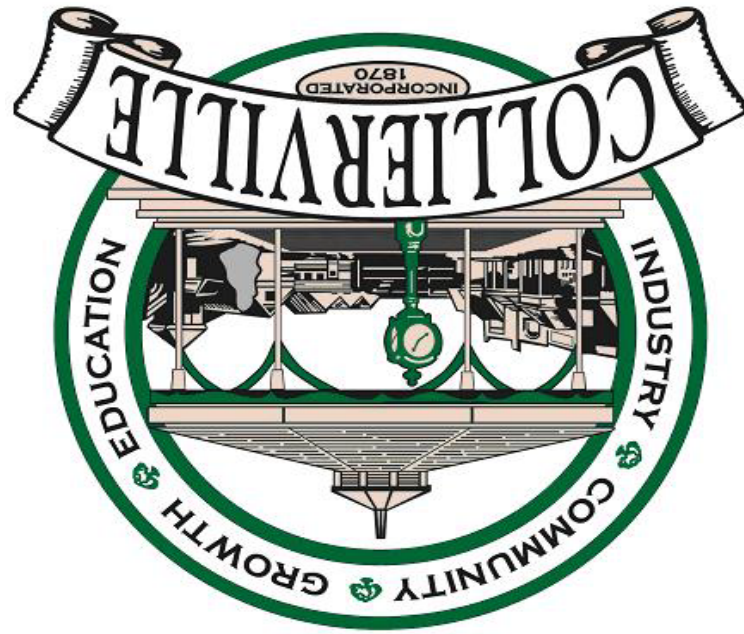


TOWN OF COLLIERVILLE T E N N E S S E E



FY 2019-2020

Capital Investment Program



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FY 2020

TOWN OF COLLIERVILLE CIP SUMMARY BY FUNCTION

	APPROVED FY 2020	PROJECTED FY 2021	PROJECTED FY 2022	PROJECTED FY 2023	PROJECTED FY 2024
Expenses					
General Government	1,212,500	565,500	312,000	5,000,000	-
Development	1,395,000	2,972,000	710,000	14,058,000	360,000
Public Safety	1,126,000	-	1,174,000	4,802,000	200,000
Parks & Recreation	500,000	750,000	750,000	750,000	750,000
Public Services	422,000	692,000	709,000	693,000	365,000
Public Utilities	3,890,000	1,150,000	2,600,000	2,700,000	1,465,000
Total Expenses	8,545,500	6,129,500	6,255,000	28,003,000	3,140,000
Funding Sources					
CDBG	100,000	-	-	-	-
Fire Facility Fee	-	-	150,000	-	-
General Fund	2,013,500	1,002,900	1,746,000	12,624,600	610,000
TDOT	680,000	1,576,600	-	9,910,400	-
Parks Improv. Fund	500,000	750,000	750,000	750,000	750,000
Police Privilege Tax	230,000	-	-	-	-
Sanitation	422,000	492,000	449,000	458,000	315,000
Storm Water	810,000	1,158,000	560,000	1,560,000	-
W&S Reserves	3,790,000	1,150,000	2,600,000	2,700,000	1,465,000
Total Funding Sources	8,545,500	6,129,500	6,255,000	28,003,000	3,140,000

TOWN OF COLLIERVILLE CIP SUMMARY BY FUNCTION

Department	Project	2020	2021	2022	2023	2024	TOTAL CIP	
General Services	Community Center Air Handlers (3) Replacement	215,000					215,000	
	Community Center Roof Replacement	417,500					417,500	
	Eastbrook Greenbelt Trail Bank Stabilization	350,000					350,000	
	Linda Kerley Center A/C for Gym & Lobby	60,000					60,000	
	Parking Lot Overlays - WC Johnson Park	170,000	120,000	122,000			412,000	
	Community Center HVAC VAV Boxes & Control System Replacement		221,500				221,500	
	Crosswinds Trail - Greenbelt Trail Bank Stabilization		43,000				43,000	
	Equipment Wash Down Bay		90,000				90,000	
	HVAC Package Unit Replacements - Public Services		91,000				91,000	
	Medians Landscape & Irrigation			190,000			190,000	
	Library Expansion				5,000,000		5,000,000	
	Development	ADA Project - Sidewalk/Curb Ramp Improvements	50,000	50,000	50,000	50,000	50,000	250,000
		Downtown Drainage Phase III	90,000			500,000		590,000
		Frank Road Bridge Ditch Bank Stabilization	50,000	115,000				165,000
Lawnwood & Retts Way (Inlets)		35,000					35,000	
North Rowlett Parking Lot		75,000					75,000	
Powell Road at Peterson Lake Drainage Improvements		150,000					150,000	
Sanders Creek Bank Stabilization		65,000	525,000	70,000	360,000		1,020,000	
Shelton Road Bridge (MPO)		650,000					650,000	
Signalization of Byhalia Road and Collierville Road (MPO)		85,000	440,000				525,000	
Signalization of Winchester and Shea Road (MPO)		75,000	475,000				550,000	
Schilling Ditch Tarren Mills (Design)		70,000		325,000			395,000	
Houston Downs S/D Drainage Improvements			50,000				50,000	
Lateral K Bank Stabilization			425,000				425,000	
SR175 Widening (Jasper Park to Shelby Post) (MPO)			827,000				827,000	
Sycamore Road Realignment (North of Shelby Dr.)			65,000	100,000			165,000	
South Rowlett Drainage Improvements				85,000			85,000	
Queen Oaks Bank Stabilization				80,000	700,000		780,000	
Shelby Drive Widening & Bridge (Sycamore to Hwy 72) (MPO)					12,388,000		12,388,000	
Mast Arm Upgrades (Main and Poplar)					60,000	310,000	370,000	
Public Safety	CAD / RMS Replacement Servers	230,000					230,000	
	Replacement Rescue/Pumper Truck (F-24)	896,000					896,000	
	Fire Station #6 - Design			150,000			150,000	
	Replacement Rescue/Pumper Truck (1) - 2022			1,024,000			1,024,000	
	Fire Station #6 - Apparatus				1,502,000		1,502,000	
	Fire Station #6 - Construction				3,300,000		3,300,000	
	Replacement Self-Contained Breathing Apparatus SCBA (Phase I)					200,000	200,000	
Parks & Recreation	Hinton Park Playground & Performance Lawn	500,000					500,000	
	Greenbelt Overlay System		200,000	500,000			700,000	
	Hinton Park - Parking Lot Expansion		300,000				300,000	
	Playground Surface Renovations		125,000	125,000			250,000	

Department	Project	2020	2021	2022	2023	2024	TOTAL CIP	
Parks & Recreation	Spray Park Re-Surfacing - W.C. Johnson & Suggs		125,000				125,000	
	Suggs Park Improvements			125,000			125,000	
	Multi-Purpose Athletic Field - Cricket				300,000		300,000	
	WCJ Turf Replacement - Multi-Purpose Fields				400,000		400,000	
	WT Price Park - Trailhead Parking Lot				50,000		50,000	
	Wolf River Regional Greenbelt Trail - Phase 1					500,000	500,000	
	WT Price Park Improvements					250,000	250,000	
Public Services	Equipment - Brush Truck	140,000		146,000	149,000		435,000	
	Equipment - Rear Loading Garbage Truck	182,000					182,000	
	Equipment - Side Loader	100,000					100,000	
	Equipment - Automated Garbage Truck		297,000	303,000	309,000	315,000	1,224,000	
	Equipment - Automated Leaf Machine		195,000				195,000	
	Equipment - Tandem Axle Dump Truck		125,000				125,000	
	Re-Paving of Public Services Parking Lot		75,000				75,000	
	Equipment - Lowboy Trailer			50,000			50,000	
	Equipment - Track Excavator			210,000			210,000	
	Equipment - Wheel Loader				165,000		165,000	
	Heavy Truck Lift				70,000		70,000	
	Parking Lot Expansion at Public Services					50,000	50,000	
	Public Utilities	Gallina Sewer	450,000					450,000
		Halley Road Sewer	190,000					190,000
Shelton Rd. WWTP Solids Expansion		2,300,000					2,300,000	
Southwest Annex Sewer		950,000	250,000		2,100,000		3,300,000	
CIPP Sewer Replacement			300,000				300,000	
North Rowlett Water Line			600,000				600,000	
Shelby Dr Sewer (High School to Hwy 72)				2,000,000			2,000,000	
Water Distribution System Improvements				600,000	600,000	600,000	1,800,000	
Equipment - Backhoe						115,000	115,000	
Sewer System Improvements						750,000	750,000	
TOTAL CIP		8,545,500	6,129,500	6,255,000	28,003,000	3,140,000	52,073,000	



FY 2020

GENERAL SERVICES CIP SUMMARY

	APPROVED FY 2020	PROJECTED FY 2021	PROJECTED FY 2022	PROJECTED FY 2023	PROJECTED FY 2024	TOTAL 5 YEAR CIP
PROJECT						
General Services						
Community Center Air Handlers (3) Replacement	215,000	-	-	-	-	215,000
Community Center Roof Replacement	417,500	-	-	-	-	417,500
Eastbrook Greenbelt Trail Bank Stabilization	350,000	-	-	-	-	350,000
Linda Kerley Center A/C for Gym & Lobby	60,000	-	-	-	-	60,000
Parking Lot Overlays - WC Johnson Park	170,000	120,000	122,000	-	-	412,000
Community Center HVAC VAV Boxes & Control System Replacement	-	221,500	-	-	-	221,500
Crosswinds Trail - Greenbelt Trail Bank Stabilization	-	43,000	-	-	-	43,000
Equipment Wash Down Bay	-	90,000	-	-	-	90,000
HVAC Package Unit Replacements - Public Services	-	91,000	-	-	-	91,000
Medians Landscape & Irrigation	-	-	190,000.0	-	-	190,000
Library Expansion	-	-	-	5,000,000	-	5,000,000
Total General Services CIP	1,212,500	565,500	312,000	5,000,000	-	7,090,000
Funding Sources						
General Fund Reserves	862,500	522,500	312,000	5,000,000	-	6,697,000
Storm Water	350,000.0	43,000.0	-	-	-	393,000
Total Funding Sources	1,212,500	565,500	312,000	5,000,000	-	7,090,000

FY 2020	TOWN OF COLLIERVILLE CAPITAL INVESTMENT PROGRAM		
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RESPONSIBLE DEPARTMENT General Services	PROJECT TITLE Community Center - HVAC Air Handlers (3) Replacement	PROJECT MANAGER Derek Honeycutt	ACCOUNT NO. 321-41910-921-202001
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PROJECT DESCRIPTION
 The purpose of this project is to replace the HVAC system air handlers which will be the second (2nd) phase of a three (3) phase process to replace all major components of the Community Center HVAC system. Each existing unit will be cut into pieces allowing the removal of them through the man doors of the mechanical room. The new air handling units will then be installed in the mechanical room and connected to the existing ductwork system.

BACKGROUND/HISTORY
 The three (3) air handling units are original to the 1984 building construction. All three (3) air handlers have passed their intended life expectancy which have become costly to operate and maintain. Maintenance Technicians are experiencing continued difficulties in controlling the building environment with conditioned air in the theater, offices and DAC.

IMPACT ON OPERATING BUDGET
 Utilities savings due to a more energy efficient unit(s).

LOCATION MAP

PROJECT COSTS	Prior Appropriations	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	TOTAL
LAND/RIGHT OF WAY							-
DESIGN/ENGINEERING		15,000					15,000
UTILITY RELOCATION							-
CONSTRUCTION							-
LANDSCAPING							-
EQUIPMENT/FURNISHINGS		200,000					200,000
OTHER							-
TOTAL COSTS	-	215,000	-	-	-	-	215,000
SOURCE OF FUNDS	Prior Appropriations	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	TOTAL
GENERAL FUND		215,000					215,000
WATER & SEWER FUND							-
BONDS							-
OTHER - TDOT							-
OTHER -							-
TOTAL SOURCE	-	215,000	-	-	-	-	215,000



PROJECT SCHEDULE	START	FINISH
LAND/RIGHT OF WAY		
DESIGN/ENGINEERING	8/20	12/20
UTILITY RELOCATION		
CONSTRUCTION	3/21	6/21
TOTAL PROJECT	8/20	6/21

FY 2020 TOWN OF COLLIERVILLE CAPITAL INVESTMENT PROGRAM

RESPONSIBLE DEPARTMENT General Services	PROJECT TITLE Community Center Roof Replacement	PROJECT MANAGER Mike Cannon	ACCOUNT NO. 321-41910-921-202002
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PROJECT DESCRIPTION
 This project will consist of replacing the flat roof system covering the Community Center and Theater. (This project will **not** include the newer roof on the gymnasium) Approved funding will pay the cost for a licensed engineer to prepare construction drawings and perform construction administration. (The State of Tennessee requires a licensed engineer prepare and seal with his/her stamp the drawings of roof construction project costing more than \$25,000.) The remaining approved funding will be directed toward contracting with a roof contractor to remove the existing layers of roof and insulation materials down to the metal deck and install 2 layers of no less than R-30 insulation material, base roof material sheeting modified granulated cap sheet, new plywood on parapet walls, flash walls with torch applied roof material and shop fabricate needed metal components for a complete project. A 20-year manufacturer's warranty will be supplied following acceptance of the finished product.

BACKGROUND/HISTORY
 The flat roof system with varying roof levels was installed on the Community Center in 1984. Since that time, this portion of the roof has received additional layers of roof material along with roof coatings in order to extend the life of the system past its normal 20 - 25 year expectancy. Currently, the roof has standing water on it most of the time meaning the insulation has been compromised creating birdbaths that hold water deteriorating the roof material. Side walls or parapet walls, as referred to in the commercial roofing industry, has lost its adhesive strength and has created pockets at the failures that hold water. Roof leaks during rain events have been minimized but not completely eradicated due to the factors mentioned earlier. Many staff labor hours are spent on locating and repairing leaks and replacing ceiling tiles.

IMPACT ON OPERATING BUDGET
 A reduction in Facility Maintenance technician labor hours for making repairs to roof system, replacing damaged ceiling tile and energy savings due to new un-compromised insulation. Annual expense for performing an inspection and removal of debris such as tree leaves and branches.

LOCATION MAP

PROJECT COSTS	Prior Appropriations	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	TOTAL
LAND/RIGHT OF WAY							-
DESIGN/ENGINEERING		17,500					17,500
UTILITY RELOCATION							-
CONSTRUCTION		400,000					400,000
LANDSCAPING							-
EQUIPMENT/FURNISHINGS							-
OTHER							-
TOTAL COSTS	-	417,500	-	-	-	-	417,500



SOURCE OF FUNDS	Prior Appropriations	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	TOTAL
GENERAL FUND		417,500					417,500
WATER & SEWER FUND							-
BONDS							-
OTHER - TDOT							-
OTHER -							-
TOTAL SOURCE	-	417,500	-	-	-	-	417,500

PROJECT SCHEDULE	START	FINISH
LAND/RIGHT OF WAY		
DESIGN/ENGINEERING	1/20	3/20
UTILITY RELOCATION		
CONSTRUCTION	4/20	6/20
TOTAL PROJECT	1/20	6/20

FY 2020 TOWN OF COLLIERVILLE CAPITAL INVESTMENT PROGRAM

RESPONSIBLE DEPARTMENT General Services	PROJECT TITLE Eastbrook Greenbelt Trail Bank Stabilization	PROJECT MANAGER Derek Honeycutt	ACCOUNT NO. 321-41950-934-202001
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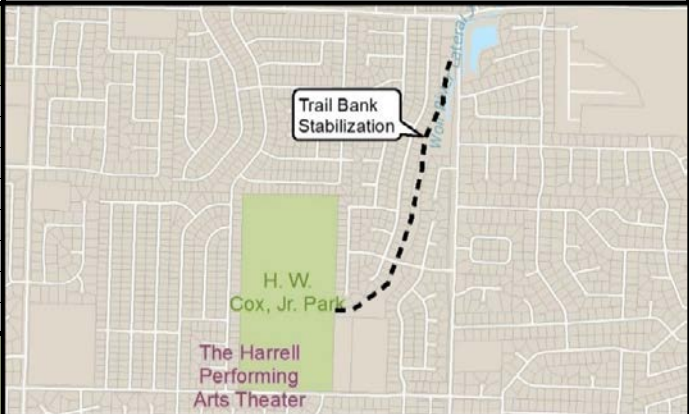
PROJECT DESCRIPTION
 The proposed project consists of the stabilization of an existing stream bank that has eroded such that an existing greenbelt trail (Eastbrook) has been undermined. The scope of work generally consists of the installation of permanent bank stabilization, and removal and replacement of the eroded walking trail. The bank stabilization will span a length of approximately 180 ft. of either with the installation of sheet piling or masonry Redi-Rock interlocking retaining wall. Minor clearing may be required in order for the contractor to establish a working platform for the installation of bank stabilization components.

BACKGROUND/HISTORY
 The Eastbrook Greenbelt Trail is a 0.95 mile trail that runs between Cox Park and Fire Station #3 on Peterson Lake Road. It was constructed in 1995 with an overlay of asphalt being installed in 2005. Staff received approved CIP funding to a new layer of asphalt applied to the trail in 2018, however as project began to move forward a portion of Wolf River Lateral J stream bank between Homeplace and Fire Station #3 slid into the creek.

IMPACT ON OPERATING BUDGET
 There will be no additional impact to the operating budget.

LOCATION MAP

PROJECT COSTS	Prior Appropriations	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	TOTAL
LAND/RIGHT OF WAY							-
DESIGN/ENGINEERING					-		-
UTILITY RELOCATION							-
CONSTRUCTION		350,000			-		350,000
LANDSCAPING					-		-
EQUIPMENT/FURNISHINGS					-		-
OTHER							-
TOTAL COSTS	-	350,000	-	-	-	-	350,000
SOURCE OF FUNDS	Prior Appropriations	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	TOTAL
GENERAL FUND					-		-
WATER & SEWER FUND							-
BONDS							-
OTHER - TDOT							-
OTHER - STORMWATER		350,000					350,000
TOTAL SOURCE	-	350,000	-	-	-	-	350,000



PROJECT SCHEDULE	START	FINISH
LAND/RIGHT OF WAY		
DESIGN/ENGINEERING		
UTILITY RELOCATION		
CONSTRUCTION	6/19	10/19
TOTAL PROJECT	6/19	10/19

FY 2020	TOWN OF COLLIERVILLE CAPITAL INVESTMENT PROGRAM		
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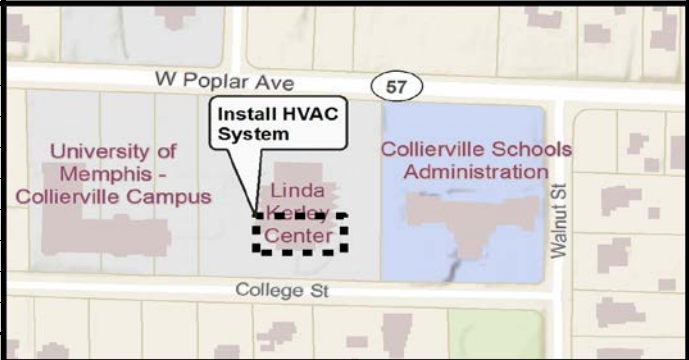
RESPONSIBLE DEPARTMENT General Services	PROJECT TITLE Linda Kerley Center A/C for Gym & Lobby	PROJECT MANAGER Mike Cannon	ACCOUNT NO. 321-41910-921-201902
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PROJECT DESCRIPTION
 This project will consist of installing an air-conditioning system to service the south lobby and gym at the Linda Kerley Center. Since this portion of the building has not been conditioned with cool air, an engineering firm will be needed to design the mechanical system and upgrades to the building electrical system. The new design will call for package units to be installed at ground level since the south end flat roof does not have the structure in place to support the weight of the unit(s). New ductwork will be installed throughout the project site and the electrical system will be upgraded in order to supply enough electricity to the air conditioning units for proper operation. Duct smoke detectors will be installed as required by Code therefore requiring upgrades to the building fire monitoring system. Additionally, the gym ceiling will be scraped and painted by the contractor for project continuity in between removing and reinstalling the ductwork that is attached to the ceiling supports.

BACKGROUND/HISTORY
 The "Historic High School" property was acquired by the Town in 2012. The Linda Kerley Center was a part of that acquisition. The facility is estimated to be more than 50 years old and has never had air-conditioning in these areas. The north end of the facility was renovated in 2017 creating the Senior Center with air conditioning being installed only in this area. The Collierville Parks and Recreational Department (CPARD) use the gym and lobby nine (9) months out of the year for youth basketball and volleyball. It is not used during the summer due to the high temperatures in the gym. The Senior Center uses the gym area three (3) to four (4) days of the week during non-summer months.

IMPACT ON OPERATING BUDGET An additional HVAC for technicians to perform preventative maintenance on.	LOCATION MAP
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PROJECT COSTS	Prior Appropriations	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	TOTAL
LAND/RIGHT OF WAY							-
DESIGN/ENGINEERING	15,000						15,000
UTILITY RELOCATION							-
CONSTRUCTION							-
LANDSCAPING							-
EQUIPMENT/FURNISHINGS	245,000	60,000					305,000
OTHER							-
TOTAL COSTS	260,000	-	-	-	-	-	320,000
SOURCE OF FUNDS	Prior Appropriations	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	TOTAL
GENERAL FUND	260,000	60,000					320,000
WATER & SEWER FUND							-
BONDS							-
OTHER - TDOT							-
OTHER -							-
TOTAL SOURCE	260,000	60,000	-	-	-	-	320,000



PROJECT SCHEDULE	START	FINISH
LAND/RIGHT OF WAY		
DESIGN/ENGINEERING	8/19	10/19
UTILITY RELOCATION		
CONSTRUCTION	11/19	1/20
TOTAL PROJECT	8/19	1/20

FY 2020 TOWN OF COLLIERVILLE CAPITAL INVESTMENT PROGRAM

RESPONSIBLE DEPARTMENT General Services	PROJECT TITLE Parking Lot Overlays - WC Johnson Park	PROJECT MANAGER Mike Cannon	ACCOUNT NO. 321-41950-931-202001
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PROJECT DESCRIPTION
 Projects associated with repair of asphalt parking lots at Johnson Park will consist of excavating and repairing asphalt failures, crack filling, overlay wearing surface with 2" of surface asphalt, re-painting of pavement markings, and reinstall wheel stops where appropriate. Thereafter, the parking lots will be placed on a two (2) year cycle of applying an asphalt coating for extending parking lot surface life cycle.

- >FY 2020 - AREA "A" - \$170,000.00**
 (West Complex) Repair of surface failures (475 sq. yds.), minor milling in transition areas, 2" asphalt wearing surface (15,850 sq. yds.), and paint pavement markings.
- >FY 2021 - AREA "B" - \$120,000.00**
 (East Complex) Repair of surface failures (275 sq. yds.), milling of area (7,750 sq. yds.), 2" asphalt wearing surface (7,750 sq. yds.), and paint pavement markings.
- >FY 2022 - AREA "C" - \$76,500.00**
 (Playground and Lake) Repair of surface failures (60 sq. yds.), minor milling in transition areas, 2" asphalt wearing surface (6,700 sq. yds.), and paint pavement markings.
- >FY 2022 - AREA "D" - \$45,500.00**
 (Nature Center) Repair of surface failures (150 sq. yds.), minor milling in transition areas, 2" asphalt wearing surface (2,440 sq. yds.), and paint pavement markings.

BACKGROUND/HISTORY
 WC Johnson Park East Complex was constructed in 1993 and the West Complex was constructed in 2007. The main drive through the entire park complex received patching and overlay in 2009. The parking lots and main drive are beginning to fail in various locations. Failures include but are not limited to potholes, sunken areas and alligator backs (cracking). Due to the daily visitor traffic and heavy traffic situations during park activities and special events, patching and overlay is recommended in order to maintain the integrity of the asphalt structure.

IMPACT ON OPERATING BUDGET
 No budget impact recognized for this project.

