CITY OF ST. LOUIS, MISSOURI

CAPITAL IMPROVEMENTS PLAN

FISCAL YEARS 2016 – 2020

As Adopted
June 26, 2015

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Darlene Green, Comptroller
Lewis E. Reed, President - Board of Aldermen

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INTRODUCTION TO CAPITAL IMPROVEMENTS PLAN

Overview

The 2016-2020 Capital Improvements Plan identifies the projects funded in FY2016 through the Capital Budget and the projects tentatively scheduled for the following four years. Projects included in the Capital Improvements Plan from 2016 to 2020 have an estimated cost of $280 million. The projects will be funded through a combination of local, state, and federal sources.

Projects included in the Capital Improvements Plan have been grouped into three major categories. These categories are road and bridge improvements, neighborhood stabilization projects, and facility improvements and equipment replacement. A description of each project is presented in this report under the appropriate category heading.

This report also includes the Capital Budget for fiscal year 2016. The FY2016 Capital Budget funds the first year of this Capital Improvements Plan. Funding requirements for the other fiscal years are estimates and will be reviewed annually as part of the Capital budgeting process.

Information in this report is presented in the following format:

- *Section I: Introduction to Capital Improvements Plan* - This section presents an overview of the capital improvement program, the planning process, and highlights of the program.
- *Section II: Five Year Summary* - A summary of projects planned for the next five years and funding sources are included in this section.
- *Section III: Project Detail* - This section includes a detailed description of each project planned for the next five years. Projects have been grouped into three categories -- road and bridge improvements, neighborhood stabilization, and facility improvement and equipment replacement.

- *Section IV: FY2016 Capital Improvements Budget* - This section includes the Capital Improvements Budget for FY2016. The Capital Committee has recommended a Budget for FY2016 of $43.8 million. The five major areas of capital improvement spending are citywide, major parks, recreation centers, police department, and ward improvements.

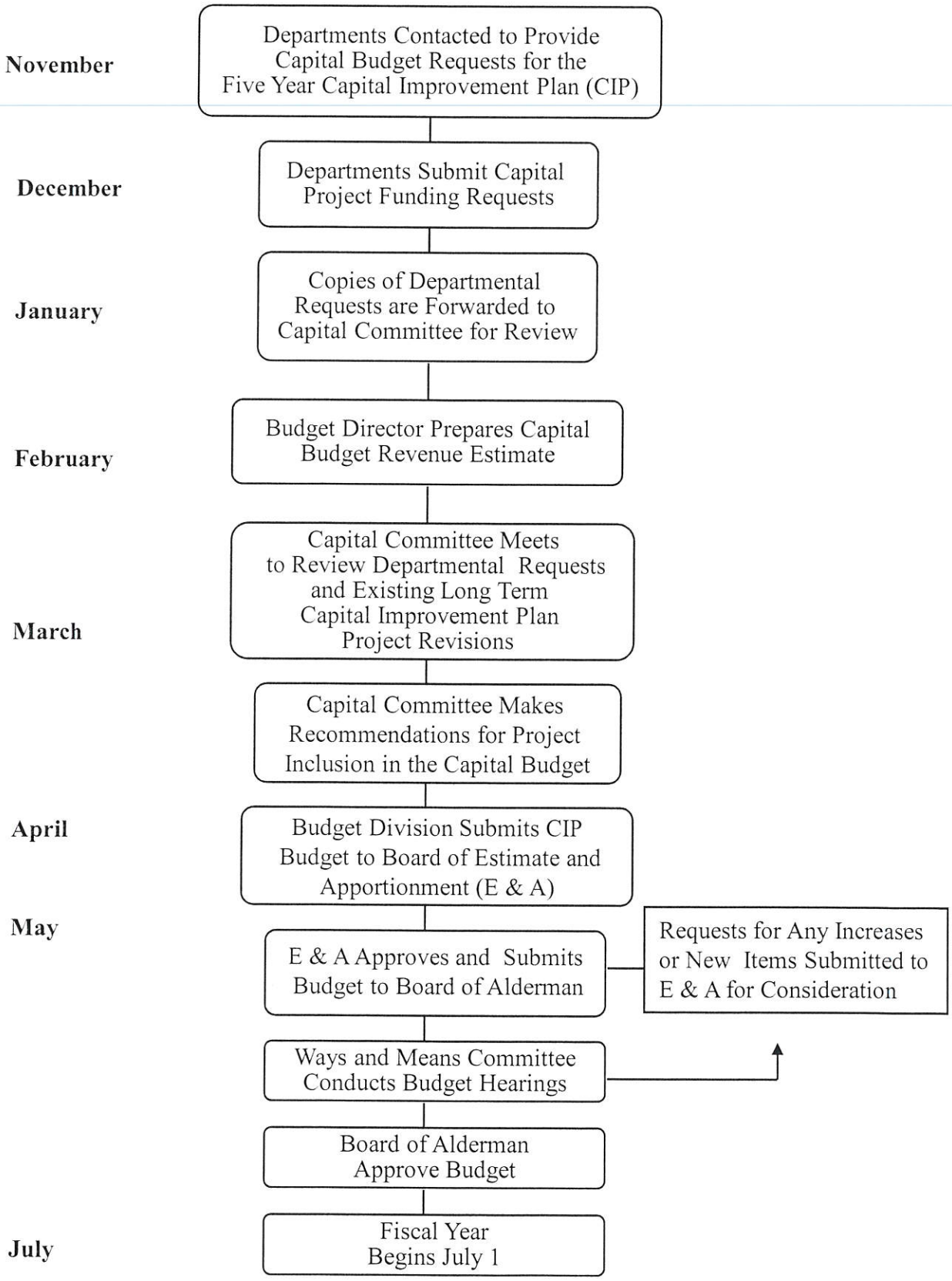
The ordinances relating to the capital improvement program are included in the appendix.

Capital Planning Process

To address the City's pressing capital infrastructure and equipment needs, the City of St. Louis established capital planning policies and the Capital Fund in 1989. City ordinances require the Budget Division, together with the Capital Committee, to develop a five-year capital improvement plan (CIP) annually. Each year, a Capital Budget must be prepared based on the first year of the CIP. Both the CIP and Capital Budget must be submitted by the Budget Division to the Board of Estimate and Apportionment and Board of Aldermen for approval. The CIP and Capital Budget are submitted in the same manner and time as the general operating budget of the City.

