,000	450,000	2,325,000



CIP 2016 DETAIL BY PROJECT

CITY ENGINEER

Project Name STP Pedestrian Routes
 Project Number EN01036
 Division Priority 4

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

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
Revenue Sources							
General Obligation Bonds	40,942	0	0	0	0	0	40,942
Federal Grants CIP	180,240	0	0	0	0	0	180,240
Total Revenues	221,182	0	0	0	0	0	221,182
Expenditure Types							
Land Acquisition	71,182	0	0	0	0	0	71,182
Contract Construction	150,000	0	0	0	0	0	150,000
Total Expenditures	221,182	0	0	0	0	0	221,182



CIP DETAIL BY PROJECT

CITY ENGINEER

Project Name STP Bike Routes
Project Number EN01035
Division Priority 5

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

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

	<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>
Revenue Sources							
General Obligation Bonds	84,431	0	0	0	0	0	84,431
Federal Grants CIP	354,228	0	0	0	0	0	354,228
Total Revenues	438,659	0	0	0	0	0	438,659
Expenditure Types							
Land Acquisition	26,159	0	0	0	0	0	26,159
Contract Construction	412,500	0	0	0	0	0	412,500
Total Expenditures	438,659	0	0	0	0	0	438,659



CIP 2016 DETAIL BY PROJECT

CITY ENGINEER

Project Name Medical CTR Streetscape
 Project Number EN01026
 Division Priority 6

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

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

	Reprogram	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Total
Revenue Sources							
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
Total Revenues	3,940,000	0	0	0	0	0	3,940,000
Expenditure Types							
Engineering - Architecture	290,000	0	0	0	0	0	290,000
Contract Construction	3,650,000	0	0	0	0	0	3,650,000
Total Expenditures	3,940,000	0	0	0	0	0	3,940,000



CIP DETAIL BY PROJECT

CITY ENGINEER

Project Name CMAQ BIKE ROUTES
 Project Number EN01037
 Division Priority 7

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

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
Revenue Sources							
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
Total Revenues	1,750,000	0	0	0	0	0	1,750,000
Expenditure Types							
Contract Construction	1,750,000	0	0	0	0	0	1,750,000
Total Expenditures	1,750,000	0	0	0	0	0	1,750,000



CIP DETAIL BY PROJECT

CITY ENGINEER

Project Name Transportation Alternatives
 Project Number EN01055
 Division Priority 8

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

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>
Revenue Sources							
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
Total Revenues	136,000	0	948,000	0	0	0	1,084,000
Expenditure Types							
Engineering - Architecture	131,000	0	0	0	0	0	131,000
Contract Construction	5,000	0	948,000	0	0	0	953,000
Total Expenditures	136,000	0	948,000	0	0	0	1,084,000



CIP DETAIL BY PROJECT

CITY ENGINEER

Project Name Sign Shop Relocation
 Project Number EN01056
 Division Priority 9

	Reprogram	FY 2016
Revenue Sources		
General Obligation Bonds	500,000	0
Total Revenues	500,000	0
Expenditure Types		
Engineering - Architecture	500,000	
Contract Construction	0	0
Total Expenditures	500,000	0

	Reprogram	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Total
Revenue Sources							
General Obligation Bonds	500,000	0	3,700,000	0	0	0	4,200,000
Total Revenues	500,000	0	3,700,000	0	0	0	4,200,000
Expenditure Types							
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
Total Expenditures	500,000	0	3,700,000	0	0	0	4,200,000

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

Operating Budget Impact:
 None



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>
Revenue Sources		
Federal Grants CIP	3,900,620	0
Total Revenues	3,900,620	0
Expenditure Types		
Engineering - Architecture	583,870	
Contract Construction	3,316,750	0
Total Expenditures	3,900,620	0

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>
Revenue Sources							
Federal Grants CIP	3,900,620	0	0	0	0	0	3,900,620
Total Revenues	3,900,620	0	0	0	0	0	3,900,620
Expenditure Types							
Engineering - Architecture	583,870	0	0	0	0	0	583,870
Contract Construction	3,316,750	0	0	0	0	0	3,316,750
Total Expenditures	3,900,620	0	0	0	0	0	3,900,620



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>
Revenue Sources		
Federal Grants CIP	3,431,981	0
Total Revenues	3,431,981	0
Expenditure Types		
Engineering - Architecture	521,981	
Contract Construction	2,910,000	0
Total Expenditures	3,431,981	0

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>
Revenue Sources							
Federal Grants CIP	3,431,981	0	0	0	0	0	3,431,981
Total Revenues	3,431,981	0	0	0	0	0	3,431,981
Expenditure Types							
Engineering - Architecture	521,981	0	0	0	0	0	521,981
Contract Construction	2,910,000	0	0	0	0	0	2,910,000
Total Expenditures	3,431,981	0	0	0	0	0	3,431,981



CIP DETAIL BY PROJECT

CITY ENGINEER

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

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

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

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



CIP DETAIL BY PROJECT

CITY ENGINEER

Project Name HSIP Cover Line
 Project Number EN01067
 Division Priority 13

	Reprogram	FY 2016
Revenue Sources		
General Obligation Bonds	0	200,000
Total Revenues	0	200,000
Expenditure Types		
Contract Construction	0	200,000
Total Expenditures	0	200,000

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
Revenue Sources							
General Obligation Bonds	0	200,000	150,000	150,000	150,000	150,000	800,000
Total Revenues	0	200,000	150,000	150,000	150,000	150,000	800,000
Expenditure Types							
Contract Construction	0	200,000	150,000	150,000	150,000	150,000	800,000
Total Expenditures	0	200,000	150,000	150,000	150,000	150,000	800,000



	<u>Reprogram</u>	<u>FY 2016</u>
Revenue Sources		
General Obligation Bonds	250,000	0
Sewer Revenue Bonds	0	0
Federal Grants CIP	0	0
Federal Grants Other	0	0
State Grants All	0	0
Local Shared CIP	0	0
Local Other CIP	1,500,000	0
Operating Transfers In	0	0
Capital PAY GO	0	0
Net Income and Investors	0	0
Other Grant Revenue	0	0
Total Revenues	<u>1,750,000</u>	<u>0</u>

Expenditure Types		
Furniture, Fixtures & Equipment	50,000	0
Contract Construction	635,000	0
Other Cost	1,065,000	0
Total Expenditures	<u>1,750,000</u>	<u>0</u>

	Reprogram	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Total
Revenue Sources							
General Obligation Bonds	250,000	0	0	0	0	0	250,000
Local Other CIP	1,500,000	0	0	0	0	0	1,500,000
Total Revenues	1,750,000	0	0	0	0	0	1,750,000
Expenditure Types							
Furniture, Fixtures & Equipment	50,000	0	0	0	0	0	50,000
Other Cost	1,065,000	0	0	0	0	0	1,065,000
Contract Construction	635,000	0	0	0	0	0	635,000
Total Expenditures	1,750,000	0	0	0	0	0	1,750,000

Division Priority	Project Number	Project Name	Reprogram	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Total
Convention Center Major									
1	GA01020	Mod	1,500,000	0	0	0	0	0	1,500,000
2	GA01021	Grant Cover Line	250,000	0	0	0	0	0	250,000
Total			1,750,000	0	0	0	0	0	1,750,000



CIP DETAIL BY PROJECT

EXECUTIVE

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

	<u>Reprogram</u>	<u>FY 2016</u>
Revenue Sources		
Local Other CIP	1,500,000	0
Total Revenues	1,500,000	0
Expenditure Types		
Other Cost	815,000	0
Contract Construction	635,000	0
Furniture, Fixtures & Equipment	50,000	0
Total Expenditures	1,500,000	0

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>
Revenue Sources							
Local Other CIP	1,500,000	0	0	0	0	0	1,500,000
Total Revenues	1,500,000	0	0	0	0	0	1,500,000
Expenditure Types							
Other Cost	815,000	0	0	0	0	0	815,000
Contract Construction	635,000	0	0	0	0	0	635,000
Furniture, Fixtures & Equipment	50,000	0	0	0	0	0	50,000
Total Expenditures	1,500,000	0	0	0	0	0	1,500,000



CIP DETAIL BY PROJECT

EXECUTIVE

Project Name Grant Cover Line
 Project Number GA01021
 Division Priority 2

	Reprogram	FY 2016
Revenue Sources		
General Obligation Bonds	250,000	0
Total Revenues	250,000	0
Expenditure Types		
Other Cost	250,000	0
Total Expenditures	250,000	0

Project Description / Justification:

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

Operating Budget Impact:

None

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





	<u>Reprogram</u>	<u>FY 2016</u>
Revenue Sources		
General Obligation Bonds	2,277,354	1,063,325
Sewer Revenue Bonds	0	0
Federal Grants CIP	0	0
Federal Grants Other	0	0
State Grants All	0	0
Local Shared CIP	0	0
Local Other CIP	0	0
Operating Transfers In	0	0
Capital PAY GO	0	0
Net Income and Investors	0	0
Other Grant Revenue	0	0
Total Revenues	<u>2,277,354</u>	<u>1,063,325</u>

Expenditure Types		
Engineering - Architecture	0	0
Land Acquisition	214,000	0
Land Development	0	0
Contract Construction	1,927,419	0
Furniture, Fixtures & Equipment	0	0
Other Cost	135,935	1,063,325
Information Technology	0	0
Total Expenditures	<u>2,277,354</u>	<u>1,063,325</u>

