

CAPITAL IMPROVEMENT PLAN



Fiscal Years 2016 through 2020

CIP BUDGET INDEX

CAPITAL IMPROVEMENT PLAN

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* All projects for FY16-20 are listed individually within the appropriate category on the project allocation summary sheet pages. Project descriptions are provided only for the projects approved to begin or continue in FY16. Descriptions for projects allocated in FY17 - FY20 are provided in the "CIP Project Detail" section available on the Shelby County website.

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. Any projects related to information technology purchases or upgrades are reviewed and rated by the Information Technology Steering Committee. Their recommendations and priorities are reflected in this plan.

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 project qualify if the 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 ten 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.

CIP Funding

As part of the County's "Debt Management Plan" the County has established \$75 million as the maximum annual CIP amount from County funds (debt and pay-as-you-go). Of this amount, \$55 million had traditionally been designated on an annual basis for school project funding. However, since 2010 the amount has varied depending on the demonstrated needs of the Shelby County Schools. The Shelby County Schools are currently conducting an assessment of all of their facilities. Upon completion of this assessment, and taking into consideration projected enrollment to establish the facilities needed, the Shelby County Schools will determine priorities and then submit a plan for their facilities and a request for their capital needs for at least the next five years. Since we have not received the Shelby County Schools' facilities assessment plan and request for the capital needs, the Capital Improvement Plan does not include any specified amount for school capital funding.

The projects included for the current plan have been prioritized to stay within the established maximum, with some projects delayed by at least one year, with consideration of potential school capital needs. 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 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.

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.

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 evaluation. Recurring annual expenditures associated with capital projects are excluded from CIP funding and included in the operating budget, if necessary. In cases of cost or risk avoidance as the primary impact factor, the nature of the risk or potential cost is identified and assessed. Any additional operating expenditures or anticipated savings related to new capital projects are noted in the project detail.

CIP Project Detail

Detailed project request forms submitted for each capital project are 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 Proposed Budget Summary to provide an overview of the project scope and cost for all projects allocated for FY16 – FY20.

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.



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

FY 2016-2020

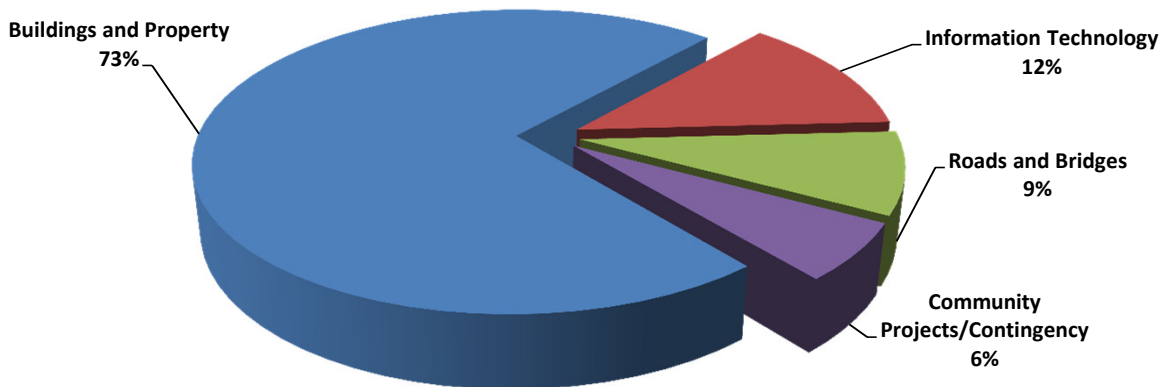
Funding Sources:	FY2016	FY2017	FY2018	FY2019	FY2020	Five Year Total
Federal Funding	1,138,500	4,035,000	3,225,000	22,350,000	13,500,000	44,248,500
Transfer from Debt Service	6,680,000	6,746,800	6,814,268	6,882,411	6,951,235	34,074,714
Local Funding	-	1,100,000	-	-	-	1,100,000
County Funding	13,307,500	13,783,200	26,049,232	27,762,589	25,598,765	106,501,286
Total Funding Sources	\$ 21,126,000	\$ 25,665,000	\$ 36,088,500	\$ 56,995,000	\$ 46,050,000	\$ 185,924,500

