

CAPITAL IMPROVEMENT PLAN



Fiscal Years 2015 through 2019

CIP Process

The County annually prepares a five year Capital Improvement Plan (CIP) for capital expenditures, as defined below. Each elected official and division director is asked to evaluate their capital needs for the next five years and to submit their requests for inclusion in the Capital Improvement Plan. Projects are prioritized based on the urgency of the need, as described in the request, with consideration also given to whether the project was included in the prior year CIP. A major factor in determining priorities is whether the project improves the efficiency and effectiveness of County government and provides cost savings to the County. Other factors considered in prioritizing projects include compliance with safety, health or regulatory requirements, public health or safety, economic development, infrastructure preservation and environmental impact.

The County has an established maximum annual Capital Improvement Plan of \$75 million from County funds (debt and pay-as-you-go). Of this, \$55 million has been designated on a recurring basis for school project funding. The projects requested for the current plan have been prioritized to stay within the established maximum, with some projects delayed by at least one year. Any projects related to information technology purchases or upgrades were reviewed by the Information Technology Steering Committee. Their recommendations and priorities are reflected in this plan. Submissions include estimates of any financial impact the completed project will have on future operating revenues, personnel and other operating expenses.

Although the five-year Capital Improvement Plan is approved in total, only the budget for the first year is actually adopted as the CIP Budget. This budget is an allocation or indication of intent by the County Commission. The remaining four years are approved as the plan for the subsequent years. All projects in the approved Capital Improvement Budget are subject to subsequent appropriation by the Board of Commissioners. Each project must be approved by a resolution to appropriate the amount for the project and to approve the contract or purchase within the scope of the project. Because it is impossible to plan every asset acquisition need in advance, a contingency has also been provided within the CIP budget for those unexpected items.

CIP Definition

A Capital Improvement Project is defined to encompass those steps required to design and construct or purchase a self-contained capital asset, or the acquisition of land regardless of cost. All costs which represent items that are physically a part of a building qualify if the construction or renovation project exceeds a cost of \$100,000 with at least one major component with a cost in excess of \$25,000. Only buildings and property that are directly associated with Shelby County Government and related agencies qualify for receipt of CIP funds; financial assistance provided to other entities for capital projects would be considered grants from the County. Projects included in the Capital Improvement Plan that cost in excess of \$100,000 must have a useful life of at least 10 years, except for computer projects that must have a life of at least five years. For the past several years, the County has provided pay-as-you-go funding for smaller and shorter life projects, reducing our dependence on debt.

Planned asset acquisitions that do not meet these definitions are requested as a part of the operating budget. Recurring annual expenditures associated with capital projects must also be considered. However, this type of expense is excluded from CIP funding and included in the operating budget, if necessary. Additional operating expenditures or anticipated savings related to new capital projects are noted in the following pages.

For the individual projects listed, the amounts reflected for “prior year” are only for the project being approved. Any past projects that have been completed will no longer have their related cost listed as “prior year” and will not be a part of the presented budget package. Year one of the CIP Budget establishes the specific projects and the maximum amount of contracts that may be awarded and approved for the fiscal year. Projects may be completed and contractors paid within the fiscal year or construction may continue into one or more future years.

To provide a more complete overview of total County resources invested in capital assets, any projects funded outside the CIP budget are also listed for reference within this section. Special Revenue, Enterprise or Grant fund sources are utilized for eligible capital projects before CIP funds. Planned capital acquisitions that do not meet the minimum criteria for inclusion in the Capital Improvements Plan based on cost or expected life are also listed.

CIP Funding

Funding for the county’s portion of the CIP Budget is generally obtained through a short term borrowing program or the issuance of long term general obligation debt. A short term borrowing program may be established each fiscal year to cover the estimated amount of current year payments for projects authorized in that year as well as the payments expected from projects appropriated in previous fiscal years and continuing into the current year. When short term borrowing is used, it is converted to long term general obligation debt within approximately two years after the initial sale.

If a short term borrowing program is utilized, then in addition to establishing the borrowing program size, the County Commission must approve and adopt an initial authorizing bond resolution that provides the funding for the current fiscal year’s capital plan. The amount to be authorized in this resolution is based on the assumption that all allocations in the current fiscal year’s plan will be appropriated. Any unused prior year authorization may carry forward and be netted against the current year’s requirement.

The County provides some funding to CIP for pay-as-you-go rather than debt issuance. Pay-as-you-go funds, to the extent available, will generally be used for projects that do not constitute assets of Shelby County, for smaller projects, projects that have a shorter useful life, and other non-school projects. Debt will be used for schools, large projects and when pay-as-you-go funds are not available. The County intends to develop an ongoing pay-as-you-go program to the extent that funding can be identified.

Impact of CIP on Operating Costs

All projects submitted for consideration in the CIP plan include an analysis of any estimated current or future impact on the annual operating budget. Anticipated revenues, expenditures (or savings) for personnel costs, maintenance or repairs, or other operating costs are disclosed and quantified for consideration. In cases of cost or risk avoidance as the primary impact factor, the nature of the risk or potential cost is identified and assessed. This detail is provided for each project on our website; only the more significant costs or savings are noted in the Proposed Budget summaries.

CIP Project Detail

Detailed project request forms submitted for each capital project were included in the printed Proposed Budget document for review by the County Commissioners and the public and also on the Finance website. Project summaries are included in the Adopted Budget Summary to provide an overview of the project scope and cost for all projects allocated for FY15 – FY19.



