

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



FY 2018-2019

Capital Investment Program



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FY 2019

TOWN OF COLLIERVILLE CIP SUMMARY BY FUNCTION

	APPROVED FY 2019	PROJECTED FY 2020	PROJECTED FY 2021	PROJECTED FY 2022	PROJECTED FY 2023
Expenses					
General Government	2,102,982	390,000	371,500	190,000	5,000,000
Development	4,051,000	1,842,000	13,248,000	445,000	1,460,000
Public Safety	-	896,000	100,000	1,174,000	4,802,000
Parks & Recreation	380,000	500,000	750,000	750,000	750,000
Public Services	613,000	622,000	752,000	684,000	508,000
Public Utilities	1,200,000	3,400,000	900,000	600,000	900,000
Total Expenses	8,346,982	7,650,000	16,121,500	3,843,000	13,420,000
Funding Sources					
Fire Facility Fee	-	-	100,000	150,000	-
General Fund	2,761,182	1,701,400	3,159,100	1,499,000	10,252,000
TDOT	2,432,800	661,600	9,910,400	-	-
Parks Improv. Fund	380,000	500,000	750,000	750,000	750,000
Sanitation	613,000	422,000	492,000	449,000	458,000
Storm Water	910,000	965,000	810,000	395,000	1,060,000
W&S Reserves	1,250,000	3,400,000	900,000	600,000	900,000
Total Funding Sources	8,346,982	7,650,000	16,121,500	3,843,000	13,420,000

FY 2019

TOWN OF COLLIERVILLE 5-YEAR CIP SUMMARY BY FUNCTION

Department	Project	2019	2020	2021	2022	2023	TOTAL CIP	
General Services	Community Center Chiller Replacement	155,000					155,000	
	Facilities Maintenance Shop Renovation	649,782					649,782	
	Historic High School Renovations	785,700					785,700	
	Linda Kerley Center A/C for Gym & Lobby	260,000					260,000	
	Linda Kerley Center Barrel Roof Replacement	252,500					252,500	
	Community Center Air Handlers (3) Replacement		190,000				190,000	
	Parking Lot Overlays (WCJ East, West & Cox Park)		200,000				200,000	
	Community Center HVAC VAV Boxes & Control System Replacement			221,500			221,500	
	Parking Lot Overlays (WCJ East, West & Cox Park)			150,000			150,000	
	Medians - Irrigation & Landscaping				190,000		190,000	
	Library Expansion					5,000,000	5,000,000	
	Development	ADA Project - Sidewalk/Curb Ramp Improvements	50,000					50,000
		Center Street Drainage Outfall	200,000					200,000
	Lateral I Grade Control Structure	400,000					400,000	
	Mt. Pleasant Drainage Improvements	105,000					105,000	
	Powell Road at Peterson Lake Drainage Improvements	65,000					65,000	
	Shelby Drive Widening (Sycamore to Hwy 72) (MPO)	773,000					773,000	
	SR 57 Widening Project (MPO)	2,268,000					2,268,000	
	Tamburlaine Cove Drainage Improvements	75,000					75,000	
	Wilson Street Drainage & Water System Improvements	115,000					115,000	
	ADA Project - Sidewalk/Curb Ramp Improvements		50,000				50,000	
	Lateral K Bank Stabilization		425,000				425,000	
	Lawnwood & Rhetts Way (Inlets & Study)		125,000				125,000	
	Powell Road at Peterson Lake Drainage Improvements		350,000				350,000	
	Sanders Creek Bank Stabilization		65,000				65,000	
	SR175 Widening (Jasper Park to Shelby Post) (MPO)		827,000				827,000	
	ADA Project - Sidewalk/Curb Ramp Improvements			50,000			50,000	
	Houston Downs S/D Drainage Improvements			50,000			50,000	
	Queen Oaks Bank Stabilization			80,000			80,000	
	Sanders Creek Bank Stabilization			525,000			525,000	
	Schilling Ditch Tarren Mills (Design)			70,000			70,000	
	South Rowlett Drainage Improvements			85,000			85,000	
	ADA Project - Sidewalk/Curb Ramp Improvements				50,000		50,000	
	Sanders Creek Bank Stabilization				70,000		70,000	
	Schilling Ditch Tarren Mills (Design)				325,000		325,000	
	Shelby Drive Widening (Sycamore to Hwy 72) (MPO)				12,388,000		12,388,000	
	ADA Project - Sidewalk/Curb Ramp Improvements					50,000	50,000	
	Mast Arm Upgrades (Main and Poplar)					350,000	350,000	
	Queen Oaks Bank Stabilization					700,000	700,000	
	Sanders Creek Bank Stabilization					360,000	360,000	
Public Safety	Replacement Rescue/Pumper Truck (1) - 2020		896,000				896,000	

Department	Project	2019	2020	2021	2022	2023	TOTAL CIP	
Public Safety	Fire Administration Expansion (2nd Floor)			100,000			100,000	
	Architectural/Engineering Design Services (Firehouse #6)				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	
Parks & Recreation	H.W. Cox Tennis Complex - Lighting Renovations	50,000					50,000	
	Playground Surface Renovations	50,000					50,000	
	Suggs Park Improvements	200,000					200,000	
	W.C.J. Sand Volleyball Courts	80,000					80,000	
	Hinton Park - Playground & Performance Lawn		500,000				500,000	
	Greenbelt System Overlay			200,000			200,000	
	Hinton Park - Parking Lot Expansion			300,000			300,000	
	Playground Surface Renovations			125,000			125,000	
	Spray Parks Resurfacing - W.C. Johnson & Suggs			125,000			125,000	
	Greenbelt System Overlay				500,000		500,000	
	Playground Surface Renovations				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	
	Public Services	Equipment - Automated Garbage Truck	290,000					290,000
		Equipment - Automated Leaf Machine	185,000					185,000
Equipment - Road Tractor		138,000					138,000	
Equipment - Brush Truck			140,000				140,000	
Equipment - Rear Loading Garbage Truck			182,000				182,000	
Equipment - Side Loader			100,000				100,000	
Equipment - Tandem Axle Dump Truck			125,000				125,000	
Paving of Public Services Parking lot			75,000				75,000	
Equipment - Automated Garbage Truck				297,000			297,000	
Equipment - Automated Leaf Machine				195,000			195,000	
Equipment - Lowboy Trailer				50,000			50,000	
Equipment - Track Excavator				210,000			210,000	
Equipment - Automated Garbage Truck					303,000		303,000	
Equipment - Brush Truck					146,000		146,000	
Equipment - Wheel Loader					165,000		165,000	
Heavy Truck Lift					70,000		70,000	
Equipment - Automated Garbage Truck						309,000	309,000	
Equipment - Brush Truck						149,000	149,000	
Parking Lot Expansion at Public Services						50,000	50,000	
Public Utilities		Sewer Improvements - Cured in Place Pipe (CIPP)	500,000					500,000

Department	Project	2019	2020	2021	2022	2023	TOTAL CIP
Public Utilities	Shelton Rd. WWTP Solids Expansion	300,000					300,000
	South Street / Mills Street Waterlines	400,000					400,000
	Sewer System Improvements		300,000				300,000
	Shelton Rd. WWTP Solids Expansion		2,300,000				2,300,000
	Water Distribution System Improvements		800,000				800,000
	Sewer System Improvements			300,000			300,000
	Water Distribution System Improvements			600,000			600,000
	Water Distribution System Improvements				600,000		600,000
	Sewer System Improvements					300,000	300,000
	Water Distribution System Improvements					600,000	600,000
TOTAL CIP		8,346,982	7,650,000	3,733,500	16,231,000	13,420,000	49,381,482

FY 2019**GENERAL GOVERNMENT CIP SUMMARY**

	APPROVED FY 2019	PROJECTED FY 2020	PROJECTED FY 2021	PROJECTED FY 2022	PROJECTED FY 2023	TOTAL 5 YEAR CIP
PROJECT						
General Services						
Community Center Chiller Replacement	155,000	-	-	-	-	155,000
Facilities Maintenance Shop Renovation	649,782	-	-	-	-	649,782
Historic High School Renovations - Phase 2	785,700	-	-	-	-	785,700
Linda Kerley Center A/C for Gym & Lobby	260,000	-	-	-	-	260,000
Linda Kerley Center Barrel Roof Replacement	252,500	-	-	-	-	252,500
Community Center Air Handlers (3) Replacement	-	190,000	-	-	-	190,000
Parking Lot Overlays (WCJ East, West & Cox Park)	-	200,000	150,000	-	-	350,000
Community Center HVAC VAV Boxes & Control System Replacement	-	-	221,500	-	-	221,500
Medians Irrigation & Landscaping	-	-	-	190,000	-	190,000
Library Expansion	-	-	-	-	5,000,000	5,000,000
Total General Services CIP	2,102,982	390,000	371,500	190,000	5,000,000	8,054,482
Funding Sources						
General Fund Reserves	2,102,982	390,000	371,500	190,000	5,000,000	8,054,482
Total Funding Sources	2,102,982	390,000	371,500	190,000	5,000,000	8,054,482

FY 2019 TOWN OF COLLIERVILLE CAPITAL INVESTMENT PROGRAM

RESPONSIBLE DEPARTMENT General Services	PROJECT TITLE Community Center - HVAC System Chiller Replacement	PROJECT MANAGER Derek Honeycutt	ACCOUNT NO. 321-41910-921-201901
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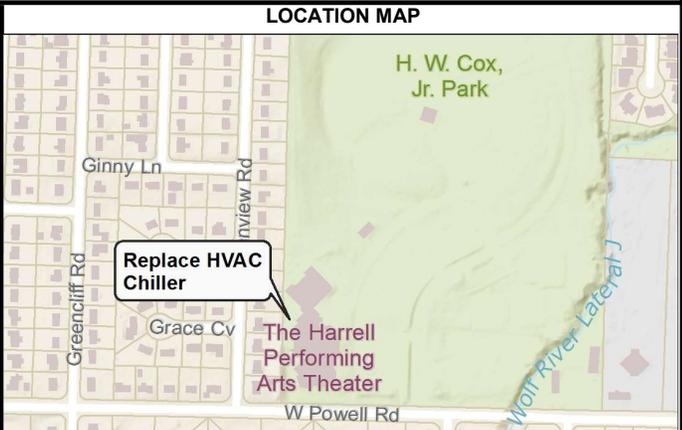
PROJECT DESCRIPTION
 This project will consist of removing the current Carrier HVAC system chiller that serves the theater, office areas and DAC. The old chiller will be removed with a crane by a contractor and a new chiller set in the same space with some possible modification to the area to accept the new larger more energy efficient type chilled water unit.

BACKGROUND/HISTORY
 The current Carrier chiller is a 2002 model chilled water unit which has reached its effective useful life cycle. Cost to operate and maintain the piece of equipment continues to increase each year. Maintenance Technicians continue to experience difficulties with controlling the building environment with conditioned air since the chiller controls are no longer able to properly control the unit's output. Preventative maintenance which is usually performed in-house by TOC Maintenance Technicians on other chillers at a minimal cost of \$277 annually (each unit) where as the Carrier unit coil cleaning must be out-sourced twice a year at a cost of \$4,826 annually due to the difficulties in accessing the coils.



IMPACT ON OPERATING BUDGET
 Reduction in utility and maintenance costs.

PROJECT COSTS	Prior Appropriations	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
LAND/RIGHT OF WAY							-
DESIGN/ENGINEERING		17,000					17,000
UTILITY RELOCATION							-
CONSTRUCTION							-
LANDSCAPING							-
EQUIPMENT/FURNISHINGS		138,000					138,000
OTHER							-
TOTAL COSTS	-	155,000	-	-	-	-	155,000
SOURCE OF FUNDS	Prior Appropriations	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
GENERAL FUND		155,000					155,000
WATER & SEWER FUND							-
BONDS							-
OTHER - TDOT							-
OTHER -							-
TOTAL SOURCE	-	155,000	-	-	-	-	155,000



PROJECT SCHEDULE	START	FINISH
LAND/RIGHT OF WAY		
DESIGN/ENGINEERING		
UTILITY RELOCATION		
CONSTRUCTION	9/18	10/18
TOTAL PROJECT	9/18	10/18

FY 2019 TOWN OF COLLIERVILLE CAPITAL INVESTMENT PROGRAM

RESPONSIBLE DEPARTMENT General Services	PROJECT TITLE Facilities Maintenance Shop Renovation	PROJECT MANAGER Derek Honeycutt	ACCOUNT NO. 321-41900-921-201601
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PROJECT DESCRIPTION
 This project requires contracting with a professional services firm to prepare construction drawings and specifications to build office space and related amenities, equipment and wood/metal shops and parts, tools and material storage space within approximately 38,000 sq. ft. of the metal building on Progress Road, formerly known as the Craig Lumber Company complex. Upon completion of the project, the General Services Department divisions of Grounds and Parks Maintenance and Facilities Maintenance will relocate their daily operations to this location. The project will also include the construction of parking lots for employee, visitor, and Town owned vehicles. The building is located in a remote area creating the need to have natural gas service, fiber optic communication cabling, and other communication needs installed for a fully operational facility.

