

# TOWN OF COLLIERVILLE

T E N N E S S E E



FY 2016-2017

Capital Investment Program



<b>Capital Investment Program Summaries</b>			
<b>General Government</b>	<b>7</b>		
Facilities Maintenance Shop Renovation	8		
<b>Department of Development</b>	<b>9</b>		
Sanders Creek Bank Stabilization	10		
Lateral K Bank Stabilization	11		
Signalization of Poplar Ave. & Progress Rd.	12		
Signalization of Byhalia Rd. & Shelby Dr. (MPO)	13		
Signalization of Shelby Dr. & Sycamore Rd. (MPO)	14		
Terry Dan Lake - Lateral I	15		
Shelby Drive Widening (Sycamore to Hwy 72) (MPO)	16		
Collierville Center Connect	17		
Shelby Drive/Sycamore Road Improvements	18		
Drainage Improvements - Mill St. to Sycamore	19		
Miscellaneous Pedestrian Crossing Projects	20		
Shelby Drive Widening (Jasper Park to Shelby Post)( MPO)	21		
Queen Oaks Phase 3	22		
Houston Downs S/D Drainage Improvements	23		
South Rowlett Drainage Improvements	24		
SR 57 Widening Project (MPO)	25		
Drainage Improvements - Center St. to Mill St.	26		
<b>Public Safety</b>	<b>27</b>		
Police Firing Range	28		
Fire Station #2 Renovations	29		
Replacement Rescue/Pumper Truck (1)	30		
<b>Parks &amp; Recreation</b>	<b>31</b>		
Park Maintenance Equipment	32		
Playground Surfaces Renovations	33		
Town Square Restrooms	34		
H.W. Cox Baseball Complex Lighting Renovation	35		
Equipment Wash Down Station	36		
Halle Park - Playground	37		
Parking Lot Overlays - H.W. Cox	38		
		Greenbelt System	39
		Tom Brooks Park	40
		Estanuala Park Restrooms	41
		Medians - Irrigation/Landscaping	42
		Harrell Theatre Renovations - Seating	43
		H.W. Cox Tennis Lights - Renovations	44
		W.C.J. West Complex - Synthetic Turf Renovations	45
		<b>Public Services</b>	<b>47</b>
		Equipment - Salt Spreader	48
		Parts Storage Mezzanine	49
		Equipment - Backhoe	50
		Equipment - Brush Truck	51
		Equipment - Automated Leaf Machine	52
		Equipment - Automated Garbage Truck	53
		Parking Lot Expansion at PS	54
		Security Fence and Gates	55
		Equipment - 1 Ton Truck with Dump Bed	56
		Heavy Truck Lift	57
		Equipment - Rear Loading Garbage Truck	58
		Equipment - Tandem Axle Dump Truck	59
		Fuel Island	60
		<b>Public Utilities</b>	<b>61</b>
		Building for Vacuum Truck	62
		Equipment - Single Axle Dump Truck	63
		Fire Hydrant Installation (WDSI)	64
		Houston Levee Road Sewer Extension	65
		Remote Drinking Water Testing Sites	66
		Equipment - Tandem Axle Dump Truck	67
		Shop Building Water Plant #4	68
		Water Distribution System Improvements	69
		Sewer System Improvements	70
		Equipment - Mini-Excavator	71



**FY 2017**

**TOWN OF COLLIERVILLE CIP SUMMARY BY FUNCTION**

(Amounts in 000's dollars)

	<b>APPROVED FY 2017</b>	<b>PROJECTED FY 2018</b>	<b>PROJECTED FY 2019</b>	<b>PROJECTED FY 2020</b>	<b>PROJECTED FY 2021</b>
<b>Expenses</b>					
General Government	35.0	465.0	-	-	-
Development	7,241.0	2,199.7	4,158.5	560.0	10,375.0
Public Safety	600.0	-	738.0	-	-
Parks & Recreation	747.0	955.0	515.0	475.0	775.0
Public Services	851.0	425.0	125.0	-	250.0
Public Utilities	555.0	40.0	1,655.0	1,405.0	1,350.0
<b>Total Expenses</b>	<b>10,029.0</b>	<b>4,084.7</b>	<b>7,191.5</b>	<b>2,440.0</b>	<b>12,750.0</b>
<b>Funding Sources</b>					
General Obligation Bonds	1,505.7	465.0	-	-	-
Sanitation Equipment Replacement Fund	621.0	180.0	-	-	-
Fire Facility Fees	347.0	-	400.0	-	-
Police Privilege Taxes	250.0	-	-	-	-
CDBG Grants	-	-	200.0	-	200.0
TDOT	1,637.3	931.8	1,814.4	-	8,000.0
Parks Improvement Funds	682.0	660.0	195.0	380.0	700.0
General Fund Reserves	3,111.0	822.9	2,094.6	95.0	2,325.0
Stormwater Fees	670.0	985.0	832.5	560.0	175.0
Water & Sewer Fund Reserves	1,205.0	40.0	1,655.0	1,405.0	1,350.0
<b>Total Funding Sources</b>	<b>10,029.0</b>	<b>4,084.7</b>	<b>7,191.5</b>	<b>2,440.0</b>	<b>12,750.0</b>

PROJECT	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5 YEAR CIP
<b>General Government</b>						
Facilities Maintenance Shop Renovation	35.0	465.0	-	-	-	500.0
<b>Development</b>						
Sanders Creek Bank Stabilization	65.0	525.0	425.0	-	-	1,015.0
Lateral K Bank Stabilization	70.0	425.0	-	-	-	495.0
Signalization of Poplar Ave. & Progress Rd.	160.0	-	-	-	-	160.0
Signalization of Byhalia Rd. & Shelby Dr. (MPO)	458.3	-	-	-	-	458.3
Signalization of Shelby Dr. & Sycamore Rd. (MPO)	458.3	-	-	-	-	458.3
Terry Dan Lake - Lateral I	600.0	-	-	-	-	600.0
Shelby Drive Widening (Sycamore to Hwy 72) (MPO)	901.0	-	773.0	-	10,000.0	11,674.0
Collierville Center Connect	2,253.5	-	-	-	-	2,253.5
Shelby Drive/Sycamore Road Improvements	2,275.0	-	85.0	-	-	2,360.0
Drainage Improvements - Mill St. to Sycamore	-	35.0	425.0	-	-	460.0
Miscellaneous Pedestrian Crossing Projects	-	50.0	-	-	-	50.0
Shelby Drive Widening (Jasper Park to Shelby Post) ( MPO)	-	1,164.7	-	-	-	1,164.7
Queen Oaks Phase 3	-	-	47.5	525.0	-	572.5
Houston Downs S/D Drainage Improvements	-	-	50.0	-	-	50.0
South Rowlett Drainage Improvements	-	-	85.0	-	-	85.0
SR 57 Widening Project (MPO)	-	-	2,268.0	-	-	2,268.0
Drainage Improvements - Center St. to Mill St.	-	-	-	35.0	375.0	410.0

	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>5 YEAR CIP</b>
<b>Public Safety</b>						
Police Firing Range	250.0	-	-	-	-	250.0
Fire Station #2 Renovations	350.0	-	-	-	-	350.0
Replacement Rescue/Pumper Truck (1)	-	-	738.0	-	-	738.0
<b>Parks &amp; Recreation</b>						
Park Maintenance Equipment	65.0	90.0	120.0	95.0	75.0	445.0
Playground Surfaces Renovations	100.0	-	-	-	100.0	200.0
Town Square Restrooms	232.0	-	-	-	-	232.0
H.W. Cox Baseball Complex Lighting Renovation	350.0	-	-	-	-	350.0
Equipment Wash Down Station	-	70.0	-	-	-	70.0
Halle Park - Playground	-	120.0	-	-	-	120.0
Parking Lot Overlays - H.W. Cox	-	135.0	-	-	-	135.0
Greenbelt System	-	250.0	-	100.0	-	350.0
Tom Brooks Park	-	290.0	-	195.0	-	485.0
Estanuala Park Restrooms	-	-	195.0	-	-	195.0
Medians - Irrigation/Landscaping	-	-	200.0	-	-	200.0
Harrell Theatre Renovations - Seating	-	-	-	85.0	-	85.0
H.W. Cox Tennis Lights - Renovations	-	-	-	-	100.0	100.0
W.C.J. West Complex - Synthetic Turf Renovations	-	-	-	-	500.0	500.0

	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>5 YEAR CIP</b>
<b>Public Services</b>						
Equipment - Salt Spreader	35.0	-	-	-	-	35.0
Parts Storage Mezzanine	85.0	-	-	-	-	85.0
Equipment - Backhoe	110.0	-	-	-	-	110.0
Equipment - Brush Truck	151.0	-	-	-	-	151.0
Equipment - Automated Leaf Machine	170.0	-	-	-	-	170.0
Equipment - Automated Garbage Truck	300.0	-	-	-	-	300.0
Parking Lot Expansion at PS	-	50.0	-	-	-	50.0
Security Fence and Gates	-	60.0	-	-	-	60.0
Equipment - 1 Ton Truck with Dump Bed	-	65.0	-	-	-	65.0
Heavy Truck Lift	-	70.0	-	-	-	70.0
Equipment - Rear Loading Garbage Truck	-	180.0	-	-	-	180.0
Equipment - Tandem Axle Dump Truck	-	-	125.0	-	-	125.0
Fuel Island	-	-	-	-	250.0	250.0
<b>Public Utilities</b>						
Building for Vacuum Truck	85.0	-	-	-	-	85.0
Equipment - Single Axle Dump Truck	120.0	-	-	-	-	120.0
Fire Hydrant Installation (WDSI)	150.0	-	-	-	-	150.0
Houston Levee Road Sewer Extension	200.0	-	-	-	-	200.0
Remote Drinking Water Testing Sites	-	40.0	-	-	-	40.0
Equipment - Tandem Axle Dump Truck	-	-	125.0	-	-	125.0



	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>5 YEAR CIP</b>
Shop Building Water Plant #4	-	-	180.0	-	-	180.0
Water Distribution System Improvements	-	-	600.0	600.0	600.0	1,800.0
Sewer System Improvements	-	-	750.0	750.0	750.0	2,250.0
Equipment - Mini-Excavator	-	-	-	55.0	-	55.0
<b>Total CIP</b>	<b>10,029.0</b>	<b>4,084.7</b>	<b>7,191.5</b>	<b>2,440.0</b>	<b>12,750.0</b>	<b>36,495.2</b>
<b>Funding Sources</b>						
General Obligation Bonds	1,505.7	465.0	-	-	-	1,970.7
Sanitation Equipment Replacement Fund	621.0	180.0	-	-	-	801.0
Fire Facility Fees	347.0	-	400.0	-	-	747.0
Police Privilege Taxes	250.0	-	-	-	-	250.0
CDBG Grants	-	-	200.0	-	200.0	400.0
TDOT	1,637.3	931.8	1,814.4	-	8,000.0	12,383.5
Parks Improvement Funds	682.0	660.0	195.0	380.0	700.0	2,617.0
General Fund Reserves	3,111.0	822.9	2,094.6	95.0	2,325.0	8,448.5
Stormwater Fees	670.0	985.0	832.5	560.0	175.0	3,222.5
Water & Sewer Fund Reserves	1,205.0	40.0	1,655.0	1,405.0	1,350.0	5,655.0
<b>Total Funding Sources</b>	<b>10,029.0</b>	<b>4,084.7</b>	<b>7,191.5</b>	<b>2,440.0</b>	<b>12,750.0</b>	<b>36,495.2</b>



**FY 2017**

**GENERAL GOVERNMENT CIP SUMMARY**

(Amounts in 000's dollars)

<b>PROJECT</b>	<b>APPROVED FY 2017</b>	<b>PROJECTED FY 2018</b>	<b>PROJECTED FY 2019</b>	<b>PROJECTED FY 2020</b>	<b>PROJECTED FY 2021</b>	<b>TOTAL 5 YEAR CIP</b>
<b>General Government</b>						
Facilities Maintenance Shop Renovation	35.0	465.0	-	-	-	500.0
<b>Total General Government CIP</b>	<b>35.0</b>	<b>465.0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>500.0</b>
<b>Funding Sources</b>						
General Obligation Bonds	-	465.0	-	-	-	465.0
Designated Reserves	-	-	-	-	-	-
General Fund Reserves	35.0	-	-	-	-	35.0
<b>Total Funding Sources</b>	<b>35.0</b>	<b>465.0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>500.0</b>