**Shelby County Capital Improvement Plan
Summary of Project Allocations and Funding**

FY 2015-2019

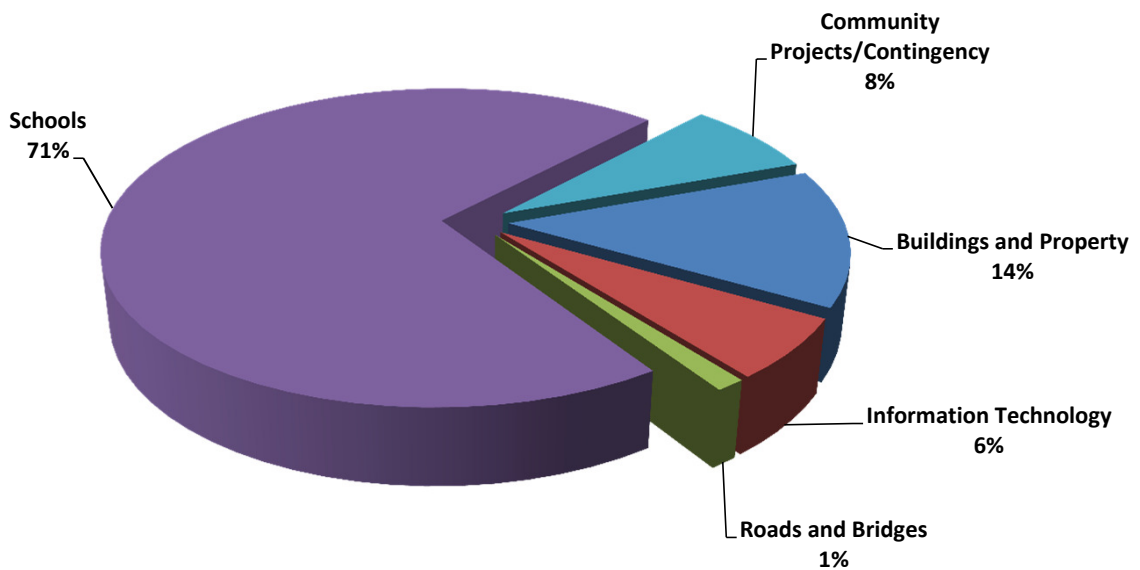
Funding Sources:	FY2015	FY2016	FY2017	FY2018	FY2019	Five Year Total
Federal Funding	\$ 926,250	\$ 11,250	\$ 5,025,000	\$ 2,100,000	\$ 21,600,000	\$ 29,662,500
Transfer from Debt Service	6,508,000	6,643,000	6,707,000	6,771,000	6,836,000	33,465,000
Local Funding	-	1,250,000	-	-	-	1,250,000
County Funding - Pay-As-You Go	14,688,090	13,323,750	13,263,000	13,008,408	12,807,438	67,090,686
General Obligation Debt	55,000,000	55,000,000	55,000,000	55,000,000	55,000,000	275,000,000
Total Funding Sources	\$ 77,122,340	\$ 76,228,000	\$ 79,995,000	\$ 76,879,408	\$ 96,243,438	\$ 406,468,186

Project Type Summary:	FY2015	FY2016	FY2017	FY2018	FY2019	Five Year Total
Buildings and Property	\$ 10,684,500	\$ 11,000,000	\$ 16,945,000	\$ 3,979,408	\$ 7,443,438	\$ 50,052,346
Information Technology	4,702,840	7,213,000	-	4,500,000	4,000,000	20,415,840
Roads and Bridges	950,000	-	4,250,000	10,400,000	28,800,000	44,400,000
Schools	55,000,000	55,000,000	55,000,000	55,000,000	55,000,000	275,000,000
Community Projects/Contingency	5,785,000	3,015,000	3,800,000	3,000,000	1,000,000	16,600,000
Total Projects	\$ 77,122,340	\$ 76,228,000	\$ 79,995,000	\$ 76,879,408	\$ 96,243,438	\$ 406,468,186

County Share of Allocations*	\$ 76,196,090	\$ 74,966,750	\$ 74,970,000	\$ 74,779,408	\$ 74,643,438	\$ 375,555,686
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*County Share of Allocations is the portion of capital project allocations funded by County resources.