BACKGROUND/HISTORY
 Currently, both divisions have out-grown their present locations and need additional work space to perform daily job responsibilities. The Grounds and Parks Maintenance division with its 41 employees operates out of the 2,400 sq. ft. 1988 metal and wood clad building located at 350 Powell Road, and the 11 Facilities Maintenance division employees work out of the 1,650 sq. ft. metal building at 609 E. South Street. The proposed project will allow both divisions to relocate into one location with more office and equipment space while moving all of the Town's maintenance operations to the southeast quadrant of the Town. As an added benefit, this will allow all Town maintenance operations to share building amenities, equipment and other related operational components.

IMPACT ON OPERATING BUDGET
 Impacted operating costs will include utilities, insurance, building maintenance and inspections.



PROJECT COSTS	Prior Appropriations	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
LAND/RIGHT OF WAY							-
DESIGN/ENGINEERING	40,000						40,000
UTILITY RELOCATION	25,000						25,000
CONSTRUCTION	189,952	649,782					839,734
LANDSCAPING							-
EQUIPMENT/FURNISHINGS	30,000						30,000
OTHER	46,100						46,100
TOTAL COSTS	331,052	649,782	-	-	-	-	980,834
SOURCE OF FUNDS	Prior Appropriations	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
GENERAL FUND	331,052	649,782					980,834
WATER & SEWER FUND							-
BONDS							-
OTHER - TDOT							-
OTHER -							-
TOTAL SOURCE	331,052	649,782	-	-	-	-	980,834

PROJECT SCHEDULE	START	FINISH
LAND/RIGHT OF WAY		
DESIGN/ENGINEERING		
UTILITY RELOCATION		
CONSTRUCTION	8/18	1/19
TOTAL PROJECT	8/18	1/19

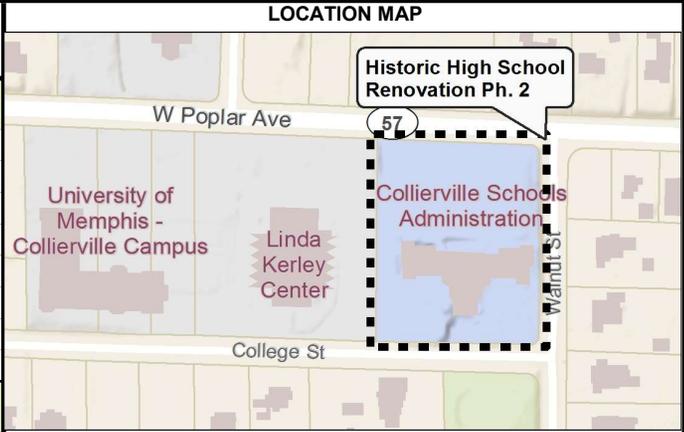
FY 2019 TOWN OF COLLIERVILLE CAPITAL INVESTMENT PROGRAM

RESPONSIBLE DEPARTMENT General Services	PROJECT TITLE Historic High School Renovation - Phase 2	PROJECT MANAGER Derek Honeycutt	ACCOUNT NO. 335-41900-921-201401
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PROJECT DESCRIPTION
 The final construction phase will include the construction of a new two story building entrance on the north side of the building. Other exterior improvements will be a new parking lot, sidewalks, exterior doors and windows, new coat of paint and building flood light upgrades. Building interior renovations will consist of second floor upgrades similar to the first floor improvements, all four restrooms will receive ADA compliant upgrades, and the auditorium will have new furnishings installed such as seating, wall coverings, flooring and paint.

BACKGROUND/HISTORY
 The current Collierville Historic High School (CHHS) building houses the Collierville Schools administration offices on the first floor. It is a 34,500 sq. ft. two story structure with a cafeteria, auditorium and partial basement. The auditorium with its balcony is accessed from both the first and second floors and seats 660 people. It has high ceilings, interesting architecture and terrazzo floors in the corridors. First floor renovations, except within the auditorium, were completed in May 2015 which included the following improvements: demolition of classroom finishes, plaster wall repairs, installation of new trim work in classrooms, fresh coat of paint throughout the first floor, construction of temporary ADA ramps, upgrades to the electrical and low voltage systems, replacement of all interior doors and hardware, and new carpet in classrooms. In construction Phase 1, a general contractor performed upgrades to the entire building electrical system, HVAC system and installed a new roof system. Also in this phase, the demolition of the 1970's cafeteria/library building occurred along with asbestos and lead abatement programs.

IMPACT ON OPERATING BUDGET
 No impact.



PROJECT COSTS	Prior Appropriations	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
LAND/RIGHT OF WAY							-
DESIGN/ENGINEERING	500,300						500,300
UTILITY RELOCATION							-
CONSTRUCTION	5,404,200	785,700					6,189,900
LANDSCAPING							-
EQUIPMENT/FURNISHINGS	127,800						127,800
OTHER							-
TOTAL COSTS	6,032,300	785,700	-	-	-	-	6,818,000
SOURCE OF FUNDS	Prior Appropriations	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
GENERAL FUND	3,494,600	785,700					4,280,300
WATER & SEWER FUND							-
BONDS	2,537,700						2,537,700
OTHER - TDOT							-
OTHER -							-
TOTAL SOURCE	6,032,300	785,700	-	-	-	-	6,818,000

PROJECT SCHEDULE	START	FINISH
LAND/RIGHT OF WAY		
DESIGN/ENGINEERING		
UTILITY RELOCATION		
CONSTRUCTION	8/18	4/18
TOTAL PROJECT	8/18	4/18

FY 2019 TOWN OF COLLIERVILLE CAPITAL INVESTMENT PROGRAM

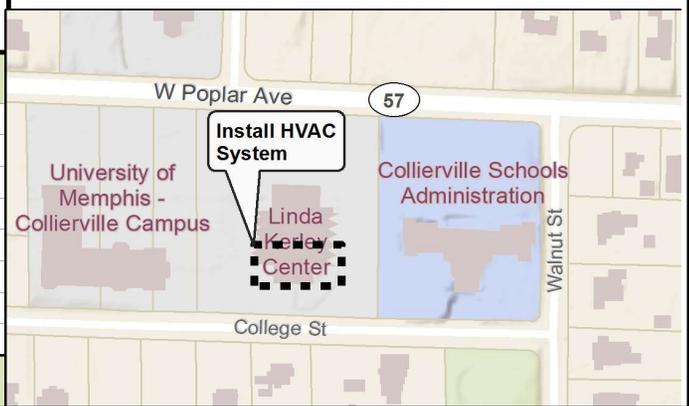
RESPONSIBLE DEPARTMENT General Services	PROJECT TITLE Linda Kerley Center A/C for Gym & Lobby	PROJECT MANAGER Mike Cannon	ACCOUNT NO. 321-41910-921-201902
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PROJECT DESCRIPTION
 This project will consist of installing an air-conditioning system to service 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.

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 summer created 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



PROJECT COSTS	Prior Appropriations	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
LAND/RIGHT OF WAY							-
DESIGN/ENGINEERING		15,000					15,000
UTILITY RELOCATION							-
CONSTRUCTION							-
LANDSCAPING							-
EQUIPMENT/FURNISHINGS		245,000					245,000
OTHER							-
TOTAL COSTS	-	260,000	-	-	-	-	260,000
SOURCE OF FUNDS	Prior Appropriations	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
GENERAL FUND		260,000					260,000
WATER & SEWER FUND							-
BONDS							-
OTHER - TDOT							-
OTHER -							-
TOTAL SOURCE	-	260,000	-	-	-	-	260,000

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

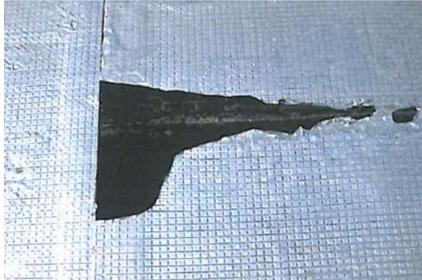
FY 2019 TOWN OF COLLIERVILLE CAPITAL INVESTMENT PROGRAM

RESPONSIBLE DEPARTMENT General Services	PROJECT TITLE Linda Kerley Center Barrel Roof Replacement	PROJECT MANAGER Derek Honeycutt	ACCOUNT NO. 321-41910-921-201903
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PROJECT DESCRIPTION
This project will consist of removing the 1961 aluminum clad roof to the deck material and install a new similar roof system. The project scope will also include the removal of rotten buttress wood and replace with new wood, paint all buttress areas and repair any damaged metal edge caps.

BACKGROUND/HISTORY
The current barrel roof system was installed in 1961 and has reached its useful life.

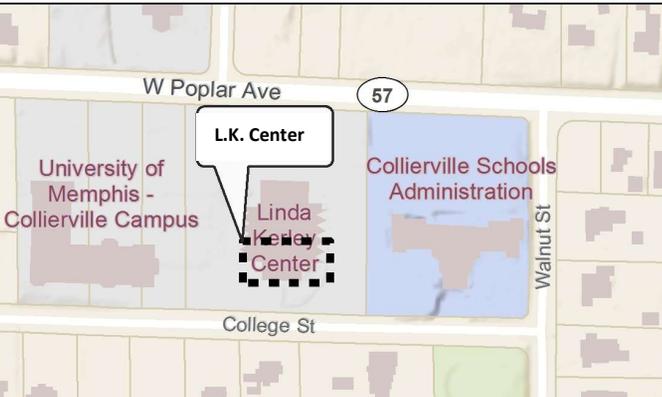




IMPACT ON OPERATING BUDGET
No impact.

PROJECT COSTS	Prior Appropriations	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
LAND/RIGHT OF WAY							-
DESIGN/ENGINEERING		17,000					17,000
UTILITY RELOCATION							-
CONSTRUCTION		235,500					235,500
LANDSCAPING							-
EQUIPMENT/FURNISHINGS		-					-
OTHER							-
TOTAL COSTS	-	252,500	-	-	-	-	252,500
SOURCE OF FUNDS	Prior Appropriations	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
GENERAL FUND		252,500					252,500
WATER & SEWER FUND							-
BONDS							-
OTHER - TDOT							-
OTHER -							-
TOTAL SOURCE	-	252,500	-	-	-	-	252,500

LOCATION MAP



PROJECT SCHEDULE	START	FINISH
LAND/RIGHT OF WAY		
DESIGN/ENGINEERING		
UTILITY RELOCATION		
CONSTRUCTION	9/18	10/18
TOTAL PROJECT	9/18	10/18

FY 2019 TOWN OF COLLIERVILLE CAPITAL INVESTMENT PROGRAM

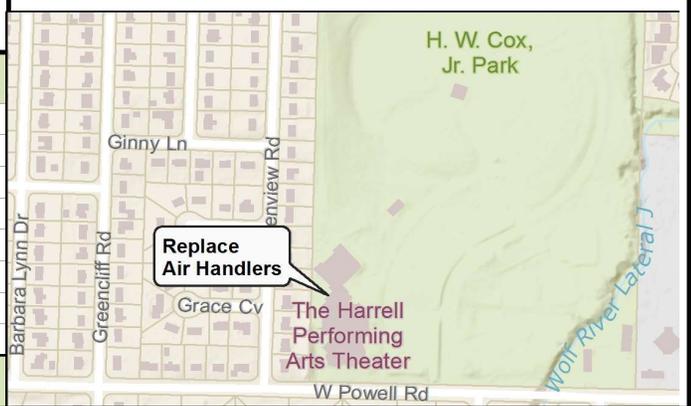
RESPONSIBLE DEPARTMENT General Services	PROJECT TITLE Community Center - HVAC Air Handlers (3) Replacement	PROJECT MANAGER Derek Honeycutt	ACCOUNT NO.
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PROJECT DESCRIPTION
 The purpose of this project is to replace the HVAC system air handlers which 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 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
LAND/RIGHT OF WAY							-
DESIGN/ENGINEERING			15,000				15,000
UTILITY RELOCATION							-
CONSTRUCTION							-
LANDSCAPING							-
EQUIPMENT/FURNISHINGS			175,000				175,000
OTHER							-
TOTAL COSTS	-	-	190,000	-	-	-	190,000
SOURCE OF FUNDS	Prior Appropriations	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	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	8/20	11/20
TOTAL PROJECT	8/20	11/20

FY 2019 TOWN OF COLLIERVILLE CAPITAL INVESTMENT PROGRAM

RESPONSIBLE DEPARTMENT General Services	PROJECT TITLE Parking Lot Overlays (WCJ East, West, & Cox Park	PROJECT MANAGER Mike Cannon	ACCOUNT NO.
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PROJECT DESCRIPTION
 This project will consist of repairing asphalt failures, crack filling, and overlaying parking lots with 1" of surface asphalt. Thereafter, the parking lots will be placed on a two (2) year cycle coating program.