**FY 2017** **TOWN OF COLLIERVILLE CAPITAL INVESTMENT PROGRAM** (Amounts in 000's dollars)

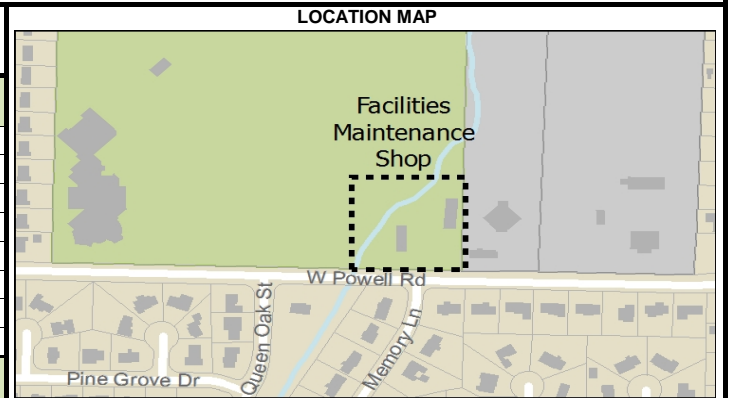
<b>RESPONSIBLE DEPARTMENT</b> General Government	<b>PROJECT TITLE</b> Facilities Maintenance Shop Renovation	<b>PROJECT MANAGER</b> Derek Honeycutt	<b>ACCOUNT NO.</b> 321-41900-921-201601
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**PROJECT DESCRIPTION**  
 The project will require contracting with a professional services firm for preparing construction drawings and specifications to add approximately 800 sq. ft. to the existing 2,400 sq. ft. 1988 metal and wood clad office and shop building currently housing the Parks Maintenance division at 350 Powell Road. The construction phase will include relocating the main entrance from the current front load to a side load entrance allowing for the rearrangement and upgrade of the manager's office, break room and new conference room, re-located and ADA compliant restrooms, plans, files and manuals examination storage room, expanded open concept office area and enlarged shop area. Exterior improvements call for new sidewalk and rails, with new brick façade with metal accent panels and energy efficient windows. Changes and improvements to the equipment shed will repurpose it into a warehouse for supplies and materials which will consist of adding exterior walls and overhead doors for access along with insulation and heat.  
 There are no special project considerations or requirements such as parking relocations, environmental impact studies or soil borings. Asbestos report is negative for both structures.

**BACKGROUND/HISTORY**  
 The Parks department is working with a local architectural firm to design office and other operating spaces within one of the old Craig Lumber company buildings on Progress Road with intentions of re-locating the Parks Maintenance division operation into the new space.  
 With the Parks Maintenance division vacating the office building and storage canopy, the Facilities Maintenance division of the General Services department will re-locate to this compound leaving their metal operations building for Public Utilities to occupy.  
 Currently, the Facilities Maintenance division operates out of a 2,400 sq. ft. metal building at 609 E. South Street built in 1998; within this footprint, Public Services utilizes 750 sq. ft. or one truck bay for equipment storage leaving the remaining portion of the building for offices, break-room, wood and metal shop, and storage of supplies.

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

PROJECT COSTS	Prior Appropriations	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	TOTAL
LAND/RIGHT OF WAY							-
DESIGN/ENGINEERING		35.0					35.0
UTILITY RELOCATION							-
CONSTRUCTION			440.0				440.0
LANDSCAPING							-
EQUIPMENT/FURNISHINGS			25.0				25.0
OTHER							-
<b>TOTAL COSTS</b>	-	35.0	465.0	-	-	-	500.0
SOURCE OF FUNDS	Prior Appropriations	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	TOTAL
GENERAL FUND		35.0					35.0
WATER & SEWER FUND							-
BONDS			465.0				465.0
OTHER -							-
OTHER -							-
<b>TOTAL SOURCE</b>	-	35.0	465.0	-	-	-	500.0



PROJECT SCHEDULE	START	FINISH
LAND/RIGHT OF WAY	N/A	N/A
DESIGN/ENGINEERING	12/16	7/17
UTILITY RELOCATION	N/A	N/A
CONSTRUCTION	8/17	4/18
<b>TOTAL PROJECT</b>	12/16	4/18

	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	TOTAL 5 YEAR CIP
<b>PROJECT</b>						
<b>Development</b>						
Sanders Creek Bank Stabilization	65.0	525.0	425.0	-	-	1,015.0
Lateral K Bank Stabilization	70.0	425.0	-	-	-	495.0
Signalization of Poplar Ave. & Progress Rd.	160.0	-	-	-	-	160.0
Signalization of Byhalia Rd. & Shelby Dr. (MPO)	458.3	-	-	-	-	458.3
Signalization of Shelby Dr. & Sycamore Rd. (MPO)	458.3	-	-	-	-	458.3
Terry Dan Lake - Lateral I	600.0	-	-	-	-	600.0
Shelby Drive Widening (Sycamore to Hwy 72) (MPO)	901.0	-	773.0	-	-	1,674.0
Collierville Center Connect	2,253.5	-	-	-	-	2,253.5
Shelby Drive/Sycamore Road Improvements	2,275.0	-	85.0	-	10,000.0	12,360.0
Drainage Improvements - Mill St. to Sycamore	-	35.0	425.0	-	-	460.0
Miscellaneous Pedestrian Crossing Projects	-	50.0	-	-	-	50.0
SR175 Shelby Dr. Widening(Jasper Pk-Shelby Post)(MPO)	-	1,164.7	-	-	-	1,164.7
Queen Oaks Phase 3	-	-	47.5	525.0	-	572.5
Houston Downs S/D Drainage Improvements	-	-	50.0	-	-	50.0
South Rowlett Drainage Improvements	-	-	85.0	-	-	85.0
SR 57 Widening Project (MPO)	-	-	2,268.0	-	-	2,268.0
Drainage Improvements - Center St. to Mill St.	-	-	-	35.0	375.0	410.0
<b>Total Development CIP</b>	<b>7,241.0</b>	<b>2,199.7</b>	<b>4,158.5</b>	<b>560.0</b>	<b>10,375.0</b>	<b>24,534.2</b>
<b>Funding Sources</b>						
General Obligation Bonds	1,505.7	-	-	-	-	1,505.7
CDBG Grants	-	-	200.0	-	200.0	400.0
TDOT	1,637.3	931.8	1,814.4	-	8,000.0	12,383.5
General Fund Reserves	2,778.0	282.9	1,311.6	-	2,000.0	6,372.5
Other - Stormwater Fees	670.0	985.0	832.5	560.0	175.0	3,222.5
Water & Sewer Reserves	650.0	-	-	-	-	650.0
<b>Total Funding Sources</b>	<b>7,241.0</b>	<b>2,199.7</b>	<b>4,158.5</b>	<b>560.0</b>	<b>10,375.0</b>	<b>24,534.2</b>

**FY 2017** **TOWN OF COLLIERVILLE CAPITAL INVESTMENT PROGRAM** (Amounts in 000's dollars)

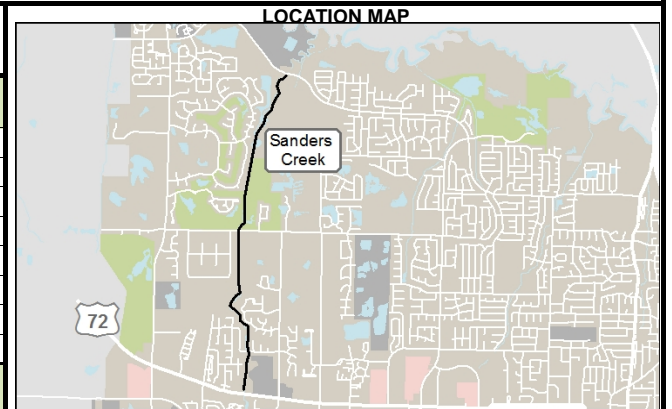
<b>RESPONSIBLE DEPARTMENT</b> Development	<b>PROJECT TITLE</b> Sanders Creek Bank Stabilization	<b>PROJECT MANAGER</b> Dale Perryman	<b>ACCOUNT NO.</b> 321-43120-934-201702
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**PROJECT DESCRIPTION**  
 FY 16-17: This will be the design for a grade control 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. The design has been completed for the second phase in a prior fiscal year.  
 FY 17-18: 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 16-17.  
 FY 18-19: 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, 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 all of these areas and stormwater runoff has increased, the creek has degraded due to headcutting. Sections of the streambank have sloughed off into the flowline, and trees have been lost as the 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 17-18 where Sanders Creek empties into the Wolf River.

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

PROJECT COSTS	Prior Appropriations	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	TOTAL
LAND/RIGHT OF WAY							-
DESIGN/ENGINEERING		65.0					65.0
UTILITY RELOCATION							-
CONSTRUCTION			525.0	425.0			950.0
LANDSCAPING							-
EQUIPMENT/FURNISHINGS							-
OTHER							-
<b>TOTAL COSTS</b>	-	65.0	525.0	425.0	-	-	1,015.0
SOURCE OF FUNDS	Prior Appropriations	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	TOTAL
GENERAL FUND							-
WATER & SEWER FUND							-
BONDS		65.0					65.0
OTHER -							-
OTHER - Stormwater Fees			525.0	425.0			950.0
<b>TOTAL SOURCE</b>	-	65.0	525.0	425.0	-	-	1,015.0



PROJECT SCHEDULE	START	FINISH
LAND/RIGHT OF WAY	N/A	N/A
DESIGN/ENGINEERING	12/16	4/17
UTILITY RELOCATION	N/A	N/A
CONSTRUCTION	4/18	6/19
<b>TOTAL PROJECT</b>	12/16	6/19

**FY 2017** **TOWN OF COLLIERVILLE CAPITAL INVESTMENT PROGRAM** (Amounts in 000's dollars)

<b>RESPONSIBLE DEPARTMENT</b> Development	<b>PROJECT TITLE</b> Lateral K Bank Stabilization	<b>PROJECT MANAGER</b> Dale Perryman	<b>ACCOUNT NO.</b> 321-43120-934-201701
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**PROJECT DESCRIPTION**  
This project will stabilize the banks of Lateral K by re-grading the bank or installing sheet piles or some type of mechanical wall system (retaining wall). This is the lateral that runs behind Collierville Elementary School. Trees and brush have fallen into the ditch, obstructing flow and contributing to the erosion of the ditch banks.

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

FY 17-18: This will be the construction phase of the design completed in FY 16-17.

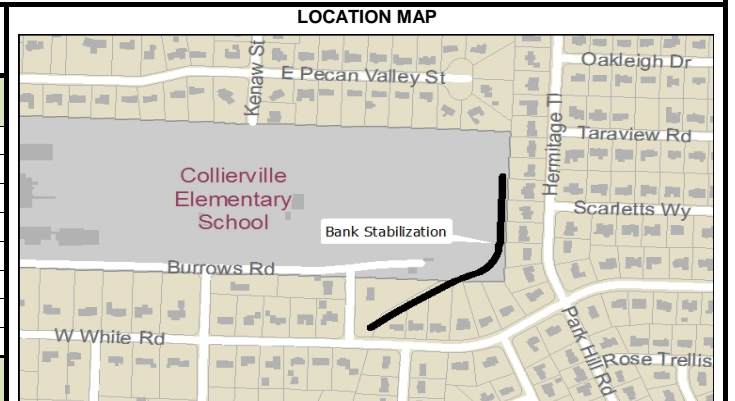
**BACKGROUND/HISTORY**  
In the past, the Collierville Elementary School site was the responsibility of Shelby County Schools. Within the last few years, Collierville formed its own school district, thus acquiring Shelby County school properties. Along the back of Collierville Elementary School, Lateral K banks have begun to slough off, causing trees and brush material to fall into the ditch, obstructing flow and contributing to erosion of the ditch bank. The vertical ditch banks resulting from the sloughing off and erosion have begun to cause erosion and damage to adjacent properties and fences.