Project Type Summary:	FY2016	FY2017	FY2018	FY2019	FY2020	Five Year Total
Buildings and Property	14,625,000	11,815,000	16,038,500	19,945,000	7,250,000	69,673,500
Information Technology	2,533,000	6,650,000	3,750,000	-	6,200,000	19,133,000
Roads and Bridges	1,750,000	2,500,000	4,300,000	30,050,000	25,600,000	64,200,000
Community Projects/Contingency	1,218,000	3,700,000	11,000,000	6,000,000	6,000,000	27,918,000
EMCP Interest & Issuance Expense	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	5,000,000
Total Projects	\$ 21,126,000	\$ 25,665,000	\$ 36,088,500	\$ 56,995,000	\$ 46,050,000	\$ 185,924,500

County Share of Allocations*	\$ 19,987,500	\$ 20,530,000	\$ 32,863,500	\$ 34,645,000	\$ 32,550,000	\$ 141,676,000
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*County Share of Allocations is the portion of capital project allocations funded by County resources.

FY16 CIP Budget Allocations



Summary of FY16 CIP Allocations by Project

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
307313	ADA - Title 2 Compliance: Sidewalk Modifications	100,000	100,000
307391	157 Poplar Roof Replacement	150,000	150,000
201277	Library Roof Replacement (Shelby Drive)	345,000	345,000
307399	Relocation of Election Commission & Archives Expansion	1,875,000	1,875,000
301974	Fleet Services Relocation	1,600,000	1,600,000
		4,570,000	4,570,000
CRIMINAL JUSTICE			
630178	Interior Renovation of Criminal Justice Center	2,800,000	2,800,000
630177	CJC - Weatherproof Building Exterior	1,000,000	1,000,000
610173	CJC - HVAC Retrofit/Replacement	3,000,000	3,000,000
610179	Sheriff Fueling Sites	450,000	450,000
		7,250,000	7,250,000
COURTS			
307392	Repair/Replace Sewer Piping - Courthouse	500,000	500,000
307394	Juvenile Court Sprinkler System Upgrade	250,000	250,000
706173	Roof Replacement - Juvenile Court	420,000	420,000
706174	Hot Water Heater Replacement - Juvenile Court	270,000	270,000
706175	Repair Elevator - Juvenile Court	140,000	140,000
		1,580,000	1,580,000
HEALTH			
307386	Health Department Master Plan	1,100,000	1,100,000
		1,100,000	1,100,000
PUBLIC WORKS			
300470	Bolton Estates Sanitary Sewer Plant Improvements	125,000	125,000
		125,000	125,000
	Total Buildings and Property	14,625,000	14,625,000
<u>INFORMATION TECHNOLOGY:</u>			
250276	Datacenter Infrastructure Improvements	1,363,000	1,363,000
800971	ESM Voter Registration System Replacement	1,000,000	1,000,000
250277	Electronic Medical Record ICD9 to ICD10	170,000	170,000
		2,533,000	2,533,000
<u>ROADS AND BRIDGES SUMMARY:</u>			
301083	Macon Road	1,500,000	375,000
301089	Hacks Cross	250,000	250,000
		1,750,000	625,000
<u>COMMUNITY PROJECTS AND CONTINGENCY:</u>			
301085	Benjestown Road Pedestrian Bridge	18,000	4,500
201276	Agricenter Renovations & Upgrades to Showplace Arena	200,000	200,000
201299	Contingency	1,000,000	1,000,000
		1,218,000	1,204,500
<u>DEBT ISSUANCE EXPENSE</u>			
201299	EMCP Interest & Issue Expense	1,000,000	1,000,000
		1,000,000	1,000,000
	TOTAL FY16 CIP ALLOCATIONS	\$ 21,126,000	\$ 19,987,500



Shelby County Capital Improvement Plan Summary of Projects Allocated for 2016

Buildings and Property Projects

ADA - Title 2 Compliance: Building Upgrades: \$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.