FY15 CIP Budget Allocations



Summary of FY15 Allocations

Project Number	Project Name	Total Project	County Share
<u>BUILDINGS & PROPERTY:</u>			
ADMIN BUILDINGS & PUBLIC WORKS			
307375	ADA - Title 2 Compliance: Building Upgrades	500,000	500,000
307377	Site Improvements at PEAB	500,000	500,000
307385	Downtown District Cooling Loop	2,400,000	2,400,000
307393	Underground Fuel Storage Tank Replacement	600,000	600,000
307390	Bellevue Roof Replacement	700,000	700,000
307391	157 Poplar Roof Replacement	10,000	10,000
301973	Fleet Vehicle Replacement	250,000	250,000
		4,960,000	4,960,000
CRIMINAL JUSTICE			
610177	Land/Mobile Radio for City/County	944,500	\$ 944,500
610178	Plumbing and Bathroom Upgrade- Narcotics Building	30,000	30,000
630176	CJC - Replace Emergency Generators	1,000,000	1,000,000
630177	CJC - Weatherproof Building Exterior	650,000	650,000
630173	CJC - HVAC Retrofit/Replacement	2,500,000	2,500,000
		5,124,500	5,124,500
COURTS			
307392	Repair/Replace Sewer Piping - Courthouse	500,000	500,000
		500,000	500,000
HEALTH			
400573	Renovation of Cawthon Clinic	100,000	100,000
		100,000	100,000
	Total Buildings and Property	10,684,500	10,684,500
<u>INFORMATION TECHNOLOGY:</u>			
800972	Optical Scan (Touchscreen) Voting Machines	1,200,000	1,200,000
630174	iCJIS (Integrated Criminal Justice Information System)	400,000	400,000
250271	Network and Host Server Upgrade and/or Replacement	715,000	715,000
250272	HIPAA & HITECH Act Compliance	500,000	500,000
250274	Service Desk Express (SDE) Replacement	500,000	500,000
250275	Microsoft SCCM 2007 Replacement	187,840	187,840
250273	Time and Attendance County-Wide Implementation	1,000,000	1,000,000
800971	ESM Voter Registration System Replacement	200,000	200,000
		4,702,840	4,702,840
<u>ROADS AND BRIDGES SUMMARY</u>			
301082	Walnut Grove Road Expansion	300,000	75,000
301083	Macon Road	350,000	87,500
301084	Houston Levee	300,000	75,000
		950,000	237,500
<u>COMMUNITY PROJECTS AND CONTINGENCY:</u>			
301085	Benjestown Road Pedestrian Bridge	285,000	71,250
301674	Heart of the Park - Shelby Farms	3,000,000	3,000,000
301086	Rail Expansion Project	1,500,000	1,500,000
201299	Contingency	1,000,000	1,000,000
		5,785,000	5,571,250
<u>SCHOOLS:</u>			
	Projects to be determined	55,000,000	55,000,000
	TOTAL FY15 CIP ALLOCATIONS	\$ 77,122,340	\$ 76,196,090



Shelby County Capital Improvement Plan Summary of Projects Allocated for 2015

Buildings and Property Projects

ADA - Title 2 Compliance: Building Upgrades: \$500,000 (FY16 - \$500,000)

In a proactive effort to avoid potential litigation, SCG is requesting funding to systematically address ADA non-compliance in all SCG buildings. This is a multi-year project to upgrade existing SCG facilities and+ achieve compliance with ADA Title 2 building codes. The SCG building inventory will be surveyed to determine extent of need, and implementation will be prioritized according to greatest need.

Site Improvements at Peggy Edmiston Administrative Building (PEAB): \$500,000

Since the Peggy Edmiston Administration Building (PEAB) has been converted for administrative purposes, the employee occupancy has increased from approximately 200 employees to near 500 employees. The daily customer load has also increased to over 500 customers per day. As a result, the parking lot has to be increased to meet customer traffic. Also, insufficient drainage surrounding the building allows flooding conditions during heavy rains. Stages 1, 2, 3, and 4 have been completed already, and included parking and drainage improvements on the all sides of the building. The final stage will include lighting and signage for the building campus.

Downtown District Cooling Loop: \$2,400,000

Project includes installation of an underground district cooling loop and utility infrastructure between neighboring County buildings in the downtown area. The district cooling loop will accomplish two purposes: A) increased energy efficiency, from a newer, higher efficiency chiller, and B) back up chiller capacity, since the existing chillers in each building will be relegated to a back up/reserve role. The secondary purpose of back up chiller capacity provides the greatest benefit, because no back up capacity currently exists for the Administration Building, the Office Building, the Courthouse, or the Archives Building. Replacement parts nationwide are extremely scarce. These generators are critical to maintaining operation of the CJC and Jail. The generators will be replaced one at a time during FY14 through FY17.

Underground Fuel Storage Tank Replacement: \$600,000

The Haley Road Service Station currently has two 15,000 gallon tanks for gasoline and two 10,000 gallon tanks for diesel. These existing underground fuel storage tanks are single-wall design. Federal regulations require that these tanks be replaced periodically. This project includes the installation of new double-wall underground storage tanks. Project also includes all ancillary equipment for monitoring and dispensing fuels. The new tanks will hold gasoline and diesel fuel. This project also includes the appropriate environmental assessment and containment remediation, if necessary.

Bellevue Roof Replacement: \$700,000

The roof has to be patched and/or repaired several times each year due to exposure to extreme weather conditions, and the warranty for the roof has expired. Material goods and/or records have been frequently damaged due to water infiltration. The roof area needing to be replaced is approximately 70,000 square feet.

157 Poplar Roof Replacement: \$10,000 (FY16 - \$100,000)

The roof for the four-story portion of the Shelby County Office Building (SCOB) develops numerous leaks throughout the year that require repair. Due to construction in the building, traffic from workers and their equipment has compromised the rigid insulation under the roof membrane. Damage to the rigid insulation has caused water to pool in several places and not flow properly toward the roof drains. The warranty for this roof is near its expiration date.

Fleet Vehicle Replacement: \$250,000 (FY16 - 250,000; FY17 - 500,000; FY18 - 500,000)

The County inventory of vehicles funded by the general fund consists of 168 vehicles (Passenger cars, trucks, and vans) Over 40% of this Fleet is over 10 years old with 30 of the fleet vehicles in excess of 15 years old. The age of the fleet is causing the maintenance cost of each division to increase. This project is the continuation of the plan to phased replacement of the general fund vehicles with the goal of operating a fleet with equipment not over 10 years old by 2018

Land/Mobile Radio for City/County - Sheriff: \$944,500 (FY17 - 13,670,000)

The current radio system is co-owned by the City of Memphis (60%) and Shelby County (40%) and reaches end of life for continued support in 2017. The system is currently housed on 9 radio towers providing county-wide coverage for approximately 16,000 local government and public safety radios. The FCC mandates that our system be P-25 compliant by the year 2017 and our current system only partially complies and the only reusable infrastructure will be the physical tower sites. All vehicle and hand-held radios will have to be replaced as well as software and other hardware components. This project outlines only our portion of the project expense.



