

CAPITAL IMPROVEMENT PLAN



Fiscal Years 2020 through 2024

CIP BUDGET INDEX

Capital Improvement Plan (CIP)

CIP Overview	267
FY20-24 CIP Summary of Project Allocations & Funding	269
FY20-24 CIP Project Plan (County Share).....	270
FY20-24 CIP Project Plan (Non-County Share).....	272
FY20 Project Allocations (All Funding Sources)	273
FY20 Project Descriptions (CIP Funding)	274
FY20 Project Descriptions (Pay As You Go Funding).....	278
FY20 Capital Assets/Projects Budgeted in Other Funds.....	279

All projects for FY20-24 are listed individually within the appropriate category on the CIP Project Plan page. Project descriptions are provided only for the projects approved to begin or continue in FY20. Descriptions for projects allocated in FY20-FY24 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. Planned asset acquisitions that do not meet these definitions are requested as a part of the operating budget.

CIP Funding and Schools

As part of the County's "Debt Management Plan" the County has targeted \$75 million as the maximum annual CIP amount from County funds (debt and pay-as-you-go). About two-thirds of this amount has traditionally been designated on an annual basis for school project funding. However, the amount has varied over the past several years depending on the demonstrated needs of the Shelby County Schools and the variable level of County infrastructure funding requirements.

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.

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

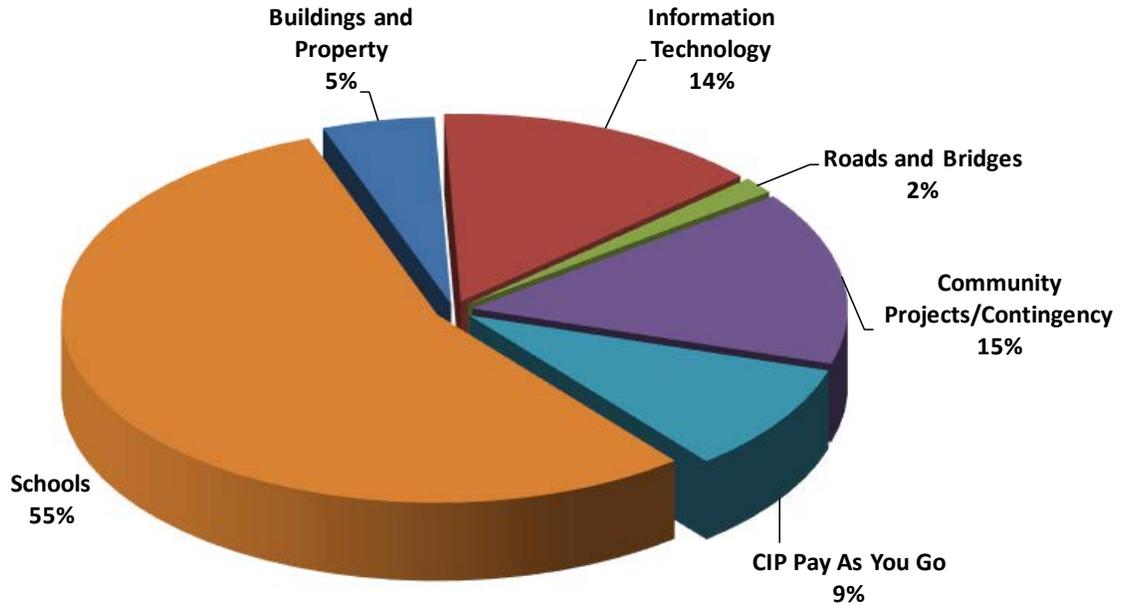
Detailed project request forms submitted for each capital project are available for review by the County Commissioners and the public on the Finance website. The total amount allocated for individual projects listed in FY20, or year one of the CIP Budget, establishes the specific projects and the maximum 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.