FY 2020 - Overlay all parking areas at WC Johnson Park East and West
 FY 2021 - Overlay main drive through WC Johnson Park

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 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
LAND/RIGHT OF WAY							-
DESIGN/ENGINEERING							-
UTILITY RELOCATION							-
CONSTRUCTION			200,000	150,000			350,000
LANDSCAPING							-
EQUIPMENT/FURNISHINGS							-
OTHER							-
TOTAL COSTS	-	-	200,000	150,000	-	-	350,000

Multiple Locations

SOURCE OF FUNDS	Prior Appropriations	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
GENERAL FUND			200,000	150,000			350,000
WATER & SEWER FUND							-
BONDS							-
OTHER - TDOT							-
OTHER -							-
TOTAL SOURCE	-	-	200,000	150,000	-	-	350,000

PROJECT SCHEDULE	START	FINISH
LAND/RIGHT OF WAY		
DESIGN/ENGINEERING		
UTILITY RELOCATION		
CONSTRUCTION	10/20	12/21
TOTAL PROJECT	10/20	12/21

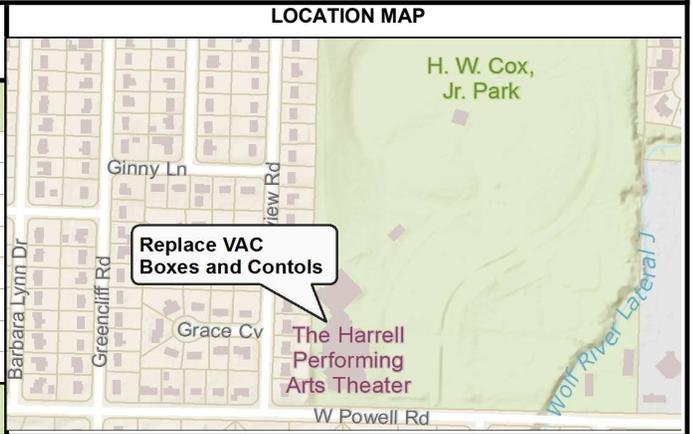
FY 2019 TOWN OF COLLIERVILLE CAPITAL INVESTMENT PROGRAM

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
CONSTRUCTION

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.



PROJECT COSTS	Prior Appropriations	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	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 2019	FY 2020	FY 2021	FY 2022	FY 2023	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		
UTILITY RELOCATION		
CONSTRUCTION	8/21	11/21
TOTAL PROJECT	8/21	11/21

FY 2019 TOWN OF COLLIERVILLE CAPITAL INVESTMENT PROGRAM

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 terms 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

PROJECT COSTS	Prior Appropriations	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
LAND/RIGHT OF WAY							-
DESIGN/ENGINEERING							-
UTILITY RELOCATION							-
CONSTRUCTION							-
LANDSCAPING			-	-	190,000		190,000
EQUIPMENT/FURNISHINGS							-
OTHER							-
TOTAL COSTS	-	-	-	-	190,000	-	190,000

Multiple Locations

SOURCE OF FUNDS	Prior Appropriations	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	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	8/20	6/23
TOTAL PROJECT	8/20	6/23

FY 2019 TOWN OF COLLIERVILLE CAPITAL INVESTMENT PROGRAM

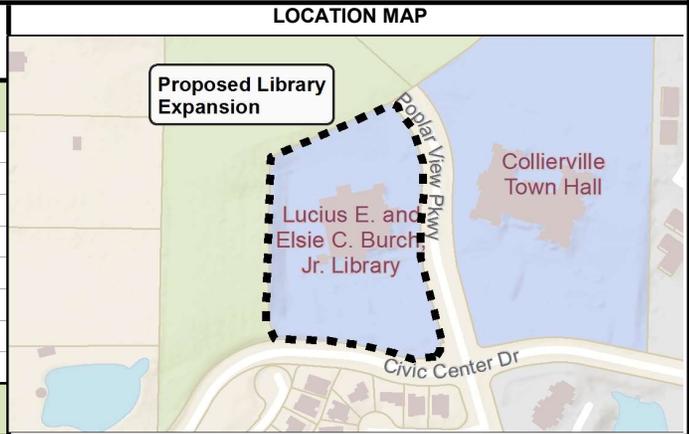
RESPONSIBLE DEPARTMENT General Services	PROJECT TITLE Library Expansion	PROJECT MANAGER Derek Honeycutt	ACCOUNT NO.
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PROJECT DESCRIPTION
 This building expansion and renovation project will consist of constructing 31,386 square feet of new building 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.



PROJECT COSTS	Prior Appropriations	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	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 2019	FY 2020	FY 2021	FY 2022	FY 2023	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 2019**DEVELOPMENT CIP SUMMARY**

PROJECT	PROJECTED FY 2019	PROJECTED FY 2020	PROJECTED FY 2021	PROJECTED FY 2022	PROJECTED FY 2023	TOTAL 5 YEAR CIP
Development						
ADA Project - Sidewalk/Curb Ramp Improvements	50,000	50,000	50,000	50,000	50,000	250,000
Center Street Drainage Outfall	200,000	-	-	-	-	200,000
Lateral I Grade Control Structure	400,000	-	-	-	-	400,000
Mt. Pleasant Drainage Improvements	105,000	-	-	-	-	105,000.00
Powell Road at Peterson Lake Drainage Improvements	65,000	350,000	-	-	-	415,000
Shelby Drive Widening (Sycamore to Hwy 72) (MPO)	773,000	-	12,388,000	-	-	13,161,000
SR 57 Widening Project (MPO)	2,268,000	-	-	-	-	2,268,000
Tamburlaine Cove Drainage Improvements	75,000	-	-	-	-	75,000
Wilson Street Drainage Improvements	115,000	-	-	-	-	115,000
Lateral K Bank Stabilization	-	425,000	-	-	-	425,000
Lawnwood & Rhett's Way (Inlets & Study)	-	125,000	-	-	-	125,000
Sanders Creek Bank Stabilization	-	65,000	525,000	70,000	360,000	1,020,000
SR175 Widening (Jasper Park to Shelby Post) (MPO)	-	827,000	-	-	-	827,000
Houston Downs S/D Drainage Improvements	-	-	50,000	-	-	50,000
Queen Oaks Bank Stabilization	-	-	80,000	-	700,000	780,000
Schilling Ditch Tarren Mills (Design)	-	-	70,000	325,000	-	395,000
South Rowlett Drainage Improvements	-	-	85,000	-	-	85,000
Mast Arm Upgrades (Main and Poplar)	-	-	-	-	350,000	350,000
Total Development CIP	4,051,000	1,842,000	13,248,000	445,000	1,460,000	21,046,000
Funding Sources						
TDOT	2,432,800	661,600	9,910,400	-	-	13,004,800
General Fund Reserves	658,200	215,400	2,527,600	50,000	400,000	3,851,200
Other - Stormwater Fees	910,000	965,000	810,000	395,000	1,060,000	4,140,000
Water & Sewer Reserves	50,000	-	-	-	-	50,000
Total Funding Sources	4,051,000	1,842,000	13,248,000	445,000	1,460,000	21,046,000

FY 2019 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 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL			
LAND/RIGHT OF WAY							-			
DESIGN/ENGINEERING							-			
UTILITY RELOCATION							-			
CONSTRUCTION		50,000	50,000	50,000	50,000	50,000	250,000			
LANDSCAPING							-			
EQUIPMENT/FURNISHINGS							-			
OTHER							-			
TOTAL COSTS	-	50,000	50,000	50,000	50,000	50,000	250,000			
SOURCE OF FUNDS	Prior Appropriations	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL	PROJECT SCHEDULE	START	FINISH
GENERAL FUND		50,000	50,000	50,000	50,000	50,000	250,000	LAND/RIGHT OF WAY		
WATER & SEWER FUND							-	DESIGN/ENGINEERING		
BONDS							-	UTILITY RELOCATION		
OTHER - TDOT							-	CONSTRUCTION		
OTHER -							-	TOTAL PROJECT		
TOTAL SOURCE	-	50,000	50,000	50,000	50,000	50,000	250,000			

FY 2019 TOWN OF COLLIERVILLE CAPITAL INVESTMENT PROGRAM

RESPONSIBLE DEPARTMENT Development - Engineering	PROJECT TITLE Center Street Drainage Outfall	PROJECT MANAGER Dale Perryman	ACCOUNT NO. 321-43120-934-201901
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PROJECT DESCRIPTION
 This project will consist of clearing, erosion control, installation of approximately 722 linear feet of drainage pipe, and drainage inlets to connect one of the Center Street drainage outfalls to the one at U.S. Highway 72 and Distribution Parkway. Staff anticipates working with the property owner to acquire the easement for construction. Permitting may be required from the Tennessee Department of Transportation to connect to the existing pipe under Highway 72. Town Staff will need to work with Public Services, AT&T and Comcast to avoid utility conflicts.

BACKGROUND/HISTORY
 The Town began installing drainage pipes in the 1990's to connect Center Street outfall to a pipe under U.S. Highway 72; however, the Town never completed the project. As part of the negotiations for the right-of-way for Center Street with one of the property owners, the Town agreed to complete the project if the property owner agreed to right-of-way acquisition. The property owner has signed the right-of-way document.

IMPACT ON OPERATING BUDGET
 Overlay once every 15 years.

PROJECT COSTS	Prior Appropriations	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
LAND/RIGHT OF WAY							-
DESIGN/ENGINEERING							-
UTILITY RELOCATION							-
CONSTRUCTION		200,000					200,000
LANDSCAPING							-
EQUIPMENT/FURNISHINGS							-
OTHER							-
TOTAL COSTS	-	200,000	-	-	-	-	200,000
SOURCE OF FUNDS	Prior Appropriations	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
GENERAL FUND							-
WATER & SEWER FUND							-
BONDS							-
OTHER - TDOT							-
OTHER - Storm Water		200,000					200,000
TOTAL SOURCE	-	200,000	-	-	-	-	200,000

LOCATION MAP

PROJECT SCHEDULE

PROJECT SCHEDULE	START	FINISH
LAND/RIGHT OF WAY	n/a	n/a
DESIGN/ENGINEERING	8/18	11/18
UTILITY RELOCATION	n/a	n/a
CONSTRUCTION	3/19	6/19
TOTAL PROJECT	8/18	6/19

FY 2019 TOWN OF COLLIERVILLE CAPITAL INVESTMENT PROGRAM

RESPONSIBLE DEPARTMENT Development - Engineering	PROJECT TITLE Lateral I Grade Control Structure	PROJECT MANAGER Dale Perryman	ACCOUNT NO. 321-43120-934-201902
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PROJECT DESCRIPTION
 FY 17-18 - This phase consisted of the design of a second grade control structure along Lateral I. This will involve surveying, soil borings, and the design of sheet piles for a grade control structure along the ditch facility. The project design has been completed and all permits have been acquired.
 FY 18-19 - This phase will consist of the construction of the grade control structure. It is anticipated that it will be constructed along the back of the lots located in Wolf River Ranch PD, Phase 7. Only two structures are anticipated to be needed to stabilize the flowline of the stream. The first grade control structure, located upstream, was included in the FY 2015 CIP and has been constructed.

BACKGROUND/HISTORY
 Lateral I is a major east west drainage channel that drains a major portion of the northeast side of the Town. The portion of the channel that is in danger of continued severe erosion begins at the box culvert that goes into W.C. Johnson Park, then flows along the east side and north side of Wolf River Phase 6 then passes by a levee that belongs to the Town located at W.C. Johnson Park. It continues along the north side of Wolf River Ranch Phase 4. Over time the head cutting that has taken place in the Wolf River has worked its way back upstream in Lateral I and the tributary. The head cutting is causing property damage, endangering fences and drainage structures. In addition, severe erosion has taken place close to the levee of the lake at W.C. Johnson Park. The walking trail across the levee has been closed.

IMPACT ON OPERATING BUDGET
 Routine maintenance and cleaning of debris.

PROJECT COSTS	Prior Appropriations	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
LAND/RIGHT OF WAY							-
DESIGN/ENGINEERING							-
UTILITY RELOCATION							-
CONSTRUCTION		400,000					400,000
LANDSCAPING							-
EQUIPMENT/FURNISHINGS							-
OTHER							-
TOTAL COSTS	-	400,000	-	-	-	-	400,000
SOURCE OF FUNDS	Prior Appropriations	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
GENERAL FUND							-
WATER & SEWER FUND							-
BONDS							-
OTHER - TDOT							-
OTHER - Storm Water		400,000					400,000
TOTAL SOURCE	-	400,000	-	-	-	-	400,000

LOCATION MAP

PROJECT SCHEDULE

	START	FINISH
LAND/RIGHT OF WAY	4/18	8/18
DESIGN/ENGINEERING	10/17	3/18
UTILITY RELOCATION	N/A	N/A
CONSTRUCTION	9/18	12/18
TOTAL PROJECT	10/17	12/18

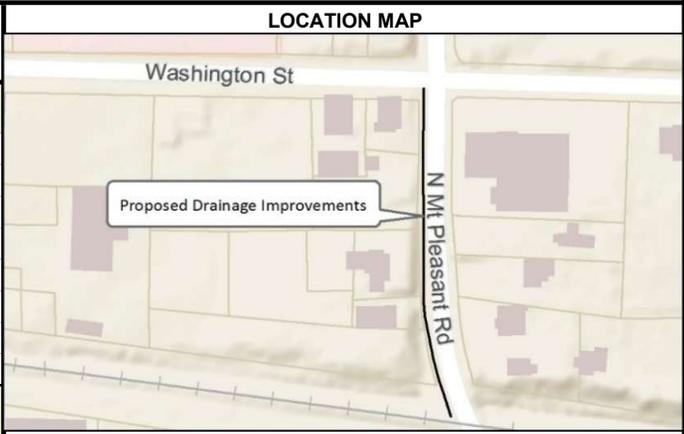
FY 2019 TOWN OF COLLIERVILLE CAPITAL INVESTMENT PROGRAM

RESPONSIBLE DEPARTMENT Development - Engineering	PROJECT TITLE Mt. Pleasant Drainage Improvements	PROJECT MANAGER Dale Perryman	ACCOUNT NO. 321-43120-934-201806
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PROJECT DESCRIPTION
 This project will consist of the installation of approximately 400 linear feet of drainage pipe and drainage inlets along the west side of Mt. Pleasant Road between Washington Street and the Railroad. This project was approved in the Town's FY 17-18 Capital Investment Plan; however, additional funding is being requested due to the requirements Norfolk Southern Railroad is requesting. The engineering plans have been approved by Norfolk Southern and the Town is currently waiting on a construction contract from them. Staff does anticipate having to work with Public Works, MLG&W, AT&T, Norfolk Southern Railroad, and Comcast to adjust utilities as necessary to avoid conflict with the drain pipe.