**IMPACT ON OPERATING BUDGET**

	Year 1	Year 2	Year 3	Year 4	Year 5	Totals
Yearly Routine Maintenance/Repair Costs: \$	500	500	500	500	500	\$ 2,500

PROJECT COSTS	Prior Appropriations	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	TOTAL
LAND/RIGHT OF WAY							-
DESIGN/ENGINEERING		70.0					70.0
UTILITY RELOCATION							-
CONSTRUCTION			425.0				425.0
LANDSCAPING							-
EQUIPMENT/FURNISHINGS							-
OTHER							-
<b>TOTAL COSTS</b>	-	70.0	425.0	-	-	-	495.0

SOURCE OF FUNDS	Prior Appropriations	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	TOTAL
GENERAL FUND							-
WATER & SEWER FUND							-
BONDS							-
OTHER -							-
OTHER - Stormwater Fees		70.0	425.0				495.0
<b>TOTAL SOURCE</b>	-	70.0	425.0	-	-	-	495.0



PROJECT SCHEDULE	START	FINISH
LAND/RIGHT OF WAY	N/A	N/A
DESIGN/ENGINEERING	9/16	2/17
UTILITY RELOCATION	8/17	12/17
CONSTRUCTION	8/17	12/17
<b>TOTAL PROJECT</b>	9/16	12/17

**FY 2017** **TOWN OF COLLIERVILLE CAPITAL INVESTMENT PROGRAM** (Amounts in 000's dollars)

<b>RESPONSIBLE DEPARTMENT</b> Development	<b>PROJECT TITLE</b> Signalization at Poplar Ave and Progress Rd	<b>PROJECT MANAGER</b> Shane Richardson	<b>ACCOUNT NO.</b> 321-43120-939-201703
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**PROJECT DESCRIPTION**  
 This project will consist of the installation of a traffic signal at State Route 57 (Poplar Ave.) at Grand Steeple Drive and Progress Road. In addition, it will include left turn lanes for both eastbound and westbound Poplar Avenue. This project is to also include a small amount of roadway widening on the east end of project to allow for a left turn lane for westbound traffic. This project was designed in house and the final plans will need to be approved by Tennessee Department of Transportation.

**BACKGROUND/HISTORY**  
 Since 2010, there have been thirty-one (31) accidents at the intersection of Poplar Avenue and Progress Rd/Grand Steeple Drive. Fifteen (15) of the thirty-one (31) accidents have occurred within the last two years. With the installation of a traffic signal with a protected left turn movement for Poplar Avenue, it is expected to greatly decrease the number of accidents.

It is anticipated that the existing power poles will need to be relocated/moved. With the existing power poles being located within the State right-of-way, the cost of relocating the existing power poles is anticipated to be funded by MLG&W.

**IMPACT ON OPERATING BUDGET**  
 Normal operational maintenance. (approx. \$800 per year)

PROJECT COSTS	Prior Appropriations	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	TOTAL
LAND/RIGHT OF WAY							-
DESIGN/ENGINEERING							-
UTILITY RELOCATION							-
CONSTRUCTION		160.0					160.0
LANDSCAPING							-
EQUIPMENT/FURNISHINGS							-
OTHER							-
<b>TOTAL COSTS</b>	-	160.0	-	-	-	-	160.0
SOURCE OF FUNDS	Prior Appropriations	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	TOTAL
GENERAL FUND		160.0					160.0
WATER & SEWER FUND							-
BONDS							-
OTHER -							-
OTHER - Fire Facility Fees							-
<b>TOTAL SOURCE</b>	-	160.0	-	-	-	-	160.0



PROJECT SCHEDULE	START	FINISH
LAND/RIGHT OF WAY	N/A	N/A
DESIGN/ENGINEERING	4/16	6/16
UTILITY RELOCATION	7/16	1/17
CONSTRUCTION	7/16	1/17
<b>TOTAL PROJECT</b>	4/16	1/17



**FY 2017** **TOWN OF COLLIERVILLE CAPITAL INVESTMENT PROGRAM** (Amounts in 000's dollars)

<b>RESPONSIBLE DEPARTMENT</b> Development	<b>PROJECT TITLE</b> Signalization of Byhalia Rd. & Shelby Dr.	<b>PROJECT MANAGER</b> Frank McPhail	<b>ACCOUNT NO.</b> 321-43120-939-201701
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**PROJECT DESCRIPTION**  
This project involves the installation of a new decorative traffic signal at the intersection of Byhalia Road and Shelby Drive. Also included will be environmental approvals, design drawings, ROW acquisition (if necessary), inspection services and close out procedures according to TDOT Guidelines.

**BACKGROUND/HISTORY**  
Currently, this intersection is under construction as part of the Byhalia Road Widening Project. This intersection will be one of the main access points to Collierville's new high school. There is an opportunity to have this project 100% federally funded through the Memphis MPO 2017-20 TIP. As with all MPO/TDOT funding, the Town would fund the entire cost and then send TDOT monthly pay requests for 100% reimbursement.

**IMPACT ON OPERATING BUDGET**  
Normal minor routine maintenance.

PROJECT COSTS	Prior Appropriations	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	TOTAL
LAND/RIGHT OF WAY							-
DESIGN/ENGINEERING							-
UTILITY RELOCATION							-
CONSTRUCTION		458.3					458.3
LANDSCAPING							-
EQUIPMENT/FURNISHINGS							-
OTHER							-
<b>TOTAL COSTS</b>	-	458.3	-	-	-	-	458.3
SOURCE OF FUNDS	Prior Appropriations	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	TOTAL
GENERAL FUND							-
WATER & SEWER FUND							-
BONDS							-
OTHER -							-
OTHER - TDOT		458.3					458.3
<b>TOTAL SOURCE</b>	-	458.3	-	-	-	-	458.3



PROJECT SCHEDULE	START	FINISH
LAND/RIGHT OF WAY	1/17	12/17
DESIGN/ENGINEERING	1/17	12/17
UTILITY RELOCATION	1/18	8/18
CONSTRUCTION	1/18	8/18
<b>TOTAL PROJECT</b>	1/17	8/18

**FY 2017** **TOWN OF COLLIERVILLE CAPITAL INVESTMENT PROGRAM** (Amounts in 000's dollars)

<b>RESPONSIBLE DEPARTMENT</b> Development	<b>PROJECT TITLE</b> Signalization of Shelby Dr. & Sycamore Rd.	<b>PROJECT MANAGER</b> Frank McPhail	<b>ACCOUNT NO.</b> 321-43120-939-201702
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**PROJECT DESCRIPTION**  
This project involves the installation of a new decorative traffic signal at the intersection of Shelby Drive and Sycamore Road. Also included will be the environmental approvals, design drawings, ROW acquisition (if necessary), inspection services and close out procedures according to TDOT Guidelines

**BACKGROUND/HISTORY**  
This intersection is to be constructed as part of the Shelby Drive Widening Project which is being built in conjunction with Collierville's new high school. Once completed, this intersection will be the main intersection located at the new high school. This project has been submitted to the Memphis Metropolitan Planning Organization for possible funding in their 2017-20 Transportation Improvement Program (TIP). If approved, this project would be funded with 100% MPO/TDOT funds. As with all MPO/TDOT funding, the Town would fund the entire cost and then send TDOT monthly pay requests for 100% reimbursement.

**IMPACT ON OPERATING BUDGET**  
Normal minor routine maintenance.

PROJECT COSTS	Prior Appropriations	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	TOTAL
LAND/RIGHT OF WAY							-
DESIGN/ENGINEERING							-
UTILITY RELOCATION							-
CONSTRUCTION		458.3					458.3
LANDSCAPING							-
EQUIPMENT/FURNISHINGS							-
OTHER							-
<b>TOTAL COSTS</b>	-	458.3	-	-	-	-	458.3
SOURCE OF FUNDS	Prior Appropriations	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	TOTAL
GENERAL FUND							-
WATER & SEWER FUND							-
BONDS							-
OTHER -							-
OTHER - TDOT		458.3					458.3
<b>TOTAL SOURCE</b>	-	458.3	-	-	-	-	458.3



PROJECT SCHEDULE	START	FINISH
LAND/RIGHT OF WAY	1/17	12/17
DESIGN/ENGINEERING	1/17	12/17
UTILITY RELOCATION	1/18	8/18
CONSTRUCTION	1/18	8/18
<b>TOTAL PROJECT</b>	1/17	8/18

**FY 2017** **TOWN OF COLLIERVILLE CAPITAL INVESTMENT PROGRAM** (Amounts in 000's dollars)

<b>RESPONSIBLE DEPARTMENT</b> Development	<b>PROJECT TITLE</b> Lateral I Improvements (Terry Dan Lake)	<b>PROJECT MANAGER</b> Dale Perryman	<b>ACCOUNT NO.</b> 321-43120-934-201604
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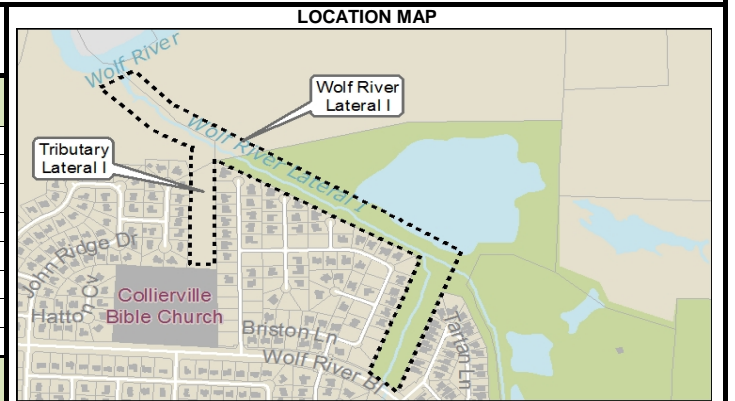
**PROJECT DESCRIPTION**  
Currently, \$62,500.00 has been budgeted in FY 2016 for the design of the grade control structure. This will involve surveying, soil borings, and the design of sheet piles to control grade along the ditch facility. There is no bank stabilization associated with this project.

FY 16-17 - The construction phase will consist of the construction of the grade control structure. It is anticipated that it will be constructed along the Town's Greenbelt Trail that goes to Terry Dan Lake on the west side of W.C. Johnson Park.

**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 and 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**  
Minor maintenance on ditch from year to year.

PROJECT COSTS	Prior Appropriations	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	TOTAL
LAND/RIGHT OF WAY							-
DESIGN/ENGINEERING	62.5						62.5
UTILITY RELOCATION							-
CONSTRUCTION		600.0					600.0
LANDSCAPING							-
EQUIPMENT/FURNISHINGS							-
OTHER							-
<b>TOTAL COSTS</b>	62.5	600.0	-	-	-	-	662.5
SOURCE OF FUNDS	Prior Appropriations	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	TOTAL
GENERAL FUND							-
WATER & SEWER FUND							-
BONDS							-
OTHER -							-
OTHER - Stormwater Fees	62.0	600.0					662.0
<b>TOTAL SOURCE</b>	62.0	600.0	-	-	-	-	662.0



PROJECT SCHEDULE	START	FINISH
LAND/RIGHT OF WAY	N/A	N/A
DESIGN/ENGINEERING	3/16	5/16
UTILITY RELOCATION	7/16	11/16
CONSTRUCTION	7/16	11/16
<b>TOTAL PROJECT</b>	3/16	11/16

**FY 2017** **TOWN OF COLLIERVILLE CAPITAL INVESTMENT PROGRAM** (Amounts in 000's dollars)

<b>RESPONSIBLE DEPARTMENT</b> Development	<b>PROJECT TITLE</b> Shelby Dr. Widening (Sycamore to Hwy 72)	<b>PROJECT MANAGER</b> Frank McPhail	<b>ACCOUNT NO.</b> 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. This phase of the project will consist of an environmental study from Sycamore Road to Highway 72 with the design portion starting at the high school's eastern most improvements to Shelby Drive and continue to Hwy 72.