Shelby County Capital Improvement Plan Summary of Projects Allocated for 2015

Plumbing and Bathroom Upgrade - Narcotics building: \$30,000 (FY16 \$300,000)

The original plumbing layout of the building was not designed to house as many people as we currently have occupying the facility. There are plumbing issues related to the age and current design, this project allows for the upgrade of existing plumbing and restroom facilities.

CJC - Replace Emergency Generators: \$1,000,000

The CJC is equipped with four 800 kW emergency generators. These generators were installed when the building was constructed in the late 1970s. During the past few years, parts of the generators have failed during operation. Due to their age, the generators are considered obsolete and the availability of replacement parts nationwide is extremely scarce. These generators are critical to maintaining operation of the CJC and Jail. Design specifications were prepared by a consulting engineer and the project was bid in FY14. The design specifies that the project be implemented in two phases. Phase 1 was contracted in FY14. Phase 2 is scheduled to be contracted in FY15.

CJC - Weatherproof Building Exterior: \$650,000 (FY16 - \$500,000; FY17 \$500,000)

The caulking and backer rod for most of the expansion joints in the building exterior have deteriorated and now allow water to leak into the building. Additional concerns have arisen regarding the integrity of the waterproof membrane protecting the sub-grade Lower Level. Numerous water leaks have resulted in flooding problems and significant damage to interior finishes. This project includes consultant fees to completely identify the water problems and design remediation of the problems. Funding in following years is intended to implement the remediation.

CJC - HVAC Retrofit/Replacement: \$2,500,000

The Criminal Justice Center (CJC) was constructed in the late 1970s and opened for business in 1980. Consequently, the HVAC infrastructure is over 30 years old. Most primary air handling units are in need of significant repair or replacement. This project includes repairs to or replacement of over 40 primary air handling units. Project scope includes, but is not limited to, unit replacement, replacing existing pneumatic controls with DDC controls, connecting and integrating the new controls into the current automation system, replacing control valves, cleaning all coils and removing all deactivated components. This is a multi-year project.

Repair/Replace Sewer Piping - Courthouse: \$500,000 (FY16 - \$250,000)

The storm water and sanitary sewer piping connecting the building to the City sewer system is 100 years old. Many of these pipes have collapsed underground and are causing drainage to back up into the building, flooding the Basement level. The scope of this project includes evaluation of the existing piping systems, design of remedial solutions, and construction of new piping systems.

Renovation of Cawthon Clinic: \$100,000

The Cawthon Clinic is located in an old building near Melrose High School and is one of the business clinics run by the Health Department. The roof of the building has exceeded its useful life and has many leaks; it is projected to be replaced in FY14. The leaks have caused damage to interior finishes and floors, which are so damaged, that they pose potential trip hazards. Some of the HVAC units need to be replaced as the HVAC control system and the ductwork are not functioning properly. This causes many areas to be overheated or overcooled. Additionally, the parking lot is damaged and is not ADA compliant.

Information Technology Projects

Optical Scan (Touchscreen) Voting Machines: \$1,200,000

The purchase of a voting machine system will bring Shelby County into compliance with 2005 Voluntary Voting Standard Guidelines (VVSG). All voting machines purchased for public election use in Tennessee must comply with 2005 VVSG standards. It will reduce or eliminate the need for vendor election day support. Purchase of a new voting system will establish a more modern system and satisfy advocates of optical scan, PVAT (paper verifiable audit trail), CRV (choice ranked voting/instant run-off) and who oppose DRE voting machines. Election technology modernization.

iCJIS (Integrated Criminal Justice Information System): \$400,000

The FY15 budget is to cover any necessary, unplanned change orders that will need to be addressed after system Go Live, which is to be expected with a system of this size.

Network and Host Server Upgrade and/or Replacement: \$715,000

Replacement and/or upgrade of network and server equipment and software as necessary, and to provide increased capacity for growing number of users. Yearly hardware and software maintenance costs escalate as equipment / software ages and approaches end of life. Operating end of life equipment / software exposes the County to additional financial risk from potential HIPAA and PCI fines. The updating / replacement of aging hardware will reduce yearly maintenance costs for the first one to three years following the purchase due to warranties and initial maintenance included with purchase.



Shelby County Capital Improvement Plan Summary of Projects Allocated for 2015

HIPAA & HITECH Act Compliance: \$500,000

Many of the services provided by Shelby County Government (SCG) include the collection and/or use of Protected Health Information (PHI). Any company that deals with PHI must ensure that all the required physical, network, and process security measures are in place and followed. This includes covered entities (CE), anyone who provides treatment, payment and operations in healthcare, and business associates (BA), anyone with access to patient information and provides support in treatment, payment or operations. Since the HIPAA Privacy Rule addresses the saving, accessing and sharing of medical and personal information of any individual, and the HIPAA Security Rule more specifically outlines national security standards to protect health data created, received, maintained or transmitted electronically, SCG has identified a need for a more thorough assessment of departmental creation and usage of PHI and electronic PHI. SCG anticipates that PHI and ePHI may be utilized by sections previously assumed as not covered by the HIPAA and HITECH Acts. These sections include but may not be limited to Human Resources, Fire Department, Sheriff's Department, Correction's Center, and the Aging Commission.

Phase II: SCG will utilize the output from phase 1 to prioritize, directly remediate, and assist SCG offices and departments to remediate the identified HIPAA and HITECH Act insufficiencies, implementing solutions and engaging vendors where necessary to achieve HIPAA & HITECH compliance. Phase II is estimated to take 9 months for completion.