LOCATION MAP

PROJECT COSTS	Prior Appropriations	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	TOTAL
LAND/RIGHT OF WAY							-
DESIGN/ENGINEERING							-
UTILITY RELOCATION							-
CONSTRUCTION		170,000	120,000	122,000			412,000
LANDSCAPING							-
EQUIPMENT/FURNISHINGS							-
OTHER							-
TOTAL COSTS	-	170,000	120,000	122,000	-	-	412,000



SOURCE OF FUNDS	Prior Appropriations	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	TOTAL
GENERAL FUND		170,000	120,000	122,000			412,000
WATER & SEWER FUND							-
BONDS							-
OTHER - TDOT							-
OTHER -							-
TOTAL SOURCE	-	170,000	120,000	122,000	-	-	412,000

PROJECT SCHEDULE	START	FINISH
LAND/RIGHT OF WAY		
DESIGN/ENGINEERING		
UTILITY RELOCATION		
CONSTRUCTION	9/20	11/20
TOTAL PROJECT	9/20	11/20

FY 2020 TOWN OF COLLIERVILLE CAPITAL INVESTMENT PROGRAM

RESPONSIBLE DEPARTMENT General Services	PROJECT TITLE Community Ctr. HVAC VAV Boxes & Controls Replacement	PROJECT MANAGER Derek Honeycutt	ACCOUNT NO.
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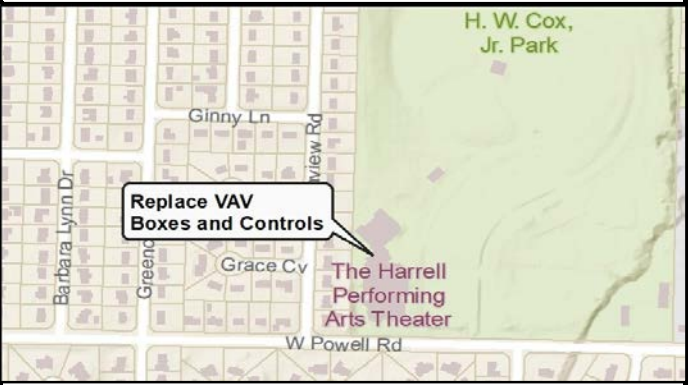
PROJECT DESCRIPTION
 This equipment replacement project will consist of removing the existing 21 variable air volume (VAV) boxes throughout the Community Center and install new energy efficient VAV units that will be equipped with software modules allowing the boxes to be controlled remotely with the HVAC system software enabling the maintenance technician to adjust the HVAC system in order to maintain a constant and comfortable building environment.

BACKGROUND/HISTORY
 The VAV boxes are original to the 1984 building construction. All 21 units have passed their intended life expectancy which have become costly to operate and maintain. Maintenance Technicians are experiencing continued difficulties in controlling the building environment with conditioned air in the theater, offices and DAC.

IMPACT ON OPERATING BUDGET
 No impact.

LOCATION MAP

PROJECT COSTS	Prior Appropriations	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	TOTAL
LAND/RIGHT OF WAY							-
DESIGN/ENGINEERING			20,000				20,000
UTILITY RELOCATION							-
CONSTRUCTION							-
LANDSCAPING							-
EQUIPMENT/FURNISHINGS			201,500				201,500
OTHER							-
TOTAL COSTS	-	-	221,500	-	-	-	221,500
SOURCE OF FUNDS	Prior Appropriations	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	TOTAL
GENERAL FUND		-	221,500				221,500
WATER & SEWER FUND							-
BONDS							-
OTHER - TDOT							-
OTHER -							-
TOTAL SOURCE	-	-	221,500	-	-	-	221,500



PROJECT SCHEDULE	START	FINISH
LAND/RIGHT OF WAY		
DESIGN/ENGINEERING	8/21	12/21
UTILITY RELOCATION		
CONSTRUCTION	3/22	6/22
TOTAL PROJECT	8/21	6/22

FY 2020	TOWN OF COLLIERVILLE CAPITAL INVESTMENT PROGRAM		
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RESPONSIBLE DEPARTMENT General Services	PROJECT TITLE Crosswinds Trail - Greenbelt Trail Bank Stabilization	PROJECT MANAGER Neil Wiseman	ACCOUNT NO.
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PROJECT DESCRIPTION
 The project will consist of the removal of approximately 24 linear feet of compromised ditch back and existing asphalt walking trail. Once the work site has been prepared for the stabilization portion of the project, the contractor will install gabion baskets filled with "B" grade stone, woven geotextile fabric will be placed around the baskets to aid in moisture water weeping and to keep dirt from filling the baskets, backfill material such as gravel will be layer in around the baskets, and a wooden split rail fence installed along the new asphalt trail section to protect trail visitors from the ditch bank edge.

BACKGROUND/HISTORY
 The asphalt Crosswinds greenbelt trail was constructed for pedestrian use in 2006. The section of compromised trail bank is directly behind Crosswinds Elementary. A portion of the creek bank was observed approximately 18 months ago by staff to be moving away from the trail shoulder along with signs of sediment erosion which if left unattended will eventual compromise the integrity of the trail.

The project site is difficult to reach due to houses lining the trail and the only street access being more than 100 yards away. Construction access must be along the asphalt walking trail located on school property. Anticipated surface damage to the walking trail and grass areas along it will have to be restored to current or better condition by the contractor at the completion of the stabilization project. The most advantageous time to perform the bank stabilization effort will be during the summer break since crossing the school property will be necessary for a successful project.

IMPACT ON OPERATING BUDGET
 None.

LOCATION MAP

PROJECT COSTS	Prior Appropriations	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	TOTAL
LAND/RIGHT OF WAY							-
DESIGN/ENGINEERING			5,000				5,000
UTILITY RELOCATION							-
CONSTRUCTION			38,000				38,000
LANDSCAPING							-
EQUIPMENT/FURNISHINGS							-
OTHER							-
TOTAL COSTS	-	-	43,000	-	-	-	43,000
SOURCE OF FUNDS	Prior Appropriations	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	TOTAL
GENERAL FUND							-
WATER & SEWER FUND							-
BONDS							-
OTHER - TDOT							-
OTHER - STORMWATER			43,000				43,000
TOTAL SOURCE	-	-	43,000	-	-	-	43,000



PROJECT SCHEDULE	START	FINISH
LAND/RIGHT OF WAY		
DESIGN/ENGINEERING		
UTILITY RELOCATION		
CONSTRUCTION	3/21	6/21
TOTAL PROJECT	3/21	6/21

FY 2020 TOWN OF COLLIERVILLE CAPITAL INVESTMENT PROGRAM

RESPONSIBLE DEPARTMENT General Services	PROJECT TITLE Equipment Wash Down Station	PROJECT MANAGER Neil Wiseman	ACCOUNT NO.
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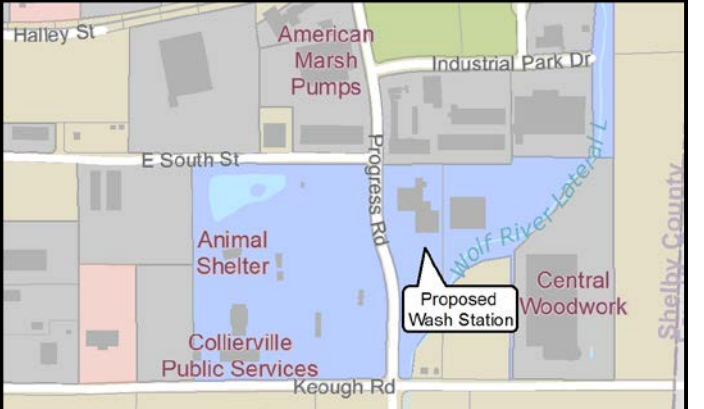
PROJECT DESCRIPTION
 This project includes the installation of a water recycling wash system at the new General Services Maintenance building. The system stores, processes, and re-uses water multiple times eliminating water discharge excess and will add the benefit of greatly reducing our use of potable water for washing down existing maintenance equipment. It utilizes biological microbes and an aeration system to break down fuels, oils, and organics. It also filters grass clippings - depositing them into a trailer where they can be disposed like the Town's leaf and limb debris.

BACKGROUND/HISTORY
 TDEC regulations will not allow water that has been used to wash grounds maintenance equipment to be piped directly into a natural water flow (creek) calling it a "point source" for pollution. It is extremely important for our maintenance crews to keep our equipment clean as the tremendous value of our mowing fleet is eroded when equipment is not properly maintained.

IMPACT ON OPERATING BUDGET
 Increase of approximately \$2,000/yr. for system microbes.

LOCATION MAP

PROJECT COSTS	Prior Appropriations	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	TOTAL
LAND/RIGHT OF WAY							-
DESIGN/ENGINEERING							-
UTILITY RELOCATION							-
CONSTRUCTION							-
LANDSCAPING							-
EQUIPMENT/FURNISHINGS			90,000				90,000
OTHER							-
TOTAL COSTS	-	-	90,000	-	-	-	90,000
SOURCE OF FUNDS	Prior Appropriations	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	TOTAL
GENERAL FUND		-	90,000	-	-	-	90,000
WATER & SEWER FUND							-
BONDS							-
OTHER - TDOT							-
OTHER -							-
TOTAL SOURCE	-	-	90,000	-	-	-	90,000



PROJECT SCHEDULE	START	FINISH
LAND/RIGHT OF WAY		
DESIGN/ENGINEERING	3/22	4/22
UTILITY RELOCATION		
CONSTRUCTION	5/22	6/22
TOTAL PROJECT	3/22	6/22

FY 2020 TOWN OF COLLIERVILLE CAPITAL INVESTMENT PROGRAM

RESPONSIBLE DEPARTMENT General Services	PROJECT TITLE HVAC Package Unit Replacements - Public Services	PROJECT MANAGER Mike Cannon	ACCOUNT NO.
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PROJECT DESCRIPTION
 This project consists of replacing two (2) gas fired AAON package units located on the North side of the Public Services Administration facility. New package units will be more energy efficient, reliable and equipped with software modules that will allow maintenance technicians the ability to remotely monitor the system as well as make adjustments to the units when necessary increasing response times for maintaining a comfortable building environment.

BACKGROUND/HISTORY
 Public Services was constructed in 2002. The two (2) gas fired AAON units are original to the facility and have passed their American Society of Heating, Refrigerating and Air Conditioning Engineers (ASHRAE) 15 year life expectancy rating. These units provide cooling and initial heat to the facility. The facility goes into an unoccupied mode during non business hours and starts back up at a scheduled time to level the temperature off by the open of business in the mornings. The initial heat function comes into effect during the initial start up for the day during winter months. This allows the facility to heat up at a much faster pace. Once the system has reached a designated temperature set point the unit heat will shut down and the variable air volume (VAV) boxes will take over and control zone temperatures. Due to the units age; repair costs are increasing and efficient operations continue to diminish with time. These units use R22 refrigerant, which is being phased out by Federal regulations for environmental hazards making operating costs increase and diminished availability of the refrigerant. The cost for a 30 lb. container of R22 has increased more than 50% in the last two (2) years. Also, all six (6) units lack the capability to utilize monitoring software.

IMPACT ON OPERATING BUDGET
 Reduction in repair and operating costs.

LOCATION MAP

PROJECT COSTS	Prior Appropriations	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	TOTAL
LAND/RIGHT OF WAY							-
DESIGN/ENGINEERING			10,000				10,000
UTILITY RELOCATION							-
CONSTRUCTION							-
LANDSCAPING							-
EQUIPMENT/FURNISHINGS			81,000				81,000
OTHER							-
TOTAL COSTS	-	-	91,000	-	-	-	91,000
SOURCE OF FUNDS	Prior Appropriations	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	TOTAL
GENERAL FUND		-	91,000	-	-	-	91,000
WATER & SEWER FUND							-
BONDS							-
OTHER - TDOT							-
OTHER -							-
TOTAL SOURCE	-	-	91,000	-	-	-	91,000



PROJECT SCHEDULE	START	FINISH
LAND/RIGHT OF WAY		
DESIGN/ENGINEERING	7/21	9/21
UTILITY RELOCATION		
CONSTRUCTION	10/21	12/21
TOTAL PROJECT	7/21	12/21

FY 2020	TOWN OF COLLIERVILLE CAPITAL INVESTMENT PROGRAM
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RESPONSIBLE DEPARTMENT General Services	PROJECT TITLE Medians - Irrigation & Landscaping	PROJECT MANAGER Derek Honeycutt	ACCOUNT NO.
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PROJECT DESCRIPTION
 Medians under Town maintenance such as Houston Levee, Byhalia, Shelby Drive and Wolf River Blvd. have been installed and only sodded. Long term plans include evaluating, planning and installing various improvements on these medians. Improvements may include irrigation, trees, shrubbery, bedding with seasonal color and/or hard surfacing such as pavers, stamped concrete or brushed concrete.

BACKGROUND/HISTORY
 Roadways are one of the most noticeable pieces of infrastructure that unite the community and give visitors a first-impression of the Town. In an effort to improve upon the overall aesthetic of Collierville while reducing the maintenance needs of both existing and future divided roadways, improvements through design and installation of hardscape and landscape elements are necessary to maintain the standard in unimproved medians.

IMPACT ON OPERATING BUDGET
 Minor budget impact related to maintenance.

LOCATION MAP

Multiple Locations

PROJECT COSTS	Prior Appropriations	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	TOTAL
LAND/RIGHT OF WAY							-
DESIGN/ENGINEERING							-
UTILITY RELOCATION							-
CONSTRUCTION							-
LANDSCAPING			-	190,000			190,000
EQUIPMENT/FURNISHINGS							-
OTHER							-
TOTAL COSTS	-	-	-	190,000	-	-	190,000

SOURCE OF FUNDS	Prior Appropriations	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	TOTAL
GENERAL FUND			-	190,000			190,000
WATER & SEWER FUND							-
BONDS							-
OTHER - TDOT							-
OTHER -							-
TOTAL SOURCE	-	-	-	190,000	-	-	190,000

PROJECT SCHEDULE	START	FINISH
LAND/RIGHT OF WAY		
DESIGN/ENGINEERING		
UTILITY RELOCATION		
CONSTRUCTION	8/22	6/23
TOTAL PROJECT	8/22	6/23

FY 2020 TOWN OF COLLIERVILLE CAPITAL INVESTMENT PROGRAM

RESPONSIBLE DEPARTMENT General Services	PROJECT TITLE Library Expansion	PROJECT MANAGER Derek Honeycutt	ACCOUNT NO.
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PROJECT DESCRIPTION
 This building expansion and renovation project will consist of constructing 31,386 square feet of new building space to the existing 25,745 square feet facility. Construction work will take place on three sides of the existing building by expanding the footprint of each side to accommodate new staff office space, additional meeting rooms, reading theater, additional young adult and kids areas and a great hall space. Building site improvement will be additional parking and outdoor learning spaces.

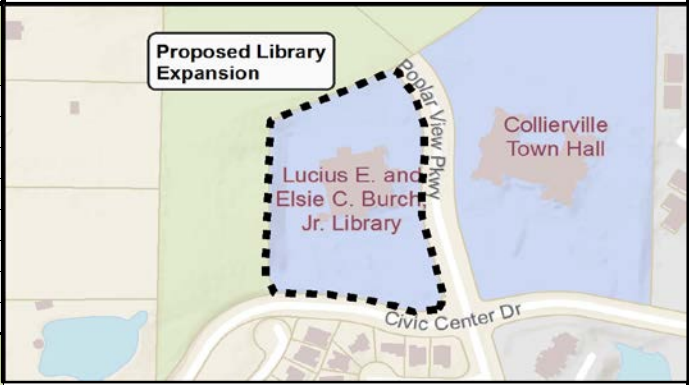
BACKGROUND/HISTORY
 Construction of the 27,000 sq. ft. building and parking lot was completed in 2001. Since that time, the library has grown in popularity with the community and organizations creating a need for additional building space. The current building footprint is insufficient to provide the wide range of services, collections, programs, technology and staff workspaces required in a modern library.

The library enhances the community's quality of life by providing a safe space for self-improvement, quality leisure time and lifelong learning.

IMPACT ON OPERATING BUDGET
 Budget impact will be in the areas of additional personnel, maintenance, and utilities.

LOCATION MAP

PROJECT COSTS	Prior Appropriations	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	TOTAL
LAND/RIGHT OF WAY							-
DESIGN/ENGINEERING					425,000		425,000
UTILITY RELOCATION							-
CONSTRUCTION					4,219,992		4,219,992
LANDSCAPING							-
EQUIPMENT/FURNISHINGS					355,008		355,008
OTHER							-
TOTAL COSTS	-	-	-	-	5,000,000	-	5,000,000
SOURCE OF FUNDS	Prior Appropriations	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	TOTAL
GENERAL FUND					5,000,000		5,000,000
WATER & SEWER FUND							-
BONDS							-
OTHER - TDOT							-
OTHER -							-
TOTAL SOURCE	-	-	-	-	5,000,000	-	5,000,000



PROJECT SCHEDULE	START	FINISH
LAND/RIGHT OF WAY		
DESIGN/ENGINEERING	8/23	1/24
UTILITY RELOCATION		
CONSTRUCTION	1/24	12/24
TOTAL PROJECT	8/23	12/24

FY 2020**DEVELOPMENT CIP SUMMARY**

	PROJECTED FY 2020	PROJECTED FY 2021	PROJECTED FY 2022	PROJECTED FY 2023	PROJECTED FY 2024	TOTAL 5 YEAR CIP
PROJECT						
Development						
ADA Project - Sidewalk/Curb Ramp Improvements	50,000	50,000	50,000	50,000	50,000	250,000
Downtown Drainage Phase III	90,000	-	-	500,000	-	590,000
Frank Road Bridge Ditch Bank Stabilization	50,000	115,000	-	-	-	165,000
Lawnwood & Rhett's Way (Inlets)	35,000	-	-	-	-	35,000
North Rowlett Parking Lot	75,000	-	-	-	-	75,000
Powell Road at Peterson Lake Drainage Improvements	150,000	-	-	-	-	150,000
Sanders Creek Bank Stabilization	65,000	525,000	70,000	360,000	-	1,020,000
Shelton Road Bridge (MPO)	650,000	-	-	-	-	650,000
Signalization of Byhalia Road and Collierville Road (MPO)	85,000	440,000	-	-	-	525,000
Signalization of Winchester and Shea Road (MPO)	75,000	475,000	-	-	-	550,000
Schilling Ditch Tarren Mills (Design)	70,000	-	325,000	-	-	395,000
Houston Downs S/D Drainage Improvements	-	50,000	-	-	-	50,000
Lateral K Bank Stabilization	-	425,000	-	-	-	425,000
SR175 Widening (Jasper Park to Shelby Post) (MPO)	-	827,000	-	-	-	395,000
Sycamore Road Realignment (North of Shelby Dr.)	-	65,000	100,000	-	-	827,000
Queen Oaks Bank Stabilization	-	-	80,000	700,000	-	780,000
South Rowlett Drainage Improvements	-	-	85,000	-	-	85,000
Shelby Drive Widening & Bridge (Sycamore to Hwy 72) (MPO)	-	-	-	12,388,000	-	12,388,000
Mast Arm Upgrades (Main and Poplar)	-	-	-	60,000	310,000	370,000
Total Development CIP	1,395,000	2,972,000	710,000	14,058,000	360,000	19,495,000
Funding Sources						
TDOT	680,000	1,576,600	-	9,910,400	-	12,167,000
General Fund Reserves	255,000	280,400	150,000	2,587,600	360,000	3,633,000
Other - Storm Water Fees	460,000	1,115,000	560,000	1,560,000	-	3,695,000
Total Funding Sources	1,395,000	2,972,000	710,000	14,058,000	360,000	19,495,000

FY 2020 TOWN OF COLLIERVILLE CAPITAL INVESTMENT PROGRAM

RESPONSIBLE DEPARTMENT Development - Engineering	PROJECT TITLE ADA Project - Sidewalk/Curb Ramp Improvements	PROJECT MANAGER Dale Perryman	ACCOUNT NO. 321-43120-939-201901
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PROJECT DESCRIPTION
 This project will consist of the demolition of non-compliant ramps, the reconstruction of new ramps with brick pavers, and replacement of sidewalk. The 12 ramps will be located at various intersections around Town and will conform to the updated requirements. Staff anticipates that AT&T and Comcast will need to relocate utilities for construction. Certain ramps do not meet the current ADA requirements.

BACKGROUND/HISTORY
 In 1990 Congress passed the American Disability Act. Over the years new requirements have been mandated by the Federal Government. If these requirements are not met, State and Local Governments would lose Federal Funds for project construction. One of the ADA requirements is to provide proper access at street crossing. These requirements specify the width and slope for wheel chair access.

IMPACT ON OPERATING BUDGET
 None.

LOCATION MAP

 Multiple Locations

PROJECT COSTS	Prior Appropriations	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	TOTAL
LAND/RIGHT OF WAY							-
DESIGN/ENGINEERING							-
UTILITY RELOCATION							-
CONSTRUCTION	50,000	50,000	50,000	50,000	50,000	50,000	300,000
LANDSCAPING							-
EQUIPMENT/FURNISHINGS							-
OTHER							-
TOTAL COSTS	50,000	50,000	50,000	50,000	50,000	50,000	300,000

SOURCE OF FUNDS	Prior Appropriations	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	TOTAL
GENERAL FUND	50,000	50,000	50,000	50,000	50,000	50,000	300,000
WATER & SEWER FUND							-
BONDS							-
OTHER - TDOT							-
OTHER -							-
TOTAL SOURCE	50,000	50,000	50,000	50,000	50,000	50,000	300,000

PROJECT SCHEDULE	START	FINISH
LAND/RIGHT OF WAY		
DESIGN/ENGINEERING	11/19	1/20
UTILITY RELOCATION		
CONSTRUCTION	3/20	7/20
TOTAL PROJECT	11/19	7/20

FY 2020 TOWN OF COLLIERVILLE CAPITAL INVESTMENT PROGRAM

RESPONSIBLE DEPARTMENT Development - Engineering	PROJECT TITLE Downtown Drainage Phase III	PROJECT MANAGER Dale Perryman	ACCOUNT NO. 321-43120-934-202006
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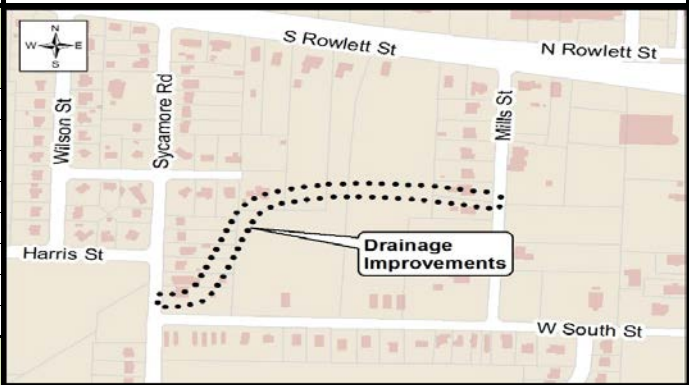
PROJECT DESCRIPTION
 This project will consist of design only for the next phase of the Downtown Drainage project that will run from Sycamore Road to Mills Street. The project will include an open stream design and greenbelt trail extension from Sycamore Road to Mills Street. This phase of construction will require a bridge to allow the trail to cross from the south side of the stream to the north side of the stream.

BACKGROUND/HISTORY
 Phase 1 of the Downtown from Highway 72 to Sycamore Road has been completed. The second phase, the box culvert under Sycamore Road is currently under construction and anticipated to be completed by the end of May. The next phase of construction will be from just up stream of Sycamore Road to Mills Street. Based on past experience with TDEC it is anticipated to take approximately a year and half to complete the design and acquire all necessary permits for the project.

IMPACT ON OPERATING BUDGET
 None.