BACKGROUND/HISTORY
 With the drainage improvements that occurred as part of Natchez Place Development and proposed developments, it was determined there was a need to upsize the drainage along the west side of Mt. Pleasant to accommodate growth. Engineering requested funding in the FY 16-17 operating budget for design of the pipe system; however, there was no specific time scheduled for construction. A proposed development, Homewood Place, on the east side of Mt. Pleasant will add flow to the existing pipe causing more flooding.

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



PROJECT COSTS	Prior Appropriations	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
LAND/RIGHT OF WAY							-
DESIGN/ENGINEERING							-
UTILITY RELOCATION							-
CONSTRUCTION	145,000	105,000					250,000
LANDSCAPING							-
EQUIPMENT/FURNISHINGS							-
OTHER							-
TOTAL COSTS	145,000	105,000	-	-	-	-	250,000
SOURCE OF FUNDS	Prior Appropriations	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
GENERAL FUND							-
WATER & SEWER FUND							-
BONDS							-
OTHER - TDOT							-
OTHER - Storm Water		105,000					105,000
TOTAL SOURCE	-	105,000	-	-	-	-	105,000

PROJECT SCHEDULE	START	FINISH
LAND/RIGHT OF WAY	n/a	n/a
DESIGN/ENGINEERING	8/18	11/18
UTILITY RELOCATION	n/a	n/a
CONSTRUCTION	3/19	6/19
TOTAL PROJECT	8/18	6/19

FY 2019 TOWN OF COLLIERVILLE CAPITAL INVESTMENT PROGRAM

RESPONSIBLE DEPARTMENT Development - Engineering	PROJECT TITLE Powell Road at Peterson Lake Drainage Improvements	PROJECT MANAGER Dale Perryman	ACCOUNT NO. 321-43120-934-201903
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PROJECT DESCRIPTION
 This project will consist of the design of drainage improvements for the intersection of Powell Road and Peterson Lake. In March 2018, a study was completed that provided a solution to reduce structural and intersection flooding. The study reported that new pipes, additional inlets and modifications to the detention pond outlet structure would help reduce the flooding. The design is proposed for Fiscal Year 18-19, while construction is proposed for Fiscal Year 19-20. The scope of the construction will be determined when the design is complete. Staff anticipates working with Public Works, MLG&W, AT&T, and Comcast to adjust utilities as necessary to avoid conflict with the drain pipe.

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 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
LAND/RIGHT OF WAY							-
DESIGN/ENGINEERING		65,000					65,000
UTILITY RELOCATION							-
CONSTRUCTION			350,000				350,000
LANDSCAPING							-
EQUIPMENT/FURNISHINGS							-
OTHER							-
TOTAL COSTS	-	65,000	350,000	-	-	-	415,000
SOURCE OF FUNDS	Prior Appropriations	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
GENERAL FUND							-
WATER & SEWER FUND							-
BONDS							-
OTHER - TDOT							-
OTHER - Storm Water		65,000	350,000				415,000
TOTAL SOURCE	-	65,000	350,000	-	-	-	415,000

PROJECT SCHEDULE	START	FINISH
LAND/RIGHT OF WAY	n/a	n/a
DESIGN/ENGINEERING	9/18	12/18
UTILITY RELOCATION	8/20	12/20
CONSTRUCTION	8/20	12/20
TOTAL PROJECT	9/18	12/20

FY 2019 TOWN OF COLLIERVILLE CAPITAL INVESTMENT PROGRAM

RESPONSIBLE DEPARTMENT Development	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
Overall proposed scope 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 construction 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.



PROJECT COSTS	Prior Appropriations	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	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	901,000	773,000		12,388,000	-	-	14,062,000
SOURCE OF FUNDS	Prior Appropriations	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
GENERAL FUND	180,200	154,600		2,477,600			2,812,400
WATER & SEWER FUND							-
BONDS							-
OTHER - TDOT	720,800	618,400		9,910,400			11,249,600
OTHER -							-
TOTAL SOURCE	901,000	773,000		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	8/21	10/23
TOTAL PROJECT	6/18	10/23

FY 2019 TOWN OF COLLIERVILLE CAPITAL INVESTMENT PROGRAM

RESPONSIBLE DEPARTMENT Development	PROJECT TITLE SR 57 Widening Project (MPO)	PROJECT MANAGER Frank McPhail	ACCOUNT NO. 321-43120-931-201502
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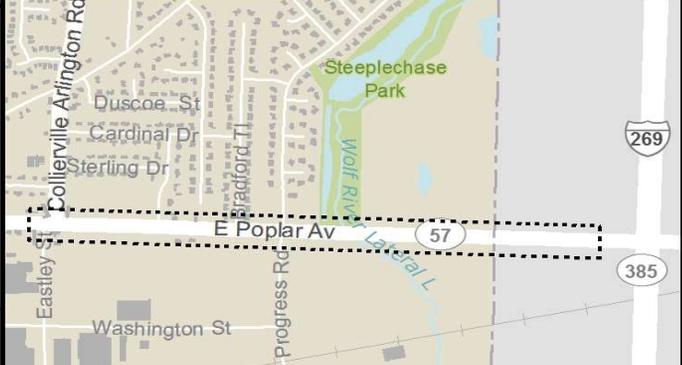
PROJECT DESCRIPTION
This phase of the SR 57 Widening Project will provide funding for appraisal services, legal fees and documents, purchasing ROW and easements. The project limits are from Eastley Street/Collierville-Arlington Rd to SR 385.

BACKGROUND/HISTORY
Currently, the environmental and design phases for this project are under way by The Pickering Firm, who will provide ROW plans, legal descriptions and documents. The ROW phase has 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 would fund the entire cost and then send TDOT pay requests for 80% reimbursement. TDOT has agreed to bid and construct this section of SR 57.

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 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
LAND/RIGHT OF WAY		2,268,000					2,268,000
DESIGN/ENGINEERING	937,500						937,500
UTILITY RELOCATION							-
CONSTRUCTION							-
LANDSCAPING							-
EQUIPMENT/FURNISHINGS							-
OTHER							-
TOTAL COSTS	937,500	2,268,000		-	-	-	3,205,500
SOURCE OF FUNDS	Prior Appropriations	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
GENERAL FUND	187,500	453,600					641,100
WATER & SEWER FUND							-
BONDS							-
OTHER - TDOT	750,000	1,814,400					2,564,400
OTHER -							-
TOTAL SOURCE	937,500	2,268,000		-	-	-	3,205,500



PROJECT SCHEDULE	START	FINISH
DESIGN/ENGINEERING	9/15	8/18
LAND/ROW	12/18	12/20
UTILITY RELOCATION	12/20	12/23
CONSTRUCTION	10/20	12/23
TOTAL PROJECT	9/15	12/23

FY 2019 TOWN OF COLLIERVILLE CAPITAL INVESTMENT PROGRAM

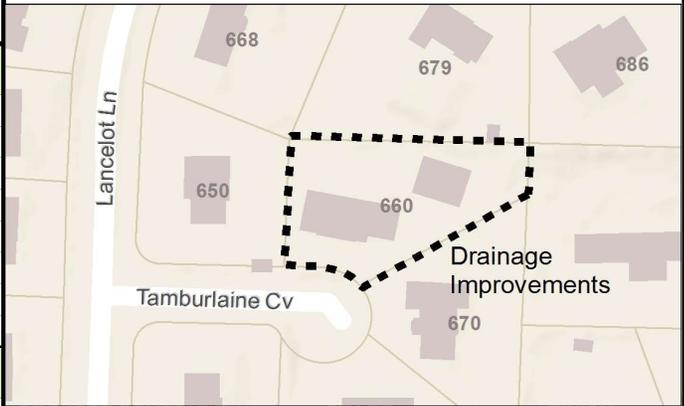
RESPONSIBLE DEPARTMENT Development - Engineering	PROJECT TITLE Tamburlaine Cove Drainage Improvements	PROJECT MANAGER Dale Perryman	ACCOUNT NO. 321-43120-934-201904
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PROJECT DESCRIPTION
 This project will improve the drainage system at 660 Tamburlaine Cove. The project consists of the installation of new drainage pipes, storm drainage inlets, and regrading of the yards around the inlets to divert water to them. We anticipate having to work with Public Works, MLG&W, AT&T, and Comcast to adjust utilities as necessary to avoid conflict with the drain pipes.

BACKGROUND/HISTORY
 At some point in the past a detached garage was constructed in a drainage swale diverting the water causing the house and attached garage to flood. Development upstream has caused runoff to increase adding to the flooding.

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

LOCATION MAP



PROJECT COSTS	Prior Appropriations	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	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 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
GENERAL FUND							-
WATER & SEWER FUND							-
BONDS							-
OTHER - TDOT							-
OTHER -	Storm Water	75,000					75,000
TOTAL SOURCE	-	75,000	-	-	-	-	75,000

PROJECT SCHEDULE	START	FINISH
LAND/RIGHT OF WAY	N/A	N/A
DESIGN/ENGINEERING	4/18	5/18
UTILITY RELOCATION	7/18	9/18
CONSTRUCTION	7/18	9/18
TOTAL PROJECT	4/18	9/18

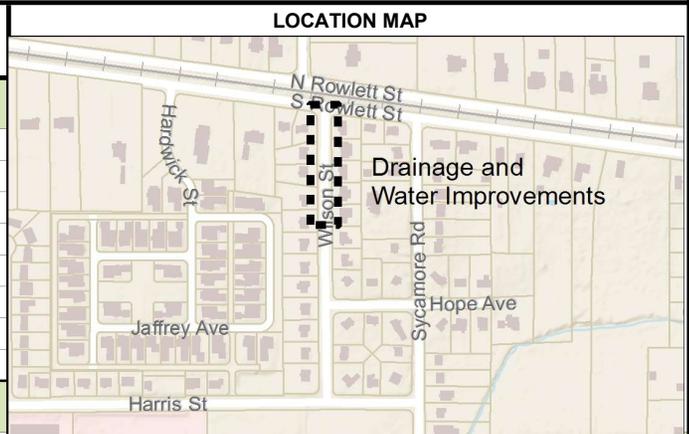
FY 2019 TOWN OF COLLIERVILLE CAPITAL INVESTMENT PROGRAM

RESPONSIBLE DEPARTMENT	PROJECT TITLE	PROJECT MANAGER	ACCOUNT NO.
Development - Engineering	Wilson Street Drainage and Water System Improvements	Dale Perryman	321-43120-934-201905

This project will connect approximately 350 feet of drainage pipe and drainage inlets to help reduce structural flooding for residents along Wilson Street. Some of the homes' finish floor elevations on Wilson Street are below the existing road. During heavy rain events water flows down the road, across the driveways and into garages causing structural flooding and property damage. This project will collect the water in yards and convey it to an existing drainage system in South Rowlett. This project will also consist of water system improvements. Also included in the project is 375 feet of 8" ductile iron water main, fire hydrants, and water service assemblies. This will replace an existing 6" asbestos cement (ACC) line. Engineering Staff anticipates 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
 Over time the road ditch on Wilson Street has silted in and filled in by property owners for maintenance reasons. By filling in the road ditch the water spreads out in the yards and enters into the garages of residents. The result is the water has no place to flow and it spreads out in the yards and garages causing damage.

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



PROJECT COSTS	Prior Appropriations	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
LAND/RIGHT OF WAY							-
DESIGN/ENGINEERING							-
UTILITY RELOCATION							-
CONSTRUCTION		115,000					115,000
LANDSCAPING							-
EQUIPMENT/FURNISHINGS							-
OTHER							-
TOTAL COSTS	-	115,000	-	-	-	-	115,000
SOURCE OF FUNDS	Prior Appropriations	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
GENERAL FUND							-
WATER & SEWER FUND		50,000					50,000
BONDS							-
OTHER - TDOT							-
OTHER - Storm Water		65,000					65,000
TOTAL SOURCE	-	115,000	-	-	-	-	115,000

PROJECT SCHEDULE	START	FINISH
LAND/RIGHT OF WAY	n/a	n/a
DESIGN/ENGINEERING	2/18	4/18
UTILITY RELOCATION	8/18	11/18
CONSTRUCTION	8/18	11/18
TOTAL PROJECT	2/18	11/18

FY 2019 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 18-19: 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.