Service Desk Express (SDE) Replacement: \$500,000

This project will replace the SDE application that was purchased approximately 20 years ago. There are two main issues that plague this application are the fact that the Application will reach end of life/ end of service in 2015, our needs have outgrown this applications functionality and vendor supplied upgrades are complex because of the custom modifications made by our staff. SDE has undergone significant in-house development to meet the following requirements of ITS: inventory control, plant maintenance, project planning and citizen support. These needs were not met by the standard product. New requirements are continuing to emerge that SDE can't accommodate. Some of these requirements are ITS' adherence to ITIL best practices, 311 for citizen access and transparency and integration with other work order systems. The need for a SDE replacement is made more ominous by SDE reaching end-of-life.

Microsoft SCCM 2007 Replacement: \$187,840

Microsoft will cease mainstream support for Systems Center Configuration Manager R3 (SCCM) on July 8th, 2014. The County currently operates SCCM 2007 R2 to monitor computer activity, audit installed software, push patches, updates and new programs, and to provide remote-access for support technicians to approximately 3,700 computers throughout the County. This project will replace SCCM 2007 with SCCM 2012. The primary SCCM server will be installed at the east datacenter, with distribution servers at the east and west campuses. Servers will operate in a virtual environment. SCCM 2012, once installed, will survey and discover any devices (servers, client PCs and smartphones) connected to the network through Active Directory and install the client software on each node. Software installation and initial configuration will be performed by a certified SCCM technician, assisted by County IT staff.

Time and Attendance County-Wide Implementation: \$1,000,000

This project is to work in conjunction with the project initially funded by the Division of Corrections to select and purchase a time and attendance system. The initial project is chartered with the goal to provide a time and attendance system for Shelby County Department of Corrections and ITS. This project will provide the Division of Corrections and Sheriff's Office with an technologically advanced way to manage its workforce and submit accurate data to Finance for payroll processing. Once the Division of Corrections and Sheriff's Office are complete then ITS can move this project to make it an enterprise wide application which will eliminate the disparate systems throughout Shelby County Government.

ESM Voter Registration System Replacement: \$200,000 (FY16 - \$1,000,000)

The Shelby County Election Commission's voter registration system software is Election System Management (ESM). ESM is one of a five part election delivery system infrastructure. The ESM voter registration system is a critical system that is operating without vendor support or maintenance and therefore presents a critical risk with exceptionally high consequence. This also presents security risks. The main objective of this project is risk mitigation. The current risk to the citizens of Shelby County is critical and has been deemed unacceptable as to its potential negative impact. While ESM is generically referred to as the 'voter registration system' as it manages the Shelby County voter registration database, it serves numerous other functions such as voter history update, ballot build, voting, redistricting, reporting, etc. Replacement for ESM would require one or more systems that replicates all of the current ESM functionality.



Shelby County Capital Improvement Plan Summary of Projects Allocated for 2015

Roads and Bridges Projects

Walnut Grove Road Expansion: \$75,000 (FY17 - \$250,000; FY18 - \$250,000; FY19 \$2,862,500)

This project improves a 1.0 mile of segment of Walnut Grove Road by widening the existing roadway from two to four lanes, correcting geometry, adding bicycle and pedestrian facilities for improved mobility and widening the bridge over Grays Creek. This project includes improvements at the intersection of Houston Levee Road and Walnut Grove. This route provides one of only two east-west crossings of Grays Creek.

Macon Road: \$87,500 (FY17 - \$375,000; FY18 - \$450,000; FY19 - \$4,337,500)

This project provides 1.73 miles of roadway improvements by widening of Macon Road from two to four lanes from Berryhill Road to Houston Levee Road, addition of pedestrian and bicycle facilities, and construction of a new bridge over Gray's Creek. Intersection improvements will be made at Berryhill Road, Lenow Road, Rebel Drive, Big Orange, Far Road, and Houston Levee Road.

Houston Levee: \$75,000 (FY17 - 75,000; FY17 - \$375,000)

This project improves Houston Levee Road by widening the segment from Walnut Grove to the Wolf River Bridge from two to four lanes. The roadway segment will include a median with pedestrian and bicycle facilities and landscaping. Length (miles) 1.67. This project improves emergency vehicle access along a major north-south corridor in Shelby County.

Community Projects

Benjestown Road Pedestrian Bridge: \$71,250 (FY16 - \$3,750; FY17 - \$675,000)

This project will include the construction of a new pedestrian bridge over the Loosahatchie River from the North End of Benjestown Road. The Bridge across the Loosahatchie will be the final leg to complete a primary route from Downtown to Memphis to the secondary bicycle routes in the Shelby Forest area.

Heart of the Park - Shelby Farms: \$3,00,000

Shelby Farms Park is a public park owned by Shelby County and operated in partnership by the nonprofit Shelby Farms Park Conservancy (SFPC) as part of a management agreement. SFPC, supported by a broad cross-section of business, civic and political leaders, is transforming 4,500 acres in the center of Shelby County into America's great 21st century park. Its multi-faceted vision is now unfolding through an ambitious Master Plan that will create a park with the power to transform the character of a community, raise expectations for the public realm, and become the axis for benefits that ripple outward and affect the health, economy, human capital, and environmental ethos for the entire region. The key project in SFPC's Master Plan is Heart of the Park - the restoration and expansion of Patriot Lake and its landscapes, and addition of new facilities and amenities that will create a vibrant, active park center and create financial sustainability for Shelby Farms Park.

Rail Expansion Project: \$1,500,000

A new track on Presidents Island which will allow unit trains to ship to facilities located on Presidents Island. The project will include the construction of an elevated rail in the flood plan west of Presidents Island which will also serve as a levee for the future expansion of the Island. The Rail project will also be positioned for the construction of a new inland harbor.