LOCATION MAP

PROJECT COSTS	Prior Appropriations	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	TOTAL
LAND/RIGHT OF WAY							-
DESIGN/ENGINEERING		90,000					90,000
UTILITY RELOCATION							-
CONSTRUCTION					500,000		500,000
LANDSCAPING							-
EQUIPMENT/FURNISHINGS							-
OTHER							-
TOTAL COSTS	-	90,000	-	-	500,000	-	590,000



SOURCE OF FUNDS	Prior Appropriations	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	TOTAL
GENERAL FUND							-
WATER & SEWER FUND							-
BONDS							-
OTHER -							-
OTHER - STORM WATER		90,000			500,000		590,000
TOTAL SOURCE	-	90,000	-	-	500,000	-	590,000

PROJECT SCHEDULE	START	FINISH
LAND/RIGHT OF WAY	12/21	5/22
DESIGN/ENGINEERING	3/20	9/21
UTILITY RELOCATION	8/22	12/22
CONSTRUCTION	8/22	12/22
TOTAL PROJECT	3/20	12/22

FY 2020 TOWN OF COLLIERVILLE CAPITAL INVESTMENT PROGRAM

RESPONSIBLE DEPARTMENT Development - Engineering	PROJECT TITLE Frank Road Bridge Ditch Bank Stabilization	PROJECT MANAGER Dale Perryman	ACCOUNT NO. 321-43120-934-202002
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PROJECT DESCRIPTION
 This project will consist of a study and design for bank stabilization just downstream of the bridge on Frank Road over Sanders Creek (Lateral I). The study will include two to three alternatives to stabilize the bank, and a preliminary cost of each of the alternative. The design will include construction plans, permitting, specifications, and an engineer's cost estimate. It is anticipated a TDEC general permit will be required and will take 30 to 60 days to acquire.

FY 20-21: Construction will need to take place during the summer of 2020 to prevent damage to the surrounding area. Possible construction alternatives could consist of installation of sheet piles, a mechanical reinforced retaining wall, or backfill with earth and stabilize with a type of stone.

BACKGROUND/HISTORY
 Sanders Creek meanders from its headwaters south of Poplar Avenue, northward through the Baptist Memorial Hospital property, Wynbrooke Grove Subdivision, Shea Woods Subdivision, Hartwell Subdivision, under Frank Road, through the golf course, into the Halle Plantation Lake, under Wolf River Boulevard, and into the Wolf River. A bank section downstream of Frank Road Bridge over Sanders Creek has begun eroding causing damage to property. Due to the length of stabilization a general permit will be required from TDEC. It is anticipated it will take 30 to 60 days to acquire this permit.

IMPACT ON OPERATING BUDGET
 None

LOCATION MAP

PROJECT COSTS	Prior Appropriations	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	TOTAL
LAND/RIGHT OF WAY							-
DESIGN/ENGINEERING		50,000					50,000
UTILITY RELOCATION							-
CONSTRUCTION			115,000				115,000
LANDSCAPING							-
EQUIPMENT/FURNISHINGS							-
OTHER							-
TOTAL COSTS	-	50,000	115,000	-		-	165,000



SOURCE OF FUNDS	Prior Appropriations	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	TOTAL
GENERAL FUND							-
WATER & SEWER FUND							-
BONDS							-
OTHER - TDOT							-
OTHER -Storm Water		50,000	115,000				165,000
TOTAL SOURCE	-	50,000	115,000	-	-	-	165,000

PROJECT SCHEDULE	START	FINISH
LAND/RIGHT OF WAY	2/20	5/20
DESIGN/ENGINEERING	11/19	4/20
UTILITY RELOCATION	N/A	N/A
CONSTRUCTION	7/20	10/20
TOTAL PROJECT	11/19	10/20

FY 2020 TOWN OF COLLIERVILLE CAPITAL INVESTMENT PROGRAM

RESPONSIBLE DEPARTMENT Development - Engineering	PROJECT TITLE Lawnwood & Rhetts Way (Inlets)	PROJECT MANAGER Dale Perryman	ACCOUNT NO. 321-43120-934-202003
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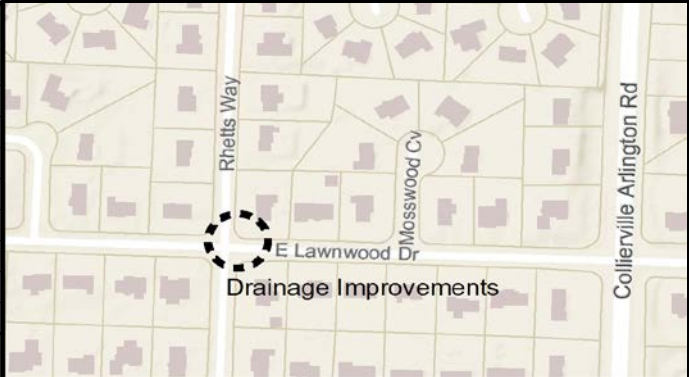
PROJECT DESCRIPTION
 The scope of this project will replace the driveway inlet (apron) at 696 Rhetts Way. It will consist of the removal of the existing apron and reconstructing a new ADA compliant driveway apron that is higher in the back to prevent water from topping the driveway and entering into the garage.

BACKGROUND/HISTORY
 Lawnwood Section 'A' Subdivision was recorded in June 1978. At that time, lot construction was very basic in trying to preserve the natural terrain, trees, and finish floor elevations of houses. Drainage computations were also very basic and did not take in to account up stream development. Over time with up stream development more runoff has been generated causing the current pipe system to be over burdened resulting in intersection flooding. Currently water floods the intersection then rises above the curb, causing structural flooding at the northeast corner of the intersection.

IMPACT ON OPERATING BUDGET
 No impact.

LOCATION MAP

PROJECT COSTS	Prior Appropriations	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	TOTAL
LAND/RIGHT OF WAY							-
DESIGN/ENGINEERING							-
UTILITY RELOCATION							-
CONSTRUCTION		35,000					35,000
LANDSCAPING							-
EQUIPMENT/FURNISHINGS							-
OTHER							-
TOTAL COSTS	-	35,000	-	-	-	-	35,000



SOURCE OF FUNDS	Prior Appropriations	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	TOTAL
GENERAL FUND							-
WATER & SEWER FUND							-
BONDS							-
OTHER - TDOT							-
OTHER - STORM WATER		35,000					35,000
TOTAL SOURCE	-	35,000	-	-	-	-	35,000

PROJECT SCHEDULE	START	FINISH
LAND/RIGHT OF WAY		
DESIGN/ENGINEERING	8/19	9/19
UTILITY RELOCATION		
CONSTRUCTION	10/19	12/19
TOTAL PROJECT	8/19	12/19

FY 2020 TOWN OF COLLIERVILLE CAPITAL INVESTMENT PROGRAM

RESPONSIBLE DEPARTMENT Development - Engineering	PROJECT TITLE North Rowlett Parking Lot Improvements	PROJECT MANAGER Dale Perryman	ACCOUNT NO. 321-43800-931-202002
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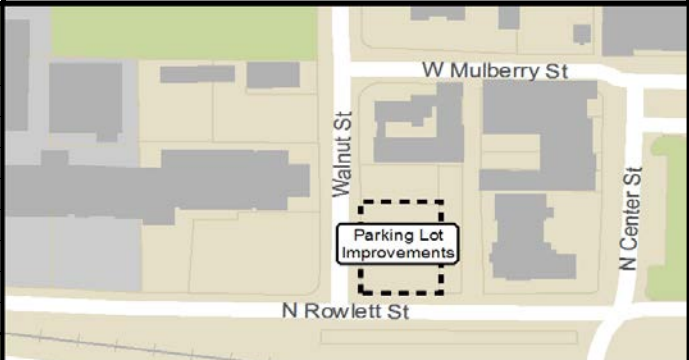
PROJECT DESCRIPTION
 This project will consist of the reconstruction of the Parking Lot at the northeast corner of North Rowlett and Walnut Street. It will include regrading, installation of curb, 3.5" overlay, striping of parking spaces and sodding of the existing parking lot. When completed it will provide 37 spaces for Police, Court and downtown facilities. Engineering design will be done in house.

BACKGROUND/HISTORY
 Over the past several years the Town has used St. Andrews parking lot for police, court and downtown events. Currently the parking lot is graveled and over time several areas are starting to settle, causing standing water. If these area are not corrected with a more permanent solution water will seep through and cause the ground to fail. An asphalt overlay and patching will correct these areas and provide a longer life for the parking lot..

IMPACT ON OPERATING BUDGET
 None

LOCATION MAP

PROJECT COSTS	Prior Appropriations	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	TOTAL
LAND/RIGHT OF WAY							-
DESIGN/ENGINEERING							-
UTILITY RELOCATION							-
CONSTRUCTION		75,000					75,000
LANDSCAPING							-
EQUIPMENT/FURNISHINGS							-
OTHER							-
TOTAL COSTS	-	75,000		-		-	



SOURCE OF FUNDS	Prior Appropriations	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	TOTAL
GENERAL FUND		75,000					
WATER & SEWER FUND							-
BONDS							-
OTHER - TDOT							-
OTHER -Storm Water							-
TOTAL SOURCE	-	75,000		-	-	-	75,000

PROJECT SCHEDULE	START	FINISH
LAND/RIGHT OF WAY	5/19	5/19
DESIGN/ENGINEERING	5/19	6/19
UTILITY RELOCATION	N/A	N/A
CONSTRUCTION	7/19	9/19
TOTAL PROJECT	5/19	9/19

FY 2020	TOWN OF COLLIERVILLE CAPITAL INVESTMENT PROGRAM		
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RESPONSIBLE DEPARTMENT	PROJECT TITLE	PROJECT MANAGER	ACCOUNT NO.
Development - Engineering	Powell Road at Peterson Lake Drainage Improvements	Dale Perryman	321-43120-934-201903

PROJECT DESCRIPTION
 This project will consist of drainage improvements at 200 and 210 Powell Road which are located at the northeast corner of Powell Road and Peterson Lake. This project will help reduce the risk of flooding during heavier rain events by the reconstruction of existing driveway apron at 200 Powell Road, installation of drainage pipe between 200 & 210 Powell Road and the construction of a passive drainage path between the two residents. This project will not reduce flooding that takes place at the Powell Road and Peterson Lake intersection. These improvements were considered during the design/study process, however it was not shown to be cost effective to perform intersection improvements.

BACKGROUND/HISTORY
 East Brook Section A was recorded in August 1992. At that time lot construction standards did not provide a minimum finish floor elevation. As a result, the construction of the house was built at ground level. New developments on the south side of Powell Road and east side of Peterson Lake Road have increased run off in the vicinity. A study was conducted in the spring of 2018 to determine what was causing the flooding and if there was a possible solution to correct it.

IMPACT ON OPERATING BUDGET
 Routine maintenance and clean-out of system.

LOCATION MAP

PROJECT COSTS	Prior Appropriations	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	TOTAL
LAND/RIGHT OF WAY							-
DESIGN/ENGINEERING	65,000						65,000
UTILITY RELOCATION							-
CONSTRUCTION		150,000					150,000
LANDSCAPING							-
EQUIPMENT/FURNISHINGS							-
OTHER							-
TOTAL COSTS	65,000	150,000	-	-	-	-	215,000



SOURCE OF FUNDS	Prior Appropriations	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	TOTAL
GENERAL FUND							-
WATER & SEWER FUND							-
BONDS							-
OTHER - TDOT							-
OTHER - STORM WATER	65,000	150,000					215,000
TOTAL SOURCE	65,000	150,000	-	-	-	-	215,000

PROJECT SCHEDULE	START	FINISH
LAND/RIGHT OF WAY	7/19	8/19
DESIGN/ENGINEERING	9/18	6/19
UTILITY RELOCATION	9/19	12/19
CONSTRUCTION	10/19	12/19
TOTAL PROJECT	9/18	12/19

FY 2020 TOWN OF COLLIERVILLE CAPITAL INVESTMENT PROGRAM

RESPONSIBLE DEPARTMENT Development - Engineering	PROJECT TITLE Sanders Creek Bank Stabilization	PROJECT MANAGER Dale Perryman	ACCOUNT NO. 321-43120-934-202004
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PROJECT DESCRIPTION
 This will be the design phase of a grade control structure for Sanders Creek at the confluence of the Wolf River. Phase 1 design will consist of soil borings, topographical survey work, sheet pile sizing, and application for Aquatic Resource Alteration Permit (ARAP) permit. The Phase 1 grade control structure needs to be completed prior to the construction of the Phase 2 grade control structure.

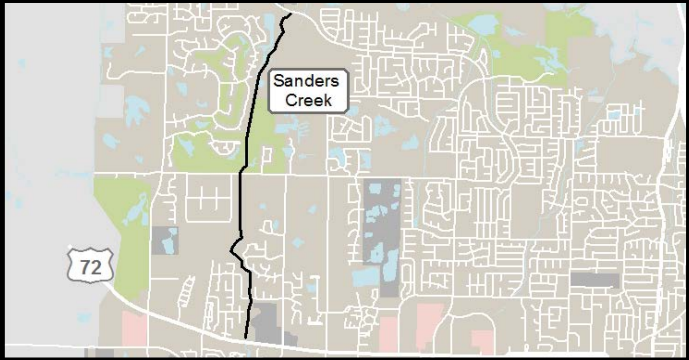
FY 20-21: Phase 1 construction includes the installation of grade control structures at the confluence of the Wolf River, including sheet piles, rip rap matting and erosion control mats to help prevent any future head-cutting in Sanders Creek. The project will also help to prevent or reduce the potential of future bank deterioration upstream of the grade control structure. The plans for this phase are scheduled in FY 20-21.

BACKGROUND/HISTORY
 Sanders Creek meanders from its headwaters south of Poplar Avenue, northward through the Baptist Memorial Hospital property, Wynbrooke Grove Subdivision, Shea Woods Subdivision, Hartwell Subdivision, under Frank Road, through the golf course, into the Halle Plantation lake, under Wolf River Boulevard, and into the Wolf River. As development has occurred in these areas storm water runoff has increased, causing the creek to degrade due to headcutting. Sections of the streambank have sloughed off into the flowline, and trees have been lost as erosion continues. At one location in Wynbrooke, some residential fences are in danger of sloughing off into the rills that are near the creek. The Town had a hydraulic study completed for this creek in 2006 and has also completed plans to construct grade control structures at two locations in the Wynbrooke Grove Subdivision.

IMPACT ON OPERATING BUDGET
 None

LOCATION MAP

PROJECT COSTS	Prior Appropriations	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	TOTAL
LAND/RIGHT OF WAY							-
DESIGN/ENGINEERING		65,000		70,000			135,000
UTILITY RELOCATION							-
CONSTRUCTION			525,000		360,000		885,000
LANDSCAPING							-
EQUIPMENT/FURNISHINGS							-
OTHER							-
TOTAL COSTS	-	65,000	525,000	70,000	360,000	-	1,020,000



SOURCE OF FUNDS	Prior Appropriations	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	TOTAL
GENERAL FUND							-
WATER & SEWER FUND							-
BONDS							-
OTHER - TDOT							-
OTHER - STORM WATER		65,000	525,000	70,000	360,000		1,020,000
TOTAL SOURCE	-	65,000	525,000	70,000	360,000	-	1,020,000

PROJECT SCHEDULE	START	FINISH
LAND/RIGHT OF WAY	10/20	1/21
DESIGN/ENGINEERING	2/20	8/20
UTILITY RELOCATION		
CONSTRUCTION	3/21	9/21
TOTAL PROJECT	2/20	9/21

FY 2020 TOWN OF COLLIERVILLE CAPITAL INVESTMENT PROGRAM

RESPONSIBLE DEPARTMENT Development - Engineering	PROJECT TITLE Shelton Road Bridge (MPO)	PROJECT MANAGER Frank McPhail	ACCOUNT NO. 321-43120-932-202001
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PROJECT DESCRIPTION
This project consists of preparing the environmental documents for state/federal approval, design for either expansion of the current bridge or a complete bridge replacement, possible stream relocation and roadway modifications to either or both sides of the bridge.

BACKGROUND/HISTORY
"Bridge Projects" is a fairly new category added by the MPO. This category was added at the request of the MPO Members to help offset the costs associated with bridge repairs/replacements due to the growing number of bridges that need maintenance/replacement that are not the state's responsibility. The Engineering Division submitted an application and received approval to be included in the Memphis Metropolitan Planning Organization (MPO) 2020-23 Transportation Improvement Program (TIP). This project will be funded with 80% federal funds and 20% town funds. As with TDOT/federal funding, the Town would fund the cost of the project and then submit pay requests to TDOT for 80% reimbursement of expenditures. Funding for construction will be determined at a later date.

IMPACT ON OPERATING BUDGET
Clearing debris around piers annually.

LOCATION MAP

PROJECT COSTS	Prior Appropriations	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	TOTAL
LAND/RIGHT OF WAY							-
DESIGN/ENGINEERING		650,000					650,000
UTILITY RELOCATION							-
CONSTRUCTION							-
LANDSCAPING							-
EQUIPMENT/FURNISHINGS							-
OTHER							-
TOTAL COSTS	-		-	-	-	-	650,000



SOURCE OF FUNDS	Prior Appropriations	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	TOTAL
GENERAL FUND		130,000					130,000
WATER & SEWER FUND							-
BONDS							-
OTHER - TDOT		520,000					520,000
OTHER -							-
TOTAL SOURCE	-	650,000	0	-	-	-	650,000

PROJECT SCHEDULE	START	FINISH
DESIGN/ENGINEERING	6/20	6/23
LAND/RIGHT OF WAY		
UTILITY RELOCATION		
CONSTRUCTION		
TOTAL PROJECT	6/20	6/23

FY 2020 TOWN OF COLLIERVILLE CAPITAL INVESTMENT PROGRAM

RESPONSIBLE DEPARTMENT Development - Engineering	PROJECT TITLE Signalization of Byhalia Road and Collierville Road (MPO)	PROJECT MANAGER Frank McPhail	ACCOUNT NO. 321-43120-939-202001
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PROJECT DESCRIPTION
 This project involves the installation of a new decorative traffic signal at the intersection of Byhalia Road and Collierville Road. Also included with this project will be environmental approvals, design drawings, ROW acquisition (if necessary), inspection services and close out procedures according to TDOT Guidelines.

BACKGROUND/HISTORY
 Due to the completion of the high school and the new residential & commercial developments along Byhalia and Collierville Roads, traffic at this intersection has increased rapidly and warrants the need for a traffic signal. The Engineering Division submitted an application and received approval to be included in the MPO's 2020-23 Transportation Improvement Program (TIP). This project will be funded with 100% federal funds which are administered by TDOT. As with TDOT/federal funding, the Town would fund the cost of the project and then submit pay requests to TDOT for 100% reimbursement of expenditures.

IMPACT ON OPERATING BUDGET
 Normal maintenance

LOCATION MAP

PROJECT COSTS	Prior Appropriations	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	TOTAL
LAND/RIGHT OF WAY							-
DESIGN/ENGINEERING		85,000					85,000
UTILITY RELOCATION							-
CONSTRUCTION			440,000				440,000
LANDSCAPING							-
EQUIPMENT/FURNISHINGS							-
OTHER							-
TOTAL COSTS	-	85,000	440,000	-	-	-	525,000



SOURCE OF FUNDS	Prior Appropriations	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	TOTAL
GENERAL FUND							-
WATER & SEWER FUND							-
BONDS							-
OTHER - TDOT		85,000	440,000				525,000
OTHER -							-
TOTAL SOURCE	-	85,000	440,000	-	-	-	525,000

PROJECT SCHEDULE	START	FINISH
DESIGN/ENGINEERING	6/20	12/20
LAND/RIGHT OF WAY	12/20	3/21
UTILITY RELOCATION	3/21	4/21
CONSTRUCTION	6/21	12/21
TOTAL PROJECT	6/20	12/21

FY 2020 TOWN OF COLLIERVILLE CAPITAL INVESTMENT PROGRAM

RESPONSIBLE DEPARTMENT Development - Engineering	PROJECT TITLE Signalization of Winchester and Shea Road (MPO)	PROJECT MANAGER Frank McPhail	ACCOUNT NO. 321-43120-939-202002
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PROJECT DESCRIPTION
This project involves the installation of a new decorative traffic signal at the intersection of Winchester Rd and Shea Rd. Also included with this project will be environmental approvals, design drawings, ROW acquisition (if necessary), inspection services and close out procedures according to TDOT Guidelines.

BACKGROUND/HISTORY
Due to the existing and new residential developments within this area, traffic at this intersection continues to increase which makes the Shea Rd. northbound and southbound through and left turn movements experience excessive delays especially during peak hours. The Engineering Division submitted an application and received approval to be included in the Memphis Metropolitan Planning Organization (MPO) 2020-23 Transportation Improvement Program (TIP). This project will be funded with 100% federal funds which are administered by TDOT. As with TDOT/federal funding, the Town would fund the cost of the project and then submit pay requests to TDOT for 100% reimbursement of expenditures.

IMPACT ON OPERATING BUDGET
normal maintenance

LOCATION MAP

PROJECT COSTS	Prior Appropriations	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	TOTAL
LAND/RIGHT OF WAY							-
DESIGN/ENGINEERING		75,000					75,000
UTILITY RELOCATION							-
CONSTRUCTION			475,000				475,000
LANDSCAPING							-
EQUIPMENT/FURNISHINGS							-
OTHER							-
TOTAL COSTS	-		475,000	-	-	-	550,000



SOURCE OF FUNDS	Prior Appropriations	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	TOTAL
GENERAL FUND							-
WATER & SEWER FUND							-
BONDS							-
OTHER - TDOT		75,000	475,000				550,000
OTHER -							-
TOTAL SOURCE	-	75,000	475,000	-	-	-	550,000

PROJECT SCHEDULE	START	FINISH
DESIGN/ENGINEERING	6/20	12/20
LAND/RIGHT OF WAY	12/20	3/21
UTILITY RELOCATION	3/21	4/21
CONSTRUCTION	6/21	12/21
TOTAL PROJECT	6/20	12/21

FY 2020 TOWN OF COLLIERVILLE CAPITAL INVESTMENT PROGRAM

RESPONSIBLE DEPARTMENT Development - Engineering	PROJECT TITLE Schilling Ditch Tarren Mills (Design)	PROJECT MANAGER Dale Perryman	ACCOUNT NO. 321-43120-934-202005
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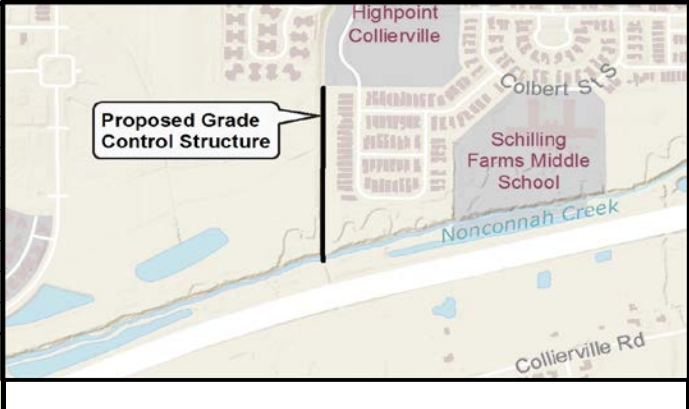
PROJECT DESCRIPTION
 This project will consist of the construction of a grade control structure for an unnamed tributary of Nonconnah Creek. The construction consists of surveying, design of a sheet pile system, permitting, and minor bank stabilization.

BACKGROUND/HISTORY
 Schilling 43 was recorded in 2007 and over time head cutting has worked its way up Nonconnah Creek and is starting to impact all the laterals that drain into it. Currently this unnamed lateral has had minor impact. The private drive, which is parallel with the lateral, could be impacted if nothing is done within the next several years to stabilize the tributary.