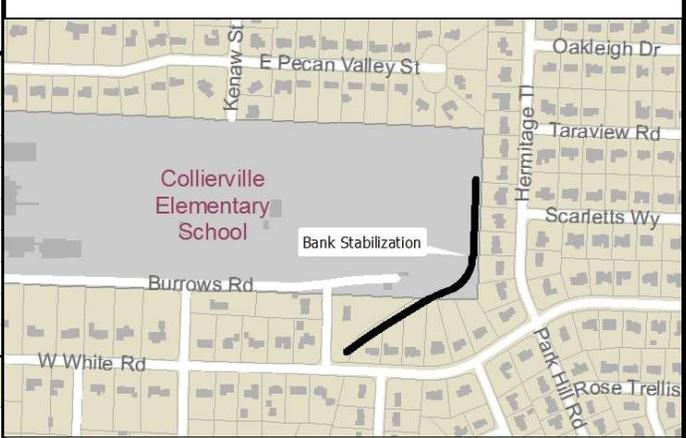
BACKGROUND/HISTORY

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 2019	FY 2020	FY 2021	FY 2022	FY 2023	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 2019	FY 2020	FY 2021	FY 2022	FY 2023	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



LAND/RIGHT OF WAY	N/A	N/A
DESIGN/ENGINEERING	8/18	2/19
UTILITY RELOCATION	9/18	2/19
CONSTRUCTION	3/20	6/20
TOTAL PROJECT	8/18	6/20

FY 2019 TOWN OF COLLIERVILLE CAPITAL INVESTMENT PROGRAM

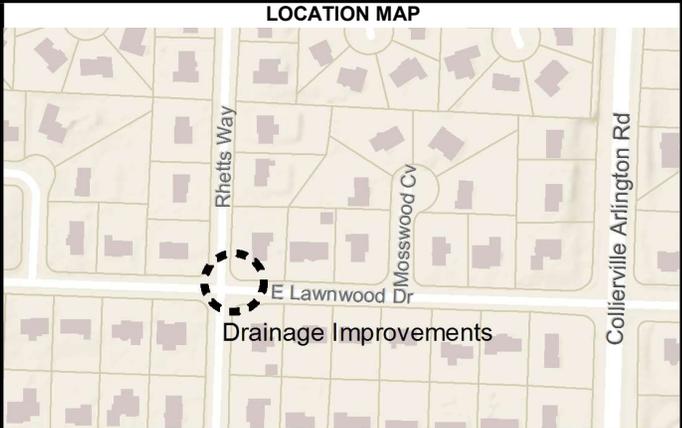
RESPONSIBLE DEPARTMENT Development - Engineering	PROJECT TITLE Lawnwood & Rhetts Way (Inlets & Study)	PROJECT MANAGER Dale Perryman	ACCOUNT NO.
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PROJECT DESCRIPTION
 This project will consist of a study and design of drainage improvements within the Lawnwood Section 'A' neighborhood. Five years ago the Town installed inlets and drainage pipes at the northeast corner of Lawnwood and Rhetts Way to help reduce flooding at the northeast corner of the intersection. While these improvements helped, flooding still occurs at the intersection and the house located at the northeast corner of the intersection. Before any additional work can be done, a more detailed study needs to be performed to ensure that a solution will not impact property downstream. Once the study is complete a design and scope can be developed for the recommended work.

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 burden 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

PROJECT COSTS	Prior Appropriations	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
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 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
GENERAL FUND							-
WATER & SEWER FUND							-
BONDS							-
OTHER - TDOT							-
OTHER - Storm Water		-	125,000				125,000
TOTAL SOURCE	-	-	125,000	-	-	-	125,000



PROJECT SCHEDULE	START	FINISH
LAND/RIGHT OF WAY	n/a	n/a
DESIGN/ENGINEERING	9/19	1/20
UTILITY RELOCATION	3/20	9/20
CONSTRUCTION	3/20	11/20
TOTAL PROJECT	1/09	11/20

FY 2019 TOWN OF COLLIERVILLE CAPITAL INVESTMENT PROGRAM

RESPONSIBLE DEPARTMENT Development - Engineering	PROJECT TITLE Sanders Creek Bank Stabilization	PROJECT MANAGER Dale Perryman	ACCOUNT NO.
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PROJECT DESCRIPTION
 FY 18-19: This will be the design phase of a grade control structure for Sanders Creek at the confluence of the Wolf River. The (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 19-20: 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 headcutting 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 18-19.
 FY 20-21: Phase 2 construction includes the installation of grade control structures and bank stabilization along Sanders Creek in the Wynbrooke Grove neighborhood area, including gabion baskets and erosion control mats to help prevent any future headcutting 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 were completed in 2012.

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 stormwater 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. Plans for the grade control structure will be completed in FY 18-19 where Sanders Creek empties into the Wolf River.

IMPACT ON OPERATING BUDGET

LOCATION MAP

PROJECT COSTS	Prior Appropriations	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	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 2019	FY 2020	FY 2021	FY 2022	FY 2023	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	N/A	N/A
DESIGN/ENGINEERING	12/18	4/19
UTILITY RELOCATION	N/A	N/A
CONSTRUCTION	4/20	9/20
TOTAL PROJECT	12/18	9/20

FY 2019 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, ROW documents.

BACKGROUND/HISTORY
Currently, Shelby Drive has a two lane rural cross section. The construction of the new high school will need 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



PROJECT COSTS	Prior Appropriations	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	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 2019	FY 2020	FY 2021	FY 2022	FY 2023	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 2019 TOWN OF COLLIERVILLE CAPITAL INVESTMENT PROGRAM

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

LOCATION MAP

PROJECT COSTS	Prior Appropriations	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	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 2019	FY 2020	FY 2021	FY 2022	FY 2023	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	4/19	6/19
DESIGN/ENGINEERING	8/19	12/19
UTILITY RELOCATION	N/A	N/A
CONSTRUCTION	4/20	9/20
TOTAL PROJECT	4/19	9/20

FY 2019 TOWN OF COLLIERVILLE CAPITAL INVESTMENT PROGRAM

RESPONSIBLE DEPARTMENT Development - Engineering	PROJECT TITLE Queen Oaks Bank Stabilization	PROJECT MANAGER Jason Walters	ACCOUNT NO.
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PROJECT DESCRIPTION
 This project is to help stabilize approximately 1,800 linear feet of stream banks of the Queen Oaks Ditch beginning at the end of Phase 1 Queen Oaks Detention Pond and ending at Powell Road. The scope of work for FY 2021 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, the detention facility, helped stabilize the banks for about eight lots along Rillbrook Drive along with reducing 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

PROJECT COSTS	Prior Appropriations	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	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 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
GENERAL FUND							-
WATER & SEWER FUND							-
BONDS							-
OTHER - TDOT							-
OTHER - Storm Water				80,000		700,000	780,000
TOTAL SOURCE	-	-	-	80,000	-	700,000	780,000

LOCATION MAP



PROJECT SCHEDULE	START	FINISH
LAND/RIGHT OF WAY	6/21	5/22
DESIGN/ENGINEERING	9/20	1/22
UTILITY RELOCATION	8/22	4/23
CONSTRUCTION	8/22	4/23
TOTAL PROJECT	9/20	4/23

FY 2019 TOWN OF COLLIERVILLE CAPITAL INVESTMENT PROGRAM

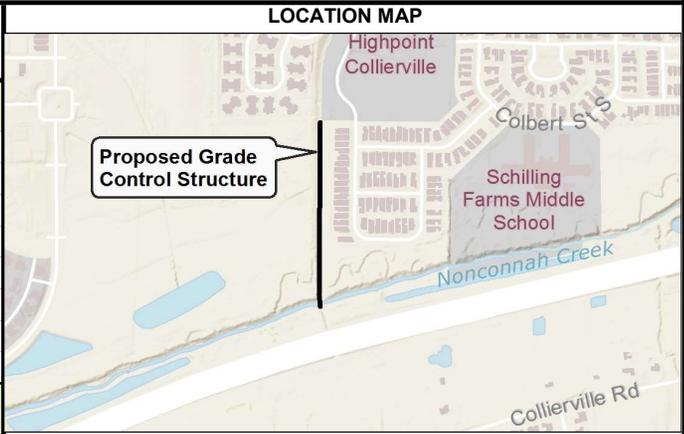
RESPONSIBLE DEPARTMENT Development - Engineering	PROJECT TITLE Schilling Ditch Tarren Mills (Design)	PROJECT MANAGER Dale Perryman	ACCOUNT NO.
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PROJECT DESCRIPTION
This project will consist of the construction of a Grade Control Structure for an unnamed tributary of Nonconnah Creek. The construction consist of surveying, design of sheet pile system, permitting, minor bank stabilization, and sheet piles.

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

PROJECT COSTS	Prior Appropriations	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	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 2019	FY 2020	FY 2021	FY 2022	FY 2023	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 2019								TOWN OF COLLIERVILLE CAPITAL INVESTMENT PROGRAM																																																																																																																																		
RESPONSIBLE DEPARTMENT		PROJECT TITLE			PROJECT MANAGER		ACCOUNT NO.																																																																																																																																			
Development - Engineering		South Rowlett Drainage Improvements			Dale Perryman																																																																																																																																					
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								LOCATION MAP																																																																																																																																		
<table border="1"> <thead> <tr> <th>PROJECT COSTS</th> <th>Prior Appropriations</th> <th>FY 2019</th> <th>FY 2020</th> <th>FY 2021</th> <th>FY 2022</th> <th>FY 2023</th> <th>TOTAL</th> </tr> </thead> <tbody> <tr> <td>LAND/RIGHT OF WAY</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>-</td> </tr> <tr> <td>DESIGN/ENGINEERING</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>-</td> </tr> <tr> <td>UTILITY RELOCATION</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>-</td> </tr> <tr> <td>CONSTRUCTION</td> <td></td> <td></td> <td></td> <td>85,000</td> <td></td> <td></td> <td>85,000</td> </tr> <tr> <td>LANDSCAPING</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>-</td> </tr> <tr> <td>EQUIPMENT/FURNISHINGS</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>-</td> </tr> <tr> <td>OTHER</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>-</td> </tr> <tr> <td>TOTAL COSTS</td> <td>-</td> <td>-</td> <td>-</td> <td>85,000</td> <td>-</td> <td>-</td> <td>85,000</td> </tr> <tr> <th>SOURCE OF FUNDS</th> <th>Prior Appropriations</th> <th>FY 2019</th> <th>FY 2020</th> <th>FY 2021</th> <th>FY 2022</th> <th>FY 2023</th> <th>TOTAL</th> </tr> <tr> <td>GENERAL FUND</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>-</td> </tr> <tr> <td>WATER & SEWER FUND</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>-</td> </tr> <tr> <td>BONDS</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>-</td> </tr> <tr> <td>OTHER - TDOT</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>-</td> </tr> <tr> <td>OTHER - Storm Water</td> <td></td> <td></td> <td></td> <td>85,000</td> <td></td> <td></td> <td>85,000</td> </tr> <tr> <td>TOTAL SOURCE</td> <td>-</td> <td>-</td> <td>-</td> <td>85,000</td> <td>-</td> <td>-</td> <td>85,000</td> </tr> </tbody> </table>								PROJECT COSTS	Prior Appropriations	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	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 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL	GENERAL FUND							-	WATER & SEWER FUND							-	BONDS							-	OTHER - TDOT							-	OTHER - Storm Water				85,000			85,000	TOTAL SOURCE	-	-	-	85,000	-	-	85,000			
PROJECT COSTS	Prior Appropriations	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL																																																																																																																																			
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								UTILITY RELOCATION	N/A	N/A																																																																																																																																
								CONSTRUCTION	3/21	6/21																																																																																																																																
								TOTAL PROJECT	9/20	6/21																																																																																																																																

FY 2019 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

PROJECT COSTS	Prior Appropriations	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	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 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
GENERAL FUND						350,000	350,000
WATER & SEWER FUND							-
BONDS							-
OTHER - TDOT							-
OTHER -							-
TOTAL SOURCE	-	-	-	-	-	350,000	350,000



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



FY 2019**PUBLIC SAFETY CIP SUMMARY**

	APPROVED FY 2019	PROJECTED FY 2020	PROJECTED FY 2021	PROJECTED FY 2022	PROJECTED FY 2023	TOTAL 5 YEAR CIP
PROJECT						
Public Safety						
Replacement Rescue/Pumper Truck	-	896,000	-	-	-	896,000
Fire Administration Expansion (2nd Floor)	-	-	100,000	-	-	100,000
Architectural/Engineering Design Services (Firehouse #6)	-	-	-	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
Total Public Safety CIP	-	896,000	100,000	1,174,000	4,802,000	6,972,000
Funding Sources						
Fire Facility Fees	-	-	100,000	150,000	-	250,000
Police Privilege Tax	-	-	-	-	-	-
General Fund Reserves	-	896,000	-	1,024,000	4,802,000	6,722,000
Total Funding Sources	-	896,000	100,000	1,174,000	4,802,000	6,972,000

FY 2019 TOWN OF COLLIERVILLE CAPITAL INVESTMENT PROGRAM

RESPONSIBLE DEPARTMENT Fire	PROJECT TITLE Replacement Rescue-Pumper (F-24)	PROJECT MANAGER Mark King	ACCOUNT NO.
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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 at the end of its shelf-life. F-24 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

LOCATION MAP

PROJECT COSTS	Prior Appropriations	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	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 2019	FY 2020	FY 2021	FY 2022	FY 2023	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 2019 TOWN OF COLLIERVILLE CAPITAL INVESTMENT PROGRAM

RESPONSIBLE DEPARTMENT Fire	PROJECT TITLE Fire Administration Expansion (2nd Floor)	PROJECT MANAGER Mark King	ACCOUNT NO.
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PROJECT DESCRIPTION
 This project requires contracting with a professional services firm to prepare construction drawings and specifications to build-out and finish approximately 1,918 Sq.ft of office space on the second floor of Fire Administration and contracting with a contractor for construction. The proposed project will allow the Fire Prevention Bureau, which includes five (5) staff positions to relocate to the second floor and will provided their staff with needed space for a plans review, plans storage, file storage, evidence storage, library and conference room). The vacated space on the first floor will provide office space with the (3) Battalion Chiefs, Training Officer, EMS Coordinator and additional staff positions scheduled over the next five years.