The Capital Committee is responsible for the assessment and review of capital needs and must develop and recommend the CIP and Capital Budget. As established by ordinance, the Capital Committee consists of the following members: the Budget Director, who serves as Chairman, the Community Development Agency Director, the President of the Board of Public Service, the President of the Board of Aldermen (or his designee), one other Alderman appointed by the President of the Board of Aldermen, the Comptroller (or his/her designee), one other person from the Comptroller's Office, the Mayor (or his designee), and the Chairman of the Ways and Means Committee.

Capital Improvement Plan (CIP) Budget Process

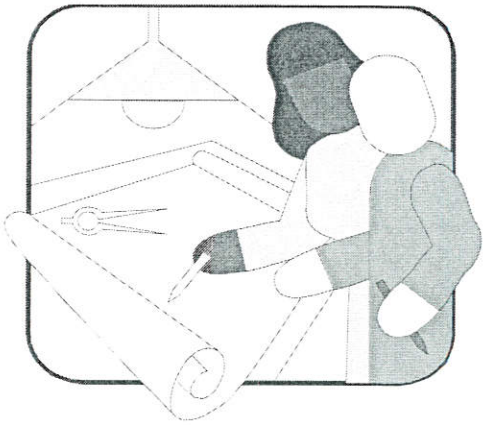


The Capital Committee selects and prioritizes capital projects using established criteria. The following criteria are used to evaluate projects:

- Capital improvements that will foster St. Louis' goal of preserving and improving municipal buildings and other assets;
- Capital improvements that will foster St. Louis' goal of fiscal stability and soundness;
- Capital improvements that will foster St. Louis' goal of preserving its infrastructure and heritage;
- Projects that reduce the cost of operations or energy consumption; and
- Projects that promote operational safety.

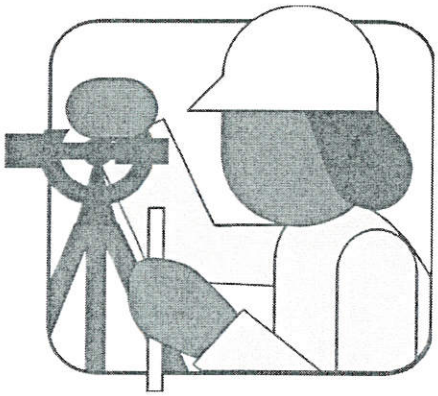
In January 1994, the Capital Committee adopted additional selection criteria. Projects are evaluated and funding recommendations are made according to the following priorities:

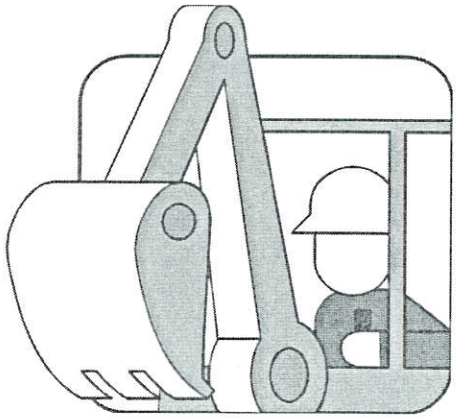
1) Required payment for existing debt service
2) Local match amounts for bridge improvements
3) Funding for State and Federal mandates, including underground storage tank removal, ADA compliance, asbestos and lead paint abatement
4) Ongoing replacements necessary for City operation.



Accomplishments (FY1989-FY2015)

Since the establishment of the Capital Fund in 1989, the City has successfully begun the process of restoring and improving its capital assets. In August 1993, voters passed a ½ cent sales tax dedicated to capital improvement projects. This new source of revenue has greatly enhanced the City's ability to meet its capital needs. Major accomplishments of St. Louis' capital improvement program follow.





Bridges and Street Reconstruction

Beginning in FY1995, the Capital Committee adopted a policy of giving a high priority to the leveraging of federal funds available for bridge and street reconstruction. Since that time several bridges have been replaced, including the Truman Parkway (Phase I) South Kingshighway, Arsenal Street, Morganford, Natural Bridge, Lansdowne and Alabama bridges. Additionally, funding has been identified and appropriated for other bridges and street projects. Since 1995, the Capital Budget has provided over $52.58 million for these programs. In addition to funds from the Capital Budget the General Obligation Bonds (G.O. Bonds) and the Capital Appreciation Bonds (CABs) have also provided funding for various projects. Since 2005 the G.O. Bonds have provided over $4.01 million for Bridge and Street Reconstruction and CABs have provided over $10.55 million for those projects. In FY2009 the Financed Facility & Infrastructure Projects Debt Service provided $3.2 million for Road & Bridge Projects.

Following is a listing of the various projects funded and their expected completion dates:

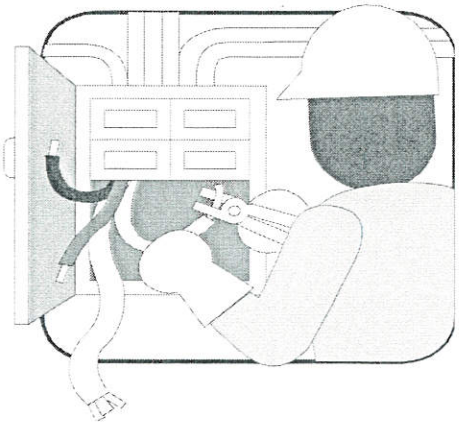
BICYCLE/PEDESTRIAN PROJECTS	ESTIMATED COMPLETION
Broadway-Soulard Bike Path	Complete
Goodfellow Bike Path	Complete
Lindell Blvd. Bike Path	Complete
North Riverfront Bike Path	Complete

BRIDGE PROJECTS	ESTIMATED COMPLETION
Natural Bridge Ave. Viaduct	Complete
Arsenal St. & Brannon	Complete
Morganford & Fairview	Complete
Southwest Ave. Bridge	Complete
Jefferson Ave. Viaduct	Pending
Chouteau & Vandeventer Viaduct	Complete
Columbia Avenue at Southwest	Pending
Delmar Bridge over MetroLink	Pending
Grand Avenue over Mill Creek	Pending
Lansdowne Ave Bridge over River des Peres	Complete
Riverview Bridge over Mailine Creek	Pending
Wellington Court over River des Peres	Pending
River des Peres Bridge at McKenzie Creek	Pending
Compton Bridge at Chouteau	Pending
Kingshighway Bridge at Shaw	Pending