ADA - Title 2 Compliance: Sidewalk Modifications: \$100,000 (FY18 - \$100,000)

Upgrade existing intersections in unincorporated Shelby County to meet ADA requirements. Primary improvements shall include curb ramps for intersections with sidewalks and concrete pads for pedestrians at intersections without sidewalks. This is a multi-year project. The SCG intersection inventory will be surveyed to determine extent of need, and implementation will be prioritized according to greatest need.

157 Poplar Roof Replacement: \$150,000

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.

Library Roof Replacement (Shelby Drive): \$345,000

The roof of the East Shelby Library has numerous leaks that require repair. The roof has previously been repaired dozens of times. The roof has now deteriorated to the point that repair is no longer effective. The roof is at the end of the manufacturer's recommended useful life, and needs to be replaced.

Relocation of Election Commission & Archives Expansion: \$1,875,000

The Election Commission currently shares a warehouse facility with the Shelby County Archives. The warehouse design is better suited for the needs of the Archives, than the Election Commission. This project includes construction of a new facility or the acquisition of an appropriate facility for the Election Commission, potential renovation of the acquired facility tailored to meet the needs of the Election Commission, and expansion of the sprinkler system and shelving at 980 Nixon to accommodate expansion of the Archives.

Fleet Services Relocation: \$1,600,000

Fleet Services has been located in a repurposed warehouse building at the Corrections facility for more than 20 years. The existing Penal Farm building was not originally designed for a fleet maintenance function, but has been adapted over the years. Despite building modifications, SCG has several large vehicles that have difficulty accessing the maintenance area. TOSHA has visited the facility and recommended significant modifications to make the building safer for employees. In addition, the roof and windows are deteriorated beyond repair and need replacement. The building is not insulated, so energy usage is much higher than newer fleet maintenance buildings. The Correction Center is expanding a recycling program which will require additional space for staging and sorting. This facility will provide the space needed for that function. Therefore, this project involves the relocation of Fleet Services to another facility.

Interior Renovation of Criminal Justice Center: \$2,800,000 (FY17 - 4,000,000; FY19 - 2,500,000)

The Criminal Justice Center (CJC) was constructed in the late 1970s and opened for business in 1980. While there have been some renovations to the courtrooms within the past 10 years, the office space has been unmodified and is suffering from the wear and tear associated with over 30 years of significant use. Building codes for high rise buildings have changed since the 1970s, leaving the Criminal Justice Center non-compliant in many areas. This renovation will be implemented as a multi-year project which involves a complete renovation of all floors. Renovations include, but are not limited to; asbestos abatement, ADA upgrades, current high-rise building code compliance, electrical improvements, and office space efficiency modifications.

CJC - Weatherproof Building Exterior: \$1,000,000

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.



Shelby County Capital Improvement Plan Summary of Projects Allocated for 2016

CJC - HVAC Retrofit/Replacement: \$3,000,000 (FY17 - \$3,000,000)

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.

Sheriff Fueling Sites: \$450,000

This project is to design and construct two fueling sites that will serve to provide fuel for the Shelby County Sheriff's Office public safety fleet in order to provide immediate access to fuel for officers in the field, reduce time and travel for fueling purposes and to forego the surcharge currently imposed at the Shelby County Fleet Services fueling sites.

Repair/Replace Sewer Piping - Courthouse: \$500,000

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.