Contingency: \$1,000,000 - Included for all years

Schools

Projects to be determined: \$55,000,000 - Included for all years

Capital Assets/Projects Budgeted In Other Funds in FY15

Listed below are capital asset acquisitions or construction projects that have been budgeted for FY15 but will not be funded from CIP. The specific fund and nature of the expenditure is indicated for each.

Amount	Division/Fund	Description of Planned Expenditures:
162,600	Information Technology Svcs	Cisco Gigabit Fiber Modules, High Performance SAN expansions, KVM switch expansion
112,410	Public Works	Outdoor Equipment - Orgill Golf Course, Heavy Equipment
5,000	Health Services	Electronic & Computer Equipment
700,000	Sheriff	Vehicles, Electronic & Computer Equipment
\$ 980,010	Total General Fund	
40,000	Vector Control Fund	Utility Vehicles
46,846	Judicial DP Funds	Electronic & Computer Equipment
1,610,000	Sheriff Narcotics Fund	Electronic & Computer Equipment, Vehicles
59,882	Register DP Fees	Electronic & Computer Equipment
1,078,943	Roads & Bridges Fund	Asphalt Paving - Infrastructure
526,900	Roads & Bridges Fund	Vehicles; Electronic & Computer Equipment
418,785	Stormwater Fund	Construction Contracts
\$ 3,781,356	Total Special Revenue Funds	
1,022,350	Codes Enforcement Fund	Electronic & Computer Equipment, Vehicles
2,813,000	Corrections Fund	Green Prison Initiative, HVAC repl, Fiber network imp
309,919	Corrections Fund	Inmate Transport Vans (4), tractor and backhoe
110,000	Fire Services	Vehicles, Building Improvements
\$ 4,255,269	Total Enterprise Funds	
276,000	Health Services	Air Pollution grants; Rideshare project Homeland security
80,567	Sheriff	JAG - Electronic & Computer Equipment
130,000	Planning & Development	Down Payment Assistance, CDBG Disaster Recovery
200,000	Public Works	Chickasaw Basin Authority projects
11,654,341	Public Works	Greenline Extension and other projects - Public Works
12,564,870	Public Works	Ral-Mill Road Bridge and other Bridge Maintenance Grants
409,070	Public Works	FEMA Hazard Mitigation
50,354	Stormwater Funds	Storm Water Quality Initiative
\$ 25,365,202	Total Grant Funds	
71,000	IT Internal Services	Video-conferencing upgrades
\$ 71,000	Total Internal Service Funds	
\$ 34,452,837	Total Capital Asset Acquisitions/Projects Not Funded from CIP	



Shelby County Capital Improvement Plan Buildings and Property Project Summary

FY 2015-2019

PROJECT ALLOCATIONS BY YEAR						
PROJECT TITLE:	FY2015	FY2016	FY2017	FY2018	FY2019	5 Year Total
<u>Admin Buildings and Public Works</u>						
ADA - Title 2 Compliance: Building Upgrades	500,000	500,000	-	-	-	1,000,000
ADA - Title 2 Compliance: Sidewalk Modifications	-	100,000	-	100,000	-	200,000
Site Improvements - Peggy Edmiston Admin Build	500,000	-	-	-	-	500,000
Downtown District Cooling Loop	2,400,000	-	-	-	-	2,400,000
Underground Fuel Storage Tank Replacement	600,000	-	-	-	-	600,000
Bellevue Roof Replacement	700,000	-	-	-	-	700,000
157 Poplar Roof Replacement	10,000	100,000	-	-	-	110,000
Fleet Vehicle Replacement	250,000	250,000	500,000	500,000	-	1,500,000
<u>Criminal Justice</u>						
Land/Mobile Radio for City/County - Sheriff	944,500	-	13,670,000	-	-	\$ 14,614,500
Video Visitation and Arraignment System	-	-	-	1,000,000	-	1,000,000
Plumbing and Bathroom Upgrade - Narcotics Building	30,000	300,000	-	-	-	330,000
Training Academy Expansion	-	200,000	2,000,000	-	-	2,200,000
CJC - Interior Renovation	-	4,800,000	-	2,000,000	1,500,000	8,300,000
Jail Roof Replacement	-	-	275,000	-	-	275,000
CJC - Replace Emergency Generators	1,000,000	-	-	-	-	1,000,000
CJC - Weatherproof Building Exterior	650,000	500,000	500,000	-	-	1,650,000
HVAC Retrofit/Replacement	2,500,000	-	-	-	-	2,500,000
<u>Courts</u>						
Juvenile Court Gymnasium	-	-	-	220,908	2,954,577	3,175,485
Repair/Replace Sewer Piping - Courthouse	500,000	250,000	-	-	-	750,000
<u>Health</u>						
SCHD Raleigh/Fraser Community Wellness Center	-	-	-	158,500	2,988,861	3,147,361
Health Department Master Plan	-	4,000,000	-	-	-	4,000,000
Renovation of Cawthon Clinic	100,000	-	-	-	-	100,000
Project Totals	\$10,684,500	\$ 11,000,000	\$ 16,945,000	\$ 3,979,408	\$7,443,438	\$ 50,052,346