STREET RECONSTRUCTION PROJECTS	ESTIMATED COMPLETION
McRee Ave.	Complete
Kingshighway (I-70 to Martin Luther King)	Complete
Broadway & 7th Street Medians	Complete
North & South Broadway	Complete
Forest Park Parkway	Pending
North Grand	Pending
Dr. M.L. King Drive	Pending
Delor Ave.	Pending
Goodfellow Ave.	Pending
Riverview Blvd.	Pending
7th Street Reconstruction	Pending

Street Lighting Enhancement

A program to increase the amount of wattage provided by city streetlights was completed in FY1998 at a total cost of $1.75 million. The program consisted of effectively doubling the wattage in certain heavily used



areas. Wattage was increased from 70 to 150 and from 150 to 300 watts respectively. Areas singled out for the enhancement program were schools, recreation centers, churches and neighborhood parks. Additionally, since FY1995 aldermen have budgeted approximately $3.42 million in Ward Capital funds for the lighting enhancement program in specified areas.

Parks

Infrastructure repairs in the six major parks have been completed and several other repair projects are on going. Since 1995, the Capital Budget has provided $77.44 million to this program. Examples of the improvements in the major parks are as follows:

Carondelet
- Curb and sidewalk replacement
- Sidewalk and stair renovation at the Carondelet boathouse
- Reconstruction of park roadways
- Athletic field upgrades & tennis court construction
- Picnic tables replacement
- Horseshoe Lake renovation
- Pavilion repairs
- ADA upgrade to comfort stations

Fairground
- Sidewalk and curb replacement
- Skating rink construction
- Repair of Footbridges
- Reconstruction of park roadways
- Athletic field upgrades

Forest Park
- Reconstruction of park roadways
- Repair of maintenance buildings
- Linear – Connected Waterway System
- Athletic fields renovation
- Design of projects for implementation of the Forest Park Master Plan
- ADA compliance at comfort stations
- Skating rink renovations

Tower Grove
- Resurfacing of roads and sidewalks
- Comfort station renovations
- Renovations of pavilions & shelters
- Bridge repairs

	• Enhanced lighting
	• Tennis Courts Repairs
O'Fallon	• Boathouse renovation
	• Reconstruction of park roadways
	• Construction of picnic shelters
Willmore	• Resurfacing of park roadways
	• Playground construction
	• Bicycle trail resurfacing
	• Replacement of lake walls
	• ADA upgrade to comfort station
	• Tennis court reconstruction

Major Equipment

Since 1995, the Capital Budget has provided $63.75 million for the replacement of computers, telecommunications, traffic control and rolling stock equipment used for City operations. In addition to funds from the Capital Budget the General Obligation Bonds (G.O. Bonds) and the Capital Appreciation Bonds (CABs) have also provided funding for various projects. Since 2005, the G.O. Bonds have provided $4.0 million for Radio Communication Interoperability Equipment and CABs have provided over $1.4 million for Rolling Stock Debt Service.

Flood Protection

The City in recent years experienced problems with flooding of both the Mississippi River and River des Peres. The Capital Budget in 1995 began funding of a program to help in the control of this problem. The Capital Budget has provided over $2.4 million to this effort and will continue in the upcoming years. In 2006 the G.O. Bonds provided $2.0 million in matching funds for the River Front Flood Control Systems.

Recreation Facilities

Many improvements have been made at the City's recreation centers. Capital improvement projects have focused mainly on exterior repairs, such as replacing roofs and doors. Renovations designed to bring the recreation centers into compliance with ADA are currently underway. Funding has also been provided for window replacement at Tandy Recreation Center air conditioning at Cherokee Recreation Center and interior renovations at Buder Recreation Center. In FY2009 the City began the process of constructing two new "state of the art" Recreation Centers, one located North and the one located South, which has since opened. Since 1995, the Capital budget has provided $8.58 million to recreation center improvements.

Municipal Facilities

City owned buildings have been repaired, expanded and constructed under the capital improvement program. Completion of a 224-unit addition to the Medium Security Institution occurred in FY1997. The final phase of a $42.0 million renovation is completed at the Civil Courts Building and the new Justice Center construction project at $98.0 million was completed in FY2003. In 2009 the City began to occupy the 1520 Market Street Building and has relocated a number of City Departments to this newer facility. Other facilities improvements include roof replacement at the Medium Security Institution, Municipal Courts Building and Soldier's Memorial and elevator repair at City Hall. Major renovations are almost completed at many of the City's firehouses, funded through a Public Safety Bond Issue. These improvements will reduce the reliance on the Capital fund for these types of activities. Since 1995, the capital budget has provided over $268.23 million for municipal facilities. Since 2005, the CABs Bonds have provided over $11.47 million for Municipal Facilities Debt Service or Repairs/Renovations. In FY2009 the Facility & Infrastructure Debt Service provided $23.38 million for Facilities Renovation Projects.

Federal Mandates

The City has made progress toward complying with several Federal and State mandates. These mandates include compliance with the Americans with Disabilities Act, EPA regulations on underground storage tanks, and asbestos and lead paint abatement. Since 1995, the capital budget has provided $5.06 million to this program. In FY2009 the Facility & Infrastructure Projects Debt Service provided $50,000 for Federal Mandated Projects. Funding for treatment of underground storage tanks sites and other Federal Mandates will require $600,000, in the next five years.

Police Area Command Stations

Since the passage of the ½ cent sales tax, the debt service on the area command Police stations has been paid from the Capital Improvement Fund. Three area command Police stations, opened in FY90, replaced eight outmoded district stations, as well as the Fourth District. The consolidation was designed to improve the deployment of personnel and overall effectiveness of the Police Department. The Police Department has also been able to fund capital improvement projects, such as repairs to the headquarters building, from the Capital Improvement Fund. Since 1995 the capital budget has provided over $32.45 million for both the debt service and other improvements. Funds available after payment of debt service costs on the area command stations were used to construct a prisoner processing area in the new Justice Center. In addition, the Public Safety Bond Issue is the source of funds for many renovations at Police Headquarters and in addition a new Police Laboratory which was completed in the Spring of 2005. The Capital Budget, in addition to Debt Service, funds a new Microwave Communication System Lease and additional equipment.