FY 16-17 - Preliminary Engineering and NEPA (Environmental Documents) \$901,000  
 FY 18-19 - Right-of-Way Acquisition \$773,000.00  
 FY 20-21 - Construction \$10,000,000

**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. Shelby Drive will be constructed as a 4-lane divided roadway with raised medians, bike facilities, sidewalks and ADA improvements. The current rural section does not have the capacity to support traffic volumes that will be generated by the high school. This project has been submitted to the Memphis Metropolitan Planning Organization for possible funding in their 2017-20 Transportation Improvement Program (TIP). If approved, this project 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.

**IMPACT ON OPERATING BUDGET**  
 None.

PROJECT COSTS	Prior Appropriations	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	TOTAL
LAND/RIGHT OF WAY				773.0			773.0
DESIGN/ENGINEERING		901.0					901.0
UTILITY RELOCATION							-
CONSTRUCTION						10,000.0	10,000.0
LANDSCAPING							-
EQUIPMENT/FURNISHINGS							-
OTHER							-
<b>TOTAL COSTS</b>	-	901.0	-	773.0	-	10,000.0	11,674.0
SOURCE OF FUNDS	Prior Appropriations	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	TOTAL
GENERAL FUND		180.2		773.0		2,000.0	2,953.2
WATER & SEWER FUND							-
BONDS							-
OTHER -							-
OTHER - TDOT		720.8				8,000.0	8,720.8
<b>TOTAL SOURCE</b>	-	901.0	-	773.0	-	10,000.0	11,674.0



PROJECT SCHEDULE	START	FINISH
LAND/RIGHT OF WAY	2/19	8/20
DESIGN/ENGINEERING	1/17	1/19
UTILITY RELOCATION	10/20	10/22
CONSTRUCTION	10/20	10/22
<b>TOTAL PROJECT</b>	<b>1/17</b>	<b>10/22</b>

**FY 2017** **TOWN OF COLLIERVILLE CAPITAL INVESTMENT PROGRAM** (Amounts in 000's dollars)

<b>RESPONSIBLE DEPARTMENT</b> Development	<b>PROJECT TITLE</b> Collierville Center Connect	<b>PROJECT MANAGER</b> Sean Isham	<b>ACCOUNT NO.</b> 321-43120-931-201202
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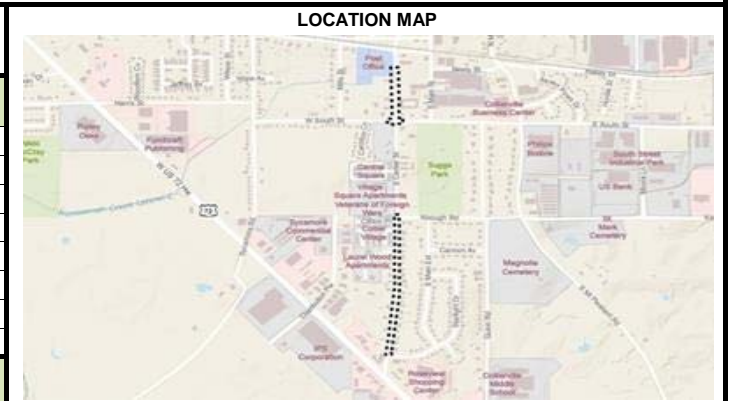
**PROJECT DESCRIPTION**  
 For FY 2016, this CIP project combined two projects that were previously included in the CIP as Collierville Center Connect, Phase 1 (a FY 12 CIP project) and Phase 2 (a FY 15 CIP project). Collierville Center Connect is a multi-phase streetscape improvement project that is being partially funded through federal Transportation Alternatives Grants (formerly known as Enhancement Grants) administered by the Tennessee Department of Transportation (TDOT). The grant program requires Collierville to fund 20% of construction costs as its match and also requires the Town to fund the full cost of design. The scope of this project includes the addition of on-street parking, bike lanes, curb and gutter, ADA compliant ramps, sidewalks, crosswalks, streetlights, seating areas, landscaping, utilities relocation, stormwater improvements, acquisition of easements and right-of-way, and updating most driveway aprons within portions of Center Street included in Phases 1 and 2 (see location map). There are other projects in the CIP to upgrade water lines and stormwater facilities in the area that will need to be completed prior to, or concurrent with, streetscape construction to prevent a situation where the newly installed streetscape would need to be demolished and reconstructed. A consultant, A2H, was chosen for both Phases 1 and 2 and is providing design, construction administration, construction inspection, and engineering services (CEI). The full contract cost is \$516,105.

**BACKGROUND/HISTORY**  
 Ph. 1 of the Center Connect streetscape project (S. Rowlett to South St.) and Ph. 2 (Keough to Starlight Dr.) were awarded in 2012 and 2013, respectively. It is estimated that the total cost of both phases will exceed \$3.30 million, with a maximum of \$1.52 million reimbursed by TDOT through the grant.

As part of the Ph. 1 and 2 consultant contracts, right-of-way and construction design plans were completed and submitted to TDOT for approval. The Town is currently proceeding with right-of-way appraisals and acquisitions. A full survey of the entire Center Street corridor was completed along with environmental documentation. By synchronizing the design and construction of Ph. 1 and 2, additional time and monetary savings will be achieved. Construction costs are expected to exceed \$2.25 million and is scheduled to be completed by November, 2018. The current contract with TDOT requires that construction authorization be given by November 2017, and that construction be completed by March of 2019.

<b>IMPACT ON OPERATING BUDGET</b>	Year 1	Year 2	Year 3	Year 4	Year 5	Totals
Yearly Routine Maintenance/Repair Costs:				10,000	10,000	\$ 20,000

PROJECT COSTS	Prior Appropriations	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	TOTAL
LAND/RIGHT OF WAY	348.0						348.0
DESIGN/ENGINEERING	516.1						516.1
UTILITY RELOCATION	125.0						125.0
CONSTRUCTION		2,253.5					2,253.5
LANDSCAPING							-
EQUIPMENT/FURNISHINGS							-
OTHER	36.6						36.6
<b>TOTAL COSTS</b>	<b>1,025.7</b>	<b>2,253.5</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>3,279.2</b>
SOURCE OF FUNDS	Prior Appropriations	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	TOTAL
GENERAL FUND	260.7	1,943.6					2,204.3
WATER & SEWER FUND							-
BONDS	765.0	309.9					1,074.9
OTHER -							-
OTHER - TDOT							-
<b>TOTAL SOURCE</b>	<b>1,025.7</b>	<b>2,253.5</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>3,279.2</b>



PROJECT SCHEDULE	START	FINISH
LAND/RIGHT OF WAY	6/15	6/17
DESIGN/ENGINEERING	4/13	6/15
UTILITY RELOCATION	3/17	11/18
CONSTRUCTION	3/17	11/18
<b>TOTAL PROJECT</b>	<b>4/13</b>	<b>11/18</b>

**FY 2017** **TOWN OF COLLIERVILLE CAPITAL INVESTMENT PROGRAM** (Amounts in 000's dollars)

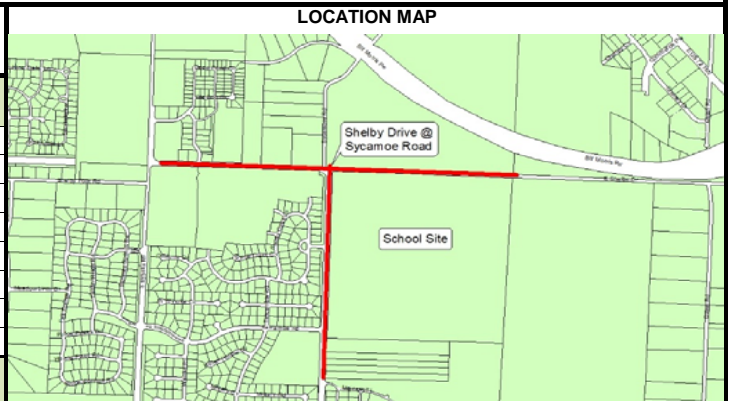
<b>RESPONSIBLE DEPARTMENT</b> Development	<b>PROJECT TITLE</b> Shelby Drive/Sycamore Road Construction	<b>PROJECT MANAGER</b> Dale Perryman	<b>ACCOUNT NO.</b> Multiple
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**PROJECT DESCRIPTION**  
 This project consists of the design and the construction of Shelby Drive and Sycamore Road from an existing two lane rural cross section to a 4-lane divided section. The Shelby Drive construction will begin at Deep Woods Road and end at the approximate east property line of the new school site. The project will include design, right-of-way acquisition, and the construction of sewer, water, 4-lane road section, bridge construction and irrigation. This project is related to the construction of the new Collierville High School. Irrigation for the medians will be constructed in fall of 2018.

**BACKGROUND/HISTORY**  
 Currently, Shelby Drive and Sycamore Road exist as a two lane rural cross section. The construction of the new high school will need new infrastructure to support it. The current sections do not have the capacity to support traffic volumes that will be generated by the new high school. Shelby Drive will be constructed as a 4-lane divided section with bike lanes. Sycamore Road, south of Shelby Drive, will be a four lane divided section, and north of Shelby Drive will be a five lane section with bike lanes.

**IMPACT ON OPERATING BUDGET**  
 Routine maintenance and overlay once every 20 years.

PROJECT COSTS	Prior Appropriations	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	TOTAL
LAND/RIGHT OF WAY	82.9						82.9
DESIGN/ENGINEERING	640.9	25.0					665.9
UTILITY RELOCATION	900.0	650.0					1,550.0
CONSTRUCTION	5,037.3	1,000.0					6,037.3
LANDSCAPING							-
EQUIPMENT/FURNISHINGS							-
OTHER		600.0		85.0			685.0
<b>TOTAL COSTS</b>	<b>6,661.0</b>	<b>2,275.0</b>	<b>-</b>	<b>85.0</b>	<b>-</b>	<b>-</b>	<b>9,021.0</b>
SOURCE OF FUNDS	Prior Appropriations	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	TOTAL
GENERAL FUND		1,494.2		85.0			1,579.2
WATER & SEWER FUND	945.0	650.0					1,595.0
BONDS	5,558.4	130.8					5,689.2
OTHER - CILO	157.7						157.7
OTHER -							-
<b>TOTAL SOURCE</b>	<b>6,661.0</b>	<b>2,275.0</b>	<b>-</b>	<b>85.0</b>	<b>-</b>	<b>-</b>	<b>9,021.0</b>



PROJECT SCHEDULE	START	FINISH
LAND/RIGHT OF WAY	4/16	6/16
DESIGN/ENGINEERING	12/15	5/15
UTILITY RELOCATION	7/16	6/18
CONSTRUCTION	7/16	6/18
<b>TOTAL PROJECT</b>	<b>12/15</b>	<b>6/18</b>

**FY 2017** **TOWN OF COLLIERVILLE CAPITAL INVESTMENT PROGRAM** (Amounts in 000's dollars)

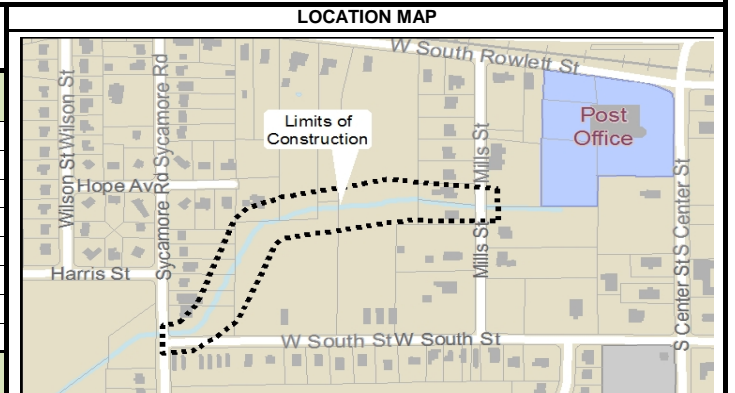
<b>RESPONSIBLE DEPARTMENT</b> Development	<b>PROJECT TITLE</b> Drainage Improvements - Mill St. to Sycamore	<b>PROJECT MANAGER</b> Dale Perryman	<b>ACCOUNT NO.</b>
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**PROJECT DESCRIPTION**  
 FY 17-18 - Design will consist of improvements from upstream of Sycamore Road to upstream of Mill Street. The construction of open ditch improvements and larger culverts under Mill Street will commence in FY 18-19.