Juvenile Court Sprinkler Upgrade: \$250,000

The sprinkler system at the Juvenile Court is susceptible to tampering, and has been activated several times by the resident population. Each time the sprinkler system has been activated, it caused flooding conditions in the detention areas before maintenance personnel deactivated the system. The detention areas occupy the upper floors of the building, while courtrooms and office space occupy the first floor. Consequently, water discharged by the sprinkler system migrated to the first floor, damaging interior finishes and expensive office equipment and computers. This project includes redesign of the sprinkler system and building modifications to minimize the recurrence of flooding due to inappropriate sprinkler system discharge.

Juvenile Court Roof Replacement: \$420,000

As evidenced by several years of unsuccessful roof repair projects, the building needs installation of a replacement roof.

Hot Water Heater Replacement - Juvenile Court: \$270,000

The hot water heating system installed in the 1930's is a two-pipe system that is used year-round for both heating and cooling. The obsolete and deteriorating system needs replacement to avoid any other incidents of flooding caused by burst pipes.

Elevator Repair - Juvenile Court: \$140,000

The Court's oldest elevator has been repaired a number of times without lasting result. A complete modernization project is recommended at this time as the parts are obsolete or no longer available.

Health Department Master Plan: \$1,100,000 (FY17 - \$4,500,000; FY19 - \$12,000,000)

The Shelby County Health Department facility is located at 814 Jefferson. The facility is comprised of three buildings: the original two-story building constructed in the 1950s, the six-story addition constructed in 1971, and the auditorium also constructed in 1971. Due to the age of the buildings, major expenditures are necessary to correct and/or repair building deficiencies, infrastructure problems and code compliance issues. Corrective action is required to address the following issues, as a minimum: brick façade repairs, asbestos abatement, roof replacement, HVAC replacement, electrical system grounding, ADA Title 2 compliance, and interior refurbishment. Preliminary cost estimates total several million dollars. In FY2013, Allen & Hoshall was selected to conduct a comprehensive analysis of Health Department facility needs and determine the feasibility of significant investment in the current facility or alternative locations. Pending the recommendations of the consultants Master Plan, funds are requested for FY2016 to either renovate existing buildings or invest in alternate locations. A viable option for a portion of the services performed in 814 Jefferson is to renovate 1060 Madison. This project is for that renovation.

Bolton Estates Sanitary Sewer Plant Improvements: \$125,000

The Bolton Estates Sewer System is a decentralized sanitary sewer system to service the Bolton Estates Subdivision (25 homes). This project will make improvements to the plant to maintain compliance with the wastewater treatment permit issued by the Tennessee Department of Environment and Conservation.



Shelby County Capital Improvement Plan Summary of Projects Allocated for 2016

Information Technology Projects

Datacenter Infrastructure Improvements: \$1,363,000

Upgrade/replace current datacenter hardware and software. Current server, storage, connectivity, and security systems that will have been in service 5 years will be at or nearing end of life, and will need to be replaced. This project will also address expected expansion of infrastructure to support evolving initiatives.

ESM Voter Registration System Replacement: \$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.

Electronic Medical Record ICD9 to ICD10: \$170,000

The Shelby County Health Department needs to convert the current ICD-9 CM coding system for medical coding and billing to ICD-10. This conversion is inclusive of a universal change mandated by the United States Department of Health and Human Services (HHS) to report healthcare diagnoses and procedures with ICD-10 codes, effective October 1, 2015. The most dramatic effect from implementing this project is that Shelby County will remain current with healthcare technology and able to communicate with healthcare providers electronically further maintaining quality and effectiveness in clinical decision-making and documentation.

Roads and Bridges Projects

Macon Road: \$375,000 (FY18 - \$450,000; FY19 - \$4,338,000)

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.

Hacks Cross Road: \$250,000 (FY18 - \$375,000; FY19 - \$250,000; FY20 - \$4,500,000)

This project improves a 1.8-mile segment of Hacks Cross Road from Shelby Drive to Stateline Road by widening the roadway from two to seven lanes. The improvements will include pedestrian and bicycle facilities and landscaping. This corridor is a major north-south connector that is highly congested with traffic traveling through Unincorporated Shelby County, the City of Memphis and north Mississippi. Hacks Cross Road has an interchange at State Route 385 which is a significant traffic generator.