Summary of Project Allocations and Funding

Funding Sources:	FY2020	FY2021	FY2022	FY2023	FY2024	Five Year Total
Federal Funding	5,080,000	33,445,000	24,887,500	14,512,500	-	77,925,000
State Funding	4,000,000	-	-	-	-	4,000,000
Other Government Reimbursements	770,000	625,000	2,160,000	-	-	3,555,000
County Funding - Pay As You Go	8,798,000	1,445,000	935,000	697,000	697,000	12,572,000
County Funding - Debt	75,169,737	35,905,000	57,172,500	49,721,000	36,000,000	253,968,237
Total Funding Sources	\$ 93,817,737	\$ 71,420,000	\$ 85,155,000	\$ 64,930,500	\$ 36,697,000	\$352,020,237

Project Type Summary:	FY2020	FY2021	FY2022	FY2023	FY2024	Five Year Total
Buildings and Property	4,545,000	11,500,000	20,000,000	30,365,000	33,250,000	99,660,000
Information Technology	13,208,000	15,975,000	28,170,000	9,518,500	1,750,000	68,621,500
Roads and Bridges	1,350,000	25,700,000	28,550,000	17,350,000	-	72,950,000
Community Projects/Contingency	14,029,333	16,800,000	7,500,000	7,000,000	1,000,000	46,329,333
CIP Pay As You Go	8,798,000	1,445,000	935,000	697,000	697,000	12,572,000
Schools	51,887,404	-	-	-	-	51,887,404
Total Projects	\$ 93,817,737	\$ 71,420,000	\$ 85,155,000	\$ 64,930,500	\$ 36,697,000	\$352,020,237

FY2020 CIP Budget Allocations



CIP – COUNTY CAPITAL SHARE

FY 2020 – FY 2024

Project Description	FY20	FY21	FY22	FY23	FY24	FY20-24
County Bond Funded CIP Projects						
<u>Buildings & Property:</u>						
Employee Parking Garage				1,500,000	15,000,000	16,500,000
Renovations at East Data Center	1,000,000	2,000,000				3,000,000
CJC Renovations		1,000,000	5,000,000	5,000,000	5,000,000	16,000,000
Corrections Kitchen Equipment	375,000					375,000
Juvenile Court Building Renovations			1,500,000	12,500,000	12,500,000	26,500,000
Youth Justice and Education Center		4,500,000	12,500,000	8,000,000		25,000,000
Courthouse Restoration/Records	300,000	1,000,000	1,000,000	1,000,000		3,300,000
Health Services Building		3,000,000				3,000,000
Aging Commission Relocation	800,000					800,000
Jail Annex Roof Replacement				2,300,000		2,300,000
Assessor Expansion	770,000					770,000
CJC Roof Replacement	1,300,000					1,300,000
Shelby Farms Operations Center Reno				65,000	750,000	815,000
Total Buildings & Property	4,545,000	11,500,000	20,000,000	30,365,000	33,250,000	99,660,000
<u>Information Technology Projects:</u>						
ERP Replacement			6,000,000	6,000,000		12,000,000
ICJIS Electronic Filing System		350,000				350,000
Voting Machines	2,600,000	5,000,000	2,400,000			10,000,000
Core Infrastructure Refresh	400,000	700,000	600,000			1,700,000
Courtroom Technology Updates	600,000	500,000	500,000			1,600,000
Datacenter Infrastructure Refresh			770,000	730,000		1,500,000
Regional One EHR System	7,000,000					7,000,000
Jail Security Camera upgrade				2,788,500		2,788,500
Land/Mobile Radios	1,000,000	8,200,000	7,200,000			16,400,000
Enterprise Business Intelligence System			1,500,000			1,500,000
Civil Courts Computer System Upgrade			8,000,000			8,000,000
Corrections Screening for Illegal Substance	250,000					250,000
Register's Microfilm Scanner		225,000				225,000
Juvenile Court Financial Tracking	358,000					358,000
Corrections High Definition IP Cameras			1,200,000			1,200,000
Sheriff's Automated Fingerprint System					1,750,000	1,750,000
General Sessions Civil Case Management	1,000,000	1,000,000				2,000,000
Total Information Technology	13,208,000	15,975,000	28,170,000	9,518,500	1,750,000	68,621,500
<u>Roads & Bridges Projects:</u>						
Holmes Road		1,800,000				1,800,000
Walnut Grove Expansion			2,862,500			2,862,500
Macon Road		450,000		4,337,500		4,787,500
Houston Levee Road			3,600,000			3,600,000
Hacks Cross Road		2,880,000				2,880,000
Benjestown Pedestrian Bridge			540,000			540,000
Total Roads & Bridges	-	5,130,000	7,002,500	4,337,500	-	16,470,000