BACKGROUND/HISTORY
 Based upon a recent office and facilities needs assessment, it has become necessary to expand and build-out the second floor office space at Fire Administration. Fire Administration was constructed in 2008 and the second floor was designed as unfinished flexible floor space for future expansion and has approximately 1,918 Sq.ft. In anticipation of the expansion, the fire department, the expansion area already has many components roughed-in: plumbing to bathrooms, sprinkler system, fire alarm, condensation lines, some of the electrical, and the elevator shift/pit. The added work space will provide the Fire Prevention Bureau much needed space and will allow the Battalion Chiefs offices to be relocated to Fire Administration to allow the Chief of Operations to have more direct supervisor and project oversight with the three Battalion Chiefs.

IMPACT ON OPERATING BUDGET
 Increase utility cost by \$4,000

Fire Administration
1251 Peterson Lake (Peterson Lake at Shelton)

PROJECT COSTS	Prior Appropriations	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
LAND/RIGHT OF WAY							-
DESIGN/ENGINEERING				9,000			9,000
UTILITY RELOCATION							-
CONSTRUCTION				66,000			66,000
LANDSCAPING							-
EQUIPMENT/FURNISHINGS				25,000			25,000
OTHER							-
TOTAL COSTS	-	-	-	100,000	-	-	100,000



SOURCE OF FUNDS	Prior Appropriations	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
GENERAL FUND							-
WATER & SEWER FUND							-
BONDS							-
OTHER - TDOT							-
OTHER - Fire Protection Fee				100,000			100,000
TOTAL SOURCE	-	-	-	100,000	-	-	100,000

PROJECT SCHEDULE	START	FINISH
LAND/RIGHT OF WAY		
DESIGN/ENGINEERING	7/20	7/21
UTILITY RELOCATION		
CONSTRUCTION	2/21	7/21
TOTAL PROJECT	7/20	7/21

FY 2019 TOWN OF COLLIERVILLE CAPITAL INVESTMENT PROGRAM

RESPONSIBLE DEPARTMENT Fire	PROJECT TITLE Architectural/Engineering Design Services (Firehouse #6)	PROJECT MANAGER Mark King	ACCOUNT NO.
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PROJECT DESCRIPTION
 Architectural/Engineering Design Services for Firehouse #6 (Shelby Drive at Sycamore); the scope of the project includes:
 • 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
N/A

Across From New Collierville High School Campus

PROJECT COSTS	Prior Appropriations	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	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 2019	FY 2020	FY 2021	FY 2022	FY 2023	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 2019 TOWN OF COLLIERVILLE CAPITAL INVESTMENT PROGRAM

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

LOCATION MAP

PROJECT COSTS	Prior Appropriations	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	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 2019	FY 2020	FY 2021	FY 2022	FY 2023	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 2019 TOWN OF COLLIERVILLE CAPITAL INVESTMENT PROGRAM

RESPONSIBLE DEPARTMENT Fire	PROJECT TITLE Ladder Truck; Firehouse #6	PROJECT MANAGER Mark King	ACCOUNT NO.
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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.

IMPACT ON OPERATING BUDGET
 Increase fuel, preventative maintenance and testing cost \$4,000

LOCATION MAP

PROJECT COSTS	Prior Appropriations	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	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 2019	FY 2020	FY 2021	FY 2022	FY 2023	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 2019 TOWN OF COLLIERVILLE CAPITAL INVESTMENT PROGRAM

RESPONSIBLE DEPARTMENT Fire	PROJECT TITLE Facility Construction; Firehouse #6	PROJECT MANAGER Mark King	ACCOUNT NO.
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PROJECT DESCRIPTION

- 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

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
Increase fuel, preventative maintenance and testing cost \$4,000

LOCATION MAP



PROJECT COSTS	Prior Appropriations	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	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 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
GENERAL FUND					-	3,300,000	3,300,000
WATER & SEWER FUND							-
BONDS							-
OTHER - TDOT							-
OTHER -							-
TOTAL SOURCE	-	-		-	-	3,300,000	3,300,000

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 2019**PARKS AND RECREATION CIP SUMMARY**

PROJECT	APPROVED FY 2019	PROJECTED FY 2020	PROJECTED FY 2021	PROJECTED FY 2022	PROJECTED FY 2023	TOTAL 5 YEAR CIP
Parks & Recreation						
H.W. Cox Tennis Complex - Lighting Renovations	50,000	-	-	-	-	50,000
Playground Surface Renovations	50,000	-	125,000	125,000	-	300,000
Suggs Park Improvements	200,000	-	-	125,000	-	325,000
W.C.Johnson Sand Volleyball Courts	80,000	-	-	-	-	80,000
Hinton Park - Playground & Performance Lawn	-	500,000	-	-	-	500,000
Greenbelt System Overlay	-	-	200,000	500,000	-	700,000
Hinton Park - Parking Lot Expansion	-	-	300,000	-	-	300,000
Spray Park Resurfacing - W.C. Johnson & Suggs	-	-	125,000	-	-	125,000
Multi-Purpose Athletic Field - Cricket	-	-	-	-	300,000	300,000
W.C. Johnson Turf Replacement - Multi-Purpose Field	-	-	-	-	400,000	400,000
W.T. Price Park - Trailhead Parking Lot	-	-	-	-	50,000	50,000
Total Parks & Recreation CIP	380,000	500,000	750,000	750,000	750,000	3,130,000
Funding Sources						
Parks Improvement Funds	380,000	500,000	750,000	750,000	750,000	3,130,000
Total Funding Sources	380,000	500,000	750,000	750,000	750,000	3,130,000

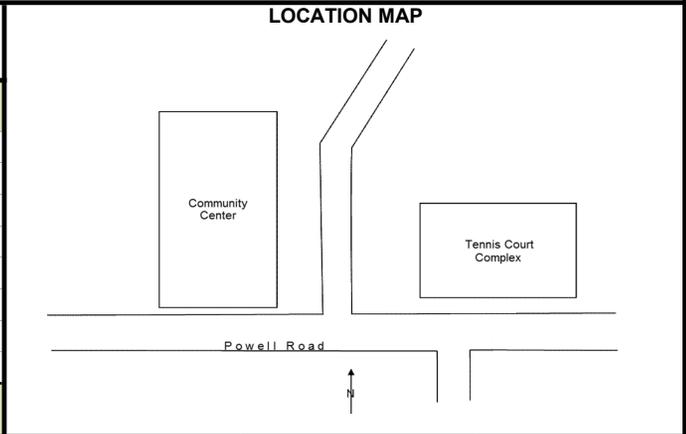
FY 2019 TOWN OF COLLIERVILLE CAPITAL INVESTMENT PROGRAM

RESPONSIBLE DEPARTMENT Parks and Recreation	PROJECT TITLE H.W. Cox Tennis Complex - Lighting Renovations	PROJECT MANAGER Greg Clark	ACCOUNT NO. 321-44400-937-201901
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PROJECT DESCRIPTION
 This project consists of the purchase and installation of a new LED athletic tennis lighting system with automated control features and no-spill lighting fixtures for courts #1 - #4 at the H.W. Cox Tennis Complex & the two (2) Frank Road Tennis Courts, 16 poles and 32 fixtures.

BACKGROUND/HISTORY
 The original four tennis courts at H.W. Cox were built in the 1980's. The existing lighting system was installed when the original courts were constructed and includes a basic 1,500 watt metal halide lighting system. Courts #5 & #6 were constructed in 2008 and include a new state-of-the-art tennis lighting system featuring automated control features and no-spill lighting fixtures.

IMPACT ON OPERATING BUDGET
 Reduction in maintenance and utility costs of approximately \$3,000 per year.



PROJECT COSTS	Prior Appropriations	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
LAND/RIGHT OF WAY							
DESIGN/ENGINEERING							
UTILITY RELOCATION							
CONSTRUCTION							
LANDSCAPING							
EQUIPMENT/FURNISHINGS		50,000					
OTHER							
TOTAL COSTS	-	50,000					50,000

SOURCE OF FUNDS	Prior Appropriations	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
GENERAL FUND							-
WATER & SEWER FUND							-
BONDS							-
OTHER - TDOT							-
OTHER - Park Improvement Funds		50,000					50,000
TOTAL SOURCE	-	50,000	-	-	-	-	50,000

PROJECT SCHEDULE	START	FINISH
LAND/RIGHT OF WAY		
DESIGN/ENGINEERING		
UTILITY RELOCATION		
CONSTRUCTION	11/18	12/18
TOTAL PROJECT	11/18	12/18

FY 2019								TOWN OF COLLIERVILLE CAPITAL INVESTMENT PROGRAM		
RESPONSIBLE DEPARTMENT		PROJECT TITLE				PROJECT MANAGER		ACCOUNT NO.		
General Services		Playground Surface Renovation				Derek Honeycutt		321-44400-937-201601		
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.										
2019 Ryan's Hope at W.C. Johnson Park was installed in 2007. Deterioration of the current poured-in-place safety surface requires removal of the entire existing rubber surface and install a new 3-1/2 inch poured-in-place safety 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								LOCATION MAP		
None. Routine Maintenance.								Multiple Locations		
PROJECT COSTS	Prior Appropriations	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL			
LAND/RIGHT OF WAY							-			
DESIGN/ENGINEERING							-			
UTILITY RELOCATION							-			
CONSTRUCTION	150,000	50,000		125,000	125,000		450,000			
LANDSCAPING							-			
EQUIPMENT/FURNISHINGS							-			
OTHER							-			
TOTAL COSTS	150,000	50,000	-	125,000	125,000	-	450,000			
SOURCE OF FUNDS	Prior Appropriations	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL	PROJECT SCHEDULE	START	FINISH
GENERAL FUND							-	LAND/RIGHT OF WAY		
WATER & SEWER FUND							-	DESIGN/ENGINEERING		
BONDS							-	UTILITY RELOCATION		
OTHER - TDOT							-	CONSTRUCTION	9/19	11/19
OTHER - Park Improvement Fund	150,000	50,000		125,000	125,000		450,000	TOTAL PROJECT	9/19	11/19
TOTAL SOURCE	150,000	50,000	-	125,000	125,000	-	450,000			

FY 2019 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 involves the construction of new walking trail, eliminating ballfield #2 (upper field) and expanding the off-leash into that area, ballfield renovations on field #1 to include grading, irrigation and new fencing. 2019 - Walking trail, off-leash area expansion; 2022 - Ballfield Improvements

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 2019	FY 2020	FY 2021	FY 2022	FY 2023	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 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
GENERAL FUND							-
WATER & SEWER FUND							-
BONDS							-
OTHER - TDOT							-
OTHER - Park Improvement Fund		200,000			125,000		325,000
TOTAL SOURCE	-	200,000	-	-	125,000	-	325,000

PROJECT SCHEDULE	START	FINISH
LAND/RIGHT OF WAY	N/A	N/A
DESIGN/ENGINEERING	8/18	10/18
UTILITY RELOCATION	N/A	N/A
CONSTRUCTION	1/19	1/22
TOTAL PROJECT	8/18	1/22

FY 2019 TOWN OF COLLIERVILLE CAPITAL INVESTMENT PROGRAM

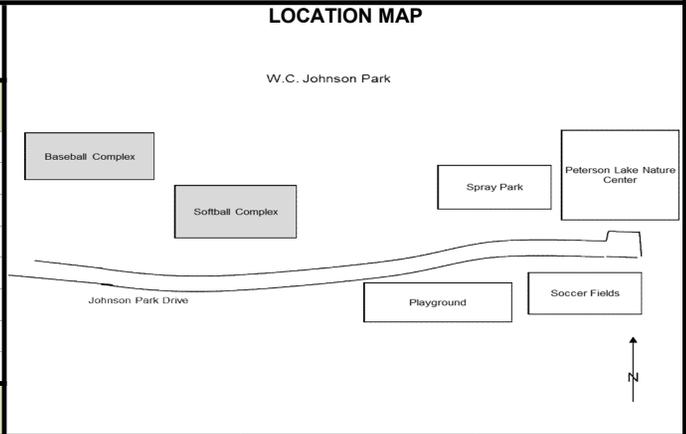
RESPONSIBLE DEPARTMENT Parks and Recreation	PROJECT TITLE W.C. Johnson - Sand Volleyball Courts	PROJECT MANAGER Greg Clark	ACCOUNT NO. 321-44400-937-201903
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PROJECT DESCRIPTION
 This project includes the construction of two (2) competition sand volleyball courts at WC Johnson Park. Components of the project include design, underground drainage system, construction of the two (2) sand courts, concrete bleacher pads, sidewalk connections to existing parking area as well as the required volleyball equipment - nets, bollards, benches, and shade awning. This project does not include athletic lighting for the proposed two (2) new courts.