	Reprogram	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Total
Revenue Sources							
General Obligation Bonds	2,277,354	1,063,325	9,487,492	14,295,892	21,217,087	20,914,963	69,256,113
	2,277,354	1,063,325	9,487,492	14,295,892	21,217,087	20,914,963	69,256,113
Expenditure Types							
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
Total Expenditures	2,277,354	1,063,325	9,487,492	14,295,892	21,217,087	20,914,963	69,256,113

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	
Total				2,277,354	1,063,325	9,487,492	14,295,892	21,217,087	20,914,963	69,256,113



CIP 2016 DETAIL BY PROJECT

FIRE SERVICES

Project Name Personal Protective Equip
 Project Number FS04001
 Division Priority 1

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

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
Revenue Sources							
General Obligation Bonds	0	985,325	966,939	1,068,237	9,241,965	7,833,363	20,095,829
Total Revenues	0	985,325	966,939	1,068,237	9,241,965	7,833,363	20,095,829
Expenditure Types							
Other Cost	0	985,325	966,939	1,068,237	9,241,965	7,833,363	20,095,829
Total Expenditures	0	985,325	966,939	1,068,237	9,241,965	7,833,363	20,095,829



CIP 2016 DETAIL BY PROJECT

FIRE SERVICES

Project Name EMA Sirens
 Project Number FS02027
 Division Priority 2

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

Project Description / Justification:

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

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>
Revenue Sources							
General Obligation Bonds	135,935	78,000	79,500	106,000	82,500	84,000	565,935
Total Revenues	<u>135,935</u>	<u>78,000</u>	<u>79,500</u>	<u>106,000</u>	<u>82,500</u>	<u>84,000</u>	<u>565,935</u>
Expenditure Types							
Other Cost	135,935	78,000	79,500	106,000	82,500	84,000	565,935
Total Expenditures	<u>135,935</u>	<u>78,000</u>	<u>79,500</u>	<u>106,000</u>	<u>82,500</u>	<u>84,000</u>	<u>565,935</u>



CIP 2016 DETAIL BY PROJECT

FIRE SERVICES

Project Name Fire Station Repair
 Project Number FS02001
 Division Priority 3

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

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
Revenue Sources							
General Obligation Bonds	1,927,419	0	3,137,320	4,442,593	4,076,540	4,374,840	17,958,712
Total Revenues	1,927,419	0	3,137,320	4,442,593	4,076,540	4,374,840	17,958,712
Expenditure Types							
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
Total Expenditures	1,927,419	0	3,137,320	4,442,593	4,076,540	4,374,840	17,958,712



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
Revenue Sources							
General Obligation Bonds	0	0	5,303,733	2,526,700	0	0	7,830,433
Total Revenues	0	0	5,303,733	2,526,700	0	0	7,830,433
Expenditure Types							
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
Total Expenditures	0	0	5,303,733	2,526,700	0	0	7,830,433

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

	Reprogram	FY 2016
Revenue Sources		
General Obligation Bonds	214,000	0
Total Revenues	214,000	0
Expenditure Types		
Engineering - Architecture	0	0
Land Acquisition	214,000	0
Contract Construction	0	0
Furniture, Fixtures & Equipment	0	0
Information Technology	0	0
Total Expenditures	214,000	0

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

	Reprogram	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Total
Revenue Sources							
General Obligation Bonds	214,000	0	0	5,515,882	1,618,050	0	7,347,932
Total Revenues	214,000	0	0	5,515,882	1,618,050	0	7,347,932
Expenditure Types							
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
Total Expenditures	214,000	0	0	5,515,882	1,618,050	0	7,347,932



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
Revenue Sources							
General Obligation Bonds	0	0	0	636,480	5,728,032	2,814,760	9,179,272
Total Revenues	0	0	0	636,480	5,728,032	2,814,760	9,179,272
Expenditure Types							
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
Total Expenditures	0	0	0	636,480	5,728,032	2,814,760	9,179,272

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
Revenue Sources							
General Obligation Bonds	0	0	0	0	70,000	2,200,000	2,270,000
Total Revenues	0	0	0	0	70,000	2,200,000	2,270,000
Expenditure Types							
Engineering - Architecture	0	0	0	0	70,000	0	70,000
Contract Construction	0	0	0	0	0	2,200,000	2,200,000
Total Expenditures	0	0	0	0	70,000	2,200,000	2,270,000

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
Revenue Sources							
General Obligation Bonds	0	0	0	0	0	1,600,000	1,600,000
Total Revenues	0	0	0	0	0	1,600,000	1,600,000
Expenditure Types							
Land Acquisition	0	0	0	0	0	1,600,000	1,600,000
Total Expenditures	0	0	0	0	0	1,600,000	1,600,000

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
Revenue Sources							
General Obligation Bonds	0	0	0	0	0	1,000,000	1,000,000
Total Revenues	0	0	0	0	0	1,000,000	1,000,000
Expenditure Types							
Land Acquisition	0	0	0	0	0	1,000,000	1,000,000
Total Expenditures	0	0	0	0	0	1,000,000	1,000,000

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
Revenue Sources							
General Obligation Bonds	0	0	0	0	400,000	1,008,000	1,408,000
Total Revenues	0	0	0	0	400,000	1,008,000	1,408,000
Expenditure Types							
Engineering - Architecture	0	0	0	0	0	1,008,000	1,008,000
Land Development	0	0	0	0	400,000	0	400,000
Total Expenditures	0	0	0	0	400,000	1,008,000	1,408,000

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>
Revenue Sources		
General Obligation Bonds	0	18,554,979
Sewer Revenue Bonds	0	0
Federal Grants CIP	0	0
Federal Grants Other	0	0
State Grants All	0	0
Local Shared CIP	0	0
Local Other CIP	0	0
Operating Transfers In	0	0
Capital PAY GO	0	0
Net Income and Investors	0	0
Other Grant Revenue	0	0
Total Revenues	0	18,554,979

Expenditure Types		
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
Total Expenditures	0	18,554,980

	Reprogram	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Total
Revenue Sources							
General Obligation Bonds	0	18,554,980	10,000,000	5,145,000	4,000,000	4,000,000	41,699,979
Total Revenues	0	18,554,980	10,000,000	5,145,000	4,000,000	4,000,000	41,699,980
Expenditure Types							
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
Total Expenditures	0	18,554,980	10,000,000	5,145,000	4,000,000	4,000,000	41,699,980

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 Acquistion - GS0216A Engineering	0	115,000	0	0	0	0	115,000
4		Capital Acquistion - Parks & GS0216B Neighborhoods	0	777,900	0	0	0	0	777,900
5		Capital Acquistion - Police GS0216C Services	0	4,520,239	0	0	0	0	4,520,239
6		Capital Acquistion - Public GS0216D Works	0	433,000	0	0	0	0	433,000
7		Capital Acquistion - Fire GS0216E Services	0	3,357,000	0	0	0	0	3,357,000
8		Capital Acquistion - General GS0216F Services Park Operations	0	422,835	0	0	0	0	422,835
		Capital Acquistion - General GS0216G Services - Fleet	0	49,005	0	0	0	0	49,005
Total			0	18,554,980	10,000,000	5,145,000	4,000,000	4,000,000	41,699,980



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

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

Project 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>
Revenue Sources							
General Obligation Bonds	0	6,000,000	6,000,000	1,145,000	0	0	13,145,000
Total Revenues	0	6,000,000	6,000,000	1,145,000	0	0	13,145,000
Expenditure Types							
Contract Construction	0	6,000,000	6,000,000	1,145,000	0	0	13,145,000
Total Expenditures	0	6,000,000	6,000,000	1,145,000	0	0	13,145,000

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>
Revenue Sources		
General Obligation Bonds	0	2,880,000
Total Revenues	0	2,880,000
Expenditure Types		
Engineering - Architecture	0	288,000
Contract Construction	0	2,592,000
Total Expenditures	0	2,880,000

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>
Revenue Sources							
General Obligation Bonds	0	2,880,000	4,000,000	4,000,000	4,000,000	4,000,000	18,880,000
Total Revenues	0	2,880,000	4,000,000	4,000,000	4,000,000	4,000,000	18,880,000
Expenditure Types							
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
Total Expenditures	0	2,880,000	4,000,000	4,000,000	4,000,000	4,000,000	18,880,000



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>
Revenue Sources		
General Obligation Bonds	0	115,000
Total Revenues	0	115,000
Expenditure Types		
Capital Acquisition - Equip CAP	0	35,000
Capital Acquisition - Vehicle CAP	0	80,000
Total Expenditures	0	115,000

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
Engineering					
	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	
				SUBTOTAL:	115,000



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>
Revenue Sources		
General Obligation Bonds	0	777,900
Total Revenues	0	777,900
Expenditure Types		
Capital Acquisition - Equip CAP	0	200,000
Capital Acquisition - Vehicle CAP	0	577,900
Total Expenditures	0	777,900

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
Parks & Neighborhoods					
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	
SUBTOTAL:				777,900	



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>
Revenue Sources		
General Obligation Bonds	0	4,520,239
Total Revenues	0	4,520,239
Expenditure Types		
Capital Acquisition - Equip CAP	0	147,831
Capital Acquisition - Vehicle CAP	0	4,372,409
Total Expenditures	0	4,520,239

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
Police					
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	
				SUBTOTAL:	4,520,239