IMPACT ON OPERATING BUDGET
 None

LOCATION MAP

PROJECT COSTS	Prior Appropriations	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	TOTAL
LAND/RIGHT OF WAY							-
DESIGN/ENGINEERING		70,000					70,000
UTILITY RELOCATION							-
CONSTRUCTION				325,000			325,000
LANDSCAPING							-
EQUIPMENT/FURNISHINGS							-
OTHER							-
TOTAL COSTS	-	70,000		325,000	-	-	395,000
SOURCE OF FUNDS	Prior Appropriations	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	TOTAL
GENERAL FUND							-
WATER & SEWER FUND							-
BONDS							-
OTHER - TDOT							-
OTHER - STORM WATER		70,000		325,000			395,000
TOTAL SOURCE	-	70,000	-	325,000	-	-	395,000



PROJECT SCHEDULE	START	FINISH
LAND/RIGHT OF WAY	3/21	5/21
DESIGN/ENGINEERING	8/20	3/21
UTILITY RELOCATION	8/21	12/21
CONSTRUCTION	8/21	12/21
TOTAL PROJECT	8/20	12/21

FY 2020	TOWN OF COLLIERVILLE CAPITAL INVESTMENT PROGRAM
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RESPONSIBLE DEPARTMENT Development - Engineering	PROJECT TITLE Houston Downs S/D Drainage Improvements	PROJECT MANAGER Dale Perryman	ACCOUNT NO.
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PROJECT DESCRIPTION
 This project will include the installation of a drainage pipe between Lots 113 and Lot 114 located on Barn Hill Drive in Houston Downs Subdivision. Along with the drainage pipe, several inlets will be installed to help collect water that is causing erosion and damaging fences on the property line between Lots 113 and 114. Engineering will be done in house by Town Staff. We do anticipate having to work with Public Works, MLG&W, AT&T, and Comcast to adjust utilities as necessary to avoid conflict with the drain pipe.

BACKGROUND/HISTORY
 Houston Downs was annexed into the Town in 1993. At the request of residents on Barn Hill, the Board of Mayor and Aldermen has asked Town Staff to see what can be done to prevent erosion in their side yards during rain events. The rain is causing erosion and damage to fence posts.

IMPACT ON OPERATING BUDGET
 None: Routine maintenance from time to time.

LOCATION MAP

PROJECT COSTS	Prior Appropriations	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	TOTAL
LAND/RIGHT OF WAY							-
DESIGN/ENGINEERING							-
UTILITY RELOCATION							-
CONSTRUCTION							-
LANDSCAPING							-
EQUIPMENT/FURNISHINGS							-
OTHER - STORM WATER			50,000				50,000
TOTAL COSTS	-	-	50,000	-	-	-	50,000



SOURCE OF FUNDS	Prior Appropriations	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	TOTAL
GENERAL FUND							-
WATER & SEWER FUND							-
BONDS							-
OTHER - TDOT							-
OTHER - STORM WATER			50,000				50,000
TOTAL SOURCE	-	-	50,000	-	-	-	50,000

PROJECT SCHEDULE	START	FINISH
LAND/RIGHT OF WAY	1/21	3/21
DESIGN/ENGINEERING	8/20	12/20
UTILITY RELOCATION	N/A	N/A
CONSTRUCTION	5/21	7/21
TOTAL PROJECT	8/20	7/21

FY 2020 TOWN OF COLLIERVILLE CAPITAL INVESTMENT PROGRAM

RESPONSIBLE DEPARTMENT Development - Engineering	PROJECT TITLE Lateral K Bank Stabilization	PROJECT MANAGER Dale Perryman	ACCOUNT NO. 321-43120-934-201701
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PROJECT DESCRIPTION

This project will stabilize the banks of Lateral K by either re-grading the bank; installing sheet piles; or some type of mechanical wall system (retaining wall). This lateral is located behind Collierville Elementary School. Trees and brush have fallen into the ditch, obstructing flow and contributing to the erosion of the banks.

FY 16-17: The design phase was funded in FY 2017 and will consist of data collection, determining the best options to stabilize the bank, and engineering plans. As part of the design phase, the engineering firm will submit three options for stabilization.

FY 20-21: This will be the construction phase. It will consist of installing sheet piles or some type of mechanical wall system (retaining wall). Work will take place during the summer to prevent disruption of school.

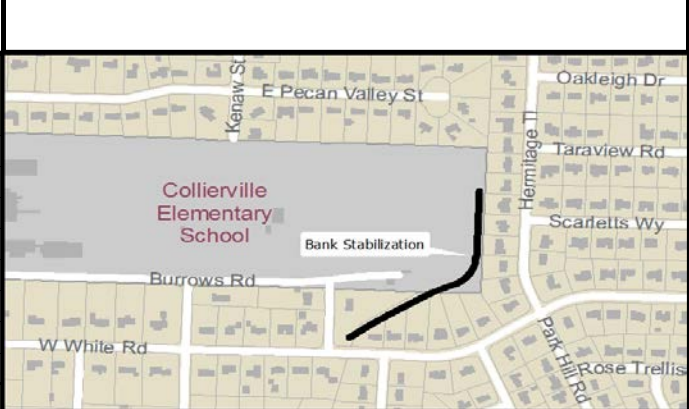
BACKGROUND/HISTORY

In the past, the Collierville Elementary School site was the responsibility of Shelby County Schools. In 2014, the Collierville School District was formed, thus acquiring Shelby County school properties. Along the back of Collierville Elementary School, Lateral K banks have begun to slough off causing trees and brush material to fall into the ditch thereby obstructing flow and contributing to erosion of the ditch bank. The erosion of the vertical ditch banks from the sloughing have begun to cause erosion and damage to adjacent properties and fences.

IMPACT ON OPERATING BUDGET

PROJECT COSTS	Prior Appropriations	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	TOTAL
LAND/RIGHT OF WAY							-
DESIGN/ENGINEERING	70,000						70,000
UTILITY RELOCATION							-
CONSTRUCTION			425,000				425,000
LANDSCAPING							-
EQUIPMENT/FURNISHINGS							-
OTHER							-
TOTAL COSTS	70,000	-	425,000	-	-	-	495,000
SOURCE OF FUNDS	Prior Appropriations	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	TOTAL
GENERAL FUND							-
WATER & SEWER FUND							-
BONDS							-
OTHER - TDOT							-
OTHER - STORM WATER	70,000		425,000				495,000
TOTAL SOURCE	70,000	-	425,000	-	-	-	495,000

LOCATION MAP



PROJECT SCHEDULE	START	FINISH
LAND/RIGHT OF WAY	7/20	9/20
DESIGN/ENGINEERING	1/20	6/20
UTILITY RELOCATION		
CONSTRUCTION	3/21	8/21
TOTAL PROJECT	1/20	8/21

FY 2020 TOWN OF COLLIERVILLE CAPITAL INVESTMENT PROGRAM

RESPONSIBLE DEPARTMENT Development	PROJECT TITLE SR175 (Shelby Dr) Widening: Jasper Park to Shelby Post(MPO)	PROJECT MANAGER Frank McPhail	ACCOUNT NO. 321-43120-931-201802
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PROJECT DESCRIPTION
Overall proposed scope of this project would widen Shelby Drive from an existing 2 lane rural road to a six lane divided roadway. This phase of the project will consist of environmental documents, design, and ROW documents.

BACKGROUND/HISTORY
Currently, Shelby Drive has a two lane rural cross section. The new high school needs infrastructure to support it. Shelby Drive will be constructed with a six lane divided cross section with bike facilities, sidewalks and ADA improvements. The current two lane rural section does not have the capacity to support traffic volumes that are expected to be generated by the new high school. The environmental and design phases have been submitted to and approved by the Memphis Metropolitan Planning Organization (MPO) for funding in their 2017-20 TIP. These two phases will be funded with 80% MPO/TDOT funds and 20% Town funds. As with all MPO/TDOT funding, the Town would fund the entire cost and then send TDOT pay requests for 80% reimbursement. MPO funding for the Right of Way and Construction Phases will be applied for in 2019 for the MPO's 2020-23 TIP.

IMPACT ON OPERATING BUDGET
None. Maintenance of state routes are the responsibility of the Tennessee Department of Transportation.

LOCATION MAP

PROJECT COSTS	Prior Appropriations	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	TOTAL
LAND/RIGHT OF WAY			827,000				827,000
DESIGN/ENGINEERING	1,164,700						1,164,700
UTILITY RELOCATION							-
CONSTRUCTION							-
LANDSCAPING							-
EQUIPMENT/FURNISHINGS							-
OTHER							-
TOTAL COSTS	1,164,700	-	827,000	-	-	-	1,991,700
SOURCE OF FUNDS	Prior Appropriations	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	TOTAL
GENERAL FUND	232,900		165,400				398,300
WATER & SEWER FUND							-
BONDS							-
OTHER - TDOT	931,800		661,600				1,593,400
OTHER -							-
TOTAL SOURCE	1,164,700	-	827,000	-	-	-	1,991,700



PROJECT SCHEDULE	START	FINISH
DESIGN/ENGINEERING	6/18	6/20
LAND/RIGHT OF WAY	6/20	6/22
UTILITY RELOCATION	12/22	12/24
CONSTRUCTION	12/22	12/24
TOTAL PROJECT	6/18	12/24

FY 2020 TOWN OF COLLIERVILLE CAPITAL INVESTMENT PROGRAM

RESPONSIBLE DEPARTMENT Development - Engineering	PROJECT TITLE Sycamore Road Realignment (North of Shelby Dr.)	PROJECT MANAGER Dale Perryman	ACCOUNT NO.
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PROJECT DESCRIPTION
 This project will realign of approximately 1200 feet of Sycamore Road, south of State Route 385 to Shelby Drive. The realignment will consist of the construction of two new lanes to remove the reverse curves that exist. The new alignment will tie into the new lanes that have been constructed as part of the Shelby Drive and Sycamore Road construction.

BACKGROUND/HISTORY
 With construction of the new High School, road improvements are necessary to provide safe access to school site. Sycamore Road is a major north south road that runs from U.S. 72 to Shelby Drive. The existing alignment is substandard to handle large volumes of traffic due to improper site distances and the sharpness of curves. The current speed limit is 20 MPH.

IMPACT ON OPERATING BUDGET	LOCATION MAP
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PROJECT COSTS	Prior Appropriations	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	TOTAL
LAND/RIGHT OF WAY							-
DESIGN/ENGINEERING			65,000				65,000
UTILITY RELOCATION							-
CONSTRUCTION				100,000			100,000
LANDSCAPING							-
EQUIPMENT/FURNISHINGS							-
OTHER							-
TOTAL COSTS	-	-	65,000	100,000	-	-	165,000
SOURCE OF FUNDS	Prior Appropriations	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	TOTAL
GENERAL FUND			65,000	100,000			165,000
WATER & SEWER FUND							-
BONDS							-
OTHER - TDOT							-
OTHER - STORM WATER							-
TOTAL SOURCE	-	-	65,000	100,000	-	-	165,000



PROJECT SCHEDULE	START	FINISH
LAND/RIGHT OF WAY	4/21	6/21
DESIGN/ENGINEERING	10/20	3/21
UTILITY RELOCATION	N/A	N/A
CONSTRUCTION	8/21	4/22
TOTAL PROJECT	10/21	4/22

FY 2020 TOWN OF COLLIERVILLE CAPITAL INVESTMENT PROGRAM

RESPONSIBLE DEPARTMENT Development - Engineering	PROJECT TITLE Queen Oaks Bank Stabilization	PROJECT MANAGER Dale Perryman	ACCOUNT NO.
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PROJECT DESCRIPTION
 This project will help stabilize approximately 1,800 linear feet of stream banks of the Queen Oaks Ditch beginning at the end of the Queen Oaks Detention Pond and ending at Powell Road. The scope of work for FY 2022 would include the design to stabilize the ditch and banks in the project area. The design would include all permits which includes an Aquatic Resource Alteration Permit (ARAP), Storm Water Permit, Corps of Engineers permits and easement acquisition. It is anticipated the design, permitting and easement acquisition would take two years. This would allow for construction to take place in FY 2023.

BACKGROUND/HISTORY
 The completion of Queen Oaks Phase 1 detention facility, helped stabilize the banks for about eight lots along Rillbrook Drive along and reduced the flooding potential in the Lateral J drainage basin. However, the project did not include improvements to the ditch for the remaining lots along Rillbrook Drive (Spring Hill Subdivision), the lots in Peterson Lake Heights and the Powell Road Subdivision. The erosion and bank sloughing in the Queen Oaks ditch has been an ongoing problem for several years. If improvements are not made, the ditch will continue to erode and trees/debris will continue washing into the ditch which will result in decreased capacity and continuous maintenance issues. If the erosion continues to progress, homeowners will continue to lose property, and there is the potential for loss of fences and other structures along the ditch.

IMPACT ON OPERATING BUDGET
 None: Routine maintenance from time to time.

LOCATION MAP

PROJECT COSTS	Prior Appropriations	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	TOTAL
LAND/RIGHT OF WAY							-
DESIGN/ENGINEERING				80,000			80,000
UTILITY RELOCATION							-
CONSTRUCTION					700,000		700,000
LANDSCAPING							-
EQUIPMENT/FURNISHINGS							-
OTHER							-
TOTAL COSTS	-	-	-	80,000	700,000	-	780,000
SOURCE OF FUNDS	Prior Appropriations	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	TOTAL
GENERAL FUND							-
WATER & SEWER FUND							-
BONDS							-
OTHER - TDOT							-
OTHER - STORMWATER				80,000	700,000		780,000
TOTAL SOURCE	-	-	-	80,000	700,000	-	780,000



PROJECT SCHEDULE	START	FINISH
LAND/RIGHT OF WAY	6/22	11/22
DESIGN/ENGINEERING	9/21	4/22
UTILITY RELOCATION	2/23	11/23
CONSTRUCTION	2/23	11/23
TOTAL PROJECT	9/21	11/23

FY 2020 TOWN OF COLLIERVILLE CAPITAL INVESTMENT PROGRAM

RESPONSIBLE DEPARTMENT Development - Engineering	PROJECT TITLE South Rowlett Drainage Improvements	PROJECT MANAGER Dale Perryman	ACCOUNT NO.
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PROJECT DESCRIPTION
This project will consist of the installation of drainage pipe, inlets and open ditch construction for the area located in the vicinity at 477 South Rowlett Street.

BACKGROUND/HISTORY
The completion of the Alcorn Drainage Improvements and the installation of the new box culvert under Highway 72 allows for drainage improvements upstream of Highway 72. The existing terrain is flat and water cannot flow across the existing ground. During heavy rain events, water will collect in backyards causing serious yard flooding.

IMPACT ON OPERATING BUDGET
None: Routine maintenance from time to time.

LOCATION MAP

PROJECT COSTS	Prior Appropriations	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	TOTAL
LAND/RIGHT OF WAY							-
DESIGN/ENGINEERING							-
UTILITY RELOCATION							-
CONSTRUCTION				85,000			85,000
LANDSCAPING							-
EQUIPMENT/FURNISHINGS							-
OTHER							-
TOTAL COSTS	-	-	-	85,000	-	-	85,000



SOURCE OF FUNDS	Prior Appropriations	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	TOTAL
GENERAL FUND							-
WATER & SEWER FUND							-
BONDS							-
OTHER - TDOT							-
OTHER - STORM WATER				85,000			85,000
TOTAL SOURCE	-	-	-	85,000	-	-	85,000

PROJECT SCHEDULE	START	FINISH
LAND/RIGHT OF WAY	9/21	12/21
DESIGN/ENGINEERING	7/21	9/21
UTILITY RELOCATION	N/A	N/A
CONSTRUCTION	3/22	6/22
TOTAL PROJECT	7/21	6/22

FY 2020 TOWN OF COLLIERVILLE CAPITAL INVESTMENT PROGRAM

RESPONSIBLE DEPARTMENT Development - Engineering	PROJECT TITLE Shelby Dr Widening: Sycamore Rd to Hwy 72 (MPO)	PROJECT MANAGER Frank McPhail	ACCOUNT NO. 321-43120-931-201701
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PROJECT DESCRIPTION
 The project would widen Shelby Drive from an existing 2 lane rural road to a four lane divided urban roadway with raised medians, bike facilities, sidewalks and ADA improvements. The current phase of the project will consist of an environmental study from Sycamore Road to Highway 72 with the design and ROW acquisition starting at the high school's eastern most improvements to Shelby Drive and continue to Hwy 72.

BACKGROUND/HISTORY
 Currently, Shelby Drive has a two lane rural cross section. With completion of the new high school, surrounding infrastructure will need to be improved. The current rural section does not have the capacity to support traffic volumes that will be generated by the high school. The NEPA, design and ROW phases have been submitted to and approved by the Memphis Metropolitan Planning Organization (MPO) for funding in their 2017-20 Transportation Improvement Program (TIP). These phases will be funded with 80% MPO/TDOT funds and 20% Town funds. As with all MPO/TDOT funding, the Town will fund the entire cost and then send TDOT pay requests for 80% reimbursement. MPO funding for construction will be applied for in 2019 for the MPO's 2020-23 TIP.

IMPACT ON OPERATING BUDGET
 None. Maintenance of state routes are the responsibility of the Tennessee Department of Transportation.

LOCATION MAP



PROJECT COSTS	Prior Appropriations	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	TOTAL
LAND/RIGHT OF WAY	773,000						773,000
DESIGN/ENGINEERING	901,000						901,000
UTILITY RELOCATION							-
CONSTRUCTION					12,388,000		12,388,000
LANDSCAPING							-
EQUIPMENT/FURNISHINGS							-
OTHER							-
TOTAL COSTS	1,674,000		-	-	12,388,000	-	14,062,000
SOURCE OF FUNDS	Prior Appropriations	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	TOTAL
GENERAL FUND	334,800				2,477,600		2,812,400
WATER & SEWER FUND							-
BONDS							-
OTHER - TDOT	1,339,200				9,910,400		11,249,600
OTHER -							-
TOTAL SOURCE	1,674,000		-	-	12,388,000	-	14,062,000

PROJECT SCHEDULE	START	FINISH
DESIGN/ENGINEERING	6/18	6/20
LAND/RIGHT OF WAY	7/20	7/21
UTILITY RELOCATION	8/21	10/23
CONSTRUCTION	8/23	10/25
TOTAL PROJECT	6/18	10/23

FY 2020 TOWN OF COLLIERVILLE CAPITAL INVESTMENT PROGRAM

RESPONSIBLE DEPARTMENT Development - Engineering	PROJECT TITLE Mast Arm Upgrades (Main and Poplar)	PROJECT MANAGER Dale Perryman	ACCOUNT NO.
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PROJECT DESCRIPTION
 This project shall consist of the installation of green decorative poles and mast arms at Main Street and Poplar Avenue. Construction will include replacement of the existing signal, new LED signal heads, control cabinet, connection to the Town's Fiber Optic network, and the reconstruction to the existing ADA Ramps to bring them up to current standards.

BACKGROUND/HISTORY
 Over time signals throughout the Town along Poplar Avenue have been upgraded to decorative poles and mast arms either by the Town or Developers. Poplar Avenue at Main Street is the only signal left that consist of the strain wire system. A streetscape project is currently proposed for Main Street with in this fiscal year for enhancements.

IMPACT ON OPERATING BUDGET	LOCATION MAP
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PROJECT COSTS	Prior Appropriations	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	TOTAL
LAND/RIGHT OF WAY							-
DESIGN/ENGINEERING					60,000	310,000	370,000
UTILITY RELOCATION							-
CONSTRUCTION							-
LANDSCAPING							-
EQUIPMENT/FURNISHINGS							-
OTHER							-
TOTAL COSTS	-	-	-	-	60,000	310,000	370,000
SOURCE OF FUNDS	Prior Appropriations	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	TOTAL
GENERAL FUND					60,000	310,000	370,000
WATER & SEWER FUND							-
BONDS							-
OTHER - TDOT							-
OTHER -							-
TOTAL SOURCE	-	-	-	-	60,000	310,000	370,000



PROJECT SCHEDULE	START	FINISH
LAND/RIGHT OF WAY		
DESIGN/ENGINEERING	9/22	12/22
UTILITY RELOCATION	2/23	7/23
CONSTRUCTION	2/23	7/23
TOTAL PROJECT	9/22	7/23

FY 2020**PUBLIC SAFETY CIP SUMMARY**

	APPROVED FY 2020	PROJECTED FY 2021	PROJECTED FY 2022	PROJECTED FY 2023	PROJECTED FY 2024	TOTAL 5 YEAR CIP
PROJECT						
Public Safety						
CAD / RMS Replacement Servers	230,000	-	-	-	-	230,000
Replacement Rescue/Pumper Truck	896,000	-	-	-	-	896,000
Fire Station #6 - Design	-	-	150,000	-	-	150,000
Replacement Rescue/Pumper Truck	-	-	1,024,000	-	-	1,024,000
Fire Station #6 - Apparatus	-	-	-	1,502,000	-	1,502,000
Fire Station #6 - Construction	-	-	-	3,300,000	-	3,300,000
Replacement Self-Contained Breathing Apparatus SCBA	-	-	-	-	200,000	200,000
Total Public Safety CIP	1,126,000	-	1,174,000	4,802,000	200,000	7,302,000
Funding Sources						
Fire Facility Fees	-	-	150,000	-	-	150,000
Police Privilege Tax	230,000	-	-	-	-	230,000
General Fund Reserves	896,000	-	1,024,000	4,802,000	200,000	6,922,000
Total Funding Sources	1,126,000	-	1,174,000	4,802,000	200,000	7,302,000

FY 2020	TOWN OF COLLIERVILLE CAPITAL INVESTMENT PROGRAM		
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RESPONSIBLE DEPARTMENT Police	PROJECT TITLE CAD / RMS Replacement Servers	PROJECT MANAGER Lt. David Townsend	ACCOUNT NO. 321-42100-948-202001
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PROJECT DESCRIPTION
 The servers that manage the Police Department's CAD (Computer Aided Dispatch) and RMS (Records Management) software were installed in 2013. The warranties are about to expire and also the server(s) space is almost full. In addition, the servers are running Windows 2008 and is no longer supported. These servers manage dispatch, records management and jail management software. These servers are utilized during normal and emergency operations and a failure of one of the servers could impact the Town's Emergency Management operations. In discussions with Shelby County 911, Director Chiozza has agreed to budget \$230,000 to reimburse the Town for the replacement of the servers (pending 911 Board approval).

BACKGROUND/HISTORY
 The current servers were purchased and installed in 2013. These servers are used for all Police Department records management, dispatching, incident records and jail records, utilizing Central Square Technologies Inform Suite of Public Safety Software. The Fire Department is also using the same dispatching software. The IT Department recommends the following server specifications with estimated costs: Nimble Storage devices (\$75,000), UCS Blade Servers (\$58,000), labor to install hardware (\$15,000), and installation of the public safety software and transfer of the existing records by Central Square Technologies (\$70,000). It is our understanding from the vendors that a 15% tariff will most likely be applied this year on all technology, which would add to the overall costs of the equipment. Shelby County 911 has agreed to reimburse the Town of Collierville up to \$230,000 to cover the server replacement and any unforeseen costs. At this time, the replacement servers are listed on the GSA Contract for purchasing, the labor for install is listed on state contract pricing and the TriTech (Central Square) labor and software upgrades would be sole source. CPD anticipates going before the BMA in July / August 2019 for purchase.

IMPACT ON OPERATING BUDGET								LOCATION MAP		
PROJECT COSTS	Prior Appropriations	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	TOTAL			
LAND/RIGHT OF WAY							-			
DESIGN/ENGINEERING							-			
UTILITY RELOCATION							-			
CONSTRUCTION							-			
LANDSCAPING							-			
EQUIPMENT/FURNISHINGS		230,000					230,000			
OTHER							-			
TOTAL COSTS		230,000	-	-	-	-	230,000			
SOURCE OF FUNDS	Prior Appropriations	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	TOTAL			
GENERAL FUND							-	PROJECT SCHEDULE	START	FINISH
WATER & SEWER FUND							-	LAND/RIGHT OF WAY		
BONDS							-	DESIGN/ENGINEERING		
OTHER - TDOT							-	UTILITY RELOCATION		
OTHER - POLICE PRIVILEGE TAX		230,000					230,000	CONSTRUCTION		
TOTAL SOURCE	-	230,000	-	-	-	-	230,000	TOTAL PROJECT	7/19	4/20

FY 2020 TOWN OF COLLIERVILLE CAPITAL INVESTMENT PROGRAM

RESPONSIBLE DEPARTMENT	PROJECT TITLE	PROJECT MANAGER	ACCOUNT NO.
Fire	Replacement Rescue-Pumper Truck (F-24)	Mark King	321-42200-944-202001

PROJECT DESCRIPTION
 The new rescue-pumper will feature a variety of new and advanced technological improvements as related to firefighter safety, serviceability, durability and performance, which makes it more cost-efficient to operate. In addition to the rescue-pumper, the project includes all the required complement of essential equipment (fire hose, air packs and monitoring equipment, technical rescue equipment, communications equipment, medical diagnostic equipment, tools and appliances). The scope of work includes: (1) researching National Fire Protection Association (NFPA) 1901 Standards For Automotive Fire Apparatus, and Insurance Service Office (ISO) Fire Suppression Rating Schedule (FSRS); (2) developing detailed technical specifications for competitive bidding; (3) advertising, pre-bid meeting, receipt, evaluation and award of bid; (4) factory inspection trips; preconstruction conference and final inspection; (5) delivery and acceptance process; (6) equipment mounting-placement; (7) driving training and vehicle operation/maintenance. The Fire Department has training and experience with design engineering of fire apparatus and will produce detailed technical specifications for bid documents.