CIP – COUNTY CAPITAL SHARE

FY 2020 – FY 2024

Project Description	FY20	FY21	FY22	FY23	FY24	FY20-24
<u>Community Projects:</u>						
Big Creek Resiliency Project		2,000,000	1,000,000			3,000,000
Agricenter Expo Center Renovation		300,000		4,500,000		4,800,000
Shelby Farms Park Playground	400,000					400,000
Memphis River Parks Collaboration	3,333,333					3,333,333
East Shelby Library	796,000					796,000
Contingency	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	5,000,000
Total Community Projects	5,529,333	3,300,000	2,000,000	5,500,000	1,000,000	17,329,333
Schools (FY 21 - 24 determined in future)	51,887,404					
Total County Bond Funded CIP	75,169,737	35,905,000	57,172,500	49,721,000	36,000,000	202,080,833
<u>County Pay As You Go Projects</u>						
Sky Cop Cameras	1,625,000					1,625,000
Trustee's Property Tax Collection System	1,298,000	1,445,000	935,000	697,000	697,000	5,072,000
Girls Inc	1,500,000					1,500,000
WindCorp	500,000					500,000
Hospitality Hub	375,000					375,000
University of Memphis Natatorium	1,000,000					1,000,000
MATA	2,500,000					2,500,000
Total County Pay As You Go	8,798,000	1,445,000	935,000	697,000	697,000	12,572,000
Total County Projects	83,967,737	37,350,000	58,107,500	50,418,000	36,697,000	214,652,833

CIP – NON-COUNTY CAPITAL SHARE

FY 2020 – FY 2024

Project Description	FY20	FY21	FY22	FY23	FY24	FY20-24
Roads & Bridges Projects:						
Holmes Road	350,000	7,200,000				7,550,000
Walnut Grove Expansion		500,000	8,587,500			9,087,500
Macon Road		1,350,000		13,012,500		14,362,500
Houston Levee Road			10,800,000			10,800,000
Hacks Cross Road	1,000,000	11,520,000				12,520,000
Benjestown Pedestrian Bridge			2,160,000			2,160,000
Total Roads & Bridges	1,350,000	20,570,000	21,547,500	13,012,500	-	56,480,000
<i>*In FY2020, the 20% County match for Holmes Road is funded from Roads Special Revenue Fund (included in FY20 amounts above)</i>						
Community Projects:						
Big Creek Resiliency Project	8,500,000	13,500,000	5,500,000	1,500,000		29,000,000
Total Community Projects	8,500,000	13,500,000	5,500,000	1,500,000	-	29,000,000
County Infrastructure Projects	9,850,000	34,070,000	27,047,500	14,512,500	-	85,480,000