Warning Siren System

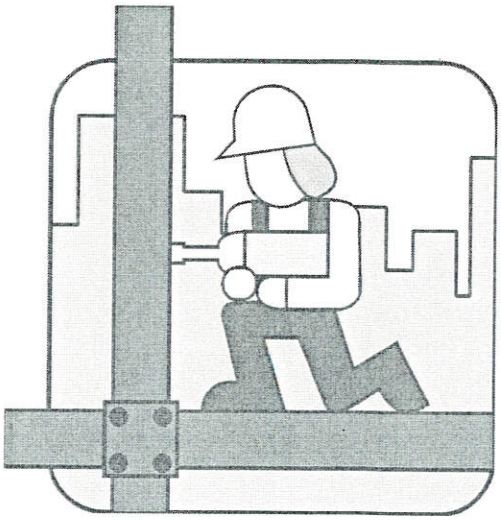
In response to the public safety hazard presented by the City's emergency warning siren system which was outdated and inoperable, the FY99 capital budget provided $2.5 million to replace the existing system with a new state-of-the-art warning siren system. Installation of the new sirens was completed in FY2000.

The Next Five Years

During the next five years, the City of St. Louis will continue to invest in its infrastructure. The five-year plan includes about $280 million in capital projects. Major capital improvement projects that will be funded from FY2016 to FY2020 are described below.

Bridges

The City will continue to fund its local match to receive the maximum amount of Federal funds available for bridge replacement under the TEA-21 program. Bridges scheduled for planning and replacement over the next five years include Wellington Rd., Grand, Columbia Ave., Kingshighway, Compton, Forest Park Parkway and North Tucker Viaduct. The CIP provides $19.80 million over the next five years for matching funds under the TEA-21 program. The CIP also includes $2.0 million in local funding to resurface and repair several bridges over the next five years.

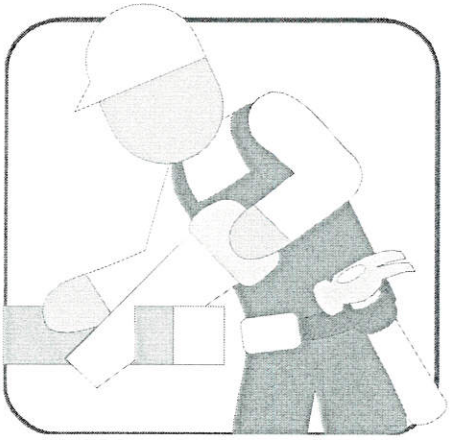


Street Repair and Enhancement

A variety of street improvement projects are funded in the CIP and will receive Federal TEA-21 funds. They include Kingshighway Memorial Blvd. and 7th Street, also traffic signal interconnect upgrades to Market Street, Olive / Lindell, Vandeventer and West Florissant. In addition, the Traffic Signal Detection project will allow operators of Fire Trucks and Ambulances to remotely control traffic signals at busy intersections to allow for quicker and safer passage of emergency vehicles. The capital budget provides $.50 million in matching funds for those projects. The CIP also includes $4.0 million for Arterial Street resurfacing over the next five years using all local funds.

Parks

Capital improvements will continue in the six major parks -- Forest Park, Tower Grove, Carondelet, Fairgrounds, O'Fallon, and Willmore. From FY2016 to FY2020, the City will receive about $15.35 million from the ½ Cent Capital Improvement Sales. The Metro Parks 1/10 Cent Sales Tax and the newly pasted 3/16 Cent Metro Parks Sales Tax, the Major Parks will receive an additional $8.48 million for the five year period. All of these funds will be used to fund the debt service on the $26.0 million 2014 Parks Bond Issue, for renovations in the Major Parks. In addition both Metro Parks Sales Taxes will also provide approximately $12.73 million in funds for improvements in the Neighborhood Parks and fund their portion of the 2014 Parks Bond Issue for the five-year period. The $80 million plan for the restoration of Forest Park is being funded from proceeds of a bond issue financed with Capital Funds dedicated to Forest Park. Separate Master Planning efforts for improvements in both O'Fallon and Fairgrounds Parks have been initiated and will serve as the guide for future capital projects in those two parks. Revenue from a lease agreement with Barnes-Jewish Hospital will provide funding for Projects in Forest Park and other City Parks & Facilities.



Recreation Facilities

Nearly $2.71 million in capital improvements are planned for the City's recreation centers over the next five years. Improvements are planned for the following recreation centers: Buder and Soulard Recreation Centers. Capital projects range from tuck- pointing to increasing access to the centers for persons with disabilities, as well HVAC renovations and window & door replacement. The City saw the completion and opening of the City's newest recreation facility in O'Fallon Park in the current fiscal year. Operated by the YMCA in conjunction with the Boys and Girls Club of America, this new recreation facility on the City's north side joins a similar south side facility completed a few years earlier in providing City residents and visitors with an array of new recreational opportunities in state of the art facilities. Both projects were made possible through the 1/8 cent sales tax for local parks funds which provides the funds for financing the debt issued to build the centers as well as

funding for operating subsidies of the privately run facilities. In early April 2013, both St. Louis City and County voters approved a new 3/16 cent sales tax for parks and trails improvements. Sixty percent of the local proceeds of the new tax will be allocated to the separate Metropolitan Park and Recreation District for Gateway Arch grounds and other regional park and trail improvements while the remaining forty percent will be allocated to improvements in the City's regional and neighborhood parks. The effective date of the new tax was October 1, 2013 and is projected to generate $2.4M in capital funds for local park improvements in FY2016.