BACKGROUND/HISTORY
 The newer technology will improve reliability and maintenance, which makes the new rescue pumper more cost-efficient to operate; it will reduce maintenance cost related to parts, labor and fuel in respect to the old rescue-pumper (F-24). This new rescue-pumper will replace the existing front-line rescue-pumper (F-24; 1999 American LaFrance), which is twenty (20) years old and will be downgraded to reserve status. F-05 (1986 Pierce) is thirty-three (33) years old and will be removed from reserve status and surplus.

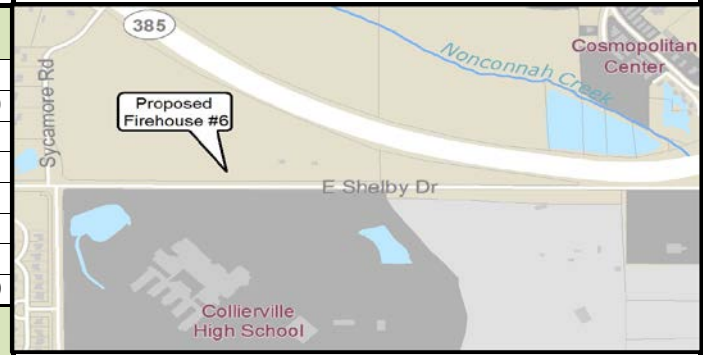
IMPACT ON OPERATING BUDGET
 It will reduce maintenance cost related to parts, labor and fuel.
 Note: In order to take advantage of the pre-pay discount, the rescue-pumper will need to be paid once the BMA approve the contract (July 2019).

PROJECT COSTS	Prior Appropriations	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	TOTAL
LAND/RIGHT OF WAY							-
DESIGN/ENGINEERING							-
UTILITY RELOCATION							-
CONSTRUCTION		738,000					738,000
LANDSCAPING							-
EQUIPMENT/FURNISHINGS		158,000					158,000
OTHER							-
TOTAL COSTS	-	896,000	-	-	-	-	896,000
SOURCE OF FUNDS	Prior Appropriations	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	TOTAL
GENERAL FUND		896,000					896,000
WATER & SEWER FUND							-
BONDS							-
OTHER - TDOT							-
OTHER -							-
TOTAL SOURCE	-	896,000	-	-	-	-	896,000



PROJECT SCHEDULE	START	FINISH
LAND/RIGHT OF WAY		
DESIGN/ENGINEERING	1/19	6/19
UTILITY RELOCATION		
CONSTRUCTION	7/19	7/20
TOTAL PROJECT	1/19	7/20

FY 2020										TOWN OF COLLIERVILLE CAPITAL INVESTMENT PROGRAM									
RESPONSIBLE DEPARTMENT					PROJECT TITLE					PROJECT MANAGER					ACCOUNT NO.				
Fire					Architectural/Engineering Design Services (Firehouse #6)					Mark King									
PROJECT DESCRIPTION																			
Architectural/Engineering Design Services for Firehouse #6 (Shelby Drive at Sycamore); the scope of the project includes:																			
<ul style="list-style-type: none"> • Architectural Schematic Design with Cost Estimate • Design Development Documents and Construction Bid Documents (civil engineering, architectural, structural engineering, mechanical, plumbing, fire protection engineering, electrical engineering, landscape and irrigation, specifications) • Construction Administration (be a representative of and advise and consult with the owner during administration of the contract for construction, prepare change order with supporting data, prepare request for proposals, respond to request for information, review change order requests, review and certify the amounts due to the contractor, review shop drawings, product data, and samples, conduct inspections and develop punch-list at substantial completion, issued field observation reports and actions items, attend on-site progress meeting conducted by the contractor) 																			
BACKGROUND/HISTORY																			
The expansion of the Byhalia Road Corridor and the associated growth and development is putting a strain on the limited staffing and resources and is affecting emergency response times. Our goal has always been to maintain a rapid response time average of 5 minutes or less to intervene as quickly as possible, minimizing loss of life and property damage, and to perform vital emergency medical services to our citizens. Fire protection, EMS services and the ISO rating have presented a need to add additional firehouse in areas that have experienced significant growth.																			
The district is comprised of two schools (Collierville High School Campus and Athletic Complex and Sycamore Elementary), two churches, +/- 12 neighborhoods, two interstates (I385 & I269) and proposed Senior Living Apartment Complex. The fire department estimates firehouse #6's district to cover 4.5-5.2 sq. miles with a population of 5,743 - 6,303; and annually servicing between 738-823 responses.																			
IMPACT ON OPERATING BUDGET										Across From New Collierville High School Campus									
N/A																			
PROJECT COSTS		Prior Appropriations	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	TOTAL											
LAND/RIGHT OF WAY								-											
DESIGN/ENGINEERING					150,000			150,000											
UTILITY RELOCATION								-											
CONSTRUCTION								-											
LANDSCAPING								-											
EQUIPMENT/FURNISHINGS								-											
OTHER								-											
TOTAL COSTS		-	-	-	150,000	-	-	150,000											
SOURCE OF FUNDS		Prior Appropriations	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	TOTAL											
GENERAL FUND								-											
WATER & SEWER FUND								-											
BONDS								-											
OTHER - TDOT								-											
OTHER - Fire Protection Fee					150,000			150,000											
TOTAL SOURCE		-	-	-	150,000	-	-	150,000											
										PROJECT SCHEDULE		START	FINISH						
										LAND/RIGHT OF WAY									
										DESIGN/ENGINEERING		7/21	12/21						
										UTILITY RELOCATION									
										CONSTRUCTION									
										TOTAL PROJECT		7/21	12/21						



FY 2020 TOWN OF COLLIERVILLE CAPITAL INVESTMENT PROGRAM

RESPONSIBLE DEPARTMENT	PROJECT TITLE	PROJECT MANAGER	ACCOUNT NO.
Fire	Replacement Rescue-Pumper (F-32)	Mark King	

PROJECT DESCRIPTION
 The new rescue-pumper will feature a variety of new and advanced technological improvements as related to firefighter safety, serviceability, durability and performance, which makes it more cost-efficient to operate. In addition to the rescue-pumper, the project includes all the required complement of essential equipment (fire hose, air packs and monitoring equipment, technical rescue equipment, communications equipment, medical diagnostic equipment, tools and appliances). The scope of work includes: (1) researching National Fire Protection Association (NFPA) 1901 Standards For Automotive Fire Apparatus, and Insurance Service Office (ISO) Fire Suppression Rating Schedule (FSRS); (2) developing detailed technical specifications for competitive bidding; (3) advertising, pre-bid meeting, receipt, evaluation and award of bid; (4) factory inspection trips; preconstruction conference and final inspection; (5) delivery and acceptance process; (6) equipment mounting-placement; (7) driving training and vehicle operation/maintenance. The Fire Department has training and experience with design engineering of fire apparatus and will produce detailed technical specifications for bid documents.

BACKGROUND/HISTORY
 The newer technology will improve reliability and maintenance, which makes the new rescue pumper more cost-efficient to operate; it will reduce maintenance cost related to parts, labor and fuel in respect to the old rescue-pumper (F-32). This new rescue-pumper will replace the existing front-line rescue-pumper (F-32; 1999 American LaFrance), which is twenty (20) years old and at the end of its shelf-life. F-32 is no longer in production and Fleet Services is having an extremely difficult time obtaining after-market replacement parts, which increases down-time and maintenance cost to have parts fabricated. Once replaced, this rescue-pumper will be salvaged for parts in an attempt to keep the remaining American LaFrance rescue-pumpers in-service until they are scheduled to be replaced.

There is a significant risk associated with the delay of this acquisition as it will reduce the remaining service life of the unit, which is needed for surge and back-up capability. Significant break/fix costs and downtime is anticipated if this acquisition is not made.

IMPACT ON OPERATING BUDGET
 It will reduce maintenance cost related to parts, labor and fuel
 Note: In order to take advantage of the pre-pay discount, the rescue-pumper will need to be paid once the BMA approve the contract (July 2021).

PROJECT COSTS	Prior Appropriations	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	TOTAL
LAND/RIGHT OF WAY							-
DESIGN/ENGINEERING							-
UTILITY RELOCATION							-
CONSTRUCTION				803,000			803,000
LANDSCAPING							-
EQUIPMENT/FURNISHINGS				221,000			221,000
OTHER							-
TOTAL COSTS	-		-	1,024,000	-	-	1,024,000
SOURCE OF FUNDS	Prior Appropriations	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	TOTAL
GENERAL FUND				1,024,000			1,024,000
WATER & SEWER FUND							-
BONDS							-
OTHER - TDOT							-
OTHER -							-
TOTAL SOURCE	-		-	1,024,000	-	-	1,024,000



PROJECT SCHEDULE	START	FINISH
LAND/RIGHT OF WAY		
DESIGN/ENGINEERING	1/21	6/21
UTILITY RELOCATION		
CONSTRUCTION	7/21	7/22
TOTAL PROJECT	1/21	7/22

FY 2020								TOWN OF COLLIERVILLE CAPITAL INVESTMENT PROGRAM		
RESPONSIBLE DEPARTMENT		PROJECT TITLE			PROJECT MANAGER		ACCOUNT NO.			
Fire		Ladder Truck; Firehouse #6			Mark King					
PROJECT DESCRIPTION										
The new ladder truck will feature a variety of new and advanced technological improvements as related to firefighter safety, serviceability, durability and performance, which makes it more cost-effective to operate. In addition to the rescue-pumper, the project includes all the required complement of essential equipment (fire hose, air packs and monitoring equipment, technical rescue equipment, communications equipment, medical diagnostic equipment, tools and appliances). The scope of work includes: (1) researching National Fire Protection Association (NFPA) 1901 Standards For Automotive Fire Apparatus, and Insurance Service Office (ISO) Fire Suppression Rating Schedule (FSRS); (2) developing detailed technical specifications for competitive bidding; (3) advertising, pre-bid meeting, receipt, evaluation and award of bid; (4) factory inspection trips; preconstruction conference and final inspection; (5) delivery and acceptance process; (6) equipment mounting-placement; (7) driving training and vehicle operation/maintenance. The Fire Department has training and experience with design engineering of fire apparatus and will produce detailed technical specifications for bid documents.										
BACKGROUND/HISTORY										
In conjunction with the opening of firehouse #6, a new ladder truck will need to be purchased and F-22 (1996 E-One HP70 Platform) will be removed from reserve status and surplus.										
IMPACT ON OPERATING BUDGET										
Increase fuel, preventative maintenance and testing cost \$4,000 Note: In order to take advantage of the pre-pay discount, the rescue-pumper will need to be paid once the BMA approve the contract (July 2022).										
PROJECT COSTS		Prior Appropriations	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	TOTAL		
LAND/RIGHT OF WAY								-		
DESIGN/ENGINEERING								-		
UTILITY RELOCATION								-		
CONSTRUCTION						1,250,000		1,250,000		
LANDSCAPING								-		
EQUIPMENT/FURNISHINGS						252,000		252,000		
OTHER								-		
TOTAL COSTS		-				1,502,000		1,502,000		
SOURCE OF FUNDS		Prior Appropriations	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	TOTAL		
GENERAL FUND					-	1,502,000	-	1,502,000		
WATER & SEWER FUND								-		
BONDS								-		
OTHER - TDOT								-		
OTHER -								-		
TOTAL SOURCE		-				1,502,000	-	1,502,000		
								PROJECT SCHEDULE	START	FINISH
								LAND/RIGHT OF WAY		
								DESIGN/ENGINEERING	2/22	7/22
								UTILITY RELOCATION		
								CONSTRUCTION	8/22	9/23
								TOTAL PROJECT	2/22	9/23



FY 2020								TOWN OF COLLIERVILLE CAPITAL INVESTMENT PROGRAM			
RESPONSIBLE DEPARTMENT		PROJECT TITLE				PROJECT MANAGER		ACCOUNT NO.			
Fire		Facility Construction; Firehouse #6				Mark King					
PROJECT DESCRIPTION											
<ul style="list-style-type: none"> This project will provide the Fire Department with an additional ± 10,750 sq. ft. firehouse in accordance with the fire department's long-range planning efforts. The firehouse was to be built in conjunction with the Byhalia Road corridor, and will be located on Shelby Drive east of Sycamore across from the new Collierville High School/Athletic Campus. The facility will consist of a three-bay drive-through apparatus bay to accommodate six pieces of apparatus (Rescue-Pumper, Ambulance, Battalion Chief, Reserve-Pumper, and Haz-Mat Cargo Trailer, Mass Casualty Cargo Trailer), with an adjoining work, business and living facilities (lieutenant's office, day-room, kitchen, individual living quarters, separate bathrooms/showers, cardio-exercise room, and closet/storage areas, as well as, separate business and living quarters for the Battalion Chief). Construction will take approximately twelve (12) months. 											
BACKGROUND/HISTORY											
<p>The expansion of the Byhalia Road Corridor and the associated growth and development is putting a strain on the limited staffing and resources and is affecting emergency response times. Our goal has always been to maintain a rapid response time average of 5 minutes or less to intervene as quickly as possible, minimizing loss of life and property damage, and to perform vital emergency medical services to our citizens. Fire protection, EMS services and the ISO rating have presented a need to add additional firehouse in areas that have experienced significant growth.</p> <p>The district is comprised of two schools (Collierville High School Campus and Athletic Complex and Sycamore Elementary), two churches, +/- 12 neighborhoods, two interstates (I385 & I269) and proposed Senior Living Apartment Complex. The fire department estimates firehouse #6's district to cover 4.5-5.2 sq. miles with a population of 5,743 - 6,303; and annually servicing between 738-823 responses.</p>											
IMPACT ON OPERATING BUDGET						LOCATION MAP					
Increase fuel, preventative maintenance and testing cost \$4,000											
PROJECT COSTS	Prior Appropriations	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	TOTAL				
LAND/RIGHT OF WAY							-				
DESIGN/ENGINEERING							-				
UTILITY RELOCATION					42,000		42,000				
CONSTRUCTION					3,125,000		3,125,000				
LANDSCAPING					97,000		97,000				
EQUIPMENT/FURNISHINGS							-				
OTHER					36,000		36,000				
TOTAL COSTS	-		-		3,300,000		3,300,000				
SOURCE OF FUNDS	Prior Appropriations	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	TOTAL	PROJECT SCHEDULE	START	FINISH	
GENERAL FUND				-	3,300,000	-	3,300,000	LAND/RIGHT OF WAY			
WATER & SEWER FUND							-	DESIGN/ENGINEERING	2/22	7/22	
BONDS							-	UTILITY RELOCATION			
OTHER - TDOT							-	CONSTRUCTION	8/22	9/23	
OTHER -							-	TOTAL PROJECT	2/22	9/23	
TOTAL SOURCE	-		-	-	3,300,000	-	3,300,000				

FY 2020 TOWN OF COLLIERVILLE CAPITAL INVESTMENT PROGRAM

RESPONSIBLE DEPARTMENT Fire	PROJECT TITLE Replacement Self-Contained Breathing Apparatus SCBA (Phase I)	PROJECT MANAGER Chief Mark King	ACCOUNT NO.
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PROJECT DESCRIPTION
 This project consist of replacing forty-six (46) self-contained breathing apparatus, one hundred (100) SCBA 45-minute 5500 psi Cylinders, one hundred (100) face pieces with sight in-mask thermal imagers and ten (10) rapid intervention team (RIT) packs. This project will be completed over two fiscal years with one-half being purchased late FY24 and the other half the first of FY25. The new SCBA units would meet all current safety standards and bring all of our responding firefighters into full compliance (100%) with national standards.

BACKGROUND/HISTORY
 In 2006, the fire department obtained an Assistance to Firefighter Grant (AFG), which replaced all self-contained breathing apparatus (SCBA) air packs and associated equipment. The SCBA units have a self-life of fifteen (15) years and our current units are eighteen (18) years old and are simply worn out. Our current model has been out of production since 2013, parts are extremely hard to locate and repair costs exceed to depreciated value.

IMPACT ON OPERATING BUDGET
 It will reduce preventative maintenance, emergency repairs and down-time significantly. This is a two-phase purchase; it is important that phase-1 be purchased at the end of FY24 fiscal year and phase-2 be purchased at the beginning of FY25, so personnel are trained and utilizing the same type of equipment.

	Prior Appropriations	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	TOTAL
LAND/RIGHT OF WAY							-
DESIGN/ENGINEERING							-
UTILITY RELOCATION							-
CONSTRUCTION							-
LANDSCAPING							-
EQUIPMENT/FURNISHINGS						200,000	200,000
OTHER							-
TOTAL COSTS	-	-	-	-	-	200,000	200,000



SOURCE OF FUNDS	Prior Appropriations	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	TOTAL
GENERAL FUND						200,000	200,000
WATER & SEWER FUND							-
BONDS							-
OTHER - TDOT							-
OTHER - Fire Protection Fee							-
TOTAL SOURCE	-	-	-	-	-	200,000	200,000

PROJECT SCHEDULE	START	FINISH
LAND/RIGHT OF WAY		
DESIGN/ENGINEERING	7/23	6/24
UTILITY RELOCATION		
CONSTRUCTION	2/24	6/24
TOTAL PROJECT	7/23	6/24

FY 2020**PARKS AND RECREATION CIP SUMMARY**

PROJECT	APPROVED FY 2020	PROJECTED FY 2021	PROJECTED FY 2022	PROJECTED FY 2023	PROJECTED FY 2024	TOTAL 5 YEAR CIP
Parks & Recreation						
Hinton Park Playground & Performance Lawn	500,000	-	-	-	-	500,000
Greenbelt Overlay System	-	200,000	500,000	-	-	700,000
Hinton Park - Parking Lot Expansion	-	300,000	-	-	-	300,000
Playground Surface Renovations	-	125,000	125,000	-	-	250,000
Spray Park Re-Surfacing - W.C. Johnson & Suggs	-	125,000	-	-	-	125,000
Suggs Park Improvements	-	-	125,000	-	-	125,000
Multi-Purpose Athletic Field - Cricket	-	-	-	300,000	-	300,000
WCJ Turf Replacement - Multi-Purpose Fields	-	-	-	400,000	-	400,000
WT Price Park - Trailhead Parking Lot	-	-	-	50,000	-	50,000
Wolf River Regional Greenbelt Trail - Phase 1	-	-	-	-	500,000	500,000
WT Price Park Improvements	-	-	-	-	250,000	250,000
Total Parks & Recreation CIP	500,000	750,000	750,000	750,000	750,000	3,500,000
Funding Sources						
Parks Improvement Funds	500,000	750,000	750,000	750,000	750,000	3,500,000
Total Funding Sources	500,000	750,000	750,000	750,000	750,000	3,500,000

FY 2020	TOWN OF COLLIERVILLE CAPITAL INVESTMENT PROGRAM
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RESPONSIBLE DEPARTMENT Parks and Recreation	PROJECT TITLE Hinton Park - Playground (Phase II) and Performance Lawn	PROJECT MANAGER Greg Clark	ACCOUNT NO. 321-44400-937-202001
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PROJECT DESCRIPTION
 This project will begin Phase II improvements to our newest community park - Hinton Park. Components of the improvements include an installation of an additional playground, construction of a stage in performance lawn, 9 hole disc golf course expansion, and several picnic shade structures.
 Treehouse Playground, Performance Lawn Stage, Disc Golf Course Expansion

FY 2020 -

BACKGROUND/HISTORY
 In 2004, the Town of Collierville purchased 110 acres on the NW corner of Holmes Road & Fleming Road for the purpose of developing a new Community Park - Hinton Park. In 2015, Phase I of Hinton Park was opened to the public and included the entrance road and parking areas, disc golf course, small playground, King of the Hill play area, electrical panel for the performance lawn, a restroom building, and a large open play field.

IMPACT ON OPERATING BUDGET Increase in maintenance expenses of approximately \$2,000/yr.	LOCATION MAP
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PROJECT COSTS	Prior Appropriations	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	TOTAL			
LAND/RIGHT OF WAY							-			
DESIGN/ENGINEERING		50,000					50,000			
UTILITY RELOCATION							-			
CONSTRUCTION		450,000					450,000			
LANDSCAPING							-			
EQUIPMENT/FURNISHINGS							-			
OTHER							-			
TOTAL COSTS	-	500,000	-	-	-	-	500,000			
SOURCE OF FUNDS	Prior Appropriations	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	TOTAL			
GENERAL FUND							-			
WATER & SEWER FUND							-			
BONDS							-			
OTHER - TDOT							-			
OTHER - PARK IMPROVEMENT FUND		500,000					500,000			
TOTAL SOURCE	-	500,000	-	-	-	-	500,000			

PROJECT SCHEDULE	START	FINISH
LAND/RIGHT OF WAY	N/A	N/A
DESIGN/ENGINEERING	4/20	10/21
UTILITY RELOCATION	N/A	N/A
CONSTRUCTION	10/21	5/22
TOTAL PROJECT	4/20	5/22

FY 2020 TOWN OF COLLIERVILLE CAPITAL INVESTMENT PROGRAM

RESPONSIBLE DEPARTMENT General Services	PROJECT TITLE Greenbelt System Overlay	PROJECT MANAGER Neil Wiseman	ACCOUNT NO.
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PROJECT DESCRIPTION
 This project consists of performing regular maintenance on the greenbelt trail system by removing diseased trees, correcting drainage problems, installing root barrier material to prevent tree roots from damaging the trails, milling the damaged or compromised asphalt surface, and overlaying with a new surface coat of asphalt.

2021 The trail sections of Eastbrook, Porter Farms North, Ashton Wood and Halle Park will receive repairs, patching, drainage work and overlay as necessary. Thereafter, each trail will be placed on a two (2) year cycle coating program.

2022 The trail sections of Queen Oaks, Steeplechase, Wynnbrooke, Oakmont, and W.C. Johnson will receive repairs, patching, drainage and overlay as necessary. Thereafter, each trail will be placed on a two (2) year cycle coating program.

BACKGROUND/HISTORY
 The Collierville Greenbelt Master Plan was adopted in 1994 and updated in 2001. Each year, specific trails are designated for new construction and/or to be overlaid. The overall system calls for sixty-plus (60+) miles of greenbelt trails and sidewalk connections that are designed to connect residential areas to parks, schools, and retail areas. Currently, the Town has over eighteen (18) miles of hard surface and primitive trails in place.

IMPACT ON OPERATING BUDGET
 No budget impact.