**BACKGROUND/HISTORY**  
 Currently, the Town has received a TDOT grant to enhance Center Street. Prior to making these improvements, a box culvert under Center Street will need to be replaced to help reduce flooding upstream. In order to replace the box culvert, the main ditch (North Branch of Lateral C of Nonconnah Creek) that drains the downtown area will need to be improved in order to handle the additional flow from the larger box culvert. Cunningham Engineering completed a study in February 2013 outlining improvements that need to be made. The study indicated that the open ditch from U.S. 72 to Center Street needed to be deeper and wider to convey the runoff. In addition, the culverts under Sycamore, Mills and Center Street will need to be increased to handle the additional flow. The first phase of this project will be enlarging the open ditch and increasing the culvert size under Sycamore. After this phase, the subsequent improvements to Lateral C will consist of modifications to the existing open ditch that runs from U.S. 72 to Sycamore Road along with the installation of a larger box culvert under Sycamore Road just north of South Street.

**IMPACT ON OPERATING BUDGET**  
 Minor maintenance on ditch from year-to-year.

PROJECT COSTS	Prior Appropriations	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	TOTAL
LAND/RIGHT OF WAY							-
DESIGN/ENGINEERING			35.0				35.0
UTILITY RELOCATION							-
CONSTRUCTION				425.0			425.0
LANDSCAPING							-
EQUIPMENT/FURNISHINGS							-
OTHER							-
<b>TOTAL COSTS</b>	-	-	35.0	425.0	-	-	460.0
SOURCE OF FUNDS	Prior Appropriations	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	TOTAL
GENERAL FUND							-
WATER & SEWER FUND							-
BONDS							-
OTHER - CDBG Grants				200.0			200.0
OTHER - Stormwater Fees			35.0	225.0			260.0
<b>TOTAL SOURCE</b>	-	-	35.0	425.0	-	-	460.0



PROJECT SCHEDULE	START	FINISH
LAND/RIGHT OF WAY	2/18	5/18
DESIGN/ENGINEERING	9/17	12/17
UTILITY RELOCATION	7/18	12/17
CONSTRUCTION	7/18	12/18
<b>TOTAL PROJECT</b>	9/17	12/18

FY 2017		TOWN OF COLLIERVILLE CAPITAL INVESTMENT PROGRAM						(Amounts in 000's dollars)			
RESPONSIBLE DEPARTMENT		PROJECT TITLE				PROJECT MANAGER		ACCOUNT NO.			
Development		Miscellaneous Pedestrian Crossing Projects				Shane Richardson					
<b>PROJECT DESCRIPTION</b>											
This project will consist of the installation of new brick paver crosswalks, repair of existing brick paver crosswalks, new signage and traffic pavement markings of Greenbelt crossings around Town. The engineering work will be done in house by Town Staff, and Public Services would install the new signage.											
<b>BACKGROUND/HISTORY</b>											
The Town has several Greenbelt crossings on major roads around Town (Shelton Road just west of Peterson Lake Road, Wolf River Boulevard just east of Bray Station Road, Frank Road just west of Byhalia Road). In addition, there are existing brick paver crosswalks in Town that are starting to deteriorate due to age (these crosswalks are located on the Square). Also, there are intersections around the Square where new pavers would improve the aesthetics of the area (Walnut Street at North Rowlett, Natchez Street at Mt. Pleasant Road).											
<b>IMPACT ON OPERATING BUDGET</b>								<b>LOCATION MAP</b>			
Normal routine maintenance.								Varied Locations.			
PROJECT COSTS		Prior Appropriations	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021				TOTAL
LAND/RIGHT OF WAY											-
DESIGN/ENGINEERING											-
UTILITY RELOCATION											-
CONSTRUCTION				50.0							50.0
LANDSCAPING											-
EQUIPMENT/FURNISHINGS											-
OTHER											-
<b>TOTAL COSTS</b>		-	-	50.0	-	-	-				50.0
SOURCE OF FUNDS		Prior Appropriations	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	TOTAL			
GENERAL FUND				50.0				50.0			
WATER & SEWER FUND								-			
BONDS								-			
OTHER - TDOT								-			
OTHER -								-			
<b>TOTAL SOURCE</b>		-	-	50.0	-	-	-	50.0			
								PROJECT SCHEDULE	START	FINISH	
LAND/RIGHT OF WAY									N/A	N/A	
DESIGN/ENGINEERING									7/17	8/17	
UTILITY RELOCATION									N/A	N/A	
CONSTRUCTION									3/18	6/18	
<b>TOTAL PROJECT</b>									7/17	6/18	



**FY 2017** **TOWN OF COLLIERVILLE CAPITAL INVESTMENT PROGRAM** (Amounts in 000's dollars)

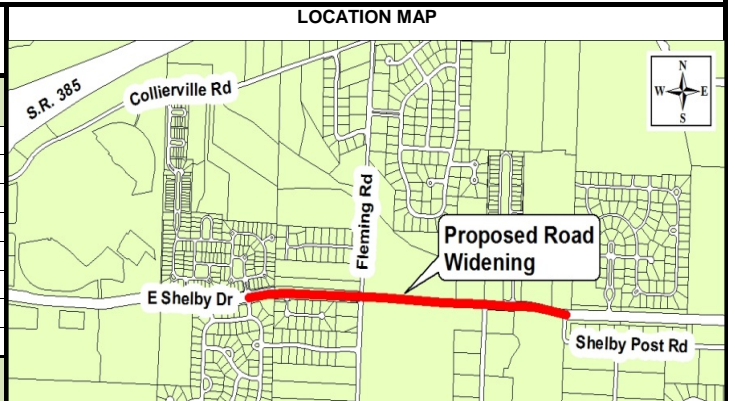
<b>RESPONSIBLE DEPARTMENT</b> Development	<b>PROJECT TITLE</b> Shelby Dr. Widening (Jasper Park to Shelby Post)	<b>PROJECT MANAGER</b> Frank McPhail	<b>ACCOUNT NO.</b>
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**PROJECT DESCRIPTION**  
Overall proposed scope of this project would widen Shelby 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 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. This project has been submitted to the Memphis Metropolitan Planning Organization for possible funding in their 2017-20 TIP. If approved, this project 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.

**IMPACT ON OPERATING BUDGET**  
None.

PROJECT COSTS	Prior Appropriations	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	TOTAL
LAND/RIGHT OF WAY							-
DESIGN/ENGINEERING			1,164.7				1,164.7
UTILITY RELOCATION							-
CONSTRUCTION							-
LANDSCAPING							-
EQUIPMENT/FURNISHINGS							-
OTHER							-
<b>TOTAL COSTS</b>	-	-	1,164.7	-	-	-	1,164.7
SOURCE OF FUNDS	Prior Appropriations	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	TOTAL
GENERAL FUND			232.9				232.9
WATER & SEWER FUND							-
BONDS							-
OTHER - TDOT			931.8				931.8
OTHER -							-
<b>TOTAL SOURCE</b>	-	-	1,164.7	-	-	-	1,164.7



PROJECT SCHEDULE	START	FINISH
LAND/RIGHT OF WAY	1/21	3/22
DESIGN/ENGINEERING	1/18	1/20
UTILITY RELOCATION	5/23	6/25
CONSTRUCTION	5/23	6/25
<b>TOTAL PROJECT</b>	1/18	6/25

FY 2017								TOWN OF COLLIERVILLE CAPITAL INVESTMENT PROGRAM				(Amounts in 000's dollars)		
RESPONSIBLE DEPARTMENT		PROJECT TITLE				PROJECT MANAGER		ACCOUNT NO.						
Development		Queen Oaks, Ph. 3				Jason Walters								
PROJECT DESCRIPTION														
FY 18-19 - Design, permitting of a project to help stabilize approximately 4,900 linear feet of ditch stream banks from Powell Road to Peterson Lake Road. To complete the project, an Aquatic Resource Alteration Permit from TDEC and easements for improvements would be required.														
FY 19-20 - Construction of stream bank stabilization project from Powell Road to Peterson Lake Road.														
BACKGROUND/HISTORY														
The completion of Queen Oaks Phase 1, the detention facility, helped stabilize the banks for approximately eight lots along Rillbrook Drive as well as reduced the flooding potential in the Lateral J drainage basin. Queen Oaks Phase 2 plans are complete. However, another alternative is being considered for a more permanent solution. Phase 2 will help stabilize the banks from the end of the detention facility to Powell Road. However, the project did not include improvements to the ditch for the remaining lots in Eastbrook 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 lose property and there is the potential for loss of fences and other structures along the ditch.														
IMPACT ON OPERATING BUDGET								LOCATION MAP						
Minimal impact - routine maintenance of drainage structures, including repair of minor erosion.														
PROJECT COSTS		Prior Appropriations	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	TOTAL						
LAND/RIGHT OF WAY								-						
DESIGN/ENGINEERING					47.5			47.5						
UTILITY RELOCATION								-						
CONSTRUCTION						525.0		525.0						
LANDSCAPING								-						
EQUIPMENT/FURNISHINGS								-						
OTHER								-						
TOTAL COSTS		-	-	-	47.5	525.0	-	572.5						
SOURCE OF FUNDS		Prior Appropriations	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	TOTAL						
GENERAL FUND								-						
WATER & SEWER FUND								-						
BONDS								-						
OTHER -								-						
OTHER - Stormwater Fees					47.5	525.0		572.5						
TOTAL SOURCE		-	-	-	47.5	525.0	-	572.5						
									PROJECT SCHEDULE	START	FINISH			
									LAND/RIGHT OF WAY	3/19	6/19			
									DESIGN/ENGINEERING	8/18	2/19			
									UTILITY RELOCATION	N/A	N/A			
									CONSTRUCTION	7/19	11/19			
									TOTAL PROJECT	8/18	11/19			

**FY 2017** **TOWN OF COLLIERVILLE CAPITAL INVESTMENT PROGRAM** (Amounts in 000's dollars)

<b>RESPONSIBLE DEPARTMENT</b> Development	<b>PROJECT TITLE</b> Houston Downs Drainage Improvements	<b>PROJECT MANAGER</b> Dale Perryman	<b>ACCOUNT NO.</b>
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**PROJECT DESCRIPTION**  
This project will include the installation of 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.

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

**IMPACT ON OPERATING BUDGET**  
None to minimal.

PROJECT COSTS	Prior Appropriations	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	TOTAL
LAND/RIGHT OF WAY							-
DESIGN/ENGINEERING							-
UTILITY RELOCATION							-
CONSTRUCTION				50.0			50.0
LANDSCAPING							-
EQUIPMENT/FURNISHINGS							-
OTHER							-
<b>TOTAL COSTS</b>	-	-	-	50.0	-	-	50.0
SOURCE OF FUNDS	Prior Appropriations	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	TOTAL
GENERAL FUND							-
WATER & SEWER FUND							-
BONDS							-
OTHER -							-
OTHER - Stormwater Fees				50.0			50.0
<b>TOTAL SOURCE</b>	-	-	-	50.0	-	-	50.0



PROJECT SCHEDULE	START	FINISH
DESIGN/ENGINEERING	4/17	6/17
LAND/RIGHT OF WAY	11/16	2/17
UTILITY RELOCATION	7/18	11/18
CONSTRUCTION	7/18	11/18
<b>TOTAL PROJECT</b>	11/16	11/18

**FY 2017** **TOWN OF COLLIERVILLE CAPITAL INVESTMENT PROGRAM** (Amounts in 000's dollars)

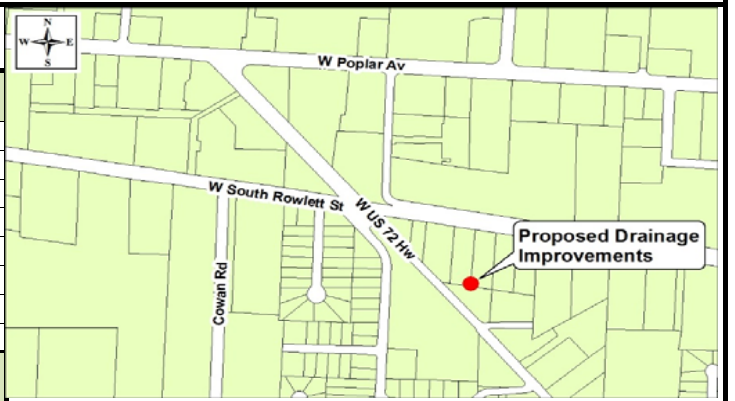
<b>RESPONSIBLE DEPARTMENT</b> Development	<b>PROJECT TITLE</b> South Rowlett Drainage Improvements	<b>PROJECT MANAGER</b> Dale Perryman	<b>ACCOUNT NO.</b>
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**PROJECT DESCRIPTION**  
This project will consist of the installation of drainage pipe, inlets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