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>
Revenue Sources		
General Obligation Bonds	0	433,000
Total Revenues	0	433,000
Expenditure Types		
Capital Acquisition - Vehicle CAP	0	433,000
Total Expenditures	0	433,000

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
Public Works					
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	
				SUBTOTAL:	433,000



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>
Revenue Sources		
General Obligation Bonds	0	3,357,000
Total Revenues	0	3,357,000
Expenditure Types		
Capital Acquisition - Vehicle CAP	0	3,357,000
Total Expenditures	0	3,357,000

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
Fire					
	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	
				SUBTOTAL:	3,357,000



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>
Revenue Sources		
General Obligation Bonds	0	422,835
Total Revenues	0	422,835
Expenditure Types		
Capital Acquisition - Equip CAP	0	111,675
Capital Acquisition - Vehicle CAP	0	311,160
Total Expenditures	0	422,835

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
GS - Park Operations					
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	
				SUBTOTAL:	422,835



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>
Revenue Sources		
General Obligation Bonds	0	49,005
Total Revenues	0	49,005
Expenditure Types		
Capital Acquisition - Equip CAP	0	49,005
Total Expenditures	0	49,005

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
General Services - Fleet					
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	
				SUBTOTAL:	49,005



FY 16 Division Capital Acquisition Requests Summary

Division	Units	Detailed Description	Estimated Cost Per Unit	Total Cost - GO Bonds	Division Total
Fire					
	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	
				SUBTOTAL:	3,357,000
Police					
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	
				SUBTOTAL:	4,520,239
Public Works					
Code Enforcement	9	4 cylinder sedan Crew cab w/ dump	17,000	153,000	
Street Maintenance	3	bodies	50,000	150,000	
Street Maintenance	1	Tandem Dump Truck	130,000	130,000	
				SUBTOTAL:	433,000
Engineering					
	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	
				SUBTOTAL:	115,000
General Services - Fleet					
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	
				SUBTOTAL:	49,005



FY 16 Division Capital Acquisition Requests Summary (cont.)

Division	Units	Detailed Description	Estimated Cost Per Unit	Total Cost - GO Bonds	Division Total
GS - Park Operations					
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	
SUBTOTAL:					422,835
Parks & Neighborhoods					
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	
SUBTOTAL:					777,900
Total Items	231		GRAND TOTAL	9,674,980	

	<u>Reprogram</u>	<u>FY 2016</u>
Revenue Sources		
General Obligation Bonds	0	3,500,000
Sewer Revenue Bonds	0	0
Federal Grants CIP	0	0
Federal Grants Other	0	6,288,106
State Grants All	0	0
Local Shared CIP	0	0
Local Other CIP	0	0
Operating Transfers In	0	0
Capital PAY GO	0	0
Net Income and Investors	0	0
Other Grant Revenue	0	0
Total Revenues	0	9,788,106

Expenditure Types		
Engineering - Architecture	0	200,000
Land Development	0	1,101,005
Contract Construction	0	8,487,101
Total Expenditures	0	9,788,106

CIP 2016 DIVISION SUMMARY

HOUSING AND COMMUNITY DEVELOPMENT

	Reprogram	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Total
Revenue Sources							
General Obligation Bonds	0	3,500,000	6,213,325	3,272,005	3,154,645	7,860,025	24,000,000
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
Total Revenues	0	9,788,106	15,056,546	12,101,253	12,100,320	17,453,775	66,500,000
Expenditure Types							
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	8,487,101	10,232,702	7,162,913	7,221,850	12,973,804	46,078,370
Total Expenditures	0	9,788,106	15,056,546	12,101,253	12,100,320	17,453,775	66,500,000



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
Total			0	9,788,106	15,056,546	12,101,253	12,100,320	17,453,775	66,500,000



CIP 2016 DETAIL BY PROJECT

HOUSING AND COMMUNITY DEVELOPMENT

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

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

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.

	<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>
Revenue Sources							
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
Total Revenues	0	7,788,106	13,056,546	12,101,253	12,100,320	17,453,775	62,500,000
Expenditure Types							
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
Total Expenditures	0	7,788,106	13,056,546	12,101,253	12,100,320	17,453,775	62,500,000



CIP 2016 DETAIL BY PROJECT

HOUSING AND COMMUNITY DEVELOPMENT

Project Name MASON VILLAGE
 Project Number CD02011
 Division Priority 2

	<u>Reprogram</u>	<u>FY 2016</u>
Revenue Sources		
General Obligation Bonds	0	2,000,000
Total Revenues	0	2,000,000
Expenditure Types		
Contract Construction	0	2,000,000
Total Expenditures	0	2,000,000

Project 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

	<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>
Revenue Sources							
General Obligation Bonds	0	2,000,000	2,000,000	0	0	0	4,000,000
Total Revenues	0	2,000,000	2,000,000	0	0	0	4,000,000
Expenditure Types							
Contract Construction	0	2,000,000	2,000,000	0	0	0	4,000,000
Total Expenditures	0	2,000,000	2,000,000	0	0	0	4,000,000





	<u>Reprogram</u>	<u>FY 2016</u>
Revenue Sources		
General Obligation Bonds	0	3,110,000
Sewer Revenue Bonds	0	0
Federal Grants CIP	0	15,080,000
Federal Grants Other	0	0
State Grants All	0	660,000
Local Shared CIP	0	0
Local Other CIP	0	0
Operating Transfers In	0	0
Capital PAY GO	0	0
Net Income and Investors	0	0
Other Grant Revenue	0	0
Total Revenues	0	18,850,000

Expenditure Types		
Engineering - Architecture	0	0
Land Acquisition	0	0
Contract Construction	0	0
Other Cost	0	18,850,000
Total Expenditures	0	18,850,000

	Reprogram	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Total
Revenue Sources							
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
Total Revenues	0	18,850,000	48,850,000	24,300,000	35,000,000	24,800,000	151,800,000
Expenditure Types							
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
Total Expenditures	0	18,850,000	48,850,000	24,300,000	35,000,000	24,800,000	151,800,000

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
Total			0	18,850,000	48,850,000	24,300,000	35,000,000	24,800,000	151,800,000



CIP 2016 DETAIL BY PROJECT

MATA

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

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

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
Revenue Sources							
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
Total Revenues	0	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	10,000,000
Expenditure Types							
Other Cost	0	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	10,000,000
Total Expenditures	0	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	10,000,000



CIP 2016 DETAIL BY PROJECT

MATA

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

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

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
Revenue Sources							
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
Total Revenues	0	300,000	200,000	400,000	200,000	200,000	1,300,000
Expenditure Types							
Other Cost	0	300,000	200,000	400,000	200,000	200,000	1,300,000
Total Expenditures	0	300,000	200,000	400,000	200,000	200,000	1,300,000



CIP 2016 DETAIL BY PROJECT

MATA

Project Name Rail Vehicles
 Project Number GA03026
 Division Priority 3

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

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>
Revenue Sources							
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
Total Revenues	0	11,250,000	5,950,000	1,400,000	12,000,000	1,600,000	32,200,000
Expenditure Types							
Other Cost	0	11,250,000	5,950,000	1,400,000	12,000,000	1,600,000	32,200,000
Total Expenditures	0	11,250,000	5,950,000	1,400,000	12,000,000	1,600,000	32,200,000



CIP 2016 DETAIL BY PROJECT

MATA

Project Name Bus Facility Improvements
 Project Number GA03025
 Division Priority 4

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

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
Revenue Sources							
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
Total Revenues	0	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	10,000,000
Expenditure Types							
Other Cost	0	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	10,000,000
Total Expenditures	0	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	10,000,000



CIP 2016 DETAIL BY PROJECT

MATA

Project Name Rail Facility Improvements
 Project Number GA03024
 Division Priority 5

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

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
Revenue Sources							
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
Total Revenues	0	2,000,000	16,000,000	2,000,000	2,000,000	2,000,000	24,000,000
Expenditure Types							
Other Cost	0	2,000,000	16,000,000	2,000,000	2,000,000	2,000,000	24,000,000
Total Expenditures	0	2,000,000	16,000,000	2,000,000	2,000,000	2,000,000	24,000,000



CIP 2016 DETAIL BY PROJECT

MATA

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

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

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
Revenue Sources							
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
Total Revenues	0	300,000	300,000	300,000	300,000	300,000	1,500,000
Expenditure Types							
Other Cost	0	300,000	300,000	300,000	300,000	300,000	1,500,000
Total Expenditures	0	300,000	300,000	300,000	300,000	300,000	1,500,000



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

	Reprogram	FY 2016
Revenue Sources		
General Obligation Bonds	0	200,000
Federal Grants CIP	0	800,000
Total Revenues	0	1,000,000
Expenditure Types		
Other Cost	0	1,000,000
Total Expenditures	0	1,000,000

Project Description / Justification:

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

Operating Budget Impact:

None

	Reprogram	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Total
Revenue Sources							
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
Total Revenues	0	1,000,000	6,500,000	1,200,000	1,500,000	1,700,000	11,900,000
Expenditure Types							
Other Cost	0	1,000,000	6,500,000	1,200,000	1,500,000	1,700,000	11,900,000
Total Expenditures	0	1,000,000	6,500,000	1,200,000	1,500,000	1,700,000	11,900,000

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
Revenue Sources							
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
Total Revenues	0	0	15,900,000	15,000,000	15,000,000	15,000,000	60,900,000
Expenditure Types							
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
Total Expenditures	0	0	15,900,000	15,000,000	15,000,000	15,000,000	60,900,000

