

CAPITAL IMPROVEMENTS PROGRAM

General Government

Horse Show Area Lighting (East)					
Description					
<p>During the sports lighting replacements at Farmington Park in 2005, some of the old wooden poles and fixtures were repurposed to the east practice arenas. Since then the repurposed poles have deteriorated and have become a serious safety issue. The east arenas are heavily used at night during horse show events. Replacement is recommended.</p>					
Funding Source	Reserves	Grants	Bonds	Hall	State & Federal
	\$195,000				
					Total: \$195,000
Net Operating Financial Impact: There is no additional operating cost associated with this project.					

TOTAL GENERAL GOVERNMENT

\$195,000

S4 Backup Data Center Independent HVAC System					
Description					
<p>This project will provide an independent HVAC system designed specifically to keep the data center at the optimum temperature. The addition of this equipment will eliminate problems with seasonal weather changes that is experienced with the current HVAC system serving the data center. Once complete, this project will provide support for the City's backup network and PSAP equipment promoting short and long-term solutions for safety and security of the City's assets.</p>					
Funding Source	Reserves	Grants	Bonds	Hall	State & Federal
	\$100,000				
					Total: \$100,000
Net Operating Financial Impact: Installation will increase cost approximately \$1,000 per year.					

Quint Fire Apparatus Replacement F-141					
Description					
<p>F-141 is a 1994 Smeal Quint fire apparatus that was purchased in FY-1993. The normal utilization of a Quint fire apparatus is similar to a fire pumper with fifteen (15) years in front-line service and five (5) years as a reserve apparatus. In FY22 F-141 will reach 27 years of service.</p>					
Funding Source	Reserves	Grants	Bonds	Hall	State & Federal
	\$1,300,000				
					Total: \$1,300,000
Net Operating Financial Impact: There is no additional operating cost associated with this project.					

CAPITAL IMPROVEMENTS PROGRAM

Ambulance Replacement					
Description					
Purchase of a new ambulance to replace F-172, a 2013 Taylor Made ambulance, in FY22. During FY22 this ambulance will reach nine (9) years of service as a primary and back-up ambulance.					
Funding Source	Reserves	Grants	Bonds	Hall	State & Federal
	\$250,000				
					Total: \$250,000
Net Operating Financial Impact: There is no additional operating cost associated with this project.					

TOTAL FIRE

\$1,650,000

Major Roads

Milling and Overlay – Neshoba and WRB West					
Description					
Project involves a complete mill/overlay of WRB from Riverdale Road to the western City Limits. Project will also include upgrading existing ramps to current ADA standards, deteriorated sidewalk and curb/gutter will be replaced as needed, bike lanes and updating of all roadside signage.					
Project involves replacement of deteriorated curb/gutter and sidewalk, full depth replacement as needed, mill/overlay, new striping and updated signage along the approximately 1,000' stretch of Neshoba Rd. from Germantown Road to Exeter.					
Funding Source	Reserves	Grants	Bonds	Hall	State & Federal
	\$64,000				\$256,000
					Total: \$320,000
Net Operating Financial Impact: Upgrades will reduce maintenance responsibility by \$5,000.					

Forest Hill Irene Rd. Improvements Poplar to WRB Design					
Description					
Forest Hill-Irene Road is a major north-south corridor on the eastern side of the city. Traffic has steadily increased through the years as this portion of the city has grown tremendously. As subdivisions have developed along this roadway, Forest Hill Irene improvements (widening) have also occurred. However, the 2-lane rural cross section remains for the areas that have not developed. The “saw-tooth” pattern of 2-lanes to 4-lanes and vice-versa results in an unsafe driving condition. Federal funds (80/20) have been approved for this project.					
Funding Source	Reserves	Grants	Bonds	Hall	State & Federal
	\$75,000				\$300,000
					Total: \$375,000
Net Operating Financial Impact: Upgrades will increase maintenance responsibility by \$5,000.					