BACKGROUND/HISTORY
 WC Johnson Park is the Collierville Park System's largest community park and contains nine (9) baseball & softball fields, two (2) multipurpose athletic fields, three (3) restroom/concession building, five (5) lakes, playground, splashpad, over 3 miles of greenbelt trails, and two (2) greenbelt trailhead parking areas. The park was opened in 1994 and expanded in 2004 with the addition of 55 park acres on the west side of the park.

IMPACT ON OPERATING BUDGET
 Reduction in maintenance hours for installation and take-down of temporary fencing

PROJECT COSTS	Prior Appropriations	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
LAND/RIGHT OF WAY							-
DESIGN/ENGINEERING							-
UTILITY RELOCATION							-
CONSTRUCTION		80,000					80,000
LANDSCAPING							-
EQUIPMENT/FURNISHINGS							-
OTHER							-
TOTAL COSTS	-	80,000	-	-	-	-	80,000
SOURCE OF FUNDS	Prior Appropriations	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
GENERAL FUND							-
WATER & SEWER FUND							-
BONDS							-
OTHER - TDOT							-
OTHER - Park Improvement Fund		80,000					80,000
TOTAL SOURCE	-	80,000	-	-	-	-	80,000



PROJECT SCHEDULE	START	FINISH
LAND/RIGHT OF WAY	N/A	N/A
DESIGN/ENGINEERING	8/18	10/18
UTILITY RELOCATION	N/A	N/A
CONSTRUCTION	1/19	3/19
TOTAL PROJECT	8/18	3/19

FY 2019 TOWN OF COLLIERVILLE CAPITAL INVESTMENT PROGRAM

RESPONSIBLE DEPARTMENT Parks and Recreation	PROJECT TITLE Hinton Park - Playground (Phase II) and Performance Lawn	PROJECT MANAGER Greg Clark	ACCOUNT NO.
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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, several picnic shade structures.
 FY 2020 - Treehouse Playground, Performance Lawn Stage, Disc Golf Course Expansion

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.

PROJECT COSTS	Prior Appropriations	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	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 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
GENERAL FUND							-
WATER & SEWER FUND							-
BONDS							-
OTHER - TDOT							-
OTHER - Park Improvement Fund			500,000				500,000
TOTAL SOURCE	-	-	500,000	-	-	-	500,000

LOCATION MAP

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 2019 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 COSTS	Prior Appropriations	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	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 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL	PROJECT SCHEDULE	START	FINISH
GENERAL FUND							-	LAND/RIGHT OF WAY		
WATER & SEWER FUND							-	DESIGN/ENGINEERING		
BONDS							-	UTILITY RELOCATION		
OTHER - TDOT							-	CONSTRUCTION	3/21	6/21
OTHER - Park Improvement Fund				200,000	500,000		700,000	TOTAL PROJECT	3/21	6/21
TOTAL SOURCE	-	-	-	200,000	500,000	-	700,000			

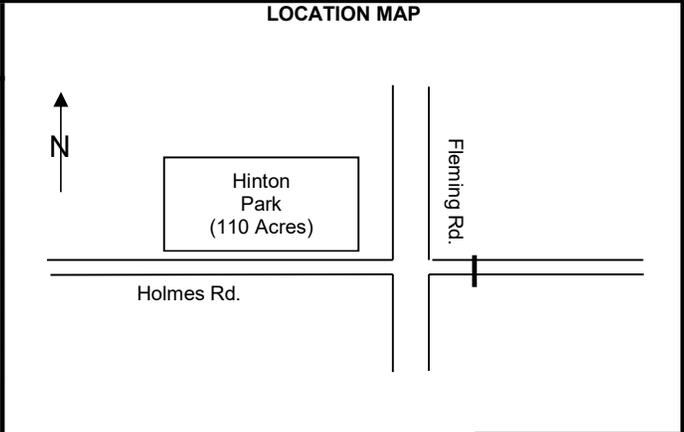
FY 2019 TOWN OF COLLIERVILLE CAPITAL INVESTMENT PROGRAM

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.



PROJECT COSTS	Prior Appropriations	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	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 2019	FY 2020	FY 2021	FY 2022	FY 2023	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	8/20	10/20
UTILITY RELOCATION		
CONSTRUCTION	2/21	4/21
TOTAL PROJECT	8/20	4/21

FY 2019 TOWN OF COLLIERVILLE CAPITAL INVESTMENT PROGRAM

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

PROJECT COSTS	Prior Appropriations	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
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 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
GENERAL FUND							-
WATER & SEWER FUND							-
BONDS							-
OTHER - TDOT							-
OTHER - Park Improvement Fund				125,000			125,000
TOTAL SOURCE	-	-	-	125,000	-	-	125,000

Multiple Locations

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

FY 2019 TOWN OF COLLIERVILLE CAPITAL INVESTMENT PROGRAM

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 and athletic lights.

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								LOCATION MAP																	
PROJECT COSTS	Prior Appropriations	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL	To Be Determined																	
LAND/RIGHT OF WAY							-				To Be Determined														
DESIGN/ENGINEERING						15,000	15,000							To Be Determined											
UTILITY RELOCATION							-										To Be Determined								
CONSTRUCTION						285,000	285,000													To Be Determined					
LANDSCAPING							-																To Be Determined		
EQUIPMENT/FURNISHINGS							-																		
OTHER							-	To Be Determined																	
TOTAL COSTS	-	-	-	-	-	300,000	300,000				To Be Determined														
SOURCE OF FUNDS	Prior Appropriations	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	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 2019 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. 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 manufacture'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 manor of athletic teams and individuals.

IMPACT ON OPERATING BUDGET

LOCATION MAP

PROJECT COSTS	Prior Appropriations	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	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 2019	FY 2020	FY 2021	FY 2022	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 2019 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.

PROJECT COSTS	Prior Appropriations	FY 2020	FY 2021	FY 2022	FY 2023	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	TOTAL
GENERAL FUND						-
WATER & SEWER FUND						-
BONDS						-
OTHER - TDOT						-
OTHER -\$.10 Park Improvement Fund					50,000	50,000
TOTAL SOURCE	-	-	-	-	50,000	50,000

LOCATION MAP

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

FY 2019**PUBLIC SERVICES CIP SUMMARY**

	PROJECTED FY 2019	PROJECTED FY 2020	PROJECTED FY 2021	PROJECTED FY 2022	PROJECTED FY 2023	TOTAL 5 YEAR CIP
PROJECT						
Public Services						
Equipment - Automated Garbage Truck	290,000	-	297,000	303,000	309,000	1,199,000
Equipment - Automated Leaf Machine	185,000	-	195,000	-	-	380,000
Equipment - Road Tractor	138,000	-	-	-	-	138,000
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 - 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	613,000	622,000	752,000	684,000	508,000	3,179,000
Funding Sources						
Sanitation Fund	613,000	622,000	752,000	684,000	508,000	3,179,000
Total Funding Sources	613,000	622,000	752,000	684,000	508,000	3,179,000

FY 2019								TOWN OF COLLIERVILLE CAPITAL INVESTMENT PROGRAM				
RESPONSIBLE DEPARTMENT		PROJECT TITLE				PROJECT MANAGER		ACCOUNT NO.				
Public Services		Equipment - Automated Garbage Truck				John Fox		125-43200-944-1				
PROJECT DESCRIPTION												
Purchase a replacement Automated Garbage Truck in FY19, FY21, FY22 and FY23												
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 Towns customers. Based on Town growth the number of customers serviced is expected to increase from 15,200 customers in FY18 to 16,200 customers in FY23. These replacements will allow the Sanitation Division to replace it's 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: FY19 - Unit#448 (2002/16yrs), FY21 - Unit#426 (1995/26yrs), FY22 - Unit#414 (1995/27yrs), FY23 - Unit#420 (1998/25yrs).												
IMPACT ON OPERATING BUDGET								LOCATION MAP				
None - Replacement Equipment												
PROJECT COSTS		Prior Appropriations	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL				
LAND/RIGHT OF WAY								-				
DESIGN/ENGINEERING								-				
UTILITY RELOCATION								-				
CONSTRUCTION								-				
LANDSCAPING								-				
EQUIPMENT/FURNISHINGS			290,000		297,000	303,000	309,000	1,199,000				
OTHER								-				
TOTAL COSTS		-	290,000	-	297,000	303,000	309,000	1,199,000				
SOURCE OF FUNDS		Prior Appropriations	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL				
GENERAL FUND								-				
WATER & SEWER FUND								-				
BONDS								-				
OTHER - TDOT								-				
OTHER - Sanitation Fund			290,000		297,000	303,000	309,000	1,199,000				
TOTAL SOURCE		-	290,000	-	297,000	303,000	309,000	1,199,000				
								PROJECT SCHEDULE	START	FINISH		
								LAND/RIGHT OF WAY				
								DESIGN/ENGINEERING				
								UTILITY RELOCATION				
								CONSTRUCTION	7/18	6/23		
TOTAL PROJECT									7/18	6/23		

FY 2019	TOWN OF COLLIERVILLE CAPITAL INVESTMENT PROGRAM		
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RESPONSIBLE DEPARTMENT Public Services	PROJECT TITLE Equipment - Automated Leaf Machine	PROJECT MANAGER John Fox	ACCOUNT NO. 125-43200-944-1
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PROJECT DESCRIPTION
Purchase a replacement automated leaf machine in FY19 and in FY21.

BACKGROUND/HISTORY
This purchase will be for an automated leaf machine. This leaf machine will replace Unit #432 a 2001 model trailered unit that will be 18 years old at it's time of replacement. Based on the most recent automated leaf machine purchased in 2016, 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. A replacement automated leaf machine will also be purchase in FY21 this leaf machine will replace Unit #415 a 2003 model trailered unit that will be 18 years old at it's time of replacement.

IMPACT ON OPERATING BUDGET
None - Replacement Equipment

LOCATION MAP

PROJECT COSTS	Prior Appropriations	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
LAND/RIGHT OF WAY							-
DESIGN/ENGINEERING							-
UTILITY RELOCATION							-
CONSTRUCTION							-
LANDSCAPING							-
EQUIPMENT/FURNISHINGS		185,000		195,000			380,000
OTHER							-
TOTAL COSTS	-	185,000	-	195,000	-	-	380,000
SOURCE OF FUNDS	Prior Appropriations	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
GENERAL FUND							-
WATER & SEWER FUND							-
BONDS							-
OTHER - TDOT							-
OTHER - Sanitation Fund		185,000		195,000			380,000
TOTAL SOURCE	-	185,000	-	195,000	-	-	380,000

PROJECT SCHEDULE	START	FINISH
LAND/RIGHT OF WAY		
DESIGN/ENGINEERING		
UTILITY RELOCATION		
CONSTRUCTION	7/18	6/21
TOTAL PROJECT	7/18	6/21

FY 2019	TOWN OF COLLIERVILLE CAPITAL INVESTMENT PROGRAM
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RESPONSIBLE DEPARTMENT Public Services	PROJECT TITLE Equipment - Road Tractor	PROJECT MANAGER John Fox	ACCOUNT NO. 125-43200-944-1
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PROJECT DESCRIPTION
Purchase of a replacement Road Tractor.

BACKGROUND/HISTORY
Household garbage is collected by automated garbage trucks. These trucks empty at the Town's transfer station on South Street. The garbage is then hauled to a landfill in Walnut, MS by tractor trailers. Four loads are sent to the landfill daily. This requires three tractors. Currently, the Solid Waste Collection Division has four road tractors in its fleet. The truck will replace Unit #417 a 1996 model truck that will be 23 years old at replacement.

IMPACT ON OPERATING BUDGET None - Replacement Equipment	LOCATION MAP
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PROJECT COSTS	Prior Appropriations	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
LAND/RIGHT OF WAY							-
DESIGN/ENGINEERING							-
UTILITY RELOCATION							-
CONSTRUCTION							-
LANDSCAPING							-
EQUIPMENT/FURNISHINGS		138,000					138,000
OTHER							-
TOTAL COSTS	-	138,000	-	-	-	-	138,000
SOURCE OF FUNDS	Prior Appropriations	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
GENERAL FUND							-
WATER & SEWER FUND							-
BONDS							-
OTHER - TDOT							-
OTHER - Sanitation Fund		138,000					138,000
TOTAL SOURCE	-	138,000	-	-	-	-	138,000

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

FY 2019 TOWN OF COLLIERVILLE CAPITAL INVESTMENT PROGRAM

RESPONSIBLE DEPARTMENT Public Services	PROJECT TITLE Equipment - Brush Truck	PROJECT MANAGER John Fox	ACCOUNT NO.
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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 22 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 2019	FY 2020	FY 2021	FY 2022	FY 2023	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 2019	FY 2020	FY 2021	FY 2022	FY 2023	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 2019	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.
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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
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PROJECT COSTS	Prior Appropriations	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	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 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL	PROJECT SCHEDULE	START	FINISH
GENERAL FUND							-	LAND/RIGHT OF WAY		
WATER & SEWER FUND							-	DESIGN/ENGINEERING		
BONDS							-	UTILITY RELOCATION		
OTHER - TDOT							-	CONSTRUCTION	7/19	6/20
OTHER - Sanitation Fund			182,000				182,000	TOTAL PROJECT	7/19	6/20
TOTAL SOURCE	-	-	182,000	-	-	-	182,000			

FY 2019	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.
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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 2019	FY 2020	FY 2021	FY 2022	FY 2023	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 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL	PROJECT SCHEDULE	START	FINISH
GENERAL FUND							-	LAND/RIGHT OF WAY		
WATER & SEWER FUND							-	DESIGN/ENGINEERING		
BONDS							-	UTILITY RELOCATION		
OTHER - TDOT							-	CONSTRUCTION	7/19	6/20
OTHER - Sanitation Fund			100,000				100,000	TOTAL PROJECT	7/19	6/20
TOTAL SOURCE	-	-	100,000	-	-	-	100,000			

FY 2019 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 2020.