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:





	<u>Reprogram</u>	<u>FY 2016</u>
Revenue Sources		
General Obligation Bonds	2,704,000	3,310,000
Sewer Revenue Bonds	0	0
Federal Grants CIP	0	0
Federal Grants Other	0	0
State Grants All	0	0
Local Shared CIP	0	0
Local Other CIP	0	0
Operating Transfers In	0	0
Capital PAY GO	0	0
Net Income and Investors	0	0
Other Grant Revenue	0	0
Total Revenues	<u>2,704,000</u>	<u>3,310,000</u>

Expenditure Types		
Engineering - Architecture	0	1,100,000
Contract Construction	2,704,000	1,960,000
Furniture, Fixtures & Equipment	0	250,000
Total Expenditures	<u>2,704,000</u>	<u>3,310,000</u>

	Reprogram	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Total
Revenue Sources							
General Obligation Bonds	2,704,000	3,310,000	3,050,000	3,750,000	3,750,000	3,750,000	20,314,000
Local Other CIP	0	0	0	1,000,000	1,000,000	1,000,000	3,000,000
Total Revenues	2,704,000	3,310,000	3,050,000	4,750,000	4,750,000	4,750,000	23,314,000
Expenditure Types							
Engineering - Architecture	0	1,100,000	230,000	120,000	120,000	120,000	1,690,000
Contract Construction	2,704,000	1,960,000	2,820,000	3,963,000	3,963,000	3,963,000	19,373,000
Furniture, Fixtures & Equipment	0	250,000	0	667,000	667,000	667,000	2,251,000
Total Expenditures	2,704,000	3,310,000	3,050,000	4,750,000	4,750,000	4,750,000	23,314,000

Note:

The reprogram dollars above does not 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	2,000,000	1,600,000	1,000,000	1,000,000	1,000,000	6,600,000
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
Total			2,704,000	3,310,000	3,050,000	4,750,000	4,750,000	4,750,000	23,314,000



Project Name Parks Cover Line
 Project Number PK07114
 Division Priority 1

	Reprogram	FY 2016
Revenue Sources		
General Obligation Bonds	0	2,000,000
Total Revenues	0	2,000,000
Expenditure Types		
Engineering - Architecture	0	200,000
Contract Construction	0	1,550,000
Furniture, Fixtures & Equipment	0	250,000
Total Expenditures	0	2,000,000

Project Description / Justification:

This project provides funds for the Parks Cover Line project.

Operating Budget Impact:

None

	Reprogram	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Total
Revenue Sources							
General Obligation Bonds	0	2,000,000	1,600,000	1,000,000	1,000,000	1,000,000	6,600,000
Total Revenues	0	2,000,000	1,600,000	1,000,000	1,000,000	1,000,000	6,600,000
Expenditure Types							
Engineering - Architecture	0	200,000	150,000	120,000	120,000	120,000	710,000
Contract Construction	0	1,550,000	1,450,000	880,000	880,000	880,000	5,640,000
Furniture, Fixtures & Equipment	0	250,000	0	0	0	0	250,000
Total Expenditures	0	2,000,000	1,600,000	1,000,000	1,000,000	1,000,000	6,600,000

Project Name Radio Tower Maintenance
 Project Number PK08033
 Division Priority 2

	Reprogram	FY 2016
Revenue Sources		
General Obligation Bonds	0	160,000
Total Revenues	0	160,000
Expenditure Types		
Contract Construction	0	160,000
Total Expenditures	0	160,000

Project Description / Justification:

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

Operating Budget Impact:

None

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

Project Name Zoo Major Maintenance
 Project Number PK09002
 Division Priority 3

	Reprogram	FY 2016
Revenue Sources		
General Obligation Bonds	0	250,000
Total Revenues	0	250,000
Expenditure Types		
Contract Construction	0	250,000
Total Expenditures	0	250,000

Project 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

	Reprogram	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Total
Revenue Sources							
General Obligation Bonds	0	250,000	250,000	250,000	250,000	250,000	1,250,000
Total Revenues	0	250,000	250,000	250,000	250,000	250,000	1,250,000
Expenditure Types							
Contract Construction	0	250,000	250,000	250,000	250,000	250,000	1,250,000
Total Expenditures	0	250,000	250,000	250,000	250,000	250,000	1,250,000

CIP 2016 DETAIL BY PROJECT

PARKS SERVICES

Project Name Pink Palace Rehabilitation
Project Number PK08017
Division Priority 4

	Reprogram	FY 2016
Revenue Sources		
General Obligation Bonds	2,000,000	900,000
Local Other CIP	0	0
Total Revenues	2,000,000	900,000
Expenditure Types		
Engineering - Architecture	0	900,000
Contract Construction	2,000,000	0
Furniture, Fixtures & Equipment	0	0
Total Expenditures	2,000,000	900,000

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
Revenue Sources							
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
Total Revenues	2,000,000	900,000	1,000,000	2,000,000	2,000,000	2,000,000	9,900,000
Expenditure Types							
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
Total Expenditures	2,000,000	900,000	1,000,000	2,000,000	2,000,000	2,000,000	9,900,000



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
Revenue Sources							
General Obligation Bonds	0	0	200,000	1,500,000	1,500,000	1,500,000	4,700,000
Total Revenues	0	0	200,000	1,500,000	1,500,000	1,500,000	4,700,000
Expenditure Types							
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
Total Expenditures	0	0	200,000	1,500,000	1,500,000	1,500,000	4,700,000

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



Project Name Denver Park
 Project Number PK07115
 Division Priority 6

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

Project Description / Justification:

This project provides major renovation of existing park to include playground, pavillion, 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
Revenue Sources							
General Obligation Bonds	704,000	0	0	0	0	0	704,000
Total Revenues	704,000	0	0	0	0	0	704,000
Expenditure Types							
Contract Construction	704,000	0	0	0	0	0	704,000
Total Expenditures	704,000	0	0	0	0	0	704,000



	<u>Reprogram</u>	<u>FY 2016</u>
Revenue Sources		
General Obligation Bonds	187,827	3,662,192
Sewer Revenue Bonds	0	0
Federal Grants CIP	0	0
Federal Grants Other	0	0
State Grants All	0	0
Local Shared CIP	0	0
Local Other CIP	0	0
Operating Transfers In	0	0
Capital PAY GO	380,000	1,500,000
Net Income and Investors	0	0
Other Grant Revenue	0	0
Total Revenues	567,827	5,162,192

Expenditure Types		
Engineering - Architecture	20,000	0
Contract Construction	37,827	0
Furniture, Fixtures & Equipment	130,000	0
Other Cost	0	0
Information Technology	380,000	4,500,000
Capital Acquisition	0	662,192
Total Expenditures	567,827	5,162,192

	Reprogram	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Total
Revenue Sources							
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
Total Revenues	567,827	5,162,192	5,751,000	22,048,000	27,315,200	22,777,240	83,621,459
Expenditure Types							
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
Total Expenditures	567,827	5,162,192	5,751,000	22,048,000	27,315,200	22,777,240	83,621,459

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	Communication's Power PD04023 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	Expand Vehicle Evidence/ PD04001 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
Total		567,827	5,162,192	5,751,000	22,048,000	27,315,200	22,777,240	83,621,459



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

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>
Revenue Sources							
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
Total Revenues	<u>380,000</u>	<u>4,500,000</u>	<u>4,420,000</u>	<u>4,420,000</u>	<u>4,420,000</u>	<u>4,420,000</u>	<u>22,560,000</u>
Expenditure Types							
Information Technology	380,000	4,500,000	4,420,000	4,420,000	4,420,000	4,420,000	22,560,000
Total Expenditures	<u>380,000</u>	<u>4,500,000</u>	<u>4,420,000</u>	<u>4,420,000</u>	<u>4,420,000</u>	<u>4,420,000</u>	<u>22,560,000</u>



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>
Revenue Sources		
General Obligation Bonds	0	450,000
Total Revenues	0	450,000
Expenditure Types		
Capital Acquisition	0	450,000
Total Expenditures	0	450,000

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>
Revenue Sources							
General Obligation Bonds	0	450,000	0	0	0	0	450,000
Total Revenues	0	450,000	0	0	0	0	450,000
Expenditure Types							
Capital Acquisition	0	450,000	0	0	0	0	450,000
Total Expenditures	0	450,000	0	0	0	0	450,000



CIP 2016 DETAIL BY PROJECT

POLICE SERVICES

Project Name Mobile Command
Project Number PD04024
Division Priority 3

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

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

	<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>
Revenue Sources							
General Obligation Bonds	0	212,192	0	0	0	0	212,192
Total Revenues	0	212,192	0	0	0	0	212,192
Expenditure Types							
Capital Acquisition	0	212,192	0	0	0	0	212,192
Total Expenditures	0	212,191	0	0	0	0	212,192



CIP DETAIL BY PROJECT

POLICE SERVICES

Project Name Precinct Renovations
Project Number PD02004
Division Priority 4

	Reprogram	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Total
Revenue Sources							
General Obligation Bonds	187,827	0	0	0	0	0	187,827
Total Revenues	187,827	0	0	0	0	0	187,827
Expenditure Types							
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
Total Expenditures	187,827	0	0	0	0	0	187,827

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



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
Revenue Sources							
General Obligation Bonds	0	0	733,000	6,240,000	1,300,000	0	8,273,000
Total Revenues	0	0	733,000	6,240,000	1,300,000	0	8,273,000
Expenditure Types							
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
Total Expenditures	0	0	733,000	6,240,000	1,300,000	0	8,273,000