FUNDING SOURCES AND ALLOCATION TYPES						
PROJECT ALLOCATIONS:	FY2015	FY2016	FY2017	FY2018	FY2019	5 Year Total
7003 Electronic & Computer Equip.	\$ 150,000	\$ 4,800,000	\$ 25,000	\$ 1,000,000	\$ 250,000	\$ 6,225,000
7009 Other Equipment	-	-	-	-	250,000	250,000
7011 Buildings & Improvements	4,000,000	800,000	750,000	2,000,000	3,988,861	11,538,861
7072 CIP-Architectural & Eng Svcs	434,500	650,000	-	379,408	-	1,463,908
7076 CIP-Construction Contracts	5,100,000	4,500,000	2,000,000	100,000	2,954,577	14,654,577
7077 CIP-Major Equip/Components	250,000	250,000	12,170,000	500,000	-	13,170,000
7081 CIP-Supplies and Materials	750,000	-	2,000,000	-	-	2,750,000
Total Project Cost	\$10,684,500	\$ 11,000,000	\$ 16,945,000	\$ 3,979,408	\$7,443,438	\$ 50,052,346
PROJECT FUNDING SOURCES:						
	FY2015	FY2016	FY2017	FY2018	FY2019	5 Year Total
County Pay-As-You-Go	\$10,684,500	\$ 11,000,000	\$ 16,945,000	\$ 3,979,408	\$7,443,438	\$ 50,052,346
Total Project Funding	\$10,684,500	\$ 11,000,000	\$ 16,945,000	\$ 3,979,408	\$7,443,438	\$ 50,052,346
County Share of Allocations:	\$10,684,500	\$ 11,000,000	\$ 16,945,000	\$ 3,979,408	\$7,443,438	\$ 50,052,346



Shelby County Capital Improvement Plan Information Technology Projects Summary

FY 2015-2019

PROJECT ALLOCATIONS BY YEAR						
PROJECT TITLE:	FY2015	FY2016	FY2017	FY2018	FY2019	5 Year Total
Optical Scan (Touchscreen) Voting Machines	\$ 1,200,000	\$ -	\$ -	\$ -	\$ -	\$ 1,200,000
iCJIS (Integrated Criminal Justice Information System)	400,000	-	-	-	-	400,000
Network and Host Server Upgrade and/or Replacement	715,000	-	-	-	-	715,000
HIPAA & HITECH Act Compliance	500,000	-	-	-	-	500,000
Service Desk Express (SDE) Replacement	500,000	-	-	-	-	500,000
Datacenter Infrastructure Improvements	-	800,000	-	-	-	800,000
ERP Replacement	-	-	-	-	3,000,000	3,000,000
Microsoft SCCM 2007 Replacement	187,840	-	-	-	-	187,840
iCJIS - Electronic Filing-System Enhancements	-	350,000	-	-	-	350,000
Time and Attendance County-Wide Implementation	1,000,000	-	-	-	-	1,000,000
Renovations at East Data Center	-	-	-	3,000,000	-	3,000,000
Out of Region Disaster Recovery Warm Site	-	2,000,000	-	-	-	2,000,000
Business Continuity Plan	-	-	-	-	1,000,000	1,000,000
Countywide Planimetric Digital Data	-	2,500,000	-	-	-	2,500,000
Enterprise Business Intelligence System	-	-	-	1,500,000	-	1,500,000
ESM Voter Registration System Replacement	200,000	1,000,000	-	-	-	1,200,000
Sharepoint Server	-	163,000	-	-	-	163,000
Single Sign On Management	-	400,000	-	-	-	400,000
Project Totals	\$ 4,702,840	\$ 7,213,000	\$ -	\$ 4,500,000	\$ 4,000,000	\$ 20,415,840

FUNDING SOURCES AND ALLOCATION TYPES						
PROJECT ALLOCATIONS:	FY2015	FY2016	FY2017	FY2018	FY2019	5 Year Total
7003 Electronic & Computer Equip.	\$ 4,702,840	\$ 7,213,000	\$ -	\$ 1,500,000	\$ 4,000,000	\$ 17,415,840
7072 CIP-Architectural & Eng Svcs	-	-	-	220,000	-	220,000
7076 CIP-Construction Contracts	-	-	-	2,780,000	-	2,780,000
Total Project Cost	\$ 4,702,840	\$ 7,213,000	\$ -	\$ 4,500,000	\$ 4,000,000	\$ 20,415,840
PROJECT FUNDING SOURCES:	FY2015	FY2016	FY2017	FY2018	FY2019	5 Year Total
Reimbursement-Other Local Govt	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Reimbursement - City of Memphis	-	-	-	-	-	-
State Funding	-	-	-	-	-	-
Federal Funding	-	-	-	-	-	-
Other	\$ -	\$ 1,250,000	\$ -	\$ -	\$ -	\$ 1,250,000
County Pay-As-You-Go	4,702,840	5,963,000	-	4,500,000	4,000,000	19,165,840
Total Project Funding	\$ 4,702,840	\$ 7,213,000	\$ -	\$ 4,500,000	\$ 4,000,000	\$ 20,415,840
County Share of Allocations:	\$ 4,702,840	\$ 5,963,000	\$ -	\$ 4,500,000	\$ 4,000,000	\$ 19,165,840



Shelby County Capital Improvement Plan Roads and Bridges Project Summary

FY 2015-2019

PROJECT ALLOCATIONS BY YEAR						
PROJECT TITLE:	FY2015	FY2016	FY2017	FY2018	FY2019	5 Year Total
Holmes Road	\$ -	\$ -	\$ 250,000	\$ 7,600,000	\$ -	\$ 7,850,000
Walnut Grove Road Expansion	300,000	-	1,000,000	1,000,000	11,450,000	13,750,000
Macon Road	350,000	-	1,500,000	1,800,000	17,350,000	21,000,000
Houston Levee	300,000	-	1,500,000	-	-	1,800,000
Project Totals	\$ 950,000	\$ -	\$ 4,250,000	\$ 10,400,000	\$ 28,800,000	\$ 44,400,000