CIP FY 2020 PROJECT ALLOCATIONS

All Funding Sources

Project Number	Project Name	Total Project ¹	County Share ²
<u>BUILDINGS & PROPERTY:</u>			
250284	Renovations at East Data Center	\$ 1,000,000	\$ 1,000,000
350171	Corrections Kitchen Equipment	375,000	375,000
307381	Courthouse Restoration/Recordsroom Reno	300,000	300,000
307370	Aging Commission Relocation	800,000	800,000
800471	Assessor Office Expansion	770,000	770,000
307389	CJC Roof Replacement	1,300,000	1,300,000
	Buildings and Property Subtotal	4,545,000	4,545,000
<u>INFORMATION TECHNOLOGY:</u>			
250284	Core Infrastructure Refresh	400,000	400,000
250285	Courtroom Technology Upgrades	600,000	600,000
201271	Regional One EHR System	7,000,000	7,000,000
610177	Land/Mobile Radio for City/County	1,000,000	1,000,000
350571	Correction's Illegal Substances Scanner	250,000	250,000
250288	Juvenile Court Financial Tracking System	358,000	358,000
800972	Voting Machines	2,600,000	2,600,000
704124	General Sessions Civil Case Management	1,000,000	1,000,000
	Information Technology Subtotal	13,208,000	13,208,000
<u>ROADS AND BRIDGES SUMMARY:</u>			
301074	Holmes Road Expansion	350,000	-
301089	Hacks Cross Road Expansion	1,000,000	-
	Roads and Bridges Subtotal	1,350,000	-
<u>COMMUNITY PROJECTS AND CONTINGENCY:</u>			
271271	Big Creek Resiliency Project	8,500,000	-
800271	Shelby Farms Park Playground	400,000	400,000
800272	Memphis River Farms Collaboration	3,333,333	3,333,333
800203	East Shelby Library	796,000	796,000
201299	Contingency	1,000,000	1,000,000
	Community Projects and Contingency Subtotal	14,029,333	5,529,333
<u>CIP Pay As You Go Projects</u>			
800205	Sky Cop Cameras	1,625,000	1,625,000
800873	Trustee's Property Tax Collection System	1,298,000	1,298,000
201298 - 9035	Girls, Inc.	1,500,000	1,500,000
201298 - 9043	WindCorp	500,000	500,000
201298 - 9036	Hospitality Hub	375,000	375,000
201298 - 9031	University of Memphis Natatorium	1,000,000	1,000,000
201298 - 9039	MATA	2,500,000	2,500,000
	Total County Pay As You Go	8,798,000	8,798,000
SCHOOLS		51,887,404	51,887,404
TOTAL FY20 CIP ALLOCATIONS		\$ 93,817,737	\$ 83,967,737

¹ Includes Federal, State, or Other Governmental reimbursements

² Funded by County Resources (Debt & County Pay As You Go)

Buildings and Property Projects**East Data Center Renovations: \$1,000,000 (FY21 - \$2,000,000)**

The County's East Data Center was constructed in the late 1990's as the disaster recovery site for the County's mainframe computers to withstand earthquakes, straight-line winds, and extended power outages. This facility is above the area's flood plains. Over the past decade, the computer room has shrunk, and the facility has transitioned into an active data center, with more than half of its floor space repurposed for personnel and support of desktop voice and data equipment. As of November 2017, the East Data Center is the primary location for both the County's voice (telephone) system and the County Fire and Sheriff Computer Aided Dispatch (CAD) system, as well as more than 40% of the County's computer systems, and virtually all of the County Assessor's computer systems. The smaller, more resilient, concrete and steel bunker will be constructed adjacent to the existing facility to house the data and voice servers. After the servers have been relocated to the new bunker, the existing facility will receive enhancements to support additional staff and additional self-sufficiency capabilities.

Financial Impact: Reduced risk of data loss as well as improved efficiency for staff.

Corrections Kitchen Equipment: \$375,000

The existing kitchen and dining facility at the Shelby County Correction Center was recently inspected for compliance with TCI standards. The comments from the report included the following. "The 2017 inspection report noted several comments concerning the physical plant area of the kitchen. There is a new food service provider that provided a positive impact, however, the kitchen physical plant has not changed significantly from previous inspections. The aging facility presents challenges while continuing to deteriorate. Walls, doors, freezers, and general overall condition of the jail food service area appear to have far outlived its intended use." This project request is for the purchase of equipment and the conversion of electric cooking appliances to gas to make the kitchen at 961 Sycamore View operational for the entire facility.

Financial Impact: The new energy efficient equipment will reduce the utility cost and the overall maintenance expense of the HVAC equipment, cooking equipment and general repairs.