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
Revenue Sources							
General Obligation Bonds	0	0	598,000	4,888,000	1,622,000	2,985,000	10,093,000
Total Revenues	0	0	598,000	4,888,000	1,622,000	2,985,000	10,093,000
Expenditure Types							
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
Total Expenditures	0	0	598,000	4,888,000	1,622,000	2,985,000	10,093,000

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
Revenue Sources							
General Obligation Bonds	0	0	0	832,000	6,864,000	1,456,000	9,152,000
Total Revenues	0	0	0	832,000	6,864,000	1,456,000	9,152,000
Expenditure Types							
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
Total Expenditures	0	0	0	832,000	6,864,000	1,456,000	9,152,000

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
Revenue Sources							
General Obligation Bonds	0	0	0	676,000	5,408,000	9,204,000	15,288,000
Total Revenues	0	0	0	676,000	5,408,000	9,204,000	15,288,000
Expenditure Types							
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
Total Expenditures	0	0	0	676,000	5,408,000	9,204,000	15,288,000

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
Revenue Sources							
General Obligation Bonds	0	0	0	1,123,200	421,200	4,712,240	6,256,640
Total Revenues	0	0	0	1,123,200	421,200	4,712,240	6,256,640
Expenditure Types							
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
Total Expenditures	0	0	0	1,123,200	421,200	4,712,240	6,256,640

Project Description / Justification:

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

Operating Budget Impact:

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
Revenue Sources							
General Obligation Bonds	0	0	0	852,800	7,280,000	0	8,132,800
Total Revenues	0	0	0	852,800	7,280,000	0	8,132,800
Expenditure Types							
Engineering - Architecture	0	0	0	852,800	0	0	852,800
Contract Construction	0	0	0	0	7,280,000	0	7,280,000
Total Expenditures	0	0	0	852,800	7,280,000	0	8,132,800

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
Revenue Sources							
General Obligation Bonds	0	0	0	3,016,000	0	0	3,016,000
Total Revenues	0	0	0	3,016,000	0	0	3,016,000
Expenditure Types							
Other Cost	0	0	0	3,016,000	0	0	3,016,000
Total Expenditures	0	0	0	3,016,000	0	0	3,016,000

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>
Revenue Sources		
General Obligation Bonds	22,573,476	20,325,000
Sewer Revenue Bonds	0	0
Federal Grants CIP	57,200,008	0
Federal Grants Other	0	0
State Grants All	6,800,000	0
Local Shared CIP	0	0
Local Other CIP	251,320	430,000
Operating Transfers In	0	0
Capital PAY GO	0	0
Net Income and Investors	0	0
Other Grant Revenue	0	0
Total Revenues	<u>86,824,804</u>	<u>20,755,000</u>

Expenditure Types		
Engineering - Architecture	12,586,551	576,000
Land Acquisition	11,234,000	0
Other Cost	1,000,000	0
Contract Construction	62,004,253	20,179,000
Total Expenditures	<u>86,824,804</u>	<u>20,755,000</u>

	Reprogram	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Total
Revenue Sources							
General Obligation Bonds	22,573,476	20,325,000	39,473,000	54,257,824	27,304,000	25,170,000	189,103,300
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
Total Revenues	86,824,804	20,755,000	102,370,195	81,330,824	51,616,000	36,770,000	379,666,823
Expenditure Types							
Engineering - Architecture	12,586,551	576,000	10,056,286	5,222,000	1,497,000	1,030,000	30,967,837
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	20,179,000	81,860,500	75,366,824	50,019,000	35,740,000	325,169,577
Total Expenditures	86,824,804	20,755,000	102,370,195	81,330,824	51,616,000	36,770,000	379,666,823

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	PW01040	Asphalt/Paving	0	15,000,000	17,500,000	18,000,000	18,500,000	18,500,000	87,500,000
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
33	Repair 14 Bridges Sam 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
37	Shelby Farms Greenline PW01257 Trail	375,000	0	0	0	0	0	375,000
38	Paul Lowery Road 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
41	Walker Ave. Streetscape 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
Total		86,824,804	20,755,000	102,370,195	81,330,824	51,616,000	36,770,000	379,666,823



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

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>
Revenue Sources							
General Obligation Bonds	336,279	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	12,836,279
Total Revenues	<u>336,279</u>	<u>2,500,000</u>	<u>2,500,000</u>	<u>2,500,000</u>	<u>2,500,000</u>	<u>2,500,000</u>	<u>12,836,279</u>
Expenditure Types							
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
Total Expenditures	<u>336,279</u>	<u>2,500,000</u>	<u>2,500,000</u>	<u>2,500,000</u>	<u>2,500,000</u>	<u>2,500,000</u>	<u>12,836,279</u>



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>
Revenue Sources		
State Grants All	40,000	0
Total Revenues	40,000	0
Expenditure Types		
Engineering - Architecture	40,000	0
Contract Construction	0	0
Total Expenditures	40,000	0

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>
Revenue Sources							
State Grants All	40,000	0	0	0	0	0	40,000
Total Revenues	40,000	0	0	0	0	0	40,000
Expenditure Types							
Engineering - Architecture	40,000	0	0	0	0	0	40,000
Contract Construction	0	0	0	0	0	0	0
Total Expenditures	40,000	0	0	0	0	0	40,000



CIP 2016 DETAIL BY PROJECT

PUBLIC WORKS

Project Name Asphalt/Paving
Project Number PW01040
Division Priority 3

	Reprogram	FY 2016
Revenue Sources		
General Obligation Bonds	0	15,000,000
Total Revenues	0	15,000,000
Expenditure Types		
Contract Construction	0	15,000,000
Total Expenditures	0	15,000,000

Project Description / Justification:

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

Operating Budget Impact:

None

	Reprogram	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Total
Revenue Sources							
General Obligation Bonds	0	15,000,000	17,500,000	18,000,000	18,500,000	18,500,000	87,500,000
Total Revenues	0	15,000,000	17,500,000	18,000,000	18,500,000	18,500,000	87,500,000
Expenditure Types							
Contract Construction	0	15,000,000	17,500,000	18,000,000	18,500,000	18,500,000	87,500,000
Total Expenditures	0	15,000,000	17,500,000	18,000,000	18,500,000	18,500,000	87,500,000



CIP 2016 DETAIL BY PROJECT

PUBLIC WORKS

Project Name Blight-Crosstown
 Project Number PW04097
 Division Priority 4

	Reprogram	FY 2016
Revenue Sources		
General Obligation Bonds	1,000,000	0
Total Revenues	1,000,000	0
Expenditure Types		
Contract Construction	1,000,000	0
Total Expenditures	1,000,000	0

Project Description / Justification:

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

Operating Budget Impact:

None

	Reprogram	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Total
Revenue Sources							
General Obligation Bonds	1,000,000	0	0	0	0	0	1,000,000
Total Revenues	1,000,000	0	0	0	0	0	1,000,000
Expenditure Types							
Contract Construction	1,000,000	0	0	0	0	0	1,000,000
Total Expenditures	1,000,000	0	0	0	0	0	1,000,000



CIP 2016 DETAIL BY PROJECT

PUBLIC WORKS

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

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

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
Revenue Sources							
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
State Grants All	0	0	0	0	0	0	0
Local Other CIP	200,000	0	1,800,000	0	0	0	2,000,000
Total Revenues	3,952,000	0	10,222,000	5,080,000	0	0	19,254,000
Expenditure Types							
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
Total Expenditures	3,952,000	0	10,222,000	5,080,000	0	0	19,254,000



CIP 2016 DETAIL BY PROJECT

PUBLIC WORKS

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

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

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
Revenue Sources							
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
Total Revenues	35,939,087	0	17,500,000	0	0	0	53,439,087
Expenditure Types							
Engineering - Architecture	1,993,853	0	1,800,000	0	0	0	3,793,853
Land Acquisition	32,136,234	0	0	0	0	0	32,136,234
Contract Construction	1,809,000	0	15,700,000	0	0	0	17,509,000
Total Expenditures	35,939,087	0	17,500,000	0	0	0	53,439,087



CIP 2016 DETAIL BY PROJECT

PUBLIC WORKS

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

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

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
Revenue Sources							
General Obligation Bonds	199,500	450,000	95,000	95,000	95,000	0	934,500
Total Revenues	199,500	450,000	95,000	95,000	95,000	0	934,500
Expenditure Types							
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
Total Expenditures	199,500	450,000	95,000	95,000	95,000	0	934,500



CIP 2016 DETAIL BY PROJECT

PUBLIC WORKS

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

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

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
Revenue Sources							
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
Total Revenues	2,200,000	0	0	0	0	0	2,200,000
Expenditure Types							
Contract Construction	2,200,000	0	0	0	0	0	2,200,000
Total Expenditures	2,200,000	0	0	0	0	0	2,200,000



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
Revenue Sources							
General Obligation Bonds	0	0	700,00	3,900,000	0	0	4,600,000
Total Revenues	0	0	700,000	3,900,000	0	0	4,600,000
Expenditure Types							
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
Total Expenditures	0	0	700,000	3,900,000	0	0	4,600,000

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
Revenue Sources		
General Obligation Bonds	254,000	0
Federal Grants CIP	1,011,000	0
Total Revenues	1,265,000	0
Expenditure Types		
Land Acquisition	1,265,000	0
Contract Construction	0	0
Total Expenditures	1,265,000	0