CAPITAL IMPROVEMENTS PROGRAM

Poplar Avenue Culvert Replacement Program Construction Phase V					
Description					
<p>The results of an Engineering Report completed in May 2010 revealed that thirty-one (31) of a total of forty-eight (48) stormwater culverts crossing under Poplar Avenue within the City Limits of Germantown were in immediate need of replacement or had reached the end of their design life. Since then the City has been systematically replacing those deteriorated culverts utilizing 100% Surface Transportation Program funding. To date, twenty-one (21) of the thirty-one (31) most critical culvert crossings have been replaced. Ten (10) culverts remain to be replaced.</p>					
Funding Source	Reserves	Grants	Bonds	Hall	State & Federal
					\$500,000
					Total: \$500,000
Net Operating Financial Impact: Upgrades will reduce maintenance responsibility by \$5,000.					

TOTAL MAJOR ROADS

\$1,195,000

Intersections and Others

Signalization at Houston High School					
Description					
<p>A signal warrants analysis of this intersection was performed in 2018. A signal at this location is warranted. Signalization of this intersection will be interconnected with the existing signalized Wolf River Blvd. intersections of Houston Levee, Dogwood Grove, Johnson and FHI. Interconnected signals will improve traffic flow throughout this entire corridor. The City requested and received 100% federal funds for this project.</p>					
Funding Source	Reserves	Grants	Bonds	Hall	State & Federal
					\$400,000
					Total: \$400,000
Net Operating Financial Impact: Installation will increase maintenance costs \$2,000 per year.					

Wolf River Boulevard/Germantown Road Intersection					
Description					
<p>This intersection is a key intersection located in the center of Shelby County. The opening of the new segment of Wolf River Blvd. and continued development within the Medical Corridor has led to increased pressure on the intersection. This project involves Construction and CEI for additional lanes to Germantown and WRB. Signal upgrades at Brierbrook/Germantown Rd, WRB/Germantown Rd and Wolf Trail Cv/Germantown Rd. intersections are included in the project.</p>					
Funding Source	Reserves	Grants	Bonds	Hall	State & Federal
					\$8,500,000
					Total: \$8,500,000
Net Operating Financial Impact: Installation will increase maintenance costs approximately \$4,000 per year.					

TOTAL INTERSECTION/OTHER

\$ 8,900,000

CAPITAL IMPROVEMENTS PROGRAM

Drainage

City Wide Master Drainage Plan					
Description					
<p>This project would develop a master drainage plan to provide the city with sufficient, up-to-date, and accurate information to systematically plan and manage its drainage systems and provide a higher flood protection to its citizens, communities, properties, and infrastructure investments. The plan will contain information to existing drainage system conditions, location and extent of drainage problem areas, inadequate systems, proposed improvements, cost associated with the criteria for future drainage improvements and land.</p>					
Funding Source	Reserves	Grants	Bonds	Hall	State & Federal
	\$150,000				
					Total: \$150,000
Net Operating Financial Impact: There is no additional operating cost associated with this project.					

Duntreath Ditch					
Description					
<p>The Duntreath ditch was constructed through the 70's and 80's as development occurred. Most of the ditch was designed to Shelby County design standards. This standard is a 10-year storm. This ditch is in poor shape from Dogwood Road to the north end.</p>					
Funding Source	Reserves	Grants	Bonds	Hall	State & Federal
		\$285,000	\$1,600,000		
					Total: \$1,885,000
Net Operating Financial Impact: There is no additional operating cost associated with this project.					

English Meadows					
Description					
<p>Phase I was constructed in 1998-1999. It improved the major drainage outlet system for the area. Phase II is to improve the neighborhood system of two interior areas of English Meadows. Improvements will be to increase pipe sizes and added manholes and inlets.</p>					
Funding Source	Reserves	Grants	Bonds	Hall	State & Federal
	\$700,000				
					Total: \$700,000
Net Operating Financial Impact: Installation will increase maintenance costs approximately \$300 per year.					