Community Projects

Benjestown Road Pedestrian Bridge: \$4,500 (FY17 - \$540,000)

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.

Agricenter Renovations & Upgrades to Showplace Arena: \$200,000 (FY18 - \$3,000,000)

This project will implement the recommendations from a conceptual plan developed to provide space at the Show Place arena for a large variety of uses.

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

Schools

Projects to be determined:

The Shelby County Board of Education has not submitted a detailed Capital Projects budget, and the County has not appropriated CIP funds for Shelby County Schools for Fiscal Year 2016.

Capital Assets/Projects Budgeted In Other Funds in FY16

Listed below are capital asset acquisitions or construction projects that have been budgeted for FY16 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:
139,884	Information Technology Svcs	ExaGrid Backup Expansion, Cisco Gigabit Fiber Expansion Cards, High Speed Server Upgrades
67,262	Public Works	Electronic & Computer Equipment, Other Equipment
5,000	Health Services	Electronic & Computer Equipment
1,243,917	Sheriff	Vehicles, Electronic & Computer Equipment
35,000	Juvenile Court	Vehicles
\$ 1,491,063	Total General Fund	
308,000	Vector Control Fund	Utility Vehicles
65,238	Judicial DP Funds	Electronic & Computer Equipment
1,250,000	Sheriff Narcotics Fund	Electronic & Computer Equipment, Vehicles
59,882	Register DP Fees	Electronic & Computer Equipment
578,378	Roads & Bridges Fund	Asphalt Paving - Infrastructure
493,700	Roads & Bridges Fund	Vehicles; Electronic & Computer Equipment
300,000	Stormwater Fund	Construction Contracts
\$ 3,055,198	Total Special Revenue Funds	
120,000	Codes Enforcement Fund	Vehicles
2,500,000	Corrections Fund	Sally Port, Main Building Roof, Women's Building Roof, Covered Walkway
366,000	Corrections Fund	Vehicles, Electronic & Computer Equipment; Heavy Equipment
260,000	Fire Services	Vehicles, Building Improvements
\$ 3,246,000	Total Enterprise Funds	
131,500	Health Services	Air Pollution grants; Rideshare project Homeland security
6,426,566	Sheriff	NextGen CAD System - Electronic & Computer Equipment; Building Improvements
110,000	Planning & Development	Furniture, Electronic & Computer Equipment
7,758,928	Public Works	Congestion Management Projects
2,825,204	Public Works	Greenline Extension and Shelby Farms Trails
8,222,019	Public Works	Ral-Mill Road Bridge and other Bridge Maintenance Grants
562,500	Public Works	STP Resurfacing & Enhancement Projects (Macon, Houston Levee, Raleigh LaGrange, & Brooks Rd.)
450,000	Corrections	Clean TN Energy Project - Building Improvements
6,950	Judicial	Attorney General JAG MGU - Electronic Equipment
\$ 26,493,667	Total Grant Funds	
271,400	Fleet Replacement Fund	Utility Vehicles
24,000	IT Internal Services	Electronic & Computer Equipment
\$ 295,400	Total Internal Service Funds	
\$ 34,581,328	Total Capital Asset Acquisitions/Projects Not Funded from CIP	