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
Revenue Sources							
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
Total Revenues	1,265,000	0	12,000,000	0	0	0	13,265,000
Expenditure Types							
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
Total Expenditures	1,265,000	0	12,000,000	0	0	0	13,265,000



CIP 2016 DETAIL BY PROJECT

PUBLIC WORKS

Project Name IP Infrastructure
 Project Number PW01246
 Division Priority 11

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

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
Revenue Sources							
General Obligation Bonds	450,000	0	0	0	0	0	450,000
Total Revenues	450,000	0	0	0	0	0	450,000
Expenditure Types							
Contract Construction	450,000	0	0	0	0	0	450,000
Total Expenditures	450,000	0	0	0	0	0	450,000



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
Revenue Sources							
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
Total Revenues	0	0	3,121,000	742,000	15,000,000	10,000,000	28,863,000
Expenditure Types							
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
Total Expenditures	0	0	3,121,000	742,000	15,000,000	10,000,000	28,863,000

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

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
Revenue Sources							
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
Total Revenues	7,094,000	0	0	0	0	0	7,094,000
Expenditure Types							
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
Total Expenditures	7,094,000	0	0	0	0	0	7,094,000



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
Revenue Sources							
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
Total Revenues	0	0	996,000	5,000,000	4,500,000	0	10,496,000
Expenditure Types							
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
Total Expenditures	0	0	996,000	5,000,000	4,500,000	0	10,496,000

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
Revenue Sources							
General Obligation Bonds	0	0	700,000	0	0	0	700,000
Total Revenues	0	0	700,000	0	0	0	700,000
Expenditure Types							
Engineering - Architecture	0	0	60,000	0	0	0	60,000
Contract Construction	0	0	640,000	0	0	0	640,000
Total Expenditures	0	0	700,000	0	0	0	700,000

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
Revenue Sources							
General Obligation Bonds	0	0	200,000	4,000,000	0	0	4,200,000
Total Revenues	0	0	200,000	4,000,000	0	0	4,200,000
Expenditure Types							
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
Total Expenditures	0	0	200,000	4,000,000	0	0	4,200,000

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
Revenue Sources							
General Obligation Bonds	0	0	150,000	3,300,000	0	0	3,450,000
Total Revenues	0	0	150,000	3,300,000	0	0	3,450,000
Expenditure Types							
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
Total Expenditures	0	0	150,000	3,300,000	0	0	3,450,000

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
Revenue Sources							
General Obligation Bonds	0	0	250,000	2,550,000	130,000	1,270,000	4,200,000
Total Revenues	0	0	250,000	2,550,000	130,000	1,270,000	4,200,000
Expenditure Types							
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
Total Expenditures	0	0	250,000	2,550,000	130,000	1,270,000	4,200,000

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
Revenue Sources							
General Obligation Bonds	0	0	350,000	4,150,000	0	0	4,500,000
Total Revenues	0	0	350,000	4,150,000	0	0	4,500,000
Expenditure Types							
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
Total Expenditures	0	0	350,000	4,150,000	0	0	4,500,000

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
Revenue Sources							
General Obligation Bonds	0	0	50,000	1,300,000	0	0	1,350,000
Total Revenues	0	0	50,000	1,300,000	0	0	1,350,000
Expenditure Types							
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
Total Expenditures	0	0	50,000	1,300,000	0	0	1,350,000

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
Revenue Sources							
General Obligation Bonds	0	0	5,650,000	5,150,000	0	0	10,800,000
Total Revenues	0	0	5,650,000	5,150,000	0	0	10,800,000
Expenditure Types							
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
Total Expenditures	0	0	5,650,000	5,150,000	0	0	10,800,000

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
Revenue Sources							
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
Total Revenues	0	0	0	2,220,000	0	0	2,220,000
Expenditure Types							
Engineering - Architecture	0	0	0	2,220,000	0	0	2,220,000
Total Expenditures	0	0	0	2,220,000	0	0	2,220,000

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
Revenue Sources		
General Obligation Bonds	402,000	0
Federal Grants CIP	1,603,000	0
Total Revenues	2,005,000	0
Expenditure Types		
Engineering - Architecture	1,000	0
Contract Construction	2,004,000	0
Total Expenditures	2,005,000	0

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
Revenue Sources							
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
Total Revenues	2,005,000	0	12,997,000	0	0	0	15,002,000
Expenditure Types							
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
Total Expenditures	2,005,000	0	12,997,000	0	0	0	15,002,000



CIP 2016 DETAIL BY PROJECT

PUBLIC WORKS

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

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

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

	<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>
Revenue Sources							
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
Total Revenues	<u>5,355,000</u>	<u>0</u>	<u>0</u>	<u>16,300,000</u>	<u>0</u>	<u>0</u>	<u>21,655,000</u>
Expenditure Types							
Contract Construction	5,355,000	0	0	16,300,000	0	0	21,655,000
Total Expenditures	<u>5,355,000</u>	<u>0</u>	<u>0</u>	<u>16,300,000</u>	<u>0</u>	<u>0</u>	<u>21,655,000</u>



CIP 2016 DETAIL BY PROJECT

PUBLIC WORKS

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

	Reprogram	FY 2016
Revenue Sources		
General Obligation Bonds	0	0
Federal Grants CIP	200,000	0
Total Revenues	200,000	0
Expenditure Types		
Engineering - Architecture	200,000	0
Land Acquisition	0	0
Contract Construction	0	0
Total Expenditures	200,000	0

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
Revenue Sources							
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
Total Revenues	200,000	0	2,342,000	0	6,391,000	0	8,933,000
Expenditure Types							
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
Total Expenditures	200,000	0	2,342,000	0	6,391,000	0	8,933,000



CIP 2016 DETAIL BY PROJECT

PUBLIC WORKS

Project Name STP REPAVING
 Project Number PW01199
 Division Priority 26

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

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. Preventitive 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
Revenue Sources							
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
Total Revenues	11,148,000	0	4,500,000	4,500,000	4,500,000	4,500,000	29,148,000
Expenditure Types							
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
Total Expenditures	11,148,000	0	4,500,000	4,500,000	4,500,000	4,500,000	29,148,000



CIP 2016 DETAIL BY PROJECT

PUBLIC WORKS

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

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

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
Revenue Sources							
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
Total Revenues	100,000	0	1,440,000	0	0	0	1,540,000
Expenditure Types							
Contract Construction	100,000	0	1,440,000	0	0	0	1,540,000
Total Expenditures	100,000	0	1,440,000	0	0	0	1,540,000



CIP 2016 DETAIL BY PROJECT

PUBLIC WORKS

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

	Reprogram	FY 2016
Revenue Sources		
Federal Grants CIP	457,000	0
General Obligation Bonds	208,000	0
Total Revenues	131,300	0
Expenditure Types		
Engineering - Architecture	51,110	0
Land Acquisition	25,000	0
Contract Construction	55,190	0
Total Expenditures	131,300	0

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
Revenue Sources							
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
Total Revenues	674,120	0	5,208,195	0	0	0	5,882,315
Expenditure Types							
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
Total Expenditures	674,120	0	5,208,195	0	0	0	5,882,315



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

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>
Revenue Sources							
General Obligation Bonds	131,300	0	0	0	0	0	131,300
Total Revenues	131,300	0	0	0	0	0	131,300
Expenditure Types							
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
Total Expenditures	131,300	0	0	0	0	0	131,300



CIP 2016 DETAIL BY PROJECT

PUBLIC WORKS

Project Name Walker Avenue Streetscape
Project Number PW04094
Division Priority 30

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

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
Revenue Sources							
General Obligation Bonds	170,000	0	0	0	0	0	170,000
Federal Grants CIP	529,436	0	0	0	0	0	529,436
Total Revenues	699,436	0	0	0	0	0	699,436
Expenditure Types							
Engineering - Architecture	25,000	0	0	0	0	0	25,000
Contract Construction	674,436	0	0	0	0	0	674,439
Total Expenditures	699,436	0	0	0	0	0	699,436



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>
Revenue Sources		
General Obligation Bonds	700,000	0
Total Revenues	700,000	0
Expenditure Types		
Land Acquisition	12,000	
Total Expenditures	700,000	0

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>
Revenue Sources							
General Obligation Bonds	700,000	0	0	0	0	0	700,000
Total Revenues	700,000	0	0	0	0	0	700,000
Expenditure Types							
Engineering - Architecture	700,000	0	0	0	0	0	700,000
Total Expenditures	700,000	0	0	0	0	0	700,000



CIP 2016 DETAIL BY PROJECT

PUBLIC WORKS

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

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

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
Revenue Sources							
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
Total Revenues	1,447,000	0	0	0	0	0	1,447,000
Expenditure Types							
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
Total Expenditures	1,447,000	0	0	0	0	0	1,447,000



CIP 2016 DETAIL BY PROJECT

PUBLIC WORKS

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

	Reprogram	FY 2016
Revenue Sources		
General Obligation Bonds	67,000	0
Federal Grants CIP	265,000	0
Total Revenues	332,000	0
Expenditure Types		
Engineering - Architecture	332,000	0
Contract Construction	0	0
Total Expenditures	332,000	0

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

	Reprogram	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Total
Revenue Sources							
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
Total Revenues	332,000	0	2,699,000	0	0	0	3,031,000
Expenditure Types							
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
Total Expenditures	332,000	0	2,699,000	0	0	0	3,031,000