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 25 years old at the time of replacement.

IMPACT ON OPERATING BUDGET
None - replacement equipment.

LOCATION MAP

PROJECT COSTS	Prior Appropriations	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	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 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL	PROJECT SCHEDULE	START	FINISH
GENERAL FUND			125,000				125,000	LAND/RIGHT OF WAY		
WATER & SEWER FUND							-	DESIGN/ENGINEERING		
BONDS							-	UTILITY RELOCATION		
OTHER - TDOT							-	CONSTRUCTION	7/19	6/20
OTHER -							-	TOTAL PROJECT	7/19	6/20
TOTAL SOURCE	-	-	125,000	-	-	-	125,000			

FY 2019 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 2019	FY 2020	FY 2021	FY 2022	FY 2023	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 2019	FY 2020	FY 2021	FY 2022	FY 2023	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	7/19	6/20
TOTAL PROJECT	7/19	6/20

FY 2019 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 new track excavator budgeted in FY21. This trailer will transport the new track excavator from the Public Service Department facility to various job sites on a weekly basis.

IMPACT ON OPERATING BUDGET
None - replacement equipment.

LOCATION MAP

PROJECT COSTS	Prior Appropriations	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	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 2019	FY 2020	FY 2021	FY 2022	FY 2023	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	7/20	6/21
TOTAL PROJECT	7/20	6/21

FY 2019	TOWN OF COLLIERVILLE CAPITAL INVESTMENT PROGRAM
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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 it's 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.	LOCATION MAP
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PROJECT COSTS	Prior Appropriations	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	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 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL	PROJECT SCHEDULE	START	FINISH
GENERAL FUND				210,000			210,000	LAND/RIGHT OF WAY		
WATER & SEWER FUND							-	DESIGN/ENGINEERING		
BONDS							-	UTILITY RELOCATION		
OTHER - TDOT							-	CONSTRUCTION	7/20	6/21
OTHER -							-	TOTAL PROJECT	7/20	6/21
TOTAL SOURCE	-	-	-	210,000	-	-	210,000			

FY 2019 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 the Wheel Loaders is 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 15 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.

LOCATION MAP

PROJECT COSTS	Prior Appropriations	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	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 2019	FY 2020	FY 2021	FY 2022	FY 2023	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	7/21	6/22
TOTAL PROJECT	7/21	6/22

FY 2019 TOWN OF COLLIERVILLE CAPITAL INVESTMENT PROGRAM

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.

LOCATION MAP

PROJECT COSTS	Prior Appropriations	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
LAND/RIGHT OF WAY							-
DESIGN/ENGINEERING							-
UTILITY RELOCATION							-
CONSTRUCTION							-
LANDSCAPING							-
EQUIPMENT/FURNISHINGS					70,000		70,000
OTHER							-
TOTAL COSTS	-	-	-	-	70,000	-	70,000

Location to be determined.

SOURCE OF FUNDS	Prior Appropriations	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	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	7/21	6/22
TOTAL PROJECT	7/21	6/22

FY 2019 TOWN OF COLLIERVILLE CAPITAL INVESTMENT PROGRAM

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.



PROJECT COSTS	Prior Appropriations	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	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 2019	FY 2020	FY 2021	FY 2022	FY 2023	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	7/22	6/23
TOTAL PROJECT	7/22	6/23

FY 2019**PUBLIC UTILITIES CIP SUMMARY**

	PROJECTED	PROJECTED	PROJECTED	PROJECTED	PROJECTED	TOTAL
	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	5 YEAR CIP
PROJECT						
Public Services						
Sewer Improvements - Cured in Place Pipe (CIPP)	500,000	-	-	-	-	500,000
Shelton Rd. WWTP Solids Expansion	300,000	2,300,000	-	-	-	2,600,000
South Street / Mills Street Waterlines	400,000	-	-	-	-	400,000
Water Distribution System Improvements	-	800,000	600,000	600,000	600,000	2,600,000
Sewer System Improvements	-	300,000	300,000	-	300,000	900,000
Total Public Utilities CIP	1,200,000	3,400,000	900,000	600,000	900,000	7,000,000
Funding Sources						
W&S Reserves	1,200,000	3,400,000	900,000	600,000	900,000	7,000,000

FY 2019 TOWN OF COLLIERVILLE CAPITAL INVESTMENT PROGRAM

RESPONSIBLE DEPARTMENT Public Utilities	PROJECT TITLE Cured in Place Pipe (CIPP) - Sewer Improvements	PROJECT MANAGER Clay Holabird	ACCOUNT NO. 413-16513-201901
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PROJECT DESCRIPTION
 This project is a plan to replace old sewer lines with new lines using cured in place pipe (CIPP). CIPP is a new pipe formed inside the old pipe and requires no digging. Old sewers on Peterson Lake, Homeville Rd., South Rowlett, and other streets will be replaced. Approximately 18,000 feet of various sized sewers will be replaced.

BACKGROUND/HISTORY
 Maintenance of the collection system and preventing overflows was part of the Town's agreement with TDEC.

IMPACT ON OPERATING BUDGET
 None

LOCATION MAP		
Varied Locations		
PROJECT SCHEDULE	START	FINISH
LAND/RIGHT OF WAY		
DESIGN/ENGINEERING	9/18	8/23
UTILITY RELOCATION		
CONSTRUCTION	4/19	8/23
TOTAL PROJECT	9/18	8/23

PROJECT COSTS	Prior Appropriations	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
LAND/RIGHT OF WAY							-
DESIGN/ENGINEERING							-
UTILITY RELOCATION							-
CONSTRUCTION		500,000					500,000
LANDSCAPING							-
EQUIPMENT/FURNISHINGS							-
OTHER							-
TOTAL COSTS	-	500,000	-	-	-	-	500,000
SOURCE OF FUNDS	Prior Appropriations	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
GENERAL FUND							-
WATER & SEWER FUND		500,000					500,000
BONDS							-
OTHER - TDOT							-
OTHER -							-
TOTAL SOURCE	-	500,000	-	-	-	-	500,000

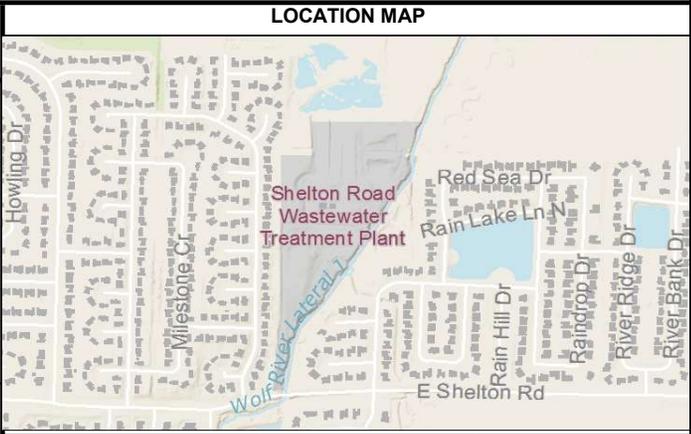
FY 2019 TOWN OF COLLIERVILLE CAPITAL INVESTMENT PROGRAM

RESPONSIBLE DEPARTMENT Public Utilities	PROJECT TITLE Shelton Road WWTP Solids Expansion	PROJECT MANAGER Clay Holabird	ACCOUNT NO. 413-16513-201801
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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 will start in fiscal year 2018-2019. Subsequent phases will include the construction of the most efficient solids handling system based on the methods evaluated.

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
 To be determine in the first phase of the project.



PROJECT COSTS	Prior Appropriations	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
LAND/RIGHT OF WAY							-
DESIGN/ENGINEERING	55,000	300,000					355,000
UTILITY RELOCATION							-
CONSTRUCTION			2,300,000				2,300,000
LANDSCAPING							-
EQUIPMENT/FURNISHINGS							-
OTHER							-
TOTAL COSTS	55,000	300,000	2,300,000	-	-	-	2,655,000
SOURCE OF FUNDS	Prior Appropriations	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
GENERAL FUND							-
WATER & SEWER FUND	55,000	300,000	2,300,000				2,655,000
BONDS							-
OTHER - TDOT							-
OTHER -							-
TOTAL SOURCE	55,000	300,000	2,300,000	-	-	-	2,655,000

PROJECT SCHEDULE	START	FINISH
LAND/RIGHT OF WAY		
DESIGN/ENGINEERING	11/17	10/20
UTILITY RELOCATION		
CONSTRUCTION	10/19	10/20
TOTAL PROJECT	11/17	10/20

FY 2019 TOWN OF COLLIERVILLE CAPITAL INVESTMENT PROGRAM

RESPONSIBLE DEPARTMENT Public Utilities	PROJECT TITLE South Street / Mills Street Waterline	PROJECT MANAGER Clay Holabird	ACCOUNT NO. 413-16512-201901
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PROJECT DESCRIPTION
 With this project, old 6" asbestos cement (AC) water lines will be replaced with 8" ductile iron (DI) lines and all new public house services will be installed on South St. (Center to Sycamore) and on Mills St. (South St. to South Rowlett). This project also includes plans to replace the old 6" AC water line on South Rowlett from Main St to Byhalia.

BACKGROUND/HISTORY
 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
 None

LOCATION MAP

PROJECT COSTS	Prior Appropriations	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
LAND/RIGHT OF WAY							-
DESIGN/ENGINEERING		40,000					40,000
UTILITY RELOCATION							-
CONSTRUCTION		360,000					360,000
LANDSCAPING							-
EQUIPMENT/FURNISHINGS							-
OTHER							-
TOTAL COSTS	-	400,000	-	-	-	-	400,000

Varied Locations

SOURCE OF FUNDS	Prior Appropriations	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
GENERAL FUND							-
WATER & SEWER FUND		400,000					400,000
BONDS							-
OTHER - TDOT							-
OTHER -							-
TOTAL SOURCE	-	400,000	-	-	-	-	400,000

PROJECT SCHEDULE	START	FINISH
LAND/RIGHT OF WAY		
DESIGN/ENGINEERING	10/18	6/23
UTILITY RELOCATION		
CONSTRUCTION	3/19	6/23
TOTAL PROJECT	10/18	6/23

FY 2019 TOWN OF COLLIERVILLE CAPITAL INVESTMENT PROGRAM

RESPONSIBLE DEPARTMENT Public Utilities	PROJECT TITLE Water Distribution System Improvements	PROJECT MANAGER Clay Holabird	ACCOUNT NO.
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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
None

LOCATION MAP

PROJECT COSTS	Prior Appropriations	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
LAND/RIGHT OF WAY							-
DESIGN/ENGINEERING			80,000	50,000	50,000	50,000	230,000
UTILITY RELOCATION							-
CONSTRUCTION			720,000	550,000	550,000	550,000	2,370,000
LANDSCAPING							-
EQUIPMENT/FURNISHINGS							-
OTHER							-
TOTAL COSTS	-		800,000	600,000	600,000	600,000	2,600,000

Varied Locations

SOURCE OF FUNDS	Prior Appropriations	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
GENERAL FUND							-
WATER & SEWER FUND			800,000	600,000	600,000	600,000	2,600,000
BONDS							-
OTHER - TDOT							-
OTHER -							-
TOTAL SOURCE	-	-	800,000	600,000	600,000	600,000	2,600,000

PROJECT SCHEDULE	START	FINISH
LAND/RIGHT OF WAY		
DESIGN/ENGINEERING	10/18	6/23
UTILITY RELOCATION		
CONSTRUCTION	3/19	6/23
TOTAL PROJECT	10/18	6/23

FY 2019	TOWN OF COLLIERVILLE CAPITAL INVESTMENT PROGRAM	(Amounts in 000's dollars)
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RESPONSIBLE DEPARTMENT Public Utilities	PROJECT TITLE Sewer System Improvements	PROJECT MANAGER Clay Holabird	ACCOUNT NO.
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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 SCHEDULE	START	FINISH
LAND/RIGHT OF WAY	N/A	N/A
DESIGN/ENGINEERING	9/18	8/23
UTILITY RELOCATION	N/A	N/A
CONSTRUCTION	4/19	8/23
TOTAL PROJECT	9/18	8/23

PROJECT COSTS	Prior Appropriations	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
LAND/RIGHT OF WAY							-
DESIGN/ENGINEERING			50,000	50,000		50,000	150,000
UTILITY RELOCATION							-
CONSTRUCTION			250,000	250,000		250,000	750,000
LANDSCAPING							-
EQUIPMENT/FURNISHINGS							-
OTHER							-
TOTAL COSTS	-	-	300,000	300,000		300,000	900,000
SOURCE OF FUNDS	Prior Appropriations	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
GENERAL FUND							-
WATER & SEWER FUND			300,000	300,000		300,000	900,000
BONDS							-
OTHER -							-
OTHER -							-
TOTAL SOURCE	-	-	300,000	300,000	-	300,000	900,000