Courthouse Restoration/Records room Renovation: \$300,000 (\$1,000,000 in FY21, FY22 & FY23)

The last restoration of the Shelby County Courthouse was completed in 1992. Since that time, water infiltration has caused damage to plaster walls and finishes. The floor coverings in several areas are showing signs of deterioration from continuous usage. Paneling and other wood finishes need to be restored from general wear and tear. Brass hardware needs to be repaired, replaced, and/or cleaned. Energy conservation measures need to be examined and implemented, where appropriate. ADA compliance measures need to be implemented. There are also three elevators that need to be rebuilt and brought up to current codes. And, the General Sessions Court Clerk has four (4) separate records rooms, neither of which are contiguous to each other. The current design requires many man-hours in document filing, file storage and file retrieval. In addition to providing greater file storage capacity in response to increasing demand, this project is designed to provide a centralized records room which will enhance security for court files and reduce man-hours in document filing, file storage and file retrieval.

Financial Impact: The records room portion of this project will make the process of record keeping much more efficient and resources (man hours) can be allocated to areas of greater need. There is also a small anticipated decrease in maintenance.

Aging Commission Renovation: \$800,000

The Peggy Edmiston Administration Building (PEAB) was built in 1935. During the past 10 years, the County has invested over \$2.5 million in redeveloping the PEAB, however most of the projects addressed site and structural improvements, and mechanical systems (i.e. parking lot improvement, roofing and HVAC). This project addresses building improvements within the Southeast-wing of the complex which houses the Aging Commission. This project includes HVAC ductwork replacement and control upgrades, additional lighting, and electrical upgrades.

Financial Impact: Utility savings will result from the replacement of HVAC and electrical upgrades.

Assessor Office Expansion: \$770,000

For the past 20 years, the Shelby County Assessor's Office has been located in the east wings of the Peggy Edmiston Administration Building. In FY18, a major renovation of the Assessor's space began, with the scope of work including HVAC and electrical upgrades, space efficiency improvements, ADA compliance, and new interior finishes. The result of the renovation reduced the footprint of the Assessor's offices from approximately 63,000 sq ft to 50,000 sq ft. One end result of the renovation was the vacancy of the southeast wing. In early FY19, the Assessor was advised by the Tennessee Board of Equalization, that staffing needed to be increased to properly serve Shelby County. This project provides for the consultant design services and construction services to renovate the southeast wing to accommodate expansion of the Assessor's offices.

Financial Impact: Additional efficiency is expected throughout office.

CJC Roof Replacement: \$1,300,000

The existing roof on the Criminal Justice Center was installed when the building was constructed almost 40 years ago. It has significantly exceeded the manufacturer's estimated useful life. The roof has to be patched and/or repaired numerous times each year due to exposure to extreme weather conditions. This project provides for the consultant design services and construction services to replace the existing roof with a new system. Roof is approximately 25,000 sq. ft.

Financial Impact: Repair costs will be eliminated for the length of the new warranty.

Information Technology Projects**Voting Machines: \$2,600,000 (FY21 - \$5,000,000, FY22 - \$2,400,000)**

Replacement of voting machines, tabulation software, servers and electronic poll books. Current equipment is nearing end of life and must be replaced by certified equipment. Although Tennessee currently does not require a Voter Verifiable Paper Trail (VVPT), it is anticipated that this will be required by the time of purchase. Equipment with a VVPT comes in two general formats - digital scan of pre-printed paper ballots or a ballot marking system that produces a paper trail. Digital scan has a lower upfront purchase price but has considerably higher operating costs. Ballot marking systems have lower rates of voter error and lower operating costs although they have a higher initial purchase price.

Impact on Operating Budget: A decrease is expected in personnel costs for poll workers.

Core Infrastructure Refresh: \$400,000 (FY21 - \$700,000, FY22 - 600,000)

Replace current core servers and network hardware and software. Current core infrastructure systems that will have been in service 10 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.

Financial Impact: Energy costs are expected to be reduced as the more efficient technology produces less heat.

Courtroom Technology Updates: \$600,000 (FY21 - \$500,000 & FY22 \$500,000)

Shelby County Support Services will soon begin refurbishing many of the Courtrooms. This project will attempt to compliment the structural improvements Support Services is making with the appropriate technology upgrades as the courtrooms are refurbished. This project's goal is to upgrade all courtrooms.