CIP 2016 DETAIL BY PROJECT

PUBLIC WORKS

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

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

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

	Reprogram	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Total
Revenue Sources							
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
Total Revenues	7,830,000	0	0	0	0	0	7,830,000
Expenditure Types							
Engineering - Architecture	700,000	0	0	0	0	0	700,000
Contract Construction	7,130,000	0	0	0	0	0	7,130,000
Total Expenditures	7,830,000	0	0	0	0	0	7,830,000



CIP 2016 DETAIL BY PROJECT

PUBLIC WORKS

Project Name Chelsea Avenue Greenline
Project Number PW01255
Division Priority 35

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

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
Revenue Sources							
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
Total Revenues	280,882	0	1,200,000	2,000,000	0	0	3,480,882
Expenditure Types							
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
Total Expenditures	280,882	0	1,200,000	2,000,000	0	0	3,480,882



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>
Revenue Sources		
General Obligation Bonds	7,000	0
Federal Grants CIP	22,000	0
Local Other CIP	2,200	0
Total Revenues	31,200	0
Expenditure Types		
Engineering - Architecture	31,200	0
Total Expenditures	31,200	0

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>
Revenue Sources							
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
Total Revenues	31,200	0	0	0	0	0	31,200
Expenditure Types							
Engineering - Architecture	31,200	0	0	0	0	0	31,200
Total Expenditures	31,200	0	0	0	0	0	31,200



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

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



CIP 2016 DETAIL BY PROJECT

PUBLIC WORKS

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

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

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
Revenue Sources							
General Obligation Bonds	2,300,000	0	0	0	0	0	2,300,000
Total Revenues	2,300,000	0	0	0	0	0	2,300,000
Expenditure Types							
Land Acquisition	100,000	0	0	0	0	0	100,000
Contract Construction	2,200,000	0	0	0	0	0	2,200,000
Total Expenditures	2,300,000	0	0	0	0	0	2,300,000



CIP 2016 DETAIL BY PROJECT

PUBLIC WORKS

Project Name Patterson Realignment
 Project Number PW01262
 Division Priority 39

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

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
Revenue Sources							
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
Total Revenues	240,000	2,110,000	0	0	0	0	2,350,000
Expenditure Types							
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
Total Expenditures	240,000	2,110,000	0	0	0	0	2,350,000



CIP 2016 DETAIL BY PROJECT

PUBLIC WORKS

Project Name Sandbrook Realignment
Project Number PW01260
Division Priority 40

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

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
Revenue Sources							
General Obligation Bonds	500,000	0	0	0	0	0	500,000
Total Revenues	500,000	0	0	0	0	0	500,000
Expenditure Types							
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
Total Expenditures	500,000	0	0	0	0	0	500,000



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>
Revenue Sources		
General Obligation Bonds	0	95,000
Total Revenues	0	95,000
Expenditure Types		
Engineering - Architecture	0	95,000
Contract Construction	0	0
Total Expenditures	0	95,000

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>
Revenue Sources							
General Obligation Bonds	0	95,000	0	543,824	0	0	638,824
Total Revenues	0	95,000	0	543,824	0	0	638,824
Expenditure Types							
Engineering - Architecture	0	95,000	0	85,000	0	0	180,000
Contract Construction	0	0	0	458,824	0	0	458,824
Total Expenditures	0	95,000	0	543,824	0	0	638,824



CIP 2016 DETAIL BY PROJECT

PUBLIC WORKS

Project Name Riverdale Relocation
Project Number PW04102
Division Priority 42

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

Project Description / Justification:

Funding to facilitate Neighborhood Improvement relocation to a central location, 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>
Revenue Sources							
General Obligation Bonds	0	600,000	0	0	0	0	600,000
Total Revenues	0	600,000	0	0	0	0	600,000
Expenditure Types							
Contract Construction	0	600,000	0	0	0	0	600,000
Total Expenditures	0	600,000	0	0	0	0	600,000



	<u>Reprogram</u>	<u>FY 2016</u>
Revenue Sources		
General Obligation Bonds	1,190,418	0
Sewer Revenue Bonds	0	0
Federal Grants CIP	6,731,800	0
Federal Grants Other	0	0
State Grants All	0	0
Local Shared CIP	0	0
Local Other CIP	0	0
Operating Transfers In	0	0
Capital PAY GO	0	0
Net Income and Investors	0	0
Other Grant Revenue	0	0
Total Revenues	<u>7,922,218</u>	<u>0</u>
Expenditure Types		
Contract Construction	7,922,218	0
Total Expenditures	<u>7,922,218</u>	<u>0</u>

	Reprogram	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Total
Revenue Sources							
General Obligation Bonds	1,190,418	0	0	0	0	0	1,190,418
Federal Grants Other	6,731,800	0	0	0	0	0	6,731,800
Total Revenues	7,922,218	0	0	0	0	0	7,922,218
Expenditure Types							
Contract Construction	7,922,218	0	0	0	0	0	7,922,218
Total Expenditures	7,922,218	0	0	0	0	0	7,922,218

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
Total		7,922,218	0	0	0	0	0	7,922,218



Project Name Cobblestone Landing
 Project Number GA01004
 Division Priority 1

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

Project Description / Justification:

This project restores the historic Cobblestone Landing and makes accessibility improvements. The federal funding shown represents an increase from the previous grants, which have been spread over several fiscal yers.

Operating Budget Impact:

None

	Reprogram	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Total
Revenue Sources							
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
Total Revenues	7,022,218	0	0	0	0	0	7,022,218
Expenditure Types							
Contract Construction	7,022,218	0	0	0	0	0	7,022,218
Total Expenditures	7,022,218	0	0	0	0	0	7,022,218

CIP 2016 DETAIL BY PROJECT

RIVERFRONT DEVELOPMENT

Project Name Water Taxi System
Project Number GA01019
Division Priority 2

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

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





	<u>Reprogram</u>	<u>FY 2016</u>
Revenue Sources		
General Obligation Bonds	0	0
Sewer Revenue Bonds	98,359,465	0
Federal Grants CIP	0	0
Federal Grants Other	0	0
State Grants All	0	0
Local Shared CIP	0	0
Local Other CIP	0	0
Operating Transfers In	0	0
Capital PAY GO	110,486,280	103,100,000
Net Income and Investors	0	0
Other Grant Revenue	908,192	0
Total Revenues	<u>209,753,937</u>	<u>103,100,000</u>

Expenditure Types		
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
Total Expenditures	<u>209,753,937</u>	<u>103,100,000</u>

	Reprogram	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Total
Revenue Sources							
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	110,486,280	103,100,000	46,750,000	40,300,000	41,200,000	39,200,000	381,036,280
Total Revenues	209,753,937	103,100,000	46,750,000	53,205,000	53,905,000	51,030,000	517,743,937
Expenditure Types							
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
Total Expenditures	209,753,937	103,100,000	46,750,000	53,205,000	53,905,000	51,030,000	517,743,937

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
2	SW05001	Sewer Assessment and 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
6	SW04007	Environmental Maint 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
8	SW03001	Service To Unsewered 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
Total			209,753,937	103,100,000	46,750,000	53,205,000	53,905,000	51,030,000	517,743,937



CIP 2016 DETAIL BY PROJECT

SEWER FUND

Project Name Rehab Existing Sewers
Project Number SW02001
Division Priority 1

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

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
Revenue Sources							
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
Total Revenues	18,151,545	20,000,000	8,000,000	10,500,000	10,500,000	10,500,000	77,651,545
Expenditure Types							
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
Total Expenditures	18,151,545	20,000,000	8,000,000	10,500,000	10,500,000	10,500,000	77,651,545



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>
Revenue Sources		
Capital PAY GO	34,959,567	20,000,000
Total Revenues	<u>34,959,567</u>	<u>20,000,000</u>
Expenditure Types		
Engineering - Architecture	28,959,567	20,000,000
Contract Construction	6,000,000	0
Total Expenditures	<u>34,959,567</u>	<u>20,000,000</u>

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>
Revenue Sources							
Capital PAY GO	34,959,567	20,000,000	30,000,000	30,000,000	30,000,000	30,000,000	174,959,567
Total Revenues	<u>34,959,567</u>	<u>20,000,000</u>	<u>30,000,000</u>	<u>30,000,000</u>	<u>30,000,000</u>	<u>30,000,000</u>	<u>174,959,567</u>
Expenditure Types							
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
Total Expenditures	<u>34,959,567</u>	<u>20,000,000</u>	<u>30,000,000</u>	<u>30,000,000</u>	<u>30,000,000</u>	<u>30,000,000</u>	<u>174,959,567</u>



CIP 2016 DETAIL BY PROJECT

SEWER FUND

Project Name Covered Anaerobic Lagoon
 Project Number SW02011
 Division Priority 3

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

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
Revenue Sources							
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
Total Revenues	18,187,816	8,500,000	2,200,000	2,200,000	2,200,000	2,200,000	35,487,816
Expenditure Types							
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
Total Expenditures	18,187,816	8,500,000	2,200,000	2,200,000	2,200,000	2,200,000	35,487,816