Municipal Facilities

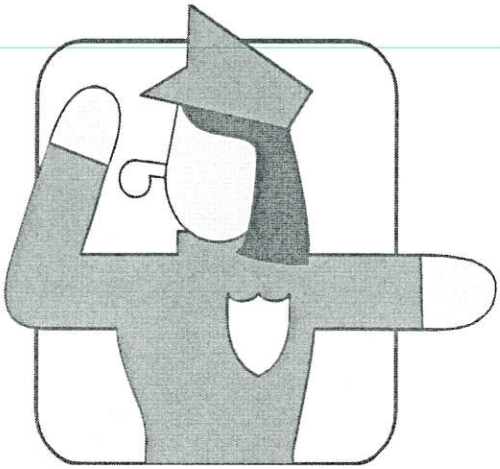
Over the next five years, the Capital Budget will provide nearly $71.42 million for debt service to finance the construction and renovations of City facilities. Major projects that have been funded over the years include the Justice Center, the Civil Courts Building, the Gateway Transportation Center (Multimodal Facility), the Carnahan Courthouse, Juvenile Detention Center and 1520 Market Street (Abram) Complex. In addition to debt service funding, $6.29 million in local funding for renovation work is planned, improvements include repairs at City Hall, Municipal Garage, Soulard Market, Soldiers' Memorial and other City facilities. In addition, about $23.97 million is planned to be spent on replacing rolling stock, computer equipment and facility renovations. Other than funds budgeted for direct repairs most of these improvements have been funded through the use of minor lease debt issues.

Federal Mandates

The City will continue to make capital improvements to comply with Federal mandates. The City has completed the removal of underground storage tanks, however, additional funding is required for testing and abatement of areas around former tank locations. Improvements to comply with the Americans with Disabilities Act and for asbestos and lead paint abatement in City facilities are funded over the next five years. The City has budgeted $600,000 for these mandates.

Police Department

A portion of the sales tax revenues dedicated to the Police Department will be used to assist in paying off the Justice Center debt. Retirement of the Area Command Stations debt will allow for additional sales tax proceeds to be dedicated to the Justice Center debt payments and Police Department Improvements that were not covered by the Public Safety Bond Issue. Over the next five years, the Capital Budget will provide $6.95 million for Police debt service and additional equipment



Flood Protection

After the experience of the 1993 and 1995 floods, the City began planning for a possible recurrence. In the past four years the Capital Budget provided funding for a study and first phase of construction for flood protection along River des Peres. In FY 2007, the G.O. Bond Issue provided $2.0 million for matching funds for the implementation of the flood protection plan for the Mississippi River in conjunction with MSD and the Corp of Engineers.

Public Safety Communications Systems Interoperability

After the events of 9/11 the City began planning for improvements for the communications between the various Public Safety Departments. In FY2007 the G.O. Bond Issue provided $4.0 million for implementation of the needed systems to improve Communications between the Police Department, Fire & EMS Department and other City & State Departments during an emergency. That funding provided for the leveraging of other State and Federal monies for the completion of the needed systems. Over the next five years the Capital Budget will provide $400,000 for the Microwave Communications Systems debt service for the Police Department radio equipment.

FY 2016-2020 SUMMARY

SUMMARY OF PROJECTS

The Capital Improvements Plan identifies the projects funded in the FY2016 capital budget and those projects scheduled for the next four years. Projects included in the Capital Improvements Plan (CIP) have a projected cost of $280 million and will be funded through a combination of local, state and federal sources. Over the five-year period, approximately $229 million in City funds will be appropriated to pay for the projects. This amount includes outright purchases as well as debt service payments, and in the case of road and bridge projects, the City's local matching share of the total cost.

The projected appropriations are summarized in Table 1. A detailed description for each project is included in the following sections.

TABLE I
CAPITAL IMPROVEMENTS PLAN
USE OF FUNDS

		FY2016	FY2017	FY2018	FY2019	FY2020
ROAD AND BRIDGE PROJECTS						
ARTERIAL STREET RESURFACING		0	1,000,000	1,000,000	1,000,000	1,000,000
BRIDGE REPAIR/RESURFACING		0	500,000	500,000	500,000	500,000
BRIDGE RECONSTRUCT/REPLACEMENT (ISTEA)		0	6,000,000	3,500,000	4,100,000	6,200,000
EQUIPMENT REPLACEMENT (ISTEA)		0	1,230,000	550,000	0	0
STREET RECONSTRUCTION (ISTEA)		0	280,000	220,000	0	0
ROAD AND BRIDGE PROJECTS	**Total**	**$0**	**$9,010,000**	**$5,770,000**	**$5,600,000**	**$7,700,000**
NEIGHBORHOOD STABILIZATION PROJECTS						
MAJOR PARKS IMPROVEMENTS (1/2 CENT & METRO & GRANTS)		6,779,147	5,851,015	5,860,015	5,869,015	5,853,415
POLICE DEPARTMENT IMPROVEMENTS		1,945,000	1,622,000	1,624,000	1,706,000	1,789,000
METRO PARKS - (NEIGHBORHOOD PARKS)		2,390,453	1,200,000	1,200,000	1,250,000	1,250,000
RECREATION CENTER IMPROVEMENTS		583,000	150,000	150,000	200,000	50,000
WARD IMPROVEMENT PROJECTS		9,575,000	8,362,500	8,407,000	8,500,000	8,500,000
NEIGHBORHOOD STABILIZATION PROJECTS	**Total**	**$21,272,600**	**$17,185,515**	**$17,241,015**	**$17,525,015**	**$17,442,415**
FACILITY IMPROVEMENTS AND EQUIPMENT REPLACEMENT						
BUILDING IMPROVEMENTS		350,000	1,250,000	1,250,000	1,250,000	1,250,000
CARNAHAN COURTHOUSE IMPROVEMENTS		3,013,000	2,188,000	2,188,000	2,188,000	2,188,000
EQUIPMENT REPLACEMENT		160,000	0	0	0	0
FEDERAL MANDATES		0	150,000	150,000	150,000	150,000
GATEWAY TRANSPORTATION FACILITY IMPROVEMENTS		568,000	568,000	552,000	0	0
JUSTICE CENTER PROJECT		10,178,250	10,501,250	10,499,250	10,417,250	3,564,750
FACILITY & INFRASTRUCTURE PROJECTS - JUVENILE DETENTION		1,548,900	1,546,300	1,546,300	1,546,300	1,546,300
1520 MARKET STREET IMPROVEMENTS		1,075,000	1,209,000	1,209,000	1,209,000	1,209,000
IMPROVEMENT PROJECTS		0	30,000	30,000	30,000	30,000
ROLLING STOCK & COMPUTER REPLACEMENT		1,544,367	2,644,367	2,644,367	2,644,367	2,394,367
ROLLING STOCK & FACILITIES RENOVATIONS		2,828,630	2,788,630	2,788,630	2,788,630	2,788,630
FACILITY IMPROVEMENTS AND EQUIPMENT REPLACEMENT	**Total**	**$21,266,147**	**$22,875,547**	**$22,857,547**	**$22,223,547**	**$15,121,047**
ENGINEERING, DESIGN AND ADMINISTRATION	**Total**	**$1,300,000**	**$1,300,000**	**$1,300,000**	**$1,300,000**	**$1,300,000**
All Capital Improvement Projects		**$43,838,747**	**$50,371,062**	**$47,168,562**	**$46,648,562**	**$41,563,462**