FUNDING SOURCES AND ALLOCATION TYPES						
PROJECT ALLOCATIONS:	FY2015	FY2016	FY2017	FY2018	FY2019	5 Year Total
7071 CIP-Land & Right-of-Way	\$ -	\$ -	\$ 250,000	\$ 2,800,000	\$ -	\$ 3,050,000
7072 CIP-Architectural & Eng Svcs	950,000	-	4,000,000	-	-	4,950,000
7076 CIP-Construction Contracts	-	-	-	7,600,000	28,800,000	36,400,000
Total Project Cost	\$ 950,000	\$ -	\$ 4,250,000	\$ 10,400,000	\$ 28,800,000	\$ 44,400,000
PROJECT FUNDING SOURCES:	FY2015	FY2016	FY2017	FY2018	FY2019	5 Year Total
Reimbursement - City of Memphis	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Federal Funding	712,500	-	3,000,000	2,100,000	21,600,000	\$ 27,412,500
County Funding - Pay-As-You Go	237,500	-	1,250,000	8,300,000	7,200,000	\$ 16,987,500
Total Project Funding	\$ 950,000	\$ -	\$ 4,250,000	\$ 10,400,000	\$ 28,800,000	\$ 44,400,000
County Share of Allocations:	\$ 237,500	\$ -	\$ 1,250,000	\$ 8,300,000	\$ 7,200,000	\$ 16,987,500



Shelby County Capital Improvement Plan Community Projects Summary

FY 2015-2019

PROJECT ALLOCATIONS BY YEAR						
PROJECT TITLE:	FY2015	FY2016	FY2017	FY2018	FY2019	5 Year Total
Agricenter East Exhibition Pavilion	\$ -	\$ -	\$ 100,000	\$ 2,000,000	\$ -	\$ 2,100,000
Veteran's Home Project	-	2,000,000	-	-	-	2,000,000
Benjestown Road Pedestrian Bridge	285,000	15,000	2,700,000	-	-	3,000,000
Heart of the Park - Shelby Farms	3,000,000	-	-	-	-	3,000,000
Rail Expansion Project	1,500,000	-	-	-	-	1,500,000
Contingency	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	5,000,000
Project Totals	\$ 5,785,000	\$ 3,015,000	\$ 3,800,000	\$ 3,000,000	\$ 1,000,000	\$ 16,600,000

FUNDING SOURCES AND ALLOCATION TYPES						
PROJECT ALLOCATIONS:	FY2015	FY2016	FY2017	FY2018	FY2019	5 Year Total
7024 Infrastructure-Other	\$ 1,500,000	\$ -	\$ -	\$ -	\$ -	\$ 1,500,000
7071 CIP-Land & Right-of-Way	-	15,000	-	-	-	15,000
7072 CIP-Architectural & Eng Svcs	285,000	-	100,000	-	-	385,000
7076 CIP-Construction Contracts	-	2,000,000	2,700,000	2,000,000	-	6,700,000
7079 CIP-Other Project Costs	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	5,000,000
8941 Shelby Farms Conservancy	3,000,000	-	-	-	-	3,000,000
Total Project Cost	\$ 5,785,000	\$ 3,015,000	\$ 3,800,000	\$ 3,000,000	\$ 1,000,000	\$ 16,600,000
PROJECT FUNDING SOURCES:	FY2015	FY2016	FY2017	FY2018	FY2019	5 Year Total
Federal Funding	\$ 213,750	\$ 11,250	\$ 2,025,000	\$ -	\$ -	\$ 2,250,000
County Funding - Pay-As-You Go	5,571,250	3,003,750	1,775,000	3,000,000	1,000,000	14,350,000
Total Project Funding	\$ 5,785,000	\$ 3,015,000	\$ 3,800,000	\$ 3,000,000	\$ 1,000,000	\$ 16,600,000
County Share of Allocations:	\$ 5,571,250	\$ 3,003,750	\$ 1,775,000	\$ 3,000,000	\$ 1,000,000	\$ 14,350,000



Shelby County Capital Improvement Plan Schools Summary

FY 2015-2019

PROJECT ALLOCATIONS BY YEAR						
PROJECT TITLE:	FY2015	FY2016	FY2017	FY2018	FY2019	5 Year Total
Schools	\$ 55,000,000	\$ 55,000,000	\$ 55,000,000	\$ 55,000,000	\$ 55,000,000	\$ 275,000,000
Project Totals	\$ 55,000,000	\$ 55,000,000	\$ 55,000,000	\$ 55,000,000	\$ 55,000,000	\$ 275,000,000

FUNDING SOURCES AND ALLOCATION TYPES						
PROJECT ALLOCATIONS:	FY2015	FY2016	FY2017	FY2018	FY2019	5 Year Total
Construction	\$ 55,000,000	\$ 55,000,000	\$ 55,000,000	\$ 55,000,000	\$ 55,000,000	\$ 275,000,000
Total Allocations	\$ 55,000,000	\$ 55,000,000	\$ 55,000,000	\$ 55,000,000	\$ 55,000,000	\$ 275,000,000
PROJECT FUNDING:	FY2015	FY2016	FY2017	FY2018	FY2019	5 Year Total
General Obligation Bonds	\$ 55,000,000	\$ 55,000,000	\$ 55,000,000	\$ 55,000,000	\$ 55,000,000	\$ 275,000,000
Total Funding	\$ 55,000,000	\$ 55,000,000	\$ 55,000,000	\$ 55,000,000	\$ 55,000,000	\$ 275,000,000