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

**IMPACT ON OPERATING BUDGET**  
None to minimal.

PROJECT COSTS	Prior Appropriations	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	TOTAL
LAND/RIGHT OF WAY							-
DESIGN/ENGINEERING							-
UTILITY RELOCATION							-
CONSTRUCTION				85.0			85.0
LANDSCAPING							-
EQUIPMENT/FURNISHINGS							-
OTHER							-
<b>TOTAL COSTS</b>	-	-	-	85.0	-	-	85.0
SOURCE OF FUNDS	Prior Appropriations	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	TOTAL
GENERAL FUND							-
WATER & SEWER FUND							-
BONDS							-
OTHER -							-
OTHER - Stormwater Fees				85.0			85.0
<b>TOTAL SOURCE</b>	-	-	-	85.0	-	-	85.0



PROJECT SCHEDULE	START	FINISH
DESIGN/ENGINEERING	9/17	12/17
LAND/RIGHT OF WAY	1/17	6/17
UTILITY RELOCATION	8/18	12/18
CONSTRUCTION	8/18	12/18
<b>TOTAL PROJECT</b>	1/17	12/18

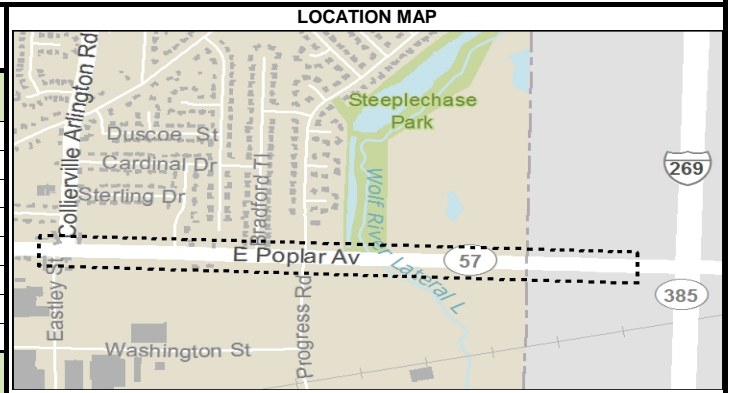
**FY 2017** **TOWN OF COLLIERVILLE CAPITAL INVESTMENT PROGRAM** (Amounts in 000's dollars)

<b>RESPONSIBLE DEPARTMENT</b> Development	<b>PROJECT TITLE</b> SR 57 Widening Project (MPO) - ROW Acquisition	<b>PROJECT MANAGER</b> Frank McPhail	<b>ACCOUNT NO.</b> 321-43120-932-2015
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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. This project has been submitted to the Memphis Metropolitan Planning Organization for possible funding in their 2017-20 Transportation Improvement Program (TIP). If approved, this project would 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.

**IMPACT ON OPERATING BUDGET**  
None. This is a State Route.



PROJECT COSTS	Prior Appropriations	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	TOTAL
LAND/RIGHT OF WAY				2,268.0			2,268.0
DESIGN/ENGINEERING	937.5						937.5
UTILITY RELOCATION							-
CONSTRUCTION							-
LANDSCAPING							-
EQUIPMENT/FURNISHINGS							-
OTHER							-
<b>TOTAL COSTS</b>	937.5	-	-	2,268.0	-	-	3,205.5
SOURCE OF FUNDS	Prior Appropriations	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	TOTAL
GENERAL FUND	187.5			453.6			641.1
WATER & SEWER FUND							-
BONDS							-
OTHER -							-
OTHER - TDOT	750.0			1,814.4			2,564.4
<b>TOTAL SOURCE</b>	937.5	-	-	2,268.0	-	-	3,205.5

PROJECT SCHEDULE	START	FINISH
DESIGN/ENGINEERING	9/15	2/18
LAND/RIGHT OF WAY	10/18	10/20
UTILITY RELOCATION	10/20	10/23
CONSTRUCTION	10/20	10/23
<b>TOTAL PROJECT</b>	9/15	10/23

**FY 2017** **TOWN OF COLLIERVILLE CAPITAL INVESTMENT PROGRAM** (Amounts in 000's dollars)

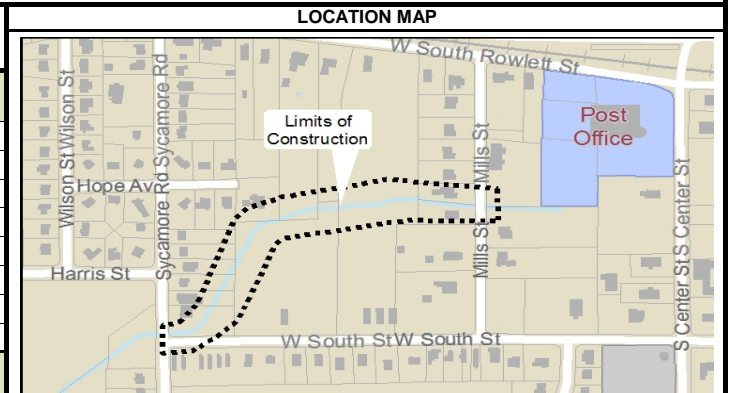
<b>RESPONSIBLE DEPARTMENT</b> Development	<b>PROJECT TITLE</b> Drainage Improvements - Center St. to Mill Street	<b>PROJECT MANAGER</b> Dale Perryman	<b>ACCOUNT NO.</b>
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**PROJECT DESCRIPTION**  
 FY 19-20 - Design will consist of improvements from just upstream of Mill Street to upstream of Center Street. Planned improvements include an open concrete channel, ditch work, and a larger pipe under Center Street. Construction of this phase is anticipated to occur in FY 20-21.

**BACKGROUND/HISTORY**  
 Currently, the Town has received a TDOT grant to enhance Center Street. Prior to making these improvements, a box culvert under Center Street will need to be replaced to help reduce flooding upstream. In order to replace the box culvert, the main ditch (North Branch of Lateral C of Nonconnah Creek) that drains the downtown area will need to be improved in order to handle the additional flow from the larger box culvert. Cunningham Engineering completed a study in February 2013 outlining improvements that need to be made. The study indicated that the open ditch from U.S. 72 to Center Street needed to be deeper and wider to convey the runoff. In addition, the culverts under Sycamore, Mills and Center Street will need to be increased to handle the additional flow. The first phase of this project will be enlarging the open ditch and increasing the culvert size under Sycamore. After this phase, the subsequent improvements to Lateral C will consist of modifications to the existing open ditch that runs from U.S. 72 to Sycamore Road along with the installation of a larger box culvert under Sycamore Road just north of South Street.

**IMPACT ON OPERATING BUDGET**  
 Minor maintenance on ditch from year-to-year.

PROJECT COSTS	Prior Appropriations	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	TOTAL
LAND/RIGHT OF WAY							-
DESIGN/ENGINEERING					35.0		35.0
UTILITY RELOCATION							-
CONSTRUCTION						375.0	375.0
LANDSCAPING							-
EQUIPMENT/FURNISHINGS							-
OTHER							-
<b>TOTAL COSTS</b>	-	-	-	-	35.0	375.0	410.0
SOURCE OF FUNDS	Prior Appropriations	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	TOTAL
GENERAL FUND							-
WATER & SEWER FUND							-
BONDS							-
OTHER - CDBG Grants						200.0	200.0
OTHER - Stormwater Fees					35.0	175.0	210.0
<b>TOTAL SOURCE</b>	-	-	-	-	35.0	375.0	410.0



PROJECT SCHEDULE	START	FINISH
LAND/RIGHT OF WAY	2/20	5/20
DESIGN/ENGINEERING	9/19	12/19
UTILITY RELOCATION	8/20	1/21
CONSTRUCTION	8/20	1/21
<b>TOTAL PROJECT</b>	<b>9/19</b>	<b>1/21</b>

**FY 2017****PUBLIC SAFETY CIP SUMMARY**

(Amounts in 000's dollars)

	APPROVED FY 2017	PROJECTED FY 2018	PROJECTED FY 2019	PROJECTED FY 2020	PROJECTED FY 2021	TOTAL 5 YEAR CIP
<b>PROJECT</b>						
<b>Public Safety</b>						
Police Firing Range	250.0	-	-	-	-	250.0
Fire Station #2 Renovations	350.0	-	-	-	-	350.0
Replacement Rescue/Pumper	-	-	738.0	-	-	738.0
<b>Total Public Safety CIP</b>	<b>600.0</b>	<b>-</b>	<b>738.0</b>	<b>-</b>	<b>-</b>	<b>1,338.0</b>
<b>Funding Sources</b>						
Fire Facility Fees	347.0	-	400.0	-	-	747.0
Police Privilege Tax	250.0	-	-	-	-	250.0
General Fund Reserves	3.0	-	338.0	-	-	341.0
<b>Total Funding Sources</b>	<b>600.0</b>	<b>-</b>	<b>738.0</b>	<b>-</b>	<b>-</b>	<b>1,338.0</b>

FY 2017		TOWN OF COLLIERVILLE CAPITAL INVESTMENT PROGRAM						(Amounts in 000's dollars)			
<b>RESPONSIBLE DEPARTMENT</b>		<b>PROJECT TITLE</b>				<b>PROJECT MANAGER</b>		<b>ACCOUNT NO.</b>			
Police		Firing Range				Capt. Sean Williams		321-42100-939-201601			
<b>PROJECT DESCRIPTION</b>											
This phased project allows for the construction of a new Police Department firing range. The location of the range is currently undetermined. The project will consist of a firing range with approximate dimensions of 150 feet in width and 375 feet in length. The range will be equipped with 20 fixed firing lanes ranging from 0 to 25 yards, along with capabilities of some of these lanes having firing positions from 25 to 100 yards. There will be a shooting pad for rifle training/qualifications at 100 yards. The range will have rotating pneumatic targets to simulate real live fire incidents, along with a training and storage facility to be built on the grounds of the range. The construction of a restroom is part of the project that can be included within the storage facility. An observation deck, from atop of the storage facility has been included in the scope of the project as well.											
<b>BACKGROUND/HISTORY</b>											
The Police Departments' firing range is currently located on a section of property at the Shelton Road Wastewater Treatment Plant. The Police Firing Range project received approved funding during FY2016 in the amount of \$250,000.00 to facilitate the purchase of property suitable for the design and construction of a new police firing range. The five year CIP plan earmarks an additional \$250,000.00 in FY2017 for the actual design and construction of the range. This project has been discussed since 2008 due to the encroachment of residential developments surrounding the current police firing range, a situation that has forced us to cease training with long guns and other weapon systems due to safety concerns based on the location and condition of our firing range and the close proximity of residential subdivisions. The Firing Range was approved for preliminary funding of \$250,000.00 within the FY 2015-2016 adopted Capital Improvement Budget and additional funding of \$250,000.00 is requested in the current budget year, FY 2016-2017.											
<b>IMPACT ON OPERATING BUDGET</b>								<b>LOCATION MAP</b>			
Uncertain until final location and needs are determined.								Location to be determined.			
<b>PROJECT COSTS</b>		<b>Prior Appropriations</b>	<b>FY 2017</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>	<b>FY 2021</b>				<b>TOTAL</b>
LAND/RIGHT OF WAY											-
DESIGN/ENGINEERING											-
UTILITY RELOCATION											-
CONSTRUCTION											-
LANDSCAPING											-
EQUIPMENT/FURNISHINGS											-
OTHER - Police Privilege Tax		250.0	250.0								500.0
<b>TOTAL COSTS</b>		<b>250.0</b>	<b>250.0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>				<b>500.0</b>
<b>SOURCE OF FUNDS</b>		<b>Prior Appropriations</b>	<b>FY 2017</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>	<b>FY 2021</b>	<b>TOTAL</b>	<b>PROJECT SCHEDULE</b>	<b>START</b>	<b>FINISH</b>
GENERAL FUND								-	LAND/RIGHT OF WAY	7/15	6/18
WATER & SEWER FUND								-	DESIGN/ENGINEERING	7/15	6/18
BONDS								-	UTILITY RELOCATION	N/A	N/A
OTHER -								-	CONSTRUCTION		
OTHER - Police Privilege Tax		250.0	250.0					500.0	<b>TOTAL PROJECT</b>	<b>7/15</b>	<b>6/18</b>
<b>TOTAL SOURCE</b>		<b>250.0</b>	<b>250.0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>500.0</b>			