Road and Bridge Improvement Projects

Road and Bridge improvement projects costing over $76 million are planned for FY2016 to FY2020. These projects represent about 12 percent of total CIP projects either in progress or begun over the five-year period and are budgeted at $22.08 million. Many of the transportation projects are funded through the Federal Surface Transportation Program. For these projects, the City is required to fund an approximate 20 percent local match payment.

The CIP also includes $4.0 million for arterial street resurfacing and $2.0 million for bridge resurfacing or repair. These street and bridge improvements will be funded entirely with City dollars. Prior to the passage of the capital improvement sales tax, many needed arterial street and bridge repairs went undone.

Neighborhood Stabilization Projects

Neighborhood stabilization capital projects include improvements in the City's 28 wards, recreation centers, parks, and Police Department. Approximately $90.65 million in neighborhood stabilization projects is included in the five-year plan. Proposed five-year plan funding includes the following:

- $43.34 million for Ward improvements
- $30.19 million for Major Park improvements
- $7.29 million for Neighborhood Park improvements
- $8.69 million for Police Department improvements

The majority of neighborhood stabilization projects will be improvements in the City's neighborhoods and parks. These funds will be used to fund the debt service on the $26.0 million 2014 Parks Bond Issue, for renovations in the Major Parks and Neighborhood Parks. In recent years, part of the ½ Cent Sales Tax receipts had been reallocated to fund existing Citywide capital debt obligations and the amount for Ward projects had been reduced. This will not be the case in FY16, Ward projects will receive the full allocation. In addition, with ½ cent receipts currently expected to exceed estimates in the current fiscal year, the Ward accounts are projected to end the year with

$725,000 in surplus revenue. This combined with revenues projected in FY2016, Ward Improvements will see an allocation of $8.85 million. With the beginning balance, each Ward will receive an allocation of just over $341,900 for capital improvements recommended by the Aldermen. In the past, the Aldermen have used these funds to resurface residential streets & alleys, improve parks, reconstruct alleys, sidewalk & curb replacement, street tree planting and dumpsters.

Facility Improvements and Equipment Replacement

Approximately $104.3 million will be expended for facility improvements and equipment replacement in the next five years. More than 87% of this amount will be expended to retire the debt associated with the Downtown Justice Center and the expansion of the Medium Security Institution, the renovations to the the Carnahan Courthouse, the Rolling Stock, Computer Systems, Gateway Transportation Center (Multimodal), Facility & Infrastructure Debt Service (Juvenile Detention) and 1520 Market (Abram) Building - Debt Service. Detail descriptions of projects funded by the new debt service are located later in this book. Projects proposed in the five-year plan are as shown below:

- $45.16 million for MSI expansion and Justice Center financing
- $2.04 million for financing of the QECB Energy Efficiency Loan Program
- $11.87. million for rolling stock and computer equipment replacement
- $11.94 million for rolling stock
- $10.94 million for renovations & financing of the Carnahan Courthouse
- $1.68 million for renovations & financing of the Gateway Transportation Center
- $5.91 million for renovations & financing of the 1520 Market (Abram) Facilities
- $7.73 million for Facility & Infrastructure Debt Service (Juvenile Detention)
- $6.87 million for Federal Mandates, repairs to City buildings and other projects

SUMMARY OF FUNDING SOURCES

The capital projects included in this plan will be financed through a combination of local, state, and federal sources. Table II presents a summary of estimated resources available for capital expenditures for the next five years. A brief description of the funding sources follows.

Local Sources

The major local funding source is the ½ Cent Sales Tax for Capital Improvements. This tax was passed in 1993 and should provide about $19.00 million this year for capital improvements. Proceeds from the capital improvement sales tax are distributed among the City's 28 wards (50%), citywide improvements (20%), major parks (17%), the Police Department (10%), and recreation centers (3%).

The City's General fund, supported by local taxes and fees, remains the funding source for times when existing capital revenues are insufficient to meet all obligations. In FY2016, the general fund budget will include a transfer of $10.06 million to the Capital Fund. Additional local revenue of approximately $500,000 is expected from the sale of City assets.

With Sales Tax receipts in FY15 projected to be ahead of the original estimates, the Capital Fund Budget will include a positive beginning balance of approximately $1.42 million, with appropriations adjusted as shown on Table II.

Beginning in FY2002 the City Parks and Recreation system began receiving funds from the regional 1/10 Cent Metro Parks Sales Tax and in FY2013 a new tax was approved by the voters, the 3/16 Cent Metro Sales Tax. The City's combined portion of the tax from both sources will be approximately $4.36 million, with a positive beginning balance of $377,000 and a balance from the FY15 Parks Debt of $767,600, results in a net $5.49 million in FY2016. The total Metro Parks tax distribution is as follows; $2.01 million will go to the Major Parks and $2.86 million to the Neighborhood Parks.