Financial Impact: The technology upgrades will require Audio/Video support, but is necessary for efficiency in providing public access to our court system.

Regional One EHR System: \$7,000,000

Per Agenda item 40 of the October 30, 2017 Commission Meeting, CIP funds are intended for Regional One's Electronic Health Records System (EHR) in FY21 in the amount of \$7,000,000. The Cerner EHR system will provide benefits for patients and better position information technology functionality for Regional One.

Financial Impact: No impact on the County's Operating Budget.

Land/Mobile Radio for City/County: \$1,000,000 (FY21 - \$8,200,000 & FY22 - \$7,200,000)

The current radio system is co-owned by the City of Memphis (60%) and Shelby County (40%) and reached end of life for continued support in 2017. The systems are currently housed on nine 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, and our current system only partially complies; 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.

Financial Impact: The new radio system is expected to reduce ongoing maintenance costs for repairs of aging handheld radio units.

Corrections Illegal Substances Scanner: \$250,000

Corrections seeks to purchase a device containing molecular chemical imaging technology that can provide reasonably accurate detection of illegal chemical substances to help control the amount of illegal substances trafficked into the compound. The device would keep staff from having to physically examine mail for such substances, which could be harmful upon discovery to staff, and would improve the search of inmates who leave the compound for work detail and come back on a routine basis.

Financial Impact: The use of this device would increase the safety of staff and inmates alike, and would be an active step in addressing the opioid crisis that affects all segments of the population, including inmates. This safety measure reduces the risk of litigation for the County.

Juvenile Court Financial Tracking System: \$358,000

The Juvenile Court Clerk is in need of an all-inclusive financial tracking, bookkeeping and case information system that integrates with the Juvenile Court Judges software to provide a seamless solution for both the staff and the customers. The current Juvenile Court Clerk solution is an out-of-date system that results in manual business processes and is dependent upon a single person contractor.

Financial Impact: This project is essential to maintain proper case management for citizens. In doing so, it reduces risk of litigation.

General Sessions Civil Case Management: \$1,000,000 (FY21 - \$1,000,000)

The General Sessions Civil Court Case Management system is at the end of its life. The GS Civil Division collects and disburses \$40 million per year to external stakeholders. The vendor has stopped providing new versions that now requires the Court Clerk's Office to replace the Contexte 6.0 system. The case management system will contain financials and will enhance the revenue of the Court Clerk's Office with e-filing and expedite the case process time.

Financial Impact: This project is essential to maintain proper case management for citizens. In doing so, it reduces risk of litigation.

Roads and Bridges Projects**Holmes Road Expansion: \$350,000 (\$70,000 funded from Roads & Bridges Special Revenue, \$280,000 federally funded), FY21 \$7.2 million Federal funding & \$1.8 million County Share**

This project improves a 2.2 mile residential segment of Holmes Road that is recommended for improvement due to growth in this area of Shelby County and the need for improved pedestrian and bicycle mobility. The roadway is being improved from two to four lanes with a treed median, bicycle lanes, and sidewalks. A large elementary school lies along this section of roadway.

Financial Impact: Road expansions increase annual repaving cost; additional funding provided in Roads & Bridges operating budget.

Hacks Cross Road: \$1,000,000 (\$200,000 funded from Roads & Bridges Special Revenue, \$800,000 federally funded), FY21 \$11.5 million Federal funding & \$2.9 million County Share

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.

Financial Impact: Road expansions increase annual repaving cost; additional funding provided in Roads & Bridges operating budget.

Community Projects**Big Creek Resiliency Project: \$8,500,000 (100% Grant Funded in FY20), FY21 \$13.5 million Grant Funded & \$2 million County Share, FY22 \$5.5 million Grant Funded & \$1 million County Share, FY23 \$1.5 million Grant Funded**

This project provides an expanded floodway to prevent the City of Millington and the Naval Support Activity from flooding during extreme rain events. These areas have flooded multiple times over the past 15 years with damages exceeding \$500,000,000. This project will increase the storage capacity for storm water to maintain a peak water level during high rain events below the top of the Big Creek Levee. The project will make room for the river to flow around Millington rather than flooding the city. The area will be used as a park and for other recreational activities during the times of normal rainfall. The project protects the area from flooding and provides a new community space that can be used by all residents of Shelby County.