LOCATION MAP

Multiple Locations

PROJECT SCHEDULE	START	FINISH
LAND/RIGHT OF WAY		
DESIGN/ENGINEERING		
UTILITY RELOCATION		
CONSTRUCTION	3/21	6/22
TOTAL PROJECT	3/21	6/22

PROJECT COSTS	Prior Appropriations	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	TOTAL
LAND/RIGHT OF WAY							-
DESIGN/ENGINEERING							-
UTILITY RELOCATION							-
CONSTRUCTION			200,000	500,000			700,000
LANDSCAPING							-
EQUIPMENT/FURNISHINGS							-
OTHER							-
TOTAL COSTS	-	-	200,000	500,000	-	-	700,000
SOURCE OF FUNDS	Prior Appropriations	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	TOTAL
GENERAL FUND							-
WATER & SEWER FUND							-
BONDS							-
OTHER - TDOT							-
OTHER - PARK IMPROVEMENT FUND			200,000	500,000			700,000
TOTAL SOURCE	-	-	200,000	500,000	-	-	700,000

FY 2020	TOWN OF COLLIERVILLE CAPITAL INVESTMENT PROGRAM
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RESPONSIBLE DEPARTMENT Parks and Recreation	PROJECT TITLE Hinton Park - Parking Lot Expansion	PROJECT MANAGER Greg Clark	ACCOUNT NO.
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PROJECT DESCRIPTION
 This project includes the design and construction of approximately 100 new parking spaces at Hinton Park. Other components of the project include access/entrance drives and landscaping.

BACKGROUND/HISTORY
 In 2004, the Town of Collierville purchased 110 acres on the NW corner of Holmes Road & Fleming Road for the purpose of developing a new Community Park - Hinton Park. In 2015, Phase I of Hinton Park was opened to the public and included the entrance road and parking areas, disc golf course, small playground, King of the Hill play area, electrical panel for the performance lawn, a restroom building, and a large open play field.

IMPACT ON OPERATING BUDGET
 Minimal increase of \$500/yr. for maintenance.

LOCATION MAP

PROJECT COSTS	Prior Appropriations	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	TOTAL
LAND/RIGHT OF WAY							-
DESIGN/ENGINEERING			15,000				15,000
UTILITY RELOCATION							-
CONSTRUCTION			280,000				280,000
LANDSCAPING			5,000				5,000
EQUIPMENT/FURNISHINGS							-
OTHER							-
TOTAL COSTS	-	-	300,000	-	-	-	300,000
SOURCE OF FUNDS	Prior Appropriations	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	TOTAL
GENERAL FUND							-
WATER & SEWER FUND							-
BONDS							-
OTHER - TDOT							-
OTHER - PARK IMPROVEMENT FUND			300,000				300,000
TOTAL SOURCE	-	-	300,000	-	-	-	300,000



PROJECT SCHEDULE	START	FINISH
LAND/RIGHT OF WAY		
DESIGN/ENGINEERING	1/21	3/21
UTILITY RELOCATION		
CONSTRUCTION	6/21	9/21
TOTAL PROJECT	1/21	9/21

FY 2020 TOWN OF COLLIERVILLE CAPITAL INVESTMENT PROGRAM

RESPONSIBLE DEPARTMENT General Services	PROJECT TITLE Playground Surface Renovation	PROJECT MANAGER Derek Honeycutt	ACCOUNT NO. 321-44400-937-201601
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PROJECT DESCRIPTION
 The project consists of maintaining each playground safety surface by one (1) of two (2) renovation methods: 1) remove the entire safety surface and install a new poured-in-place rubber safety surface, or 2) apply a new top coat onto the current surface with a 1/2 inch layer of new poured-in-place rubber surface.

2021 Nikki McCray was installed in 2008. Deterioration of the surface requires that it receive a new 1/2 inch poured-in-place top coat rubber safety layer.

2022 Cox Park playground will be converted from a mulch and sand surface to a 3-1/2 inch poured-in-place rubber safety surface.

BACKGROUND/HISTORY
 Over the years, the Town has replaced playground surfaces which consisted of sand and mulch to the rubberized safety surface in order to be compliant with the 2012 modification of the 1991 ADA laws while creating a playground with an approved critical fall-zone safety surface.

IMPACT ON OPERATING BUDGET
 None. Routine Maintenance.

LOCATION MAP		
Multiple Locations		
PROJECT SCHEDULE	START	FINISH
LAND/RIGHT OF WAY		
DESIGN/ENGINEERING		
UTILITY RELOCATION		
CONSTRUCTION	9/19	11/20
TOTAL PROJECT	9/19	11/20

PROJECT COSTS	Prior Appropriations	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	TOTAL
LAND/RIGHT OF WAY							-
DESIGN/ENGINEERING							-
UTILITY RELOCATION							-
CONSTRUCTION	200,000		125,000	125,000			450,000
LANDSCAPING							-
EQUIPMENT/FURNISHINGS							-
OTHER							-
TOTAL COSTS	200,000	-	125,000	125,000	-	-	450,000
SOURCE OF FUNDS	Prior Appropriations	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	TOTAL
GENERAL FUND							-
WATER & SEWER FUND							-
BONDS							-
OTHER - TDOT							-
OTHER - Park Improvement Fund	200,000		125,000	125,000			450,000
TOTAL SOURCE	200,000	-	125,000	125,000	-	-	450,000

FY 2020	TOWN OF COLLIERVILLE CAPITAL INVESTMENT PROGRAM
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RESPONSIBLE DEPARTMENT General Services	PROJECT TITLE Spray Park Re-surfacing - W.C. Johnson and Suggs	PROJECT MANAGER Neil Wiseman	ACCOUNT NO.
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PROJECT DESCRIPTION
 This project consists of removing the existing spray park safety surface and applying a new surface over the concrete pad with poured-in-place safety surfacing at each spray park. The cured in place surface material provides a safe non-slip surface to protect children while playing in the water feature areas of the spray park.

W.C. Johnson spray park - approximately 4,000 sq. ft. of safety surface to be replaced.

Suggs spray park - approximately 3,000 sq. ft. of safety surface to be replaced.

BACKGROUND/HISTORY
 W.C. Johnson spray park was constructed in 2001 and expanded in 2005. Suggs spray park was constructed in 2003. Both poured-in-place safety surfaces were replaced with a new surface in 2013. The constant water filtration of the safety surface and ultra-violet rays cause the surface to deteriorate within the seven (7) to eight (8) year expected life cycle. New technology has provided new surfaces that reduce water penetration into the rubber surfacing creating the extended life cycle currently received from the safety surface material.

IMPACT ON OPERATING BUDGET Daily maintenance that is currently underway.	LOCATION MAP
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PROJECT COSTS	Prior Appropriations	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	TOTAL	Multiple Locations		
LAND/RIGHT OF WAY							-			
DESIGN/ENGINEERING							-			
UTILITY RELOCATION							-			
CONSTRUCTION			125,000				125,000			
LANDSCAPING							-			
EQUIPMENT/FURNISHINGS							-			
OTHER							-			
TOTAL COSTS	-	-	125,000	-	-	-	125,000			
SOURCE OF FUNDS	Prior Appropriations	FY 2020	FY 2021	FY 2022	FY 2023	FY 2023	TOTAL	PROJECT SCHEDULE	START	FINISH
GENERAL FUND							-	LAND/RIGHT OF WAY		
WATER & SEWER FUND							-	DESIGN/ENGINEERING		
BONDS							-	UTILITY RELOCATION		
OTHER - TDOT							-	CONSTRUCTION	8/21	6/22
OTHER - PARK IMPROVEMENT FUND			125,000				125,000	TOTAL PROJECT	8/21	6/22
TOTAL SOURCE	-	-	125,000	-	-	-	125,000			

FY 2020 TOWN OF COLLIERVILLE CAPITAL INVESTMENT PROGRAM

RESPONSIBLE DEPARTMENT Parks and Recreation	PROJECT TITLE Suggs Park Improvements	PROJECT MANAGER Greg Clark	ACCOUNT NO. 321-44400-937--201902
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PROJECT DESCRIPTION
This project includes ballfield renovations to the lower base/softball field (#1). Components of the project include infield grading/drainage, irrigation, new fencing, turf grass.

BACKGROUND/HISTORY
Suggs Park is the oldest property in the Collierville Park System. The existing restroom/storage building is very old and needs to be replaced offering more stalls to accommodate the high spray park and off-leash area usage. The lower athletic field is maintained as a game and practice facility for youth softball teams as well as designated practice facilities for the Town's recreational and competitive baseball and softball programs. As needed, chain-link fencing fabric has been replaced over the years, however, the fabric is to the point that it is rusting and bent out of shape. Currently, the lower field is not irrigated which creates difficulties in growing and maintaining outfield grass areas. The athletic lighting system is older and illumination levels will continue to decline over time.

IMPACT ON OPERATING BUDGET
Increase of approximately \$500/year in Maintenance Expenses.

LOCATION MAP

PROJECT COSTS	Prior Appropriations	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	TOTAL
LAND/RIGHT OF WAY							-
DESIGN/ENGINEERING							-
UTILITY RELOCATION							-
CONSTRUCTION	200,000			125,000			325,000
LANDSCAPING							-
EQUIPMENT/FURNISHINGS							-
OTHER							-
TOTAL COSTS	200,000	-	-	125,000	-	-	325,000
SOURCE OF FUNDS	Prior Appropriations	FY 2020	FY 2021	FY 2022	FY 2023	FY 2023	TOTAL
GENERAL FUND							-
WATER & SEWER FUND							-
BONDS							-
OTHER - TDOT							-
OTHER - PARK IMPROVEMENT FU	200,000			125,000			325,000
TOTAL SOURCE	200,000	-	-	125,000	-	-	325,000



PROJECT SCHEDULE	START	FINISH
LAND/RIGHT OF WAY		
DESIGN/ENGINEERING		
UTILITY RELOCATION		
CONSTRUCTION	11/21	3/22
TOTAL PROJECT	11/21	3/22

FY 2020	TOWN OF COLLIERVILLE CAPITAL INVESTMENT PROGRAM
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RESPONSIBLE DEPARTMENT Parks and Recreation	PROJECT TITLE Multi-Purpose Athletic Field - Cricket	PROJECT MANAGER Greg Clark	ACCOUNT NO.
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PROJECT DESCRIPTION
 This project includes the design and construction of one (1) multi-purpose athletic field for cricket. Components of the project includes the design of the field, sub-surface drainage and improvements, grading, irrigation, & grass turf.

BACKGROUND/HISTORY
 The Park Advisory Board has highlighted the need for a new cricket field in Collierville to assist in providing new athletic facilities for a growing community cricket sport base. Although a specific site has not been finalized, funding for the project is being requested for FY 2023.

IMPACT ON OPERATING BUDGET \$5,000/yr. in grounds maintenance expenses	LOCATION MAP
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PROJECT COSTS	Prior Appropriations	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	TOTAL	To Be Determined		
LAND/RIGHT OF WAY							-			
DESIGN/ENGINEERING					15,000		15,000			
UTILITY RELOCATION							-			
CONSTRUCTION					285,000		285,000			
LANDSCAPING							-			
EQUIPMENT/FURNISHINGS							-			
OTHER							-			
TOTAL COSTS	-	-	-	-	300,000	-	300,000			
SOURCE OF FUNDS	Prior Appropriations	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	TOTAL	PROJECT SCHEDULE	START	FINISH
GENERAL FUND							-	LAND/RIGHT OF WAY		
WATER & SEWER FUND							-	DESIGN/ENGINEERING	8/22	12/22
BONDS							-	UTILITY RELOCATION		
OTHER - TDOT							-	CONSTRUCTION	3/23	6/23
OTHER - PARK IMPROVEMENT FUND					300,000		300,000	TOTAL PROJECT	8/22	6/23
TOTAL SOURCE	-	-	-	-	300,000	-	300,000			

FY 2020 TOWN OF COLLIERVILLE CAPITAL INVESTMENT PROGRAM

RESPONSIBLE DEPARTMENT General Services	PROJECT TITLE W.C. Johnson Turf Replacement - Multi-Purpose Fields	PROJECT MANAGER Neil Wiseman	ACCOUNT NO.
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PROJECT DESCRIPTION
 This project will include the replacement of existing synthetic turf grass at Johnson Park Multipurpose Fields. Condition and safety evaluations are preformed on an annual basis indicating the condition of the synthetic turf is deteriorating due to photodegradation and usage wear with expected replacement becoming necessary in 2022. The 2019 estimated cost of disposal and replacement installation of a new synthetic grass surface on the two (2) fields is \$670,000. All sub-surface materials will remain undisturbed with an evaluation being performed to determine if any sub-surface material areas are insufficient for safe play.

BACKGROUND/HISTORY
 The synthetic fields at Johnson Park were installed in 2011 at a cost of \$1,005,833. The manufacturer's warranty extended for eight (8) years from the time of installation. That time period will elapse in 2019 with no warranty issues expected. Current evaluations of the fields indicate an expected safe and useful lifespan of eleven (11) years. These fields see heavy daily usage from all manner of athletic teams and individuals.

IMPACT ON OPERATING BUDGET
 No budget impact.

LOCATION MAP

PROJECT COSTS	Prior Appropriations	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	TOTAL
LAND/RIGHT OF WAY							-
DESIGN/ENGINEERING					8,000	-	8,000
UTILITY RELOCATION							-
CONSTRUCTION							-
LANDSCAPING							-
EQUIPMENT/FURNISHINGS							-
OTHER					392,000	-	392,000
TOTAL COSTS	-	-	-	-	400,000	-	400,000
SOURCE OF FUNDS	Prior Appropriations	FY 2020	FY 2021	FY 2022	FY 2023	FY 2023	TOTAL
GENERAL FUND							-
WATER & SEWER FUND							-
BONDS							-
OTHER - TDOT							-
OTHER - PARK IMPROVEMENT FUND		-		-	400,000	-	400,000
TOTAL SOURCE	-	-	-	-	400,000	-	400,000



PROJECT SCHEDULE	START	FINISH
LAND/RIGHT OF WAY		
DESIGN/ENGINEERING	8/23	1/24
UTILITY RELOCATION		
CONSTRUCTION	1/24	12/24
TOTAL PROJECT	8/23	12/24

FY 2020 TOWN OF COLLIERVILLE CAPITAL INVESTMENT PROGRAM

RESPONSIBLE DEPARTMENT Parks and Recreation	PROJECT TITLE W.T. Price Property - Trailhead Parking Lot	PROJECT MANAGER Greg Clark	ACCOUNT NO.
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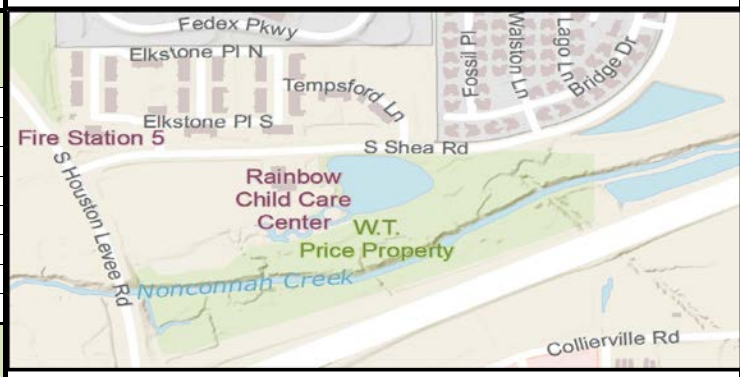
PROJECT DESCRIPTION
This project includes the design and construction of new parking area, entry features and access drives for approximately twelve (12) vehicles for the WT Price trailhead parking lot located at the intersection of Nonconnah Greenbelt Trail and Sanders Creek Greenbelt Trail.

BACKGROUND/HISTORY
The WT Price Property is a future park property located adjacent to Shea Road (South). The property is approximately 30 acres and will serve as a trailhead parking area for the Nonconnah and Sanders Creek Greenbelt Trails. Other components outlined on the Park Master Plan include a playground, picnic area, inclusive fishing pier and benches.

IMPACT ON OPERATING BUDGET
Increase of \$500/year for additional maintenance operations.

LOCATION MAP

PROJECT COSTS	Prior Appropriations	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	TOTAL
LAND/RIGHT OF WAY							-
DESIGN/ENGINEERING							-
UTILITY RELOCATION							-
CONSTRUCTION					50,000		50,000
LANDSCAPING							-
EQUIPMENT/FURNISHINGS							-
OTHER							-
TOTAL COSTS	-	-	-	-	50,000	-	50,000



SOURCE OF FUNDS	Prior Appropriations	FY 2020	FY 2021	FY 2022	FY 2023	FY 2023	TOTAL
GENERAL FUND							-
WATER & SEWER FUND							-
BONDS							-
OTHER - TDOT							-
OTHER - Park Improvement Fund					50,000	-	50,000
TOTAL SOURCE	-	-	-	-	50,000	-	50,000

PROJECT SCHEDULE	START	FINISH
LAND/RIGHT OF WAY		
DESIGN/ENGINEERING		
UTILITY RELOCATION		
CONSTRUCTION	3/23	5/23
TOTAL PROJECT	3/23	5/23

FY 2020 TOWN OF COLLIERVILLE CAPITAL INVESTMENT PROGRAM

RESPONSIBLE DEPARTMENT Parks & Recreation	PROJECT TITLE Wolf River Greenbelt Trail - Phase I	PROJECT MANAGER Greg Clark	ACCOUNT NO.
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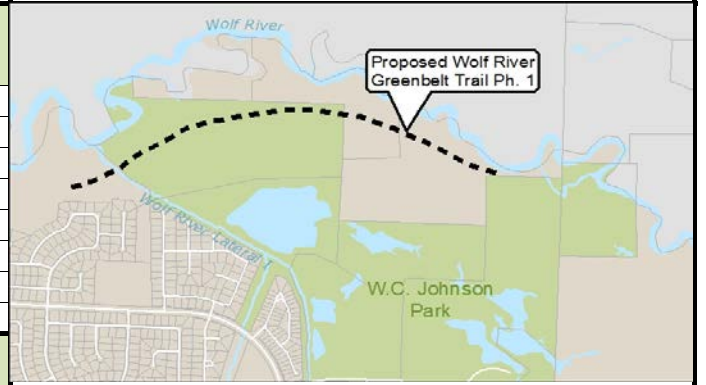
PROJECT DESCRIPTION
 This project is the design and construction of Phase I of the Wolf River Regional Greenbelt Trail. Components of the trail project include design, drainage, trail construction of approximately 4,000 linear feet of asphalt, bridge installations, interpretive signage and trail amenities such as benches and trash receptacles. The proposed trail would connect WC Johnson Wolf River Overlook Boardwalk and the Wellington Farms Subdivision. This project will be submitted as a 2024 TDEC LPRF 50/50 Grant.

BACKGROUND/HISTORY
 The Collierville Greenbelt Master Plan was adopted in 1994 and updated in 2001 and includes over 60 miles of trails and sidewalk connections. The Wolf River Greenbelt Trail will serve as a regional trail and ultimately connect with the Germantown Greenbelt System within the Wolf River/Houston Levee Corridor. The Park Advisory Board has noted the Wolf River Greenbelt Trail as a priority in providing an alternative transportation system connecting to other greenbelt systems of Shelby County such as Germantown and Memphis.

IMPACT ON OPERATING BUDGET
 \$1,000/yr. in grounds maintenance expenses

LOCATION MAP

PROJECT COSTS	Prior Appropriations	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	TOTAL
LAND/RIGHT OF WAY							-
DESIGN/ENGINEERING						50,000	50,000
UTILITY RELOCATION							-
CONSTRUCTION						425,000	425,000
LANDSCAPING							-
EQUIPMENT/FURNISHINGS						25,000	25,000
OTHER							-
TOTAL COSTS		-	-	-	-	500,000	500,000
SOURCE OF FUNDS	Prior Appropriations	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	TOTAL
GENERAL FUND							-
WATER & SEWER FUND							-
BONDS							-
OTHER - TDOT							-
OTHER - Park Improvement Fund						500,000	500,000
TOTAL SOURCE	-	-	-	-	-	500,000	500,000



PROJECT SCHEDULE	START	FINISH
LAND/RIGHT OF WAY		
DESIGN/ENGINEERING	10/24	3/25
UTILITY RELOCATION		
CONSTRUCTION	6/25	9/25
TOTAL PROJECT	10/24	9/25

FY 2020	TOWN OF COLLIERVILLE CAPITAL INVESTMENT PROGRAM
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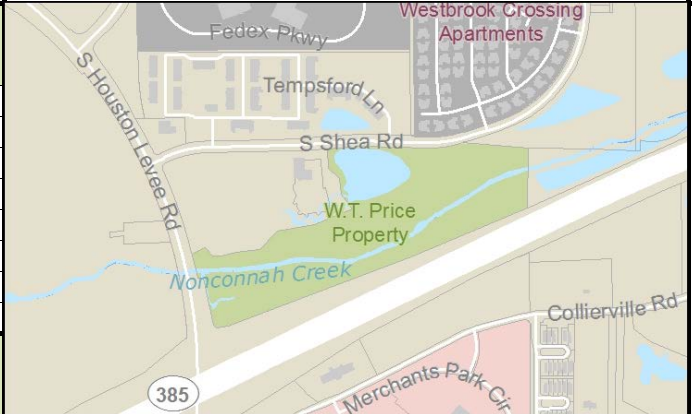
RESPONSIBLE DEPARTMENT Parks & Recreation	PROJECT TITLE WT Price Park Improvements	PROJECT MANAGER Greg Clark	ACCOUNT NO.
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PROJECT DESCRIPTION
 This project is the design and construction of Phase I development of the 30 acre WT Price Park located adjacent to Shea Road (South). Components of the project include grading & drainage, installation of modular playground, construction/installation of fishing pier, shade pavilion, grass seeding, landscaping, and park amenities such as benches, picnic tables, and trash receptacles.

BACKGROUND/HISTORY
 The WT Price Property is a future park property located adjacent to Shea Road (South). The property is approximately 30 acres and will serve as a trailhead parking area for the Nonconnah and Sanders Creek Greenbelt Trails. Other components outlined on the Park Master Plan include a playground, picnic area, inclusive fishing pier and benches.

IMPACT ON OPERATING BUDGET \$1,000/yr. in grounds maintenance expenses	LOCATION MAP
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PROJECT COSTS	Prior Appropriations	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	TOTAL
LAND/RIGHT OF WAY							-
DESIGN/ENGINEERING						20,000	20,000
UTILITY RELOCATION							-
CONSTRUCTION						220,000	220,000
LANDSCAPING							-
EQUIPMENT/FURNISHINGS						10,000	10,000
OTHER							-
TOTAL COSTS		-	-	-	-	250,000	250,000



SOURCE OF FUNDS	Prior Appropriations	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	TOTAL
GENERAL FUND							-
WATER & SEWER FUND							-
BONDS							-
OTHER - TDOT							-
OTHER - Park Improvement Fund						250,000	250,000
TOTAL SOURCE	-	-	-	-	-	250,000	250,000

PROJECT SCHEDULE	START	FINISH
LAND/RIGHT OF WAY		
DESIGN/ENGINEERING	10/23	1/24
UTILITY RELOCATION		
CONSTRUCTION	5/24	6/24
TOTAL PROJECT	10/23	6/24

FY 2020**PUBLIC SERVICES CIP SUMMARY**

	PROJECTED FY 2020	PROJECTED FY 2021	PROJECTED FY 2022	PROJECTED FY 2023	PROJECTED FY 2024	TOTAL 5 YEAR CIP
PROJECT						
Public Services						
Equipment - Brush Truck - 2020	140,000	-	146,000	149,000	-	435,000
Equipment - Rear Loading Garbage Truck	182,000	-	-	-	-	182,000
Equipment - Side Loader	100,000	-	-	-	-	100,000
Equipment - Automated Garbage Truck	-	297,000	303,000	309,000	315,000	1,224,000
Equipment - Automated Leaf Machine	-	195,000	-	-	-	195,000
Equipment - Tandem Axle Dump Truck	-	125,000	-	-	-	125,000
Re-Paving of Public Services Parking Lot	-	75,000	-	-	-	75,000
Equipment - Lowboy Trailer	-	-	50,000	-	-	50,000
Equipment - Track Excavator	-	-	210,000	-	-	210,000
Equipment - Wheel Loader	-	-	-	165,000	-	165,000
Heavy Truck Lift	-	-	-	70,000	-	70,000
Parking Lot Expansion at Public Services	-	-	-	-	50,000	50,000
Total Public Services CIP	422,000	692,000	709,000	693,000	365,000	2,881,000
Funding Sources						
General Fund	-	200,000	260,000	235,000	50,000	745,000
Sanitation Fund	422,000	492,000	449,000	458,000	315,000	2,136,000
Total Funding Sources	422,000	692,000	709,000	693,000	365,000	2,881,000

FY 2020 TOWN OF COLLIERVILLE CAPITAL INVESTMENT PROGRAM

RESPONSIBLE DEPARTMENT Public Services	PROJECT TITLE Equipment - Brush Truck	PROJECT MANAGER John Fox	ACCOUNT NO. 125-43200-944-202001
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PROJECT DESCRIPTION
Purchase a replacement brush truck in FY20, FY22 and FY23.