In FY2002, the City passed an ordinance imposing court costs of $5.00 on certain cases

TABLE II
CAPITAL IMPROVEMENTS PLAN
SOURCE OF FUNDS

	FY2016	FY2017	FY2018	FY2019	FY2020
1/10 Cent Sales Tax for Metro Parks - Beginning Balance	**135,000**	0	0	0	0
1/10 Cent Sales Tax for Metro Parks (40% Major Parks)	**699,200**	650,000	653,000	656,000	656,000
1/10 Cent Sales Tax for Metro Parks (60% Neighborhood Parks)	**1,048,800**	975,000	980,000	985,000	985,000
1/2 Cent Sales Tax for Capital Improvement	**19,000,000**	17,675,000	17,765,000	17,850,000	17,850,000
1/2 Cent Sales Tax for Capital Improvement - Beginning Balance City Wide	**350,000**	0	0	0	0
1/2 Cent Sales Tax for Capital Improvement - Beginning Balance Major Parks	**114,000**	0	0	0	0
1/2 Cent Sales Tax for Capital Improvement - Beginning Balance Recreation Center	**52,000**	0	0	0	0
1/2 Cent Sales Tax for Capital Improvement - Beginning Balance Ward Accounts	**725,000**	0	0	0	0
1/2 Cent Sales Tax for Capital Improvement - Police Capital Beginning Balance	**175,000**	0	0	0	0
3/16 Cent Sales Tax for Metro Parks - Beginning Balance	**242,000**	0	0	0	0
3/16 Cent Sales Tax for Metro Parks (Major Parks)	**1,048,800**	1,000,000	1,000,000	1,000,000	1,000,000
3/16 Cent Sales Tax for Metro Parks (Neighborhood Parks)	**1,573,200**	1,500,000	1,500,000	1,500,000	1,500,000
Balance from FY15 Parks Debt Apprpriation	**767,600**	0	0	0	0
Civil Courts Debt Service Fund Release	**120,000**	0	0	0	0
Courthouse Restoration Fund - Municipal Courts	**200,000**	200,000	200,000	200,000	200,000
Courthouse Restoration Fund - State Courts	**1,300,000**	1,300,000	1,300,000	1,300,000	1,300,000
CVC Capital Lease Reimbursements	**167,000**	167,000	167,000	167,000	167,000
Forest Park Debt Service Reserve Fund Release (FP 1/2 Cent account)	**532,000**	0	0	0	0
Gasoline Tax Revenue - (County Share)	**630,000**	630,000	630,000	630,000	630,000
General Fund Transfer - Carnahan Courthouse Debt Service	**2,188,000**	2,188,000	2,188,000	2,188,000	2,188,000
General Fund Transfer -Justice Center Lease Payment	**7,883,000**	5,600,000	5,600,000	5,600,000	5,600,000
Income from Sale of City Assets	**500,000**	350,000	350,000	350,000	350,000
Transfer from Gaming Revenue Fund	**4,390,000**	2,500,000	2,500,000	2,500,000	2,500,000
TOTAL SOURCES OF REVENUE	**$43,840,600**	**$34,735,000**	**$34,833,000**	**$34,926,000**	**$31,826,000**

adjudicated in Municipal Courts. Revenue from these cases is estimated to be $200,000 annually and will be used to offset debt service on financing to provide improvements at City owned courthouses.

State Sources

The Capital Fund receives funding from taxes and fees imposed by the State of Missouri. The City has allocated a portion of the proceeds of the statewide gasoline tax to be used for capital improvements. In FY2016, $630,000 in gasoline tax revenues will be appropriated to the Capital Fund. These revenues are used to help fund the City's local match requirements on bridge replacement and street repair projects financed through the Federal programs.

In 1995, the State imposed an additional $35 court filing fee on cases filed in the 22nd Judicial Circuit Court in St. Louis. The filing fee has since been raised to $45 per case. Revenues generated from this filing fee are being used to assist in financing renovations to the Civil Courts Building. This filing fee generates about $1.30 million annually.

Federal Sources

The City of St. Louis relies heavily upon Federal funding to finance its road and bridge improvement projects. Federal funding is available through the Surface Transportation Project (STP), which was established through the Intermodal Surface Transportation Efficiency Act (ISTEA & TEA-21). The STP program provides 75 to 100 percent of the cost of major bridge renovation or replacement projects and certain street improvement projects. The St. Louis Metropolitan region receives approximately $14 million annually in such matching funds and is currently on a three year planning cycle.

Gaming Revenue

In December 2007, Lumiere Place, a new gaming facility operated by Pinnacle Casinos opened on Laclede's Landing. The new facility, though not subject to Port lease payments due to its location, led to a more than doubling of the gaming revenues in FY09 over the two years prior. In 2008, Missouri voters approved removing loss limits as well as a 1% increase in the State tax rate on adjusted gross receipts (AGR). Now at 21% of AGR, the City receives 10% of this amount, or 2.1% of the AGR. In addition, the City continues to receive $1 of the State imposed $2 head tax on the number of admissions. The closing of the old President casino on the Admiral Riverboat in July of 2010 resulted in the loss of approximately $2.0M in Port lease payments and gaming revenues. The opening of the new Pinnacle casino in south St. Louis County has also drawn some business from the existing Lumiere operation in the City. As part of the development agreement of this second casino, Pinnacle has made annual payments to the City of $1M, to help offset this reduction in gaming receipts. Beginning in FY2014 these payments have been allocated to support the City's combined City/County development efforts. In FY16, it is estimated that Gaming will provide $4.39 million in revenues which will be appropriated to the Capital Fund. This is an increase of $1.89 million from the previous year due to adjustments for a negative balance in the prior year. However, the Gaming revenue still shows an ongoing decline as a source of revenue.

In appropriating these revenues the City has opted for a spending formula that maximizes the impact of these receipts without making ongoing City operations dependent on the success of the gaming industry. By state statute, the 2% of AGR the City receives from the state is set aside for use in providing services necessary for the safety of the public visiting gaming boats. Funds from this source are appropriated primarily for Police Department services on the riverfront and for riverfront floodwall and other public right-of-way improvements. Revenue from the admission fee is unrestricted as to use and is used to supplement funds for capital improvement projects and to further economic development efforts.

Capital Improvements Plan - Impact on Operations

One of the criteria used in developing the City's Capital Improvements Plan is based on the impact a capital project may have on current and future operating budgets. Knowing to what extent a given project will increase or decrease future operating costs provides the opportunity to plan ahead once the project is approved and funded. For the most part, projects such as road and bridge improvements, building improvements and rolling stock replacement effectively improve the City's infrastructure and reduce the strain on resources dedicated for street, building and vehicle maintenance. Of course with the increase in the number of projects made possible by 1/2-cent sales tax proceeds, more operating funds have been allocated in recent years for design and engineering. For example, the Board of Public Service staff increased to address increased demand of design work and project management. The enhanced lighting program has increased the City's energy costs but the conversion to LED traffic signal lights has reduced the electrical costs. The completion of a salt storage facility and roof repairs to smaller storage units should reduce run-off and decrease the amount of salt purchased. While the operating budget impact of this kind of capital spending is not project specific, other large capital projects such as the downtown City Justice Center, Gateway Transportation Center and take over of the Caranahan Courthouse will have a unique and sometimes identifiable impact on the City's general fund budget. With the opening of the Abram Building and the consolidation of numerous departments at that location, the City will receive the benefits of reduction of the costs for rental space and an improved environment for those departments and the Citizens they serve. The following is a summary of projects from the FY2016 Capital Budget that have or will have known impacts on current or future operating costs.