Shelby County Capital Improvement Plan Buildings and Property Project Summary

FY 2016-2020

PROJECT ALLOCATIONS BY YEAR						
PROJECT TITLE:	FY2016	FY2017	FY2018	FY2019	FY2020	5 Year Total
Admin Buildings and Public Works						
ADA - Title 2 Compliance: Building Upgrades	500,000	-	-	-	-	500,000
ADA - Title 2 Compliance: Sidewalks	100,000	-	100,000	-	-	200,000
157 Poplar Roof Replacement	150,000	-	-	-	-	150,000
Library Roof Replacement (Shelby Drive)	345,000	-	-	-	-	345,000
160 N Main Roof Replacement (Vasco A Smith)	-	40,000	260,000	-	-	300,000
Relocation of Election Commission & Archives	1,875,000	-	-	-	-	1,875,000
Fleet Services Relocation	1,600,000	-	-	-	-	1,600,000
Criminal Justice						
Land/Mobile Radio for City/County	-	-	13,670,000	-	-	13,670,000
Training Academy Expansion	-	-	200,000	2,000,000	-	2,200,000
Interior Renovation of Criminal Justice Center	2,800,000	4,000,000	-	2,500,000	-	9,300,000
Jail Roof Replacement	-	275,000	-	-	-	275,000
Weatherproof Building Exterior	1,000,000	-	-	-	-	1,000,000
HVAC Retrofit/Replacement	3,000,000	3,000,000	-	-	-	6,000,000
Employee Parking Garage/Area	-	-	-	-	2,000,000	2,000,000
Sheriff - Additional Fueling Locations	450,000	-	-	-	-	450,000
Fleet Operations Expansion	-	-	1,650,000	-	-	1,650,000
Courts						
Juvenile Court (JC) Gymnasium Expansion	-	-	-	220,000	3,000,000	3,220,000
Repair/Replace Sewer Piping Courthouse	500,000	-	-	-	-	500,000
Sprinkler System Upgrade (JC)	250,000	-	-	-	-	250,000
Courthouse Restoration (140 Adams)	-	-	-	225,000	2,250,000	2,475,000
Replacement Roof (JC)	420,000	-	-	-	-	420,000
Replacement Hot Water Heating System (JC)	270,000	-	-	-	-	270,000
Repair of Elevator #4 (JC)	140,000	-	-	-	-	140,000
Health						
Raleigh/Frayser Community Wellness Center	-	-	158,500	3,000,000	-	3,158,500
Health Department Master Plan	1,100,000	4,500,000	-	12,000,000	-	17,600,000
Public Works						
Bolton Estates Sanitary Sewer Plant Improvements	125,000	-	-	-	-	125,000
Project Totals	\$ 14,625,000	\$ 11,815,000	\$ 16,038,500	\$ 19,945,000	\$ 7,250,000	\$ 69,673,500

FUNDING SOURCES AND ALLOCATION TYPES						
PROJECT ALLOCATIONS:	FY2016	FY2017	FY2018	FY2019	FY2020	5 Year Total
7003 Electronic & Computer Equip.	-	-	-	250,000	-	250,000
7009 Other Equipment	-	-	-	250,000	-	250,000
7011 Buildings & Improvements	\$ 1,350,000	-	1,500,000	2,500,000	2,000,000	7,350,000
7072 CIP-Architectural & Eng Svcs	3,165,000	65,000	768,500	445,000	-	4,443,500
7076 CIP-Construction Contracts	10,110,000	11,750,000	100,000	16,500,000	5,250,000	43,710,000
7077 CIP-Major Equip/Components	-	-	11,670,000	-	-	11,670,000
7081 CIP-Supplies and Materials	-	-	2,000,000	-	-	2,000,000
Total Project Cost	\$ 14,625,000	\$ 11,815,000	\$ 16,038,500	\$ 19,945,000	\$ 7,250,000	\$ 69,673,500
Other	-	-	-	-	-	-
County Pay-As-You-Go	\$ 14,625,000	\$ 11,815,000	\$ 16,038,500	\$ 19,945,000	\$ 7,250,000	69,673,500
Total Project Funding	\$ 14,625,000	\$ 11,815,000	\$ 16,038,500	\$ 19,945,000	\$ 7,250,000	\$ 69,673,500
County Share of Allocations:	\$ 14,625,000	\$ 11,815,000	\$ 16,038,500	\$ 19,945,000	\$ 7,250,000	\$ 69,673,500