Financial Impact: Flood risk reduction. Investment mitigates cost of potential damages and recovery efforts.

Shelby Farms Park Playground: \$400,000

A renovation of the current playground at Shelby Farms is required to eliminate safety concerns. The Net+ Treehouse Nest has been closed for more than a year due to the safety concerns. The total project cost for the County is \$400,000 and it includes excavating dead trees trunks and roots, installing a new play safety surface, repairing broken wooden boards in tree house and platforms, and repairing frayed ropes. The result will be a safer and more sustainable play area.

Financial Impact: No impact on the County's Operating Budget.

Memphis River Parks Collaboration: \$3,333,333

The \$60 Million Dollar redevelopment of Tom Lee Park is designed to be a signature public park for Shelby County where community life can flourish year-round, grounded in the river's dynamic rhythms and local ecology. Architecture and landscape work closely together to make the park a welcoming, comfortable, places for all Shelby Contains and tourists alike, whether they're taking part in outdoor activities or relaxing along the Mississippi. The park's 30 acres are laid out as a series of four distinct zones which flow together to support a variety of active and passive uses. The zones are inspired by the unique features of the Mississippi River Basin: cutbank, oxbow, riffle, pool, and tailout. Together these dynamic forms create a template for diverse civic spaces and ecological revitalization in downtown Memphis.

Financial Impact: No impact on the County's Operating Budget.

East Shelby Library: \$796,000

The East Shelby Drive Branch Library was constructed in 1999 on a 6.4 acre site, located at 7200 East Shelby Drive. The library is in good overall condition, enduring normal wear and tear for approximately 20 years. However, there are several issues that need to be addressed, such as: 1) the parking lot shows visible cracks and deterioration that need repair, 2) evidence of soil erosion is apparent near the building due to rainwater runoff in the blue line creek adjacent to the foundation, 3) the mechanical systems have reached the end of their useful lives and need to be replaced, 4) the existing fluorescent lighting needs to be replaced with LED lighting, 5) some exterior painting and rust repair is necessary, and 6) a few minor ADA infractions need to be corrected.

Financial Impact: The repairs will minimize major repair needs in future years.

Contingency: \$1,000,000

Included for all years for unanticipated capital needs.

Schools

For FY20, the County Commission approved total allocations in the amount of \$51,887,404 for capital funds for all school districts as a response to a capital improvement request made by Shelby County Schools (SCS). Of this amount, \$40,000,000 is provided to SCS and \$11,887,404 is the combined total provided to all other schools districts within Shelby County based on Weighted Full-Time Equivalent Average Daily Attendance (WFTEADA), as required of the County by TN State law when providing funds to SCS. Specific projects will be subsequently approved by separate resolution of the County Commission and Shelby County Board of Education. The County Commission does not have project approval authority for the municipal school districts.

Pay As You Go Projects**Trustee's Property Tax Collection System: \$1,298,000 (FY21 \$1,445,000, FY22 \$935,000, FY22 & FY23 \$697,000)**

The Trustee is seeking to purchase a highly configurable, enterprise-level, Comprehensive Software Solution for Property Tax Payments and Collections with the functionality to maintain, bill, collect, distribute, and track properties with the associated taxes. The system must provide for multiple integration points or modules to facilitate and streamline property tax administration across the entire property life cycle, including but not limited to deed registration, property valuation, and tax collection. The existing tax solution is twenty-years old and is required to sustain critical county operations, specifically those related to revenue.

Financial Impact: Future staffing reductions are expected as a result of this new software. Also, the new licensing fees will be a reduction from the prior system's licensing fees.

Skycop Cameras: \$1,625,000

There is a need for additional Sky Cop Cameras throughout Shelby County. This project is intended to provide a total of 325 cameras.

Financial Impact: This project creates a more efficient surveillance system of the County to assist our police officers and communities.

Girls Inc: \$1,500,000

Provide needed support for planned expansion in Frayser.