BACKGROUND/HISTORY
A Brush Truck is 30 cubic yard flatbed dump truck with sides and a mounted knuckle boom loader to mechanically pick up brush, debris, appliances and other large materials. Brush Trucks collect large items on daily Sanitation routes and appliances on special pickups. They are also used by other Departments (ex: Streets and Drainage/Parks and Recreation) to clean up trees and brush. In an average year the Sanitation Division brush trucks collect over 34,000 cubic yards of material. These trucks are also critical for cleaning up after emergency storm events. The FY20 truck will replace Unit #486 a 1996 model truck that will be 24 years old at replacement. The FY22 truck will replace Unit #466 a 1998 model truck that will be 24 years old at replacement. The FY23 truck will replace Unit #439 a 2001 model truck that will be 22 years old at replacement.

IMPACT ON OPERATING BUDGET
None - Replacement Equipment

LOCATION MAP

PROJECT COSTS	Prior Appropriations	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	TOTAL
LAND/RIGHT OF WAY							-
DESIGN/ENGINEERING							-
UTILITY RELOCATION							-
CONSTRUCTION							-
LANDSCAPING							-
EQUIPMENT/FURNISHINGS		140,000		146,000	149,000		435,000
OTHER							-
TOTAL COSTS	-	140,000	-	146,000	149,000	-	435,000



SOURCE OF FUNDS	Prior Appropriations	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	TOTAL
GENERAL FUND							-
WATER & SEWER FUND							-
BONDS							-
OTHER - TDOT							-
OTHER - SANITATION FUND		140,000		146,000	149,000		435,000
TOTAL SOURCE	-	140,000	-	146,000	149,000	-	435,000

PROJECT SCHEDULE	START	FINISH
LAND/RIGHT OF WAY		
DESIGN/ENGINEERING		
UTILITY RELOCATION		
CONSTRUCTION	7/19	6/23
TOTAL PROJECT	7/19	6/23

FY 2020	TOWN OF COLLIERVILLE CAPITAL INVESTMENT PROGRAM		
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RESPONSIBLE DEPARTMENT Public Services	PROJECT TITLE Equipment - Rear-Loading Garbage Truck	PROJECT MANAGER John Fox	ACCOUNT NO. 125-43200-944-1
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PROJECT DESCRIPTION
Purchase a replacement Rear-Loading Garbage Truck in FY 2020.

BACKGROUND/HISTORY
Rear-loading garbage trucks are manually loaded or loaded with flippers mounted on the rear of the truck. These trucks collect yard waste, junk, and other materials that can be sent to one of two demolition landfills located in Collierville and Byhalia, MS. On a daily basis, the Sanitation Division utilizes 4 rear-loading garbage trucks for collection. This truck will replace Unit #410, a 1998 model that will be 22 years old at replacement.

IMPACT ON OPERATING BUDGET
None - Replacement Equipment

LOCATION MAP

PROJECT COSTS	Prior Appropriations	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	TOTAL
LAND/RIGHT OF WAY							-
DESIGN/ENGINEERING							-
UTILITY RELOCATION							-
CONSTRUCTION							-
LANDSCAPING							-
EQUIPMENT/FURNISHINGS		182,000					182,000
OTHER							-
TOTAL COSTS	-	182,000	-	-	-	-	182,000
SOURCE OF FUNDS	Prior Appropriations	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	TOTAL
GENERAL FUND							-
WATER & SEWER FUND							-
BONDS							-
OTHER - TDOT							-
OTHER - SANITATION FUND		182,000					182,000
TOTAL SOURCE	-	182,000	-	-	-	-	182,000



PROJECT SCHEDULE	START	FINISH
LAND/RIGHT OF WAY		
DESIGN/ENGINEERING		
UTILITY RELOCATION		
CONSTRUCTION	7/19	6/20
TOTAL PROJECT	7/19	6/20

FY 2020	TOWN OF COLLIERVILLE CAPITAL INVESTMENT PROGRAM
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RESPONSIBLE DEPARTMENT Public Services	PROJECT TITLE Equipment - Side Loader	PROJECT MANAGER John Fox	ACCOUNT NO. 125-43200-944-202003
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PROJECT DESCRIPTION
Purchase a replacement side loading garbage truck.


BACKGROUND/HISTORY
The side loading garbage truck is a 10 cubic yard truck that is smaller than a standard sized garbage truck. This truck is utilized for the collection of residential garbage and recyclable material from alley ways and other areas a larger truck would not have access to. This truck is also utilized to collect commercial garbage customers due to its ability to service businesses on the Town Square efficiently. The purchase of this truck will increase the division's collection efficiency and allow the Sanitation Division to continue providing a quality collection service to the Towns customers. This truck will replace Unit #437 a (2011/9yrs) model truck that will go into back up status and will be used when the new truck is down for repairs.

IMPACT ON OPERATING BUDGET None - Replacement Equipment	LOCATION MAP
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PROJECT COSTS	Prior Appropriations	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	TOTAL
LAND/RIGHT OF WAY							-
DESIGN/ENGINEERING							-
UTILITY RELOCATION							-
CONSTRUCTION							-
LANDSCAPING							-
EQUIPMENT/FURNISHINGS		100,000					100,000
OTHER							-
TOTAL COSTS	-	100,000	-	-	-	-	100,000
SOURCE OF FUNDS	Prior Appropriations	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	TOTAL
GENERAL FUND							-
WATER & SEWER FUND							-
BONDS							-
OTHER - TDOT							-
OTHER - SANITATION FUND		100,000					100,000
TOTAL SOURCE	-	100,000	-	-	-	-	100,000



PROJECT SCHEDULE	START	FINISH
LAND/RIGHT OF WAY		
DESIGN/ENGINEERING		
UTILITY RELOCATION		
CONSTRUCTION	7/19	6/20
TOTAL PROJECT	7/19	6/20

FY 2020								TOWN OF COLLIERVILLE CAPITAL INVESTMENT PROGRAM		
RESPONSIBLE DEPARTMENT		PROJECT TITLE				PROJECT MANAGER		ACCOUNT NO.		
Public Services		Equipment - Automated Garbage Truck				John Fox				
PROJECT DESCRIPTION										
Purchase a replacement Automated Garbage Truck in FY21, FY22, FY23 and FY24										
BACKGROUND/HISTORY										
Automated Garbage Trucks are utilized for the collection of residential garbage from the 95 gallon green garbage carts and recyclable material from 95 gallon recycle carts. The purchase of these trucks will increase the division's collection efficiency and allow the Sanitation Division to continue providing a quality collection service to the Town's customers. Based on Town growth the number of customers serviced is expected to increase from 15,400 customers in FY19 to 16,400 customers in FY24. These replacements will allow the Sanitation Division to replace its automated garbage collection truck on a 10 year replacement cycle. Following replacement the replaced trucks will become back-up trucks for an additional 10 years at which time trucks will have completed 20 years of service and will be surplus. The trucks scheduled for replacement are as follows: FY21 - Unit#414 (1995/26yrs), FY22 - Unit#422 (2000/22yrs), FY23 - Unit#448 (2002/21yrs), FY24 - Unit#412 (2006,18yrs).										
IMPACT ON OPERATING BUDGET							LOCATION MAP			
None - Replacement Equipment										
PROJECT COSTS	Prior Appropriations	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024				TOTAL
LAND/RIGHT OF WAY										-
DESIGN/ENGINEERING										-
UTILITY RELOCATION										-
CONSTRUCTION										-
LANDSCAPING										-
EQUIPMENT/FURNISHINGS			297,000	303,000	309,000	315,000				1,224,000
OTHER										-
TOTAL COSTS	-	-	297,000	303,000	309,000	315,000				1,224,000
SOURCE OF FUNDS	Prior Appropriations	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	TOTAL			
GENERAL FUND							-			
WATER & SEWER FUND							-			
BONDS							-			
OTHER - TDOT							-			
OTHER - Sanitation Fund			297,000	303,000	309,000	315,000	1,224,000			
TOTAL SOURCE	-	-	297,000	303,000	309,000	315,000	1,224,000			
							PROJECT SCHEDULE	START	FINISH	
							LAND/RIGHT OF WAY			
							DESIGN/ENGINEERING			
							UTILITY RELOCATION			
							CONSTRUCTION	7/20	6/24	
							TOTAL PROJECT	7/20	6/24	

FY 2020 TOWN OF COLLIERVILLE CAPITAL INVESTMENT PROGRAM

RESPONSIBLE DEPARTMENT Public Services	PROJECT TITLE Equipment - Automated Leaf Machine	PROJECT MANAGER John Fox	ACCOUNT NO.
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PROJECT DESCRIPTION
Purchase a replacement automated leaf machine in FY21.

BACKGROUND/HISTORY
This purchase will be for an automated leaf machine. This leaf machine will replace Unit #471 a 1999 model trailered unit that will be 22 years old at it's time of replacement. Based on the three (3) automated leaf machines in the fleet, this new machine is expected to operate three (3) times faster than a conventional trailered unit utilizing only one operator compared to one operator and two laborers with a trailered unit. During high leaf volume periods automated leaf machines typically collect between 6 to 7 loads a day compared to only 3 loads with a trailered unit. Based on previous studies, staff has found that the Sanitation Division saves approximately \$30,000 in personnel cost annually for each trailered leaf machine replaced by an automated machine.

IMPACT ON OPERATING BUDGET
None - Replacement Equipment



PROJECT COSTS	Prior Appropriations	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	TOTAL
LAND/RIGHT OF WAY							-
DESIGN/ENGINEERING							-
UTILITY RELOCATION							-
CONSTRUCTION							-
LANDSCAPING							-
EQUIPMENT/FURNISHINGS			195,000				195,000
OTHER							-
TOTAL COSTS	-	-	195,000	-	-	-	195,000
SOURCE OF FUNDS	Prior Appropriations	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	TOTAL
GENERAL FUND							-
WATER & SEWER FUND							-
BONDS							-
OTHER - TDOT							-
OTHER - SANITATION FUND			195,000				195,000
TOTAL SOURCE	-	-	195,000	-	-	-	195,000

PROJECT SCHEDULE	START	FINISH
LAND/RIGHT OF WAY		
DESIGN/ENGINEERING		
UTILITY RELOCATION		
CONSTRUCTION	7/20	6/21
TOTAL PROJECT	7/20	6/21

FY 2020 TOWN OF COLLIERVILLE CAPITAL INVESTMENT PROGRAM

RESPONSIBLE DEPARTMENT Public Services	PROJECT TITLE Equipment - Tandem Axle Dump Truck	PROJECT MANAGER John Fox	ACCOUNT NO.
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PROJECT DESCRIPTION
Purchase a replacement Tandem Axle Dump Truck in FY 2021.

BACKGROUND/HISTORY
The tandem dump truck has a 16 cubic yard dump body and is used to haul large volumes of road construction material for road construction and repair projects. Tandem axle dump trucks are used daily and are mainly used on large scale repair projects where the ability to haul larger volumes improves maintenance efficiency by reducing the number of trips required for hauling to and from the work site. This truck will replace Unit #285, a 1995 Ford F800 tandem axle dump truck that will be 26 years old at the time of replacement.

IMPACT ON OPERATING BUDGET
None - replacement equipment.

LOCATION MAP

PROJECT COSTS	Prior Appropriations	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	TOTAL
LAND/RIGHT OF WAY							-
DESIGN/ENGINEERING							-
UTILITY RELOCATION							-
CONSTRUCTION							-
LANDSCAPING							-
EQUIPMENT/FURNISHINGS			125,000				125,000
OTHER							-
TOTAL COSTS	-	-	125,000	-	-	-	125,000
SOURCE OF FUNDS	Prior Appropriations	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	TOTAL
GENERAL FUND			125,000				125,000
WATER & SEWER FUND							-
BONDS							-
OTHER - TDOT							-
OTHER -							-
TOTAL SOURCE	-	-	125,000	-	-	-	125,000



PROJECT SCHEDULE	START	FINISH
LAND/RIGHT OF WAY		
DESIGN/ENGINEERING		
UTILITY RELOCATION		
CONSTRUCTION	7/20	6/21
TOTAL PROJECT	7/20	6/21

FY 2020 TOWN OF COLLIERVILLE CAPITAL INVESTMENT PROGRAM

RESPONSIBLE DEPARTMENT Public Services	PROJECT TITLE Re-Paving of Public Services Parking Lot	PROJECT MANAGER John Fox	ACCOUNT NO.
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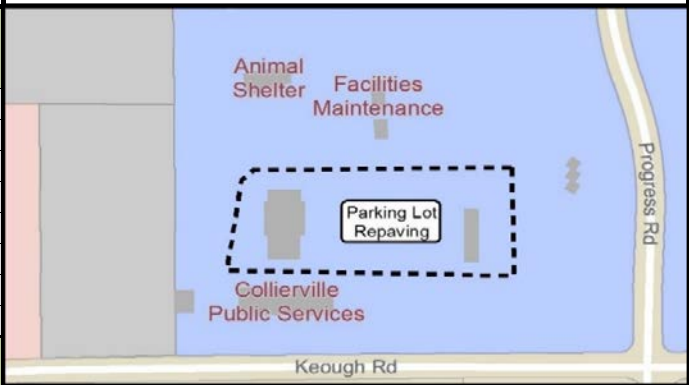
PROJECT DESCRIPTION
Re-paving of the rear parking lot at the Public Service Facility and Fleet Maintenance Facility

BACKGROUND/HISTORY
The parking lot behind Public Services has not been repaved since the construction of the facility in 2002. Most typical pavement with normal traffic only lasts between 15-20 years. Our current parking lot will be eighteen years old when it is repaved. In addition, our back lot has much heavier traffic than most streets throughout the Town due to the weight and constant travel of vehicles that range in weight from pick-up trucks to heavy garbage trucks and heavy duty trailers hauling large scale excavators. Each year the Public Service Department has made an increasing number of repairs to the back parking area however due to the large number of issues, repairs are no longer an effective way to lengthen the lifespan of the pavement.

IMPACT ON OPERATING BUDGET
None

LOCATION MAP

PROJECT COSTS	Prior Appropriations	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	TOTAL
LAND/RIGHT OF WAY							-
DESIGN/ENGINEERING							-
UTILITY RELOCATION							-
CONSTRUCTION			75,000				75,000
LANDSCAPING							-
EQUIPMENT/FURNISHINGS							-
OTHER							-
TOTAL COSTS	-	-	75,000	-	-	-	75,000



SOURCE OF FUNDS	Prior Appropriations	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	TOTAL
GENERAL FUND			75,000				75,000
WATER & SEWER FUND							-
BONDS							-
OTHER - TDOT							-
OTHER -							-
TOTAL SOURCE	-	-	75,000	-	-	-	75,000

PROJECT SCHEDULE	START	FINISH
LAND/RIGHT OF WAY		
DESIGN/ENGINEERING		
UTILITY RELOCATION		
CONSTRUCTION	7/20	6/21
TOTAL PROJECT	7/20	6/21

FY 2020 TOWN OF COLLIERVILLE CAPITAL INVESTMENT PROGRAM

RESPONSIBLE DEPARTMENT Public Services	PROJECT TITLE Equipment - Lowboy Trailer	PROJECT MANAGER John Fox	ACCOUNT NO.
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PROJECT DESCRIPTION
Purchase a new low boy trailer.

BACKGROUND/HISTORY
This lowboy trailer will be required for transporting the replacement track excavator budgeted in FY22. This trailer will transport the replacement track excavator from the Public Service Department facility to various job sites on a weekly basis.

IMPACT ON OPERATING BUDGET
None - replacement equipment.



PROJECT COSTS	Prior Appropriations	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	TOTAL
LAND/RIGHT OF WAY							-
DESIGN/ENGINEERING							-
UTILITY RELOCATION							-
CONSTRUCTION							-
LANDSCAPING							-
EQUIPMENT/FURNISHINGS				50,000			50,000
OTHER							-
TOTAL COSTS	-	-	-	50,000	-	-	50,000

SOURCE OF FUNDS	Prior Appropriations	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	TOTAL
GENERAL FUND				50,000			50,000
WATER & SEWER FUND							-
BONDS							-
OTHER - TDOT							-
OTHER -							-
TOTAL SOURCE	-	-	-	50,000	-	-	50,000

PROJECT SCHEDULE	START	FINISH
LAND/RIGHT OF WAY		
DESIGN/ENGINEERING		
UTILITY RELOCATION		
CONSTRUCTION	7/21	6/22
TOTAL PROJECT	7/21	6/22

FY 2020 TOWN OF COLLIERVILLE CAPITAL INVESTMENT PROGRAM

RESPONSIBLE DEPARTMENT Public Services	PROJECT TITLE Equipment - Track Excavator	PROJECT MANAGER John Fox	ACCOUNT NO.
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PROJECT DESCRIPTION
Purchase a replacement Track Excavator.

BACKGROUND/HISTORY
A Track Excavator is a heavy construction piece of equipment consisting of a boom, dipper (or stick), bucket and cab on a rotating platform known as the "house". The house sits atop an undercarriage with tracks. All movement and functions of a hydraulic excavator are accomplished through the use of hydraulic fluid, with hydraulic cylinders and hydraulic motors. Track Excavators are mainly utilized for large construction projects, large scale drainage or road repairs, or any project requiring a longer reach than a backhoe with the ability to move higher volumes of materials. There is currently only one track excavator in the Streets and Drainage Fleet. The existing Track Excavator will be over 17 years old at its time of replacement. Following the purchase of the new track excavator the existing excavator will become a back up excavator that will be used when the new excavator is down for maintenance or unscheduled repairs. This new excavator will also give the Public Service Department a second excavator that could be used on a limited basis in the event that a large excavator is needed for two projects at the same time.

IMPACT ON OPERATING BUDGET
None - replacement equipment.



PROJECT COSTS	Prior Appropriations	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	TOTAL
LAND/RIGHT OF WAY							-
DESIGN/ENGINEERING							-
UTILITY RELOCATION							-
CONSTRUCTION							-
LANDSCAPING							-
EQUIPMENT/FURNISHINGS				210,000			210,000
OTHER							-
TOTAL COSTS	-	-	-	210,000	-	-	210,000

SOURCE OF FUNDS	Prior Appropriations	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	TOTAL
GENERAL FUND				210,000			210,000
WATER & SEWER FUND							-
BONDS							-
OTHER - TDOT							-
OTHER -							-
TOTAL SOURCE	-	-	-	210,000	-	-	210,000

PROJECT SCHEDULE	START	FINISH
LAND/RIGHT OF WAY		
DESIGN/ENGINEERING		
UTILITY RELOCATION		
CONSTRUCTION	7/21	6/22
TOTAL PROJECT	7/21	6/22

FY 2020 TOWN OF COLLIERVILLE CAPITAL INVESTMENT PROGRAM

RESPONSIBLE DEPARTMENT Public Services	PROJECT TITLE Equipment - Wheel Loader	PROJECT MANAGER John Fox	ACCOUNT NO.
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PROJECT DESCRIPTION
Purchase a replacement Wheel Loader.

BACKGROUND/HISTORY
A Wheel loader is a type of tractor that has a front-mounted square wide bucket connected to the end of two booms (arms) to scoop up loose material from the ground, such as dirt, sand or gravel, and move it from one place to another without pushing the material across the ground. A loader is commonly used to move a stockpiled material from ground level and deposit it into an awaiting dump truck or into an open trench excavation. The Streets and Drainage loader is used on a daily basis. Many of the tasks Wheel Loaders are used for includes loading sand at the sand pit for road repairs, moving brush at the mulch site, moving dirt and debris during drainage repairs, and moving large volumes of material during largo scale street repairs. There is currently only one wheel loader in the Streets and Drainage Fleet that will be 17 years old at the time of replacement. Following the purchase of the new wheel loader the existing wheel loader will be utilized as a back up piece of equipment for when the new wheel loader is down for maintenance or unscheduled repairs.

IMPACT ON OPERATING BUDGET
None - replacement equipment.



PROJECT COSTS	Prior Appropriations	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	TOTAL
LAND/RIGHT OF WAY							-
DESIGN/ENGINEERING							-
UTILITY RELOCATION							-
CONSTRUCTION							-
LANDSCAPING							-
EQUIPMENT/FURNISHINGS					165,000		165,000
OTHER							-
TOTAL COSTS	-	-	-	-	165,000	-	165,000

SOURCE OF FUNDS	Prior Appropriations	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	TOTAL
GENERAL FUND					165,000		165,000
WATER & SEWER FUND							-
BONDS							-
OTHER - TDOT							-
OTHER -							-
TOTAL SOURCE	-	-	-	-	165,000	-	165,000

PROJECT SCHEDULE	START	FINISH
LAND/RIGHT OF WAY		
DESIGN/ENGINEERING		
UTILITY RELOCATION		
CONSTRUCTION	7/22	6/23
TOTAL PROJECT	7/22	6/23

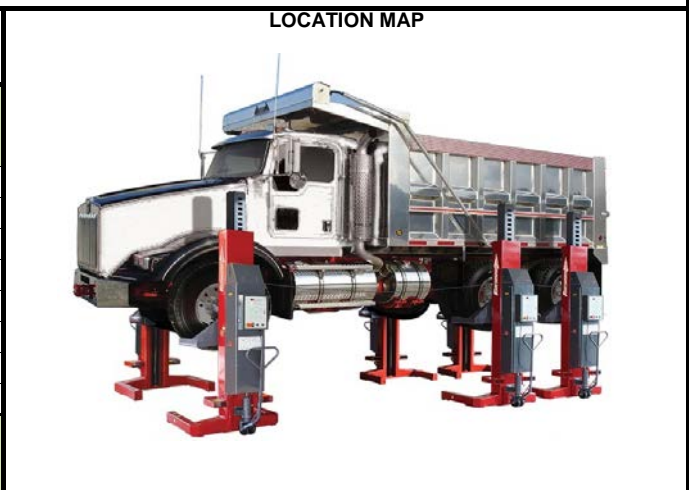
FY 2020	TOWN OF COLLIERVILLE CAPITAL INVESTMENT PROGRAM
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RESPONSIBLE DEPARTMENT Public Services	PROJECT TITLE Equipment - Heavy Truck Lift	PROJECT MANAGER John Fox	ACCOUNT NO.
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PROJECT DESCRIPTION
This is for the purchase of a Heavy Truck Lift system that consists of 6 hydraulically operated lifts used in tandem to lift heavy trucks during routine and unscheduled maintenance activities.

BACKGROUND/HISTORY
Each year, the Fleet Maintenance Division performs both scheduled maintenance and unscheduled maintenance repairs on over 35 heavy vehicles and equipment. These vehicles and equipment include the double decker London bus, various models of fire trucks, and various models of solid waste collection vehicles. On an annual basis, the Fleet Maintenance shop performs over 82 scheduled services on these heavy trucks. Currently, mechanics utilize bottle jacks and jack stands to lift these heavy trucks in order to perform scheduled services and repairs. With the current method of using bottle jacks and jack stands, mechanics can only lift the vehicles one to two feet from the floor giving the mechanics limited mobility and limited leverage while working on these trucks. There are currently no hydraulic lifts in the Fleet Maintenance shop capable of lifting a heavy truck. With the addition of this heavy truck lift system, mechanics will have the ability to lift heavy trucks over five feet in height giving the mechanics easier access to the underside of the trucks in a much safer manner. Based on various industry performed studies, the use of a heavy truck lift can reduce maintenance time on big trucks by up to thirty percent.

IMPACT ON OPERATING BUDGET
None.