**FY 2017** **TOWN OF COLLIERVILLE CAPITAL INVESTMENT PROGRAM** (Amounts in 000's dollars)

<b>RESPONSIBLE DEPARTMENT</b> General Services	<b>PROJECT TITLE</b> Fire Station #2 Renovation	<b>PROJECT MANAGER</b> Derek Honeycutt	<b>ACCOUNT NO.</b> 321-42200-922-201701
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**PROJECT DESCRIPTION**  
 The building renovation and expansion project will require contracting with an architectural design firm for preparing construction drawings and specifications to increase the current 3,832 sq. ft. building by 960 sq. ft. for a total building footprint of 4,792 sq. ft. The construction phase of the project will include expanding the west end of the building in order to relocate the bed hall and create new bathrooms with showers. The existing bed hall will be turned into a new office for the Battalion Chief and a new room for relocating the washer and dryer units from the truck bay and food lockers from the living area. Interior upgrades will take place in the kitchen and dayroom areas along with ADA improvements to meet current building codes. Currently, there is minimal storage space for turn-out gear, medical supplies, and other firefighting equipment in the bay area. Additional storage will be created by adding a door between the truck bay and vacated Battalion Chief's office. No exterior improvements will be necessary other than installing new energy efficient windows. New HVAC equipment and parking lot expansion will be a part of the project scope.

**BACKGROUND/HISTORY**  
 The current building is 3,832 sq. ft. and was constructed in 1975 with steel framing, metal sided exterior with a corrugated metal roof system. Building contains two (2) offices, one (1) bathroom, one (1) restroom, kitchen/dayroom/dining area, bed hall with four (4) beds and two (2) truck bays with four (4) 15 ft. overhead electric doors. The building is listed as average condition by the most recent insurance appraisal.

A new 5,000 psi concrete apron was installed in 2005. Minor interior improvements took place in 2007 which included the creation of an office, addition of acoustic ceilings, ceramic tile floors, upgrades to the bathroom, and new countertops in the kitchen. Improvements to the truck bay areas were completed in 2012 which consisted of upgrading the electrical wiring system and light fixtures to fluorescent units with seismic strapping, bay heaters and bay door operators.

The roof system has approximately fifteen (15) years remaining of useful life.

**IMPACT ON OPERATING BUDGET**  
 Minimal to none. Minor increase in electrical due to additional light fixtures and HVAC coverage.

PROJECT COSTS	Prior Appropriations	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	TOTAL
LAND/RIGHT OF WAY							-
DESIGN/ENGINEERING		26.0					26.0
UTILITY RELOCATION							-
CONSTRUCTION			324.0				324.0
LANDSCAPING							-
EQUIPMENT/FURNISHINGS							-
OTHER							-
<b>TOTAL COSTS</b>	-	26.0	324.0	-	-	-	350.0
SOURCE OF FUNDS	Prior Appropriations	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	TOTAL
GENERAL FUND			324.0				324.0
WATER & SEWER FUND							-
BONDS							-
OTHER -							-
OTHER - Fire Facility Fees		26.0					26.0
<b>TOTAL SOURCE</b>	-	26.0	324.0	-	-	-	350.0

PROJECT SCHEDULE	START	FINISH
LAND/RIGHT OF WAY	N/A	N/A
DESIGN/ENGINEERING	12/16	5/17
UTILITY RELOCATION	N/A	N/A
CONSTRUCTION	8/17	1/18
<b>TOTAL PROJECT</b>	12/16	1/18

**FY 2016** **TOWN OF COLLIERVILLE CAPITAL INVESTMENT PROGRAM** (Amounts in 000's dollars)

<b>RESPONSIBLE DEPARTMENT</b> Fire	<b>PROJECT TITLE</b> Replacement Rescue Pumper	<b>PROJECT MANAGER</b> Chief Mark King	<b>ACCOUNT NO.</b>
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**PROJECT DESCRIPTION**  
 This phased project allows for the construction of a new Police Department firing range. The location of the range is currently undetermined. The project will consist of a firing range with approximate dimensions of 150 feet in width and 375 feet in length. The range will be equipped with 20 fixed firing lanes ranging from 0 to 25 yards, along with capabilities of some of these lanes having firing positions from 25 to 100 yards. There will be a shooting pad for rifle training/qualifications at 100 yards. The range will have rotating pneumatic targets to simulate real live fire incidents, along with a training and storage facility to be built on the grounds of the range. The construction of a restroom is part of the project that can be included within the storage facility. An observation deck, from atop of the storage facility has been included in the scope of the project as well.


**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**  
 None, as this is a replacement vehicle.

PROJECT COSTS	Prior Appropriations	FY 2017	FY 2018	FY 2019	FY 2019	FY 2021	TOTAL
LAND/RIGHT OF WAY							-
DESIGN/ENGINEERING							-
UTILITY RELOCATION							-
CONSTRUCTION					580.0		580.0
LANDSCAPING							-
EQUIPMENT/FURNISHINGS					158.0		158.0
OTHER							-
<b>TOTAL COSTS</b>	-	-	-	-	738.0	-	738.0
SOURCE OF FUNDS	Prior Appropriations	FY 2017	FY 2018	FY 2019	FY 2019	FY 2021	TOTAL
GENERAL FUND					338.0		338.0
WATER & SEWER FUND							-
BONDS							-
OTHER -							-
OTHER - Fire Facility Fees					400.0		400.0
<b>TOTAL SOURCE</b>	-	-	-	-	738.0	-	738.0

**2019 Rescue Pumper**



PROJECT SCHEDULE	START	FINISH
LAND/RIGHT OF WAY	N/A	N/A
DESIGN/ENGINEERING	7/18	2/19
UTILITY RELOCATION	N/A	N/A
CONSTRUCTION	3/19	12/19
<b>TOTAL PROJECT</b>	7/18	12/19

**FY 2017****PARKS AND RECREATION CIP SUMMARY**

(Amounts in 000's dollars)

	APPROVED FY 2017	PROJECTED FY 2018	PROJECTED FY 2019	PROJECTED FY 2020	PROJECTED FY 2021	TOTAL 5 YEAR CIP
<b>PROJECT</b>						
<b>Parks &amp; Recreation</b>						
Park Maintenance Equipment	65.0	90.0	120.0	95.0	75.0	445.0
Playground Surfaces Renovations	100.0	-	-	-	100.0	200.0
Town Square Restrooms	232.0	-	-	-	-	232.0
H.W. Cox Baseball Complex Lighting Renovation	350.0	-	-	-	-	350.0
Equipment Wash Down Station	-	70.0	-	-	-	70.0
Halle Park - Playground	-	120.0	-	-	-	120.0
Parking Lot Overlays - H.W. Cox	-	135.0	-	-	-	135.0
Greenbelt System	-	250.0	-	100.0	-	350.0
Tom Brooks Park	-	290.0	-	195.0	-	485.0
Estanuala Park Restrooms	-	-	195.0	-	-	195.0
Medians - Irrigation/Landscaping	-	-	200.0	-	-	200.0
Harrell Theatre Renovations - Seating	-	-	-	85.0	-	85.0
H.W. Cox Tennis Lights - Renovations	-	-	-	-	100.0	100.0
W.C.J. West Complex - Synthetic Turf Renovations	-	-	-	-	500.0	500.0
<b>Total Parks &amp; Recreation CIP</b>	<b>747.0</b>	<b>955.0</b>	<b>515.0</b>	<b>475.0</b>	<b>775.0</b>	<b>3,467.0</b>
<b>Funding Sources</b>						
General Obligation Bonds	-	-	-	-	-	-
Parks Improvement Funds	682.0	660.0	195.0	380.0	700.0	2,617.0
Equipment Replacement Reserves	-	-	-	-	-	-
General Fund Reserves	65.0	295.0	320.0	95.0	75.0	850.0
<b>Total Funding Sources</b>	<b>747.0</b>	<b>955.0</b>	<b>515.0</b>	<b>475.0</b>	<b>775.0</b>	<b>3,467.0</b>

**FY 2017** **TOWN OF COLLIERVILLE CAPITAL INVESTMENT PROGRAM** (Amounts in 000's dollars)

<b>RESPONSIBLE DEPARTMENT</b> Parks and Recreation	<b>PROJECT TITLE</b> Parks Maintenance Equipment	<b>PROJECT MANAGER</b> Neil Wiseman	<b>ACCOUNT NO.</b> 321-44400-943-201701
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**PROJECT DESCRIPTION**  
 The acquisition of new and replacement equipment for the operation of Park Maintenance.

2017 - 10' Parks Grounds Mower (replacement)  
 2018 – 16 ft. Rough mower  
 2019 – 68 inch Athletic field mower 3500(replacement) & 9 ft. 4500 Athletic field mower (replacement)  
 2020 – Backhoe  
 2021 – Tree boom lift

**BACKGROUND/HISTORY**  
 The Department Equipment Replacement Plans calls for mowing units to be replaced every six (6) years and tractors & backhoes to be replaced every fifteen (15) years. All replacement equipment noted above are overdue for replacement.

**IMPACT ON OPERATING BUDGET**  
 A reduction in labor, parts, and maintenance downtime for required upkeep of older equipment.

**LOCATION MAP**

N/A

PROJECT COSTS	Prior Appropriations	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	TOTAL
LAND/RIGHT OF WAY							-
DESIGN/ENGINEERING							-
UTILITY RELOCATION							-
CONSTRUCTION							-
LANDSCAPING							-
EQUIPMENT/FURNISHINGS		65.0	90.0	120.0	95.0	75.0	445.0
OTHER							-
<b>TOTAL COSTS</b>	-	65.0	90.0	120.0	95.0	75.0	445.0
SOURCE OF FUNDS	Prior Appropriations	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	TOTAL
GENERAL FUND		65.0	90.0	120.0	95.0	75.0	445.0
WATER & SEWER FUND							-
BONDS							-
Equipment Replacement Reserves							-
OTHER -							-
<b>TOTAL SOURCE</b>	-	65.0	90.0	120.0	95.0	75.0	445.0

PROJECT SCHEDULE	START	FINISH
LAND/RIGHT OF WAY	N/A	N/A
DESIGN/ENGINEERING	N/A	N/A
UTILITY RELOCATION	N/A	N/A
CONSTRUCTION	N/A	N/A
<b>TOTAL PROJECT</b>	12/16	6/21

**FY 2017** **TOWN OF COLLIERVILLE CAPITAL INVESTMENT PROGRAM** (Amounts in 000's dollars)

<b>RESPONSIBLE DEPARTMENT</b> Parks and Recreation	<b>PROJECT TITLE</b> Playground Surfaces Renovations	<b>PROJECT MANAGER</b> Greg Clark	<b>ACCOUNT NO.</b> 321-44400-937-201601
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**PROJECT DESCRIPTION**  
 This project is for the renovation and upgrade of existing playgrounds with the installation of poured-in-place rubber safety surfacing and ADA access points. Safety surfacing creates a safe play fall-zone, allows for total access by all users, and eliminates routine maintenance of the surface.

2017 - Ashton Hall, Steeplechase and Planter's Ridge surface installations  
 2021 - H.W. Cox (3)

**BACKGROUND/HISTORY**  
 Over the years, the Town has used various materials for playground surfacing including rubber mulch and sand. Oakmont, Ashton Hall, Steeplechase, Planter's Ridge & Estanaula playgrounds are all located in heavily used parks and have sand materials that need to be replaced as well. This proposed work will help bring the Town into compliance with the 2012 Modification of the 1991 ADA laws.