CIP 2016 DETAIL BY PROJECT

SEWER FUND

Project Name South Plant Expansion
Project Number SW02033
Division Priority 4

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

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

	<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>
Revenue Sources							
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
Total Revenues	<u>54,219,962</u>	<u>50,000,000</u>	<u>2,500,000</u>	<u>4,500,000</u>	<u>4,500,000</u>	<u>2,500,000</u>	<u>118,219,962</u>
Expenditure Types							
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
Total Expenditures	<u>54,219,962</u>	<u>50,000,000</u>	<u>2,500,000</u>	<u>4,500,000</u>	<u>4,500,000</u>	<u>2,500,000</u>	<u>118,219,962</u>



CIP 2016 DETAIL BY PROJECT

SEWER FUND

Project Name Stiles Plant Modification
 Project Number SW04009
 Division Priority 5

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

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
Revenue Sources							
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
Total Revenues	17,835,550	2,500,000	2,500,000	2,500,000	4,500,000	4,500,000	34,335,550
Expenditure Types							
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
Total Expenditures	17,835,550	2,500,000	2,500,000	2,500,000	4,500,000	4,500,000	34,335,550



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

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>
Revenue Sources							
Capital PAY GO	8,000,000	2,100,000	0	0	0	0	10,100,000
Total Revenues	<u>8,000,000</u>	<u>2,100,000</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>10,100,000</u>
Expenditure Types							
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
Total Expenditures	<u>8,000,000</u>	<u>2,100,000</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>10,100,000</u>



CIP 2016 DETAIL BY PROJECT

SEWER FUND

Project Name Wolf River Interceptor
 Project Number SW04004
 Division Priority 7

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

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
Revenue Sources							
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
Total Revenues	25,278,344	0	1,050,000	1,100,000	0	0	27,428,344
Expenditure Types							
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
Total Expenditures	25,278,344	0	1,050,000	1,100,000	0	0	27,428,344



CIP 2016 DETAIL BY PROJECT

SEWER FUND

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

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

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
Revenue Sources							
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
Total Revenues	6,034,886	0	0	630,000	630,000	630,000	7,924,886
Expenditure Types							
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
Total Expenditures	6,034,886	0	0	630,000	630,000	630,000	7,924,886



CIP 2016 DETAIL BY PROJECT

SEWER FUND

Project Name Misc Subdivision Outfalls
Project Number SW01001
Division Priority 9

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

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
Revenue Sources							
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
Total Revenues	20,036,001	0	0	1,075,000	1,075,000	0	22,186,001
Expenditure Types							
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
Total Expenditures	20,036,001	0	0	1,075,000	1,075,000	0	22,186,001



CIP 2016 DETAIL BY PROJECT

SEWER FUND

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

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

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
Revenue Sources							
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
Total Revenues	7,050,266	0	500,000	700,000	500,000	700,000	9,450,266
Expenditure Types							
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
Total Expenditures	7,050,266	0	500,000	700,000	500,000	700,000	9,450,266





	<u>Reprogram</u>	<u>FY 2016</u>
Revenue Sources		
General Obligation Bonds	117,681,817	300,000
Sewer Revenue Bonds	0	0
Federal Grants CIP	0	0
Federal Grants Other	0	0
State Grants All	0	0
Local Shared CIP	0	0
Local Other CIP	0	0
Operating Transfers In	0	0
Capital PAY GO	0	0
Net Income and Investors	0	0
Other Grant Revenue	0	0
Total Revenues	<u>117,681,817</u>	<u>300,000</u>

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

	Reprogram	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Total
Revenue Sources							
General Obligation Bonds	117,681,817	300,000	650,000	900,000	1,400,000	1,350,000	122,281,817
Total Revenues	117,681,817	300,000	650,000	900,000	1,400,000	1,350,000	122,281,817
Expenditure Types							
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
Total Expenditures	117,681,817	300,000	650,000	900,000	1,400,000	1,350,000	122,281,817

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
Total			117,681,817	300,000	650,000	900,000	1,400,000	1,350,000	122,281,817



CIP 2016 DETAIL BY PROJECT

STORM WATER

Project Name Drainage - ST
 Project Number ST03006
 Division Priority 1

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

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

	<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>
Revenue Sources							
General Obligation Bonds	39,804,088	0	0	0	0	0	39,804,088
Total Revenues	39,804,088	0	0	0	0	0	39,804,088
Expenditure Types							
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
Total Expenditures	39,804,088	0	0	0	0	0	39,084,088



CIP 2016 DETAIL BY PROJECT

STORM WATER

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

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

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
Revenue Sources							
General Obligation Bonds	28,002,839	0	0	0	0	0	28,002,839
Total Revenues	28,002,839	0	0	0	0	0	28,002,839
Expenditure Types							
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
Total Expenditures	28,002,839	0	0	0	0	0	28,002,839



CIP 2016 DETAIL BY PROJECT

STORM WATER

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

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

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

	<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>
Revenue Sources							
General Obligation Bonds	1,991,987	0	50,000	50,000	50,000	0	2,141,987
Total Revenues	1,991,987	0	50,000	50,000	50,000	0	2,141,987
Expenditure Types							
Engineering - Architecture	1,991,987	0	50,000	50,000	50,000	0	2,141,987
Total Expenditures	1,991,987	0	50,000	50,000	50,000	0	2,141,987



CIP 2016 DETAIL BY PROJECT

STORM WATER

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

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

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
Revenue Sources							
General Obligation Bonds	4,680,616	0	0	0	0	0	4,680,616
Total Revenues	4,680,616	0	0	0	0	0	4,680,616
Expenditure Types							
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
Total Expenditures	4,680,616	0	0	0	0	0	4,680,616



CIP 2016 DETAIL BY PROJECT

STORM WATER

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

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

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

	Reprogram	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Total
Revenue Sources							
General Obligation Bonds	8,311,516	300,000	600,000	600,000	1,100,000	1,100,000	12,011,516
Total Revenues	8,311,516	300,000	600,000	600,000	1,100,000	1,100,000	12,011,516
Expenditure Types							
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
Total Expenditures	8,311,516	300,000	600,000	600,000	1,100,000	1,100,000	12,011,516



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>
Revenue Sources		
General Obligation Bonds	12,250,000	0
Total Revenues	12,250,000	0
Expenditure Types		
Engineering - Architecture	1,850,000	0
Contract Construction	10,400,000	0
Total Expenditures	12,250,000	0

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>
Revenue Sources							
General Obligation Bonds	12,250,000	0	0	250,000	250,000	250,000	13,000,000
Total Revenues	12,250,000	0	0	250,000	250,000	250,000	13,000,000
Expenditure Types							
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
Total Expenditures	12,250,000	0	0	250,000	250,000	250,000	13,000,000



CIP 2016 DETAIL BY PROJECT

STORM WATER

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

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

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
Revenue Sources							
General Obligation Bonds	5,813,348	0	0	0	0	0	5,813,348
Total Revenues	5,813,348	0	0	0	0	0	5,813,348
Expenditure Types							
Engineering - Architecture	61,510	0	0	0	0	0	61,510
Contract Construction	5,751,838	0	0	0	0	0	5,751,838
Total Expenditures	5,813,348	0	0	0	0	0	5,813,348



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>
Revenue Sources		
General Obligation Bonds	8,836,168	0
Total Revenues	8,836,168	0
Expenditure Types		
Engineering - Architecture	543,271	0
Contract Construction	8,292,897	0
Total Expenditures	8,836,168	0

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>
Revenue Sources							
General Obligation Bonds	8,836,168	0	0	0	0	0	8,836,168
Total Revenues	8,836,168	0	0	0	0	0	8,836,168
Expenditure Types							
Engineering - Architecture	543,271	0	0	0	0	0	543,271
Contract Construction	8,292,897	0	0	0	0	0	8,292,897
Total Expenditures	8,836,168	0	0	0	0	0	8,836,168



CIP 2016 DETAIL BY PROJECT

STORM WATER

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

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

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 begin 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
Revenue Sources							
General Obligation Bonds	6,138,960	0	0	0	0	0	6,138,960
Total Revenues	6,138,960	0	0	0	0	0	6,138,960
Expenditure Types							
Engineering - Architecture	638,960	0	0	0	0	0	638,960
Land Acquisition	500,000	0	0	0	0	0	500,000
Contract Construction	5,000,000	0	0	0	0	0	5,000,000
Total Expenditures	6,138,960	0	0	0	0	0	6,138,960



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>
Revenue Sources		
General Obligation Bonds	852,295	0
Total Revenues	852,295	0
Expenditure Types		
Engineering - Architecture	452,295	0
Contract Construction	400,000	0
Total Expenditures	852,295	0

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>
Revenue Sources							
General Obligation Bonds	852,295	0	0	0	0	0	852,295
Total Revenues	852,295	0	0	0	0	0	852,295
Expenditure Types							
Engineering - Architecture	452,295	0	0	0	0	0	452,295
Contract Construction	400,000	0	0	0	0	0	400,000
Total Expenditures	852,295	0	0	0	0	0	852,295



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>
Revenue Sources		
General Obligation Bonds	1,000,000	0
Total Revenues	1,000,000	0
Expenditure Types		
Engineering - Architecture	149,000	0
Contract Construction	851,000	0
Total Expenditures	1,000,000	0

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>
Revenue Sources							
General Obligation Bonds	1,000,000	0	0	0	0	0	1,000,000
Total Revenues	1,000,000	0	0	0	0	0	1,000,000
Expenditure Types							
Engineering - Architecture	149,000	0	0	0	0	0	149,000
Contract Construction	851,000	0	0	0	0	0	851,000
Total Expenditures	1,000,000	0	0	0	0	0	1,000,000