Financial Impact: No impact on the County's Operating Budget.

WINDCorp: \$500,000

Provide support for development in Whitehaven.

Financial Impact: No impact on the County's Operating Budget.

University of Memphis Natatorium: \$1,000,000

Provide support for development of Natatorium on the University of Memphis campus.

Financial Impact: No impact on the County's Operating Budget.

MATA: \$2,500,000

Initial capital support for MATA to implement long term strategic plan.

Financial Impact: No impact on the County's Operating Budget.

Hospitality Hub: \$375,000

Support the development of a homeless center in Memphis.

Financial Impact: No impact on the County's Operating Budget.

FY 2020 CAPITAL ASSETS/PROJECTS BUDGETED IN OTHER FUNDS

Listed below are capital asset acquisitions or construction projects that have been budgeted for FY20 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:
115,000	Administration & Finance	Office Furniture & Building Improvements
79,800	Information Technology Svcs	Backup & Archive Storage
243,180	Public Works	Infrastructure, Buildings, & Heavy Equipment
72,000	Health Services	Conversion of Van for Rabies Control, & Other Equipment
2,190,710	Sheriff	Passenger Vehicles & Heavy Equip., Electronic & Comp. Equip.
40,083	Other Elected Officials	Office Furniture & Equip., Electronics & Equip.
\$ 2,740,773	Total General Fund	
2,379,782	Roads & Bridges Fund	Electronics, Utility/Other Vehicles, Heavy Equip.
3,247,255	Roads & Bridges Fund	Asphalt Paving - Infrastructure, Land, & Right of Way
228,991	Storm Water Fund	Construction Contracts
1,021,000	Sewer Maintenance	Architectural & Engineering Services for Cotton Creek
50,000	Vector Control Fund	Utility & Other Vehicles
60,000	Sheriff ALERT Fund	Passenger Vehicles & Utility Vehicles
750,000	Sheriff Narcotics Fund	Electronic & Computer Equipment, Vehicles & Building Improv.
15,000	Criminal Court Clerk	Electronic & Computer Equipment
2,000	General Sessions Civil	Building Improvements
3,338	General Sessions Criminal	Electronic & Computer Equipment
18,757	Register DP Fund	Electronic & Computer Equipment
\$ 7,776,123	Total Special Revenue Fund	
80,000	CAO - Office of Preparedness	Electronic & Computer Equipment for Homeland Security
390,000	Planning & Development	Electronic & Computer Equipment and Land Improvements
17,675,000	Planning & Development	Buildings & Improvements, Land, CIP - Construction Contracts for HUD Resiliency Program Projects
87,291	Public Works - Fire Dept.	Specialized Equipment for Firefighter Assistance Grant
8,770,785	Public Works	Congestion Management Projects (CMAQ Grants)
5,421,731	Public Works	Roads & Bridges Maintenance Grant 766 (Paving)
10,000	Corrections	Offender Re-Entry Program Building Improvements
65,450	Health Services	Buildings & Improvements for Air Pollution Grant
9,008	Sheriff	Electronic & Computer Equip., Justice Assistance Grant (Homeland Security)
700	Attorney General	Office Furniture & Equip., Justice Assistance Grant
\$ 32,509,965	Total Grant Funds	
1,000,000	Codes Enforcement	Buildings & Improvements for Office Renovations
239,658	Fire Department	Utility/Other Vehicles, Electronics, & Other Equipment
150,000	Fire Department	Buildings & Improvements for Station 60
339,300	Corrections	Vehicles, Heavy Equip., Electronic & Comp. Equip.
400,000	Corrections	Buildings & Improvements & Heavy Equipment
\$ 2,128,958	Total Enterprise Funds	
230,000	IT Internal Service Fund	Purchase of 2 projectors for Office of Preparedness
490,200	Fleet Vehicle Replacement Fund	Utility/Other Vehicle Purchases for Replacement Program
\$ 720,200	Total Internal Service Funds	
\$ 45,876,019	Total Capital Asset Acquisitions/Projects Not Funded from CIP	

This page intentionally left blank.