Shelby County Capital Improvement Plan Information Technology Projects Summary

FY 2016-2020

PROJECT ALLOCATIONS BY YEAR						
PROJECT TITLE:	FY2016	FY2017	FY2018	FY2019	FY2020	5 Year Total
Voting Machines	\$ -	-	\$ -	\$ -	\$ 1,200,000	\$ 1,200,000
Datacenter Infrastructure Improvements	1,363,000	-	-	-	-	1,363,000
ERP Replacement	-	-	-	-	3,000,000	3,000,000
iCJIS - Electronic Filing-System Enhancements	-	350,000	-	-	-	350,000
Renovations at East Data Center	-	-	3,000,000	-	-	3,000,000
Out of Region Disaster Recovery Warm Site	-	500,000	-	-	-	500,000
Countywide Planimetric Digital Data	-	2,200,000	-	-	-	2,200,000
ESM Voter Registration System Replacement	1,000,000	-	-	-	-	1,000,000
Single Sign On Management	-	350,000	-	-	-	350,000
Core Infrastructure Refresh	-	-	-	-	2,000,000	2,000,000
JC - Electronic Medical Records System	-	350,000	-	-	-	350,000
Sheriff - Body/Vehicle Cameras and Vehicle Locators	-	2,500,000	-	-	-	2,500,000
Trustee - Remittance Processing Software	-	400,000	-	-	-	400,000
Courtroom Technology Upgrades	-	-	750,000	-	-	750,000
Electronic Medical Record ICD9 to ICD10	170,000	-	-	-	-	170,000
Project Totals	\$ 2,533,000	\$ 6,650,000	\$ 3,750,000	\$ -	\$ 6,200,000	\$ 19,133,000

FUNDING SOURCES AND ALLOCATION TYPES						
PROJECT ALLOCATIONS:	FY2016	FY2017	FY2018	FY2019	FY2020	5 Year Total
7003 Electronic & Computer Equip.	\$ 2,533,000	\$ 6,475,000	\$ -	\$ -	\$ 6,200,000	\$ 15,208,000
7072 CIP-Architectural & Eng Svcs	-	-	220,000	-	-	220,000
7076 CIP-Construction Contracts	-	-	2,780,000	-	-	2,780,000
7074 CIP-Other Pro & Tech Svcs	-	175,000	-	-	-	175,000
7077 CIP - Major Equipment/Components	-	-	750,000	-	-	750,000
Total Project Cost	\$ 2,533,000	\$ 6,650,000	\$ 3,750,000	\$ -	\$ 6,200,000	\$ 19,133,000
PROJECT FUNDING SOURCES:	FY2016	FY2017	FY2018	FY2019	FY2020	5 Year Total
Other	\$ -	\$ 1,100,000	\$ -	\$ -	\$ -	\$ 1,100,000
County Pay-As-You-Go	2,533,000	5,550,000	3,750,000	-	6,200,000	18,033,000
Total Project Funding	\$ 2,533,000	\$ 6,650,000	\$ 3,750,000	\$ -	\$ 6,200,000	\$ 19,133,000
County Share of Allocations:	\$ 2,533,000	\$ 5,550,000	\$ 3,750,000	\$ -	\$ 6,200,000	\$ 18,033,000



Shelby County Capital Improvement Plan Roads and Bridges Project Summary

FY 2016-2020

PROJECT ALLOCATIONS BY YEAR						
PROJECT TITLE:	FY2016	FY2017	FY2018	FY2019	FY2020	5 Year Total
Holmes Road	\$ -	\$ -	\$ -	\$ 250,000	\$ 7,600,000	\$ 7,850,000
Walnut Grove Road Expansion	-	1,000,000	1,000,000	11,450,000	-	13,450,000
Macon Road	1,500,000	-	1,800,000	17,350,000	-	20,650,000
Houston Levee	-	1,500,000	-	-	-	1,500,000
Hacks Cross	250,000	-	1,500,000	1,000,000	18,000,000	20,750,000
Project Totals	\$ 1,750,000	\$ 2,500,000	\$ 4,300,000	\$ 30,050,000	\$ 25,600,000	\$ 64,200,000