Table III presents a summary of projects funded by the Capital Budget that have or will have impact on future operating costs.

CAPITAL IMPROVEMENT PLAN
ESTIMATED IMPACT ON OPERATIONS SUMMARY

Project / Division	Operating Budget Impact
Ward Capital Projects Street Division	The Street Division provides the labor, engineering, design and project management services for the Ward Capital funded paving, street & sidewalk projects. These projects are small in size but collectively they involve a major portion of the departments operational costs. To offset these costs the Capital Budget reimburses the department for a portion of their labor costs as noted below.
Public Works Projects & Ward Capital Projects Board of Public Service (BPS)	The Board of Public Service (BPS) provides the engineering, design and project management services for the City's public work projects and the Ward Capital projects. Many of these projects are small in size and have little impact on the operating budget, however collectively the need to design and manage a greater number of projects has led to increases in the operating budget for BPS. To offset these costs the Capital Budget reimburses the department for a portion of their labor costs, as noted below.
QECB Energy Efficiency Loan Program City-Wide Accounts	The QECB Program will provide public and private funding for energy efficiency programs. The City will back the program and pay the initial cost of $400K for issuing the QECB. Proposed QECB projects in FY16 includes $1.0M in HVAC improvements to the Carnahan Courthouse.
Justice Center City-Wide Accounts, Dept of Public Safety & Facilities Management	The annual debt service on the Justice Center totals approx. $10.2M The facility has also benefited from the rental of bed space to the U.S. Federal Marshal Service, with an estimated revenue of $150K annually. The City has gained added detention capacity with this facility which has an operating budget of $16.4M. The Facilities Management Division is incurring an annual operating costs for maintenance and has utility costs of approximately $975,000 for this facility.
Carnahan Courthouse Debt Service & Improvements City-Wide Accounts, Board of Public Service, Facilities Management & Circuit Courts	In the spring of 2001, the City acquired the Carnahan Courthouse (Old Federal Courthouse) adjacent to the City's new Justice Center. The debt service on the Carnahan Courthouse renovation totals approx. $2.2M. The Board of Public Service had design and management costs associated with renovations. The Circuit Courts has operational costs for building maintenance of $900,000 and Facilities Management Division is incurring utility costs of approx. $800,000 for the facility. The FY16 Capital budget will provide $825K for HVAC renovations and part coming from the QECB Energy Efficiency Program.
Gateway Transportation Center Debt Service & Improvements City-Wide Accounts & Facilities	In 2009, the City opened the Gateway Transportation Center, which provides a connection point for surface transportation in the area. The debt service totals approx. $0.6 million. It is expected that the operational costs of the facility will be offset by revenues generated. Again in FY16 the General Fund will not provide a subsidy for operational costs
Abram Building Debt Service & Improvements City-Wide Accounts & Facilities Management	City Departments began to occupy this facility in Spring 2009. The building allowed Departments which were previously in rental space or in substandard facilities to move to a more modern facility. The debt service totals approx. $0.6 million. and the improvement debt service will be $0.6 million. The operational costs of the facility are estimated at $1.6 million annually. This facility has allowed the City Courts and SLATE to move from rental space and the Health Department to move from an antiquated building. A number of City departments, such as CDA, SLDC and other agencies have also moved into the facility.
Facility & Infrastructure Debts Service (Juvenile Detention)	In FY09 the Facility & Infrastructure Debt Service, funded by the Capital Budget, provided $4.5 million for HVAC, Plumbing and Electrical Remediation at the facility. The Capital Budget provides the funding for the Facility & Infrastructure Debt Service of $1.5 million annually. This funding has allowed for numerous needed repairs and renovations in many City facilities.

CAPITAL IMPROVEMENT PLAN
ESTIMATED IMPACT ON OPERATIONS COST SUMMARY

Project / Division	FY16	FY17	FY18	FY19	FY20
Public Works & Ward Capital Projects					
Street Division - Street Projects	$900,000	$900,000	$900,000	$900,000	$900,000
Street Division - Capital Reimbursements	(650,000)	(650,000)	(650,000)	(650,000)	(650,000)
BPS - Ward & Public Works Projects	1,100,000	1,100,000	1,100,000	1,100,000	1,100,000
Board of Public Service - Capital Reimbursemen	(650,000)	(650,000)	(650,000)	(650,000)	(650,000)
QECB Energy Efficiency Loan Program					
City-Wide Accounts	440,000	400,000	400,000	400,000	400,000
Justice Center					
City-Wide Accounts	10,178,250	10,501,250	10,499,250	10,417,250	3,564,750
Rental of Bed Space	(150,000)	(150,000)	(150,000)	(150,000)	(150,000)
Facilities Management	975,000	1,000,000	1,025,000	1,025,000	1,025,000
Carnahan Courthouse Debt & Improvements					
City-Wide Accounts	2,188,000	2,188,000	2,188,000	2,188,000	2,188,000
Facilities Management	805,000	810,000	815,000	820,000	825,000
Improvements	825,000	0	0	0	0
Gateway Transportation Center Debt Service & Improvements					
City-Wide Accounts	568,000	568,000	552,000	0	0
Abram Building Debt Service, Improvements Debt Service & Improvements					
Operational Costs	1,075,000	1,209,000	1,209,000	1,209,000	1,209,000
Rental & Operational Costs Savings	(763,000)	(763,000)	(763,000)	(763,000)	(763,000)
Facility & Infrastructure Debts Service (Juvenile Detention)					
City-Wide Accounts	1,548,900	1,546,300	1,546,300	1,546,300	1,546,300
	$18,390,150	$18,009,550	$18,021,550	$17,392,550	$10,545,050