CAPITAL IMPROVEMENTS PROGRAM

Fox Hill Circle East Culvert					
Description					
There is an existing 71" x 103" asphalt T-coated 14-gauge corrugated metal culvert that conveys stormwater through "The Highlands, Section B" subdivision. The 71" x 103" corrugated culvert is failing at the start of where the metal pipe begins. The pipe/culvert has exceeded its useful life and in need of replacement.					
Funding Source	Reserves	Grants	Bonds	Hall	State & Federal
	\$100,000				
					Total: \$100,000
Net Operating Financial Impact: There is no additional operating cost associated with this project.					

Cedarwood Drive/Mimosa Road - Design					
Description					
There is an existing 54" underground drainage pipe system just west of the Mimosa Drive in the Mimosa 1st Addition Subdivision. The neighborhood has been dealing with drainage issues for several years. The concept is to design a diversion pipe to collect the 2-year storm event and above to the existing Howard/McVay Detention Regional Basin.					
Funding Source	Reserves	Grants	Bonds	Hall	State & Federal
	\$100,000				
					Total: \$100,000
Net Operating Financial Impact: Installation will increase maintenance costs by \$7,000 per year.					

Miller Farms (Lateral B) Drainage Improvements					
Description					
The Miller Farms ditch was constructed through the 60's and 70's as development occurred. Most of the ditch was designed to Shelby County design standards. This standard is a 10-year storm. This ditch is in poor shape from Neshoba Road to the north end.					
Funding Source	Reserves	Grants	Bonds	Hall	State & Federal
		\$1,140,000			
					Total: \$1,140,000
Net Operating Financial Impact: There is no additional operating cost associated with this project.					

TOTAL DRAINAGE

\$4,075,000

CAPITAL IMPROVEMENTS PROGRAM

Parks

Germantown Station Park Reinvestment Phase I					
Description					
Construction of the trail connector around the lake, making the current walking trail a complete loop around the park. The reinvestment effort also includes replacement of the current playground unit and surfacing. Construction drawings were completed during the 2019 fiscal year by Dalhoff Thomas for the walking trail.					
Funding Source	Reserves	Grants	Bonds	Hall	State & Federal
	\$230,000				
					Total: \$230,000
Net Operating Financial Impact: Installation will increase maintenance costs by \$7,000 per year.					

Cameron Brown Parking					
Description					
One of the biggest challenges facing Cameron Brown Park is the lack of parking to accommodate youth baseball and football. This project request will fund an additional 59 parking spaces throughout the complex.					
Funding Source	Reserves	Grants	Bonds	Hall	State & Federal
	\$250,000				
					Total: \$250,000
Net Operating Financial Impact: Installation will increase maintenance costs by \$7,000 per year.					

Parkland Acquisition					
Description					
This project request is to provide funding for land acquisition in order to develop the recommended long-field complex and community park in south Germantown. Forty-Sixty acres will be needed to implement Plan recommendations. Based on current property costs in Germantown, a multiple year land acquisition may be required. The 6-year CIP budget for Parks and Recreation allows for this possibility.					
Funding Source	Reserves	Grants	Bonds	Hall	State & Federal
	\$2,700,000				
					Total: \$2,700,000
Net Operating Financial Impact: Acquisition will increase maintenance costs by \$85,000 per year.					

CAPITAL IMPROVEMENTS PROGRAM

Long Field Complex - Design					
Description					
This project assumes that parkland was purchased for a long field complex. This project allows for design and site work development of a long field complex.					
Funding Source	Reserves	Grants	Bonds	Hall	State & Federal
	\$500,000				
					Total: \$500,000
Net Operating Financial Impact: Acquisition & development of the parkland will increase annual maintenance by \$85,000.					

TOTAL PARKS

\$3,680,000

Stormwater

Annual Miscellaneous Drainage Improvements					
Description					
This project is part of the City's ongoing response to address small, isolated concerns regarding relieving flood prone properties and making improvements to the existing drainage system where "hot spots" of drainage problems exist in established residential neighborhoods.					
Funding Source	Reserves	Grants	Bonds	Hall	State & Federal
	\$50,000				
					Total: \$50,000
Net Operating Financial Impact: There is no additional operating cost associated with this project.					