**IMPACT ON OPERATING BUDGET**  
 \$3,900 per year reduction in maintenance upkeep and materials.

**LOCATION MAP**

Neighborhood Parks to include:

Ashton Hall  
 Steeplechase  
 Planter's Ridge

PROJECT COSTS	Prior Appropriations	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	TOTAL
LAND/RIGHT OF WAY							-
DESIGN/ENGINEERING							-
UTILITY RELOCATION							-
CONSTRUCTION	50.0	100.0				100.0	250.0
LANDSCAPING							-
EQUIPMENT/FURNISHINGS							-
OTHER							-
<b>TOTAL COSTS</b>	<b>50.0</b>	<b>100.0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>100.0</b>	<b>250.0</b>

SOURCE OF FUNDS	Prior Appropriations	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	TOTAL
GENERAL FUND							-
WATER & SEWER FUND							-
BONDS							-
OTHER -							-
OTHER - \$.10 Park Improvement Funds	50.0	100.0				100.0	250.0
<b>TOTAL SOURCE</b>	<b>50.0</b>	<b>100.0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>100.0</b>	<b>250.0</b>

PROJECT SCHEDULE	START	FINISH
LAND/RIGHT OF WAY	N/A	N/A
DESIGN/ENGINEERING	N/A	N/A
UTILITY RELOCATION	N/A	N/A
CONSTRUCTION	10/16	2/21
<b>TOTAL PROJECT</b>	<b>10/16</b>	<b>2/21</b>

**FY 2017** **TOWN OF COLLIERVILLE CAPITAL INVESTMENT PROGRAM** (Amounts in 000's dollars)

<b>RESPONSIBLE DEPARTMENT</b> Parks and Recreation	<b>PROJECT TITLE</b> Town Square Restrooms	<b>PROJECT MANAGER</b> Derek Honeycutt	<b>ACCOUNT NO.</b> 321-44400-922-201603
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**PROJECT DESCRIPTION**  
 The scope of this project will include the demolition of the current building, possible re-location of the square’s irrigation system back-flow preventer located directly adjacent to the building on the east side, and the construction of a new ADA compliant structure with the following new amenities: new sanitary sewer lines, upgrade to electrical service for new HVAC system (A/C and heat), energy efficient LED light fixtures, possible use of natural light to reduce energy costs, and storage/custodian closet. The women’s restroom will have four (4) stalls, two (2) sinks and a changing station; the men’s restroom will contain two (2) stalls, two (2) urinals, two (2) sinks and a changing station. Included in the project will be the possible re-location of the flag plaza or the installation of an in-ground light for the current flag plaza adjacent the building on Main Street. Use of long-life exterior products will be incorporated into the building design.

Special project considerations:

\*Permission will need to be obtained from the railroad for construction activities on federal railroad right-of-way.

\*Temporary restroom facilities will need to be planned for because the construction period for the project will take place during planned square events.

**BACKGROUND/HISTORY**

The square restroom building is located at 125 North Rowlett. The 1997, 576 sq. ft. building consists of a concrete block/wood siding exterior with asphalt shingle roof system. The 2014 insurance schedule values the building and all of the contents at \$93,793. The building currently lacks a storage closet for cleaning and toiletry supplies, air conditioning and suffers intermittent clogged drains.

The current building footprint and amenities are not sufficiently sized which does not accommodate the crowds attending events on the square. Long lines are regular occurrences at the majority of events due to the minimum number of available toilets and urinals. Without air conditioning during the summer months, the temperature in the restrooms can rise to an uncomfortable number creating an unpleasant experience for event attendees and park visitors.

**IMPACT ON OPERATING BUDGET**

Slight increase in utilities (new HVAC system), and custodial services/supplies (larger building foot print).

PROJECT COSTS	Prior Appropriations	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	TOTAL
LAND/RIGHT OF WAY							-
DESIGN/ENGINEERING	18.0						18.0
UTILITY RELOCATION							-
CONSTRUCTION		232.0					232.0
LANDSCAPING							-
EQUIPMENT/FURNISHINGS							-
OTHER							-
<b>TOTAL COSTS</b>	18.0	232.0	-	-	-	-	250.0
SOURCE OF FUNDS	Prior Appropriations	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	TOTAL
GENERAL FUND							-
WATER & SEWER FUND							-
BONDS							-
OTHER -							-
OTHER - \$.10 Park Improvement Funds	18.0	232.0					250.0
<b>TOTAL SOURCE</b>	18.0	232.0	-	-	-	-	250.0

**LOCATION MAP**



PROJECT SCHEDULE	START	FINISH
LAND/RIGHT OF WAY	N/A	N/A
DESIGN/ENGINEERING	12/15	6/16
UTILITY RELOCATION	N/A	N/A
CONSTRUCTION	8/16	1/17
<b>TOTAL PROJECT</b>	12/15	1/17

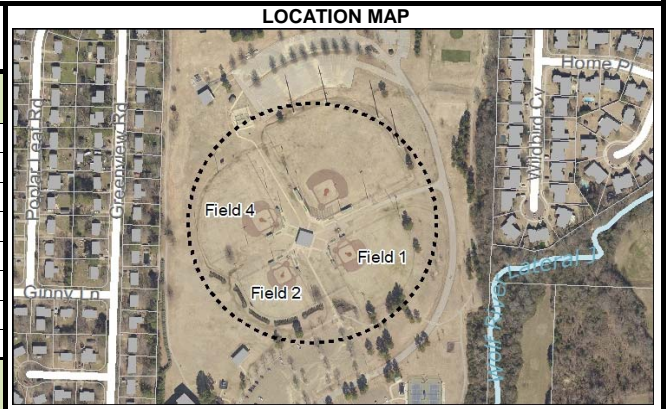
**FY 2017** **TOWN OF COLLIERVILLE CAPITAL INVESTMENT PROGRAM** (Amounts in 000's dollars)

<b>RESPONSIBLE DEPARTMENT</b> Parks and Recreation	<b>PROJECT TITLE</b> H.W. Cox Baseball Complex Lighting Renovation	<b>PROJECT MANAGER</b> Greg Clark	<b>ACCOUNT NO.</b> 321-44400-937-201701
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**PROJECT DESCRIPTION**  
 This project involves the re-lighting of three (3) baseball fields located at the H.W. Cox Baseball Complex and will include the installation of state-of-the-art athletic lighting system with control link features for operational efficiency. The updated system will provide a more efficient and effective lighting system reducing utilities while providing a safer playing field. Approximately 14 poles will be installed, with an approximate 72 fixtures.

**BACKGROUND/HISTORY**  
 The existing H.W. Cox Baseball fields and lights were installed in the 1980's. In excess of 20 years old, the lights have not been upgraded and have reduced illumination levels. The current wooden poles have twisted over time, thus changing the lighting directions. The lights on baseball field # 3 were upgraded in 2012 with new lighting system and control link features.

**IMPACT ON OPERATING BUDGET**  
 Reduction in maintenance operations and utility costs of \$2,500 per year.



PROJECT COSTS	Prior Appropriations	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	TOTAL
LAND/RIGHT OF WAY							-
DESIGN/ENGINEERING		50.0					50.0
UTILITY RELOCATION							-
CONSTRUCTION		300.0					300.0
LANDSCAPING							-
EQUIPMENT/FURNISHINGS							-
OTHER							-
<b>TOTAL COSTS</b>	-	350.0	-	-	-	-	350.0
SOURCE OF FUNDS	Prior Appropriations	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	TOTAL
GENERAL FUND							-
WATER & SEWER FUND							-
BONDS							-
OTHER -							-
OTHER - \$.10 Park Improvement Funds		350.0					350.0
<b>TOTAL SOURCE</b>	-	350.0	-	-	-	-	350.0

PROJECT SCHEDULE	START	FINISH
LAND/RIGHT OF WAY	N/A	N/A
DESIGN/ENGINEERING	10/16	12/16
UTILITY RELOCATION	N/A	N/A
CONSTRUCTION	6/17	8/17
<b>TOTAL PROJECT</b>	10/15	8/17

**FY 2017** **TOWN OF COLLIERVILLE CAPITAL INVESTMENT PROGRAM** (Amounts in 000's dollars)

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

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

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

**LOCATION MAP**  
  
 N/A

PROJECT COSTS	Prior Appropriations	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	TOTAL
LAND/RIGHT OF WAY							-
DESIGN/ENGINEERING							-
UTILITY RELOCATION							-
CONSTRUCTION							-
LANDSCAPING							-
EQUIPMENT/FURNISHINGS			70.0				70.0
OTHER							-
<b>TOTAL COSTS</b>	-	-	70.0	-	-	-	70.0

SOURCE OF FUNDS	Prior Appropriations	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	TOTAL
GENERAL FUND			70.0				70.0
WATER & SEWER FUND							-
BONDS							-
Equipment Replacement Reserves							-
OTHER -							-
<b>TOTAL SOURCE</b>	-	-	70.0	-	-	-	70.0

PROJECT SCHEDULE	START	FINISH
LAND/RIGHT OF WAY	N/A	N/A
DESIGN/ENGINEERING	11/17	12/17
UTILITY RELOCATION	N/A	N/A
CONSTRUCTION	1/18	3/18
<b>TOTAL PROJECT</b>	11/17	3/18



**FY 2017** **TOWN OF COLLIERVILLE CAPITAL INVESTMENT PROGRAM** (Amounts in 000's dollars)

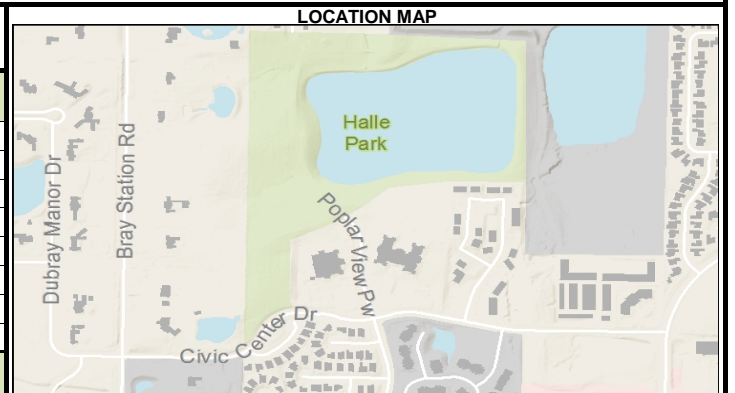
<b>RESPONSIBLE DEPARTMENT</b> Parks and Recreation	<b>PROJECT TITLE</b> Halle Park - Playground	<b>PROJECT MANAGER</b> Greg Clark	<b>ACCOUNT NO.</b>
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**PROJECT DESCRIPTION**  
The project includes the purchase and installation of an ADA accessible playground structure with accompanying shade structure. The installation of the elements will provide safe play and meeting areas for not only area residents, but also the large number of youth and adults that visit the Burch Library.

**BACKGROUND/HISTORY**  
Halle Park is a forty-four (44) acre park which incorporates Town Hall and the Library and also includes a 25 acre lake and 0.8 mile exercise trail. Currently, the Town does not have any designated play stations or shelters located at the park.

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

PROJECT COSTS	Prior Appropriations	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	TOTAL
LAND/RIGHT OF WAY							-
DESIGN/ENGINEERING							-
UTILITY RELOCATION							-
CONSTRUCTION			120.0				120.0
LANDSCAPING							-
EQUIPMENT/FURNISHINGS							-
OTHER							-
<b>TOTAL COSTS</b>	-	-	120.0	-	-	-	120.0
SOURCE OF FUNDS	Prior Appropriations	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	TOTAL
GENERAL FUND							-
WATER & SEWER FUND							-
BONDS							-
OTHER -							-
OTHER - \$.10 Park Improvement Funds			120.0				120.0
<b>TOTAL SOURCE</b>	-	-	120.0	-	-	-	120.0



PROJECT SCHEDULE	START	FINISH
LAND/RIGHT OF WAY	N/A	N/A
DESIGN/