FUNDING SOURCES AND ALLOCATION TYPES						
PROJECT ALLOCATIONS:	FY2016	FY2017	FY2018	FY2019	FY2020	5 Year Total
7071 CIP-Land & Right-of-Way	\$ -	\$ -	\$ 1,800,000	\$ 250,000	\$ -	\$ 2,050,000
7072 CIP-Architectural & Eng Svcs	1,750,000	2,500,000	2,500,000	-	-	6,750,000
7076 CIP-Construction Contracts	-	-	-	28,800,000	25,600,000	54,400,000
7012 Land	-	\$ -	\$ -	\$ 1,000,000	\$ -	\$ 1,000,000
Total Project Cost	\$ 1,750,000	\$ 2,500,000	\$ 4,300,000	\$ 30,050,000	\$ 25,600,000	\$ 64,200,000
PROJECT FUNDING SOURCES:	FY2016	FY2017	FY2018	FY2019	FY2020	5 Year Total
Federal Funding	1,125,000	1,875,000	3,225,000	22,350,000	13,500,000	\$ 42,075,000
County Funding - Pay-As-You Go	625,000	625,000	1,075,000	7,700,000	12,100,000	\$ 22,125,000
Total Project Funding	\$ 1,750,000	\$ 2,500,000	\$ 4,300,000	\$ 30,050,000	\$ 25,600,000	\$ 64,200,000
County Share of Allocations:	\$ 625,000	\$ 625,000	\$ 1,075,000	\$ 7,700,000	\$ 12,100,000	\$ 22,125,000



**Shelby County Capital Improvement Plan
Community Projects Summary**

FY 2016-2020

PROJECT ALLOCATIONS BY YEAR						
PROJECT TITLE:	FY2016	FY2017	FY2018	FY2019	FY2020	5 Year Total
Veteran's Home Project	-	-	2,000,000	-	-	2,000,000
Benjestown Road Pedestrian Bridge	18,000	2,700,000	-	-	-	2,718,000
Show Place Arena Renovations	200,000	-	3,000,000	-	-	3,200,000
FedEx Forum Maintenance			5,000,000	5,000,000	5,000,000	15,000,000
Contingency	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	5,000,000
Project Totals	\$ 1,218,000	\$ 3,700,000	\$ 11,000,000	\$ 6,000,000	\$ 6,000,000	\$ 27,918,000

FUNDING SOURCES AND ALLOCATION TYPES						
PROJECT ALLOCATIONS:	FY2016	FY2017	FY2018	FY2019	FY2020	5 Year Total
7071 CIP-Land & Right-of-Way	18,000	-	-	-	-	18,000
7072 CIP-Architectural & Eng Svcs	200,000	-	5,000,000	5,000,000	5,000,000	15,200,000
7076 CIP-Construction Contracts	-	2,700,000	5,000,000	-	-	7,700,000
7079 CIP-Other Project Costs	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	5,000,000
Total Project Cost	\$ 1,218,000	\$ 3,700,000	\$ 11,000,000	\$ 6,000,000	\$ 6,000,000	\$ 27,918,000
PROJECT FUNDING SOURCES:	FY2016	FY2017	FY2018	FY2019	FY2020	5 Year Total
Federal Funding	\$ 13,500	\$ 2,160,000	\$ -	\$ -	\$ -	\$ 2,173,500
County Funding - Pay-As-You Go	1,204,500	1,540,000	11,000,000	6,000,000	6,000,000	25,744,500
Total Project Funding	\$ 1,218,000	\$ 3,700,000	\$ 11,000,000	\$ 6,000,000	\$ 6,000,000	\$ 27,918,000
County Share of Allocations:	\$ 1,204,500	\$ 1,540,000	\$ 11,000,000	\$ 6,000,000	\$ 6,000,000	\$ 25,744,500

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