Redbud Trails					
Description					
Installation of a detention pond at the Bodine School Facility.					
Funding Source	Reserves	Grants	Bonds	Hall	State & Federal
	\$650,000				
					Total: \$650,000
Net Operating Financial Impact: There is no additional operating cost associated with this project.					

CAPITAL IMPROVEMENTS PROGRAM

Riverdale Road Outlet End Culvert - Design					
Description					
This project is to repair three existing reinforced concrete box culverts that are failing and settling severely and serve as an outfall for Mimosa Gardens/Monterrey Villa/Wildwood Farms and all upstream stormwater drainage basins.					
Funding Source	Reserves	Grants	Bonds	Hall	State & Federal
	\$80,000				
					Total: \$80,000
Net Operating Financial Impact: There is no additional operating cost associated with this project.					

TOTAL STORMWATER

\$780,000

Municipal Schools

Houston High School Field House					
Description					
In FY19, the city made its first payment towards the matching grant agreement with GMSD and private donors to construct a new field house at Houston High School. This will be a \$200,000 a year, 5-year agreement, which will fund the complete renovation and expansion of the field house.					
Funding Source	Reserves	Grants	Bonds	Hall	State & Federal
	\$200,000				
					Total: \$200,000
Net Operating Financial Impact: There is no additional operating cost associated with this project.					

Sprinkler System					
Description					
A new sprinkler system is required by fire code in the existing building as part of the Houston Middle School addition project.					
Funding Source	Reserves	Grants	Bonds	Hall	State & Federal
	\$376,310				
					Total: \$376,310
Net Operating Financial Impact: There is no additional operating cost associated with this project.					

CAPITAL IMPROVEMENTS PROGRAM

Houston Middle School Secure Entrance					
Description					
GMSD has completed new secure entrances at Dogwood Elementary, Forest Hill Elementary, Riverdale Elementary, and Houston High Schools. This project will upgrade the existing entrance at Houston Middle School adding a second level of security for gaining access to the school, students, and staff.					
Funding Source	Reserves	Grants	Bonds	Hall	State & Federal
	\$500,000				
					Total: \$500,000
Net Operating Financial Impact: There is no additional operating cost associated with this project.					

Houston Middle School Addition					
Description					
The addition consists of 3 science labs, 2 art rooms, a choir/performing arts room, a gymnasium, locker rooms, restrooms, etc. The need exists as GMSD is currently over capacity at Houston Middle School.					
Funding Source	Reserves	Grants	Bonds	Hall	State & Federal
			\$5,000,000		
					Total: \$5,000,000
Net Operating Financial Impact: There is no additional operating cost associated with this project.					

TOTAL MUNICIPAL SCHOOLS

\$6,076,310

Utilities

Elevated Water Tank					
Description					
Build a 250,000-gallon elevated tank on the northeast side of the planned subdivision south of Poplar Pike east of Forest Hill Road in the eastern portion of our City.					
Funding Source	Reserves	Grants	Bonds	Hall	State & Federal
		\$1,000,000	\$2,134,000		
					Total: \$3,134,000
Net Operating Financial Impact: Installation will increase maintenance cost approximately \$15,000 per year.					

CAPITAL IMPROVEMENTS PROGRAM

Automated Meter Reading Phase I					
Description					
The first phase for consideration would be to procure a Professional Services Agreement (PSA) to aid Public Works in designing, formulating, and publicizing our plan of action in moving forward with some form of Automated Meter Reading technology.					
Funding Source	Reserves	Grants	Bonds	Hall	State & Federal
	\$100,000				
					Total: \$100,000
Net Operating Financial Impact: There is no additional operating cost associated with this project.					

TOTAL UTILITY FUND

\$ 3,234,000

FY22 TOTAL - \$30,135,310

Local - \$19,829,310
 Federal State - \$9,956,000
 Contingency - \$350,000