PROJECT COSTS	Prior Appropriations	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	TOTAL
LAND/RIGHT OF WAY							-
DESIGN/ENGINEERING							-
UTILITY RELOCATION							-
CONSTRUCTION							-
LANDSCAPING							-
EQUIPMENT/FURNISHINGS					70,000		70,000
OTHER							-
TOTAL COSTS	-	-	-	-	70,000	-	70,000
SOURCE OF FUNDS	Prior Appropriations	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	TOTAL
GENERAL FUND					70,000		70,000
WATER & SEWER FUND							-
BONDS							-
OTHER - TDOT							-
OTHER -							-
TOTAL SOURCE	-	-	-	-	70,000	-	70,000

PROJECT SCHEDULE	START	FINISH
LAND/RIGHT OF WAY		
DESIGN/ENGINEERING		
UTILITY RELOCATION		
CONSTRUCTION	7/22	6/23
TOTAL PROJECT	7/22	6/23

FY 2020	TOWN OF COLLIERVILLE CAPITAL INVESTMENT PROGRAM
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RESPONSIBLE DEPARTMENT Public Services	PROJECT TITLE Parking Lot Expansion at Public Services	PROJECT MANAGER John Fox	ACCOUNT NO.
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PROJECT DESCRIPTION
Expand the employees parking lot at Public Services Complex to the size shown in the master plan to accommodate additional parking for future employees in FY 2023.

BACKGROUND/HISTORY
The parking lot size at the Public Services Complex was reduced as shown in the Public Services Complex Master Plan prior to the original bid to save money. The original parking design will accommodate additional employees by adding approximately 30 more parking spaces. In the current Public Services parking lot, there are 59 parking spaces in the crew parking area and 77 employees that utilize that area. Due to the lack of parking spaces in the crew parking area, employees often carpool, park in the administration parking area that is shared with Police Dispatch, and when necessary in parking spaces typically reserved for Public Service customers. This expansion will increase the number of available parking area to 89 spaces that will allow for the current number of employees and several open spaces that will afford for additional growth and visitors to the Public Service Complex.

IMPACT ON OPERATING BUDGET
None.

LOCATION MAP

PROJECT COSTS	Prior Appropriations	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	TOTAL
LAND/RIGHT OF WAY							-
DESIGN/ENGINEERING							-
UTILITY RELOCATION							-
CONSTRUCTION						50,000	50,000
LANDSCAPING							-
EQUIPMENT/FURNISHINGS							-
OTHER							-
TOTAL COSTS	-	-	-	-	-	50,000	50,000



SOURCE OF FUNDS	Prior Appropriations	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	TOTAL
GENERAL FUND						50,000	50,000
WATER & SEWER FUND							-
BONDS							-
OTHER - TDOT							-
OTHER -							-
TOTAL SOURCE	-	-	-	-	-	50,000	50,000

PROJECT SCHEDULE	START	FINISH
LAND/RIGHT OF WAY		
DESIGN/ENGINEERING		
UTILITY RELOCATION		
CONSTRUCTION	7/23	6/24
TOTAL PROJECT	7/23	6/24



FY 2020**PUBLIC UTILITIES CIP SUMMARY**

PROJECT	PROJECTED FY 2020	PROJECTED FY 2021	PROJECTED FY 2022	PROJECTED FY 2023	PROJECTED FY 2024	TOTAL 5 YEAR CIP
Public Utilities						
Gallina Sewer	450,000	-	-	-	-	450,000
Halley Road Sewer	190,000	-	-	-	-	190,000
Shelton Rd. WWTP Solids Expansion	2,300,000	-	-	-	-	2,300,000
SW Annex Sewer	950,000	250,000	-	2,100,000	-	3,300,000
CIPP Sewer Replacement	-	300,000	-	-	-	300,000
North Rowlett Water Line	-	600,000	-	-	-	600,000
Shelby Dr. Sewer (High School to Hwy 72)	-	-	2,000,000	-	-	2,000,000
Water Distribution System Improvements	-	-	600,000	600,000	600,000	1,800,000
Equipment - Backhoe	-	-	-	-	115,000	115,000
Sewer System Improvements	-	-	-	-	750,000	750,000
Total Public Utilities CIP	3,890,000	1,150,000	2,600,000	2,700,000	1,465,000	11,805,000
Funding Sources						
W&S Reserves	3,790,000	1,150,000	2,600,000	2,700,000	1,465,000	11,705,000
CDBG	100,000	-	-	-	-	100,000
	3,890,000	1,150,000	2,600,000	2,700,000	1,465,000	11,805,000
	-	-	-	-	-	-

FY 2020								TOWN OF COLLIERVILLE CAPITAL INVESTMENT PROGRAM		
RESPONSIBLE DEPARTMENT		PROJECT TITLE				PROJECT MANAGER		ACCOUNT NO.		
Public Utilities		Gallina Sewer				Richard Mills		413-16513-202001		
PROJECT DESCRIPTION										
Install a new 10" sewer from Gallina Centro across Winchester and south to the existing 10" sewer that goes to a pumping station near Houston Levee.										
BACKGROUND/HISTORY										
The sewer from this development flows west to the Memphis sewer system and wastewater treatment plant. Since it flows to the City of Memphis, they control the service costs and if future development will be allowed.										
IMPACT ON OPERATING BUDGET								LOCATION MAP		
None										
PROJECT COSTS	Prior Appropriations	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	TOTAL			
LAND/RIGHT OF WAY		15,000					15,000			
DESIGN/ENGINEERING		50,000					50,000			
UTILITY RELOCATION							-			
CONSTRUCTION		385,000					385,000			
LANDSCAPING							-			
EQUIPMENT/FURNISHINGS							-			
OTHER							-			
TOTAL COSTS	-	450,000	-	-	-	-	450,000			
SOURCE OF FUNDS	Prior Appropriations	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	TOTAL	PROJECT SCHEDULE	START	FINISH
GENERAL FUND							-	LAND/RIGHT OF WAY	11/19	2/20
WATER & SEWER FUND		450,000					450,000	DESIGN/ENGINEERING	10/19	10/20
BONDS							-	UTILITY RELOCATION		
OTHER - TDOT							-	CONSTRUCTION	6/20	10/20
OTHER -							-	TOTAL PROJECT	10/19	10/20
TOTAL SOURCE	-	450,000	-	-	-	-	450,000			

FY 2020 TOWN OF COLLIERVILLE CAPITAL INVESTMENT PROGRAM

RESPONSIBLE DEPARTMENT Development - Engineering	PROJECT TITLE Halley Road Sewer	PROJECT MANAGER Dale Perryman	ACCOUNT NO. 413-16513-202002
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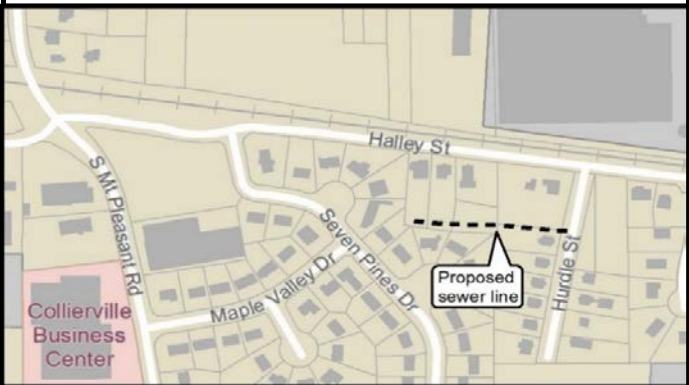
PROJECT DESCRIPTION
 This project includes the installation of sewer for three residents that live on Halley Street. Currently all three residents are served with a private 6" sewer service along the back of their property. During certain times of the year the single sewer service line will clog up causing sewage to back up into the houses. This project was submitted to Shelby County for CDBG funding and it is anticipated that \$100,000 will be available for construction. Staff has been working with homeowners for the routing of the sewer.

BACKGROUND/HISTORY
 At some point in the past one 6" service line was extended to serve three residential lots. Over time as the line aged, maintenance issues increased and Public Services is being called out more often to clean the service lines because of multiple houses being connected to the one service. The Town's policy is typically to provide one sewer service to each resident so the service remains private and is maintained by the homeowners.

IMPACT ON OPERATING BUDGET
 Routine maintenance and clean-out of system.

LOCATION MAP

PROJECT COSTS	Prior Appropriations	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	TOTAL
LAND/RIGHT OF WAY							-
DESIGN/ENGINEERING		10,000					10,000
UTILITY RELOCATION							-
CONSTRUCTION		180,000					180,000
LANDSCAPING							-
EQUIPMENT/FURNISHINGS							-
OTHER							-
TOTAL COSTS	-	190,000	-	-	-	-	190,000
SOURCE OF FUNDS	Prior Appropriations	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	TOTAL
GENERAL FUND							-
WATER & SEWER FUND		90,000					90,000
BONDS							-
OTHER - TDOT							-
OTHER - CDBG		100,000					100,000
TOTAL SOURCE	-	190,000	-	-	-	-	190,000



PROJECT SCHEDULE	START	FINISH
LAND/RIGHT OF WAY	6/19	8/19
DESIGN/ENGINEERING	3/19	6/19
UTILITY RELOCATION	9/19	12/19
CONSTRUCTION	9/19	12/19
TOTAL PROJECT	9/19	12/19

FY 2020								TOWN OF COLLIERVILLE CAPITAL INVESTMENT PROGRAM							
RESPONSIBLE DEPARTMENT				PROJECT TITLE				PROJECT MANAGER				ACCOUNT NO.			
Public Utilities				Shelton Road WWTP Solids Expansion				Clay Holabird				413-16513-201801			
PROJECT DESCRIPTION															
The first phase of this project was in fiscal year 2017-2018 to determine the most cost effective method to increase capacity and update the thickening, dewatering, and disposal of the solids from the Shelton Road Wastewater Treatment Plant. Detail design work was started in fiscal year 2018-2019. Construction of the most efficient solids handling system based on the methods evaluated will start in FY 2020.															
BACKGROUND/HISTORY															
The Shelton Road Wastewater Treatment Plant (WWTP) was constructed in 1979 and then expanded in 1987. The one existing solids thickener and one existing belt press for dewatering were installed in the 1987 expansion. The ability to process and dispose of the solids is a limiting factor for the WWTP when at full capacity and could have impacts on development in some areas of Town. Currently, the plant processes 45 tons of solids per week that are hauled to a landfill for disposal. Should the existing equipment fail, the plant could pollute the Wolf River and violate the Town's State NPDES permit.															
IMPACT ON OPERATING BUDGET								LOCATION MAP							
None															
PROJECT COSTS	Prior Appropriations	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	TOTAL								
LAND/RIGHT OF WAY							-								
DESIGN/ENGINEERING	355,000						355,000								
UTILITY RELOCATION							-								
CONSTRUCTION		2,300,000					2,300,000								
LANDSCAPING							-								
EQUIPMENT/FURNISHINGS							-								
OTHER							-								
TOTAL COSTS	355,000	2,300,000	-	-	-	-	2,655,000								
SOURCE OF FUNDS	Prior Appropriations	FY 2020	FY 2021	FY 2022	FY 2023	FY 2023	TOTAL								
GENERAL FUND							-								
WATER & SEWER FUND	355,000	2,300,000					2,655,000								
BONDS							-								
OTHER - TDOT							-								
OTHER -							-								
TOTAL SOURCE	355,000	2,300,000	-	-	-	-	2,655,000								
								PROJECT SCHEDULE	START	FINISH					
								LAND/RIGHT OF WAY							
								DESIGN/ENGINEERING	11/18	10/20					
								UTILITY RELOCATION							
								CONSTRUCTION	10/19	10/20					
								TOTAL PROJECT	11/18	10/20					

FY 2019								TOWN OF COLLIERVILLE CAPITAL INVESTMENT PROGRAM		
RESPONSIBLE DEPARTMENT		PROJECT TITLE				PROJECT MANAGER		ACCOUNT NO.		
Public Utilities		Southwest Annex Sewer				Clay Holabird		413-16513-202003		
PROJECT DESCRIPTION										
Install a new sewer system, including pumping stations and pipelines, from the Forest Hill Irene and Shelby Dr. back to the sewer pumping station west of Houston Levee. The first phase will be installing a 36' gravity sewer from the existing sewer pumping station west of Houston Levee and south of 385 to Shelby Drive. The second phase will include building several new pumping stations, force mains and gravity sewers west of Phase 1.										
BACKGROUND/HISTORY										
This area was annexed into Collierville. The sewer flows to the Memphis sewer system and wastewater treatment plant. Since it flows to Memphis, they control the service cost and if future development will be allowed.										
IMPACT ON OPERATING BUDGET								LOCATION MAP		
None										
PROJECT COSTS	Prior Appropriations	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	TOTAL			
LAND/RIGHT OF WAY		100,000			100,000		200,000			
DESIGN/ENGINEERING		50,000	250,000				300,000			
UTILITY RELOCATION							-			
CONSTRUCTION		800,000			2,000,000		2,800,000			
LANDSCAPING							-			
EQUIPMENT/FURNISHINGS							-			
OTHER							-			
TOTAL COSTS	-	950,000	250,000	-	2,100,000	-	3,300,000			
SOURCE OF FUNDS	Prior Appropriations	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	TOTAL	PROJECT SCHEDULE	START	FINISH
GENERAL FUND							-	LAND/RIGHT OF WAY	10/19	2/20
WATER & SEWER FUND		950,000	250,000		2,100,000		3,300,000	DESIGN/ENGINEERING	11/19	11/20
BONDS							-	UTILITY RELOCATION		
OTHER - TDOT							-	CONSTRUCTION PH 1	3/20	11/20
OTHER -							-	TOTAL PROJECT	10/19	11/20
TOTAL SOURCE	-	950,000	250,000	-	2,100,000	-	3,300,000			

FY 2020								TOWN OF COLLIERVILLE CAPITAL INVESTMENT PROGRAM		
RESPONSIBLE DEPARTMENT		PROJECT TITLE				PROJECT MANAGER	ACCOUNT NO.			
Public Utilities		CIPP Sewer Replacement				Clay Holabird				
PROJECT DESCRIPTION										
Sewer System Improvement projects (C.I.P.P.) focuses on the rehabilitation of existing sewer pipes with out having to dig up and replace the pipe. These projects aid in the reduction of ground water infiltration and sewer overflows.										
BACKGROUND/HISTORY										
Maintenance of the collection system and preventing overflow was part of the Town's agreement with TDEC.										
IMPACT ON OPERATING BUDGET								LOCATION MAP		
None								Varied Locations		
PROJECT COSTS	Prior Appropriations	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	TOTAL			
LAND/RIGHT OF WAY							-			
DESIGN/ENGINEERING							-			
UTILITY RELOCATION							-			
CONSTRUCTION			300,000				300,000			
LANDSCAPING							-			
EQUIPMENT/FURNISHINGS							-			
OTHER							-			
TOTAL COSTS	-	-	300,000	-	-	-	300,000			
SOURCE OF FUNDS	Prior Appropriations	FY 2020	FY 2021	FY 2022	FY 2023	FY 2023	TOTAL			
GENERAL FUND							-			
WATER & SEWER FUND			300,000				300,000			
BONDS							-			
OTHER - TDOT							-			
OTHER -							-			
TOTAL SOURCE	-	-	300,000	-	-	-	300,000			
								PROJECT SCHEDULE	START	FINISH
								LAND/RIGHT OF WAY		
								DESIGN/ENGINEERING	10/20	10/21
								UTILITY RELOCATION		
								CONSTRUCTION		
								TOTAL PROJECT	10/20	10/21

FY 2019								TOWN OF COLLIERVILLE CAPITAL INVESTMENT PROGRAM		
RESPONSIBLE DEPARTMENT		PROJECT TITLE				PROJECT MANAGER		ACCOUNT NO.		
Public Utilities		North Rowlett Water Line				Clay Holabird				
PROJECT DESCRIPTION										
Install new 8" ductile iron (DI) water lines on North Rowlett from Walnut St. to Abbington and on Abbington from North Rowlett to Poplar Avenue. This will replace old undersized 6" asbestos cement lines which are brittle and can break due to age.										
BACKGROUND/HISTORY										
Maintenance of water lines are needed to insure reliability, reduce water loss, and provide safe drinking water. Work on replacing water lines is an ongoing, yearly project.										
IMPACT ON OPERATING BUDGET								LOCATION MAP		
None										
PROJECT COSTS	Prior Appropriations	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	TOTAL			
LAND/RIGHT OF WAY							-			
DESIGN/ENGINEERING			50,000				50,000			
UTILITY RELOCATION							-			
CONSTRUCTION			550,000				550,000			
LANDSCAPING							-			
EQUIPMENT/FURNISHINGS							-			
OTHER							-			
TOTAL COSTS	-	-	600,000	-	-	-	600,000			
SOURCE OF FUNDS	Prior Appropriations	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	TOTAL			
GENERAL FUND							-			
WATER & SEWER FUND			600,000				600,000			
BONDS							-			
OTHER - TDOT							-			
OTHER -							-			
TOTAL SOURCE	-	-	600,000	-	-	-	600,000			
								PROJECT SCHEDULE	START	FINISH
								LAND/RIGHT OF WAY		
								DESIGN/ENGINEERING	10/20	8/21
								UTILITY RELOCATION		
								CONSTRUCTION	5/21	8/21
								TOTAL PROJECT	10/20	8/21

FY 2020 TOWN OF COLLIERVILLE CAPITAL INVESTMENT PROGRAM

RESPONSIBLE DEPARTMENT Public Utilities	PROJECT TITLE Shelby Drive Sewer (High School to Hwy 72)	PROJECT MANAGER Clay Holabird	ACCOUNT NO.
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PROJECT DESCRIPTION
Install approximately 3000' of 24" gravity sewer along the south side of Shelby Drive. This section of sewer is part of the Shelby Drive road improvement project.

BACKGROUND/HISTORY
At this time, gravity sewer is not located in this area. Installing sewer during the Shelby Drive road project will be cheaper than installing it after the road gets built.

IMPACT ON OPERATING BUDGET
None

LOCATION MAP

PROJECT COSTS	Prior Appropriations	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	TOTAL
LAND/RIGHT OF WAY							-
DESIGN/ENGINEERING							-
UTILITY RELOCATION							-
CONSTRUCTION				2,000,000			2,000,000
LANDSCAPING							-
EQUIPMENT/FURNISHINGS							-
OTHER							-
TOTAL COSTS	-	-	-	2,000,000	-	-	2,000,000



SOURCE OF FUNDS	Prior Appropriations	FY 2020	FY 2021	FY 2022	FY 2023	FY 2023	TOTAL
GENERAL FUND							-
WATER & SEWER FUND				2,000,000			2,000,000
BONDS							-
OTHER - TDOT							-
OTHER -							-
TOTAL SOURCE	-	-	-	2,000,000	-	-	2,000,000

PROJECT SCHEDULE	START	FINISH
LAND/RIGHT OF WAY		
DESIGN/ENGINEERING	10/21	10/23
UTILITY RELOCATION		
CONSTRUCTION		
TOTAL PROJECT	10/21	10/23

FY 2020 TOWN OF COLLIERVILLE CAPITAL INVESTMENT PROGRAM										
RESPONSIBLE DEPARTMENT			PROJECT TITLE				PROJECT MANAGER		ACCOUNT NO.	
Public Utilities			Water Distribution System Improvements				Clay Holabird			
PROJECT DESCRIPTION										
Water Distribution System Improvement projects focus on the replacement of old water mains with ductile iron pipe in order to improve reliability and increase capacity of water distribution or add new water lines and pumps where needed.										
BACKGROUND/HISTORY										
This is an ongoing project. Maintenance of water lines is needed to insure reliability and safe drinking water. New lines and increased pumping capacity, supplies flow/pressure for new development and fire protection.										
IMPACT ON OPERATING BUDGET								LOCATION MAP		
None								Varied Locations		
PROJECT COSTS	Prior Appropriations	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	TOTAL			
LAND/RIGHT OF WAY							-			
DESIGN/ENGINEERING				50,000	50,000	50,000	150,000			
UTILITY RELOCATION							-			
CONSTRUCTION				550,000	550,000	550,000	1,650,000			
LANDSCAPING							-			
EQUIPMENT/FURNISHINGS							-			
OTHER							-			
TOTAL COSTS	-	-	-	600,000	600,000	600,000	1,800,000			
SOURCE OF FUNDS	Prior Appropriations	FY 2020	FY 2021	FY 2022	FY 2023	FY 2023	TOTAL	PROJECT SCHEDULE	START	FINISH
GENERAL FUND							-	LAND/RIGHT OF WAY		
WATER & SEWER FUND				600,000	600,000	600,000	1,800,000	DESIGN/ENGINEERING	10/21	6/24
BONDS							-	UTILITY RELOCATION		
OTHER - TDOT							-	CONSTRUCTION	3/22	6/24
OTHER -							-	TOTAL PROJECT	10/21	6/24
TOTAL SOURCE	-	-	-	600,000	600,000	600,000	1,800,000			

FY 2019 TOWN OF COLLIERVILLE CAPITAL INVESTMENT PROGRAM

RESPONSIBLE DEPARTMENT Public Utilities	PROJECT TITLE Equipment - Backhoe	PROJECT MANAGER Richard Mills	ACCOUNT NO.
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PROJECT DESCRIPTION
Purchase a replacement Backhoe in FY 2024.

BACKGROUND/HISTORY
The Utilities Division uses backhoes for construction work like excavation, replacement of water or sewer lines, and to move heavy objects or construction materials. This will replace Unit #391 which is a 1995 model that will be 29 years old when removed from service.

IMPACT ON OPERATING BUDGET
None

LOCATION MAP

PROJECT COSTS	Prior Appropriations	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	TOTAL
LAND/RIGHT OF WAY							-
DESIGN/ENGINEERING							-
UTILITY RELOCATION							-
CONSTRUCTION							-
LANDSCAPING							-
EQUIPMENT/FURNISHINGS						115,000	115,000
OTHER							-
TOTAL COSTS	-	-	-	-	-	115,000	115,000
SOURCE OF FUNDS	Prior Appropriations	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	TOTAL
GENERAL FUND							-
WATER & SEWER FUND						115,000	115,000
BONDS							-
OTHER - TDOT							-
OTHER -							-
TOTAL SOURCE	-	-	-	-	-	115,000	115,000



PROJECT SCHEDULE	START	FINISH
LAND/RIGHT OF WAY		
DESIGN/ENGINEERING		
UTILITY RELOCATION		
CONSTRUCTION		
TOTAL PROJECT	8/23	3/24

FY 2020		TOWN OF COLLIERVILLE CAPITAL INVESTMENT PROGRAM						(Amounts in 000's dollars)			
RESPONSIBLE DEPARTMENT Public Utilities		PROJECT TITLE Sewer System Improvements				PROJECT MANAGER Clay Holabird		ACCOUNT NO.			
PROJECT DESCRIPTION Sewer System Improvement projects focus on the replacement, repair, or installation of new sewer pipes to maintain and upgrade the system. These projects aid in the reduction of ground water infiltration and sewer overflows. When necessary, new or larger pipes are installed where flows have increased or will increase.											
BACKGROUND/HISTORY This is an ongoing project. Maintenance of the collection system and preventing overflows is part of the Town's agreement with TDEC.											
IMPACT ON OPERATING BUDGET None.								LOCATION MAP			
								Varied Locations			
PROJECT COSTS		Prior Appropriations	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	TOTAL			
LAND/RIGHT OF WAY								-			
DESIGN/ENGINEERING							50,000	50,000			
UTILITY RELOCATION								-			
CONSTRUCTION							700,000	700,000			
LANDSCAPING								-			
EQUIPMENT/FURNISHINGS								-			
OTHER								-			
TOTAL COSTS		-	-	-	-	-	750,000	750,000			
SOURCE OF FUNDS		Prior Appropriations	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	TOTAL	PROJECT SCHEDULE	START	FINISH
GENERAL FUND								-	LAND/RIGHT OF WAY	N/A	N/A
WATER & SEWER FUND							750,000	750,000	DESIGN/ENGINEERING	9/19	8/23
BONDS								-	UTILITY RELOCATION	N/A	N/A
OTHER -								-	CONSTRUCTION	9/19	8/24
OTHER -								-	TOTAL PROJECT	9/19	8/24
TOTAL SOURCE		-	-	-	-	-	750,000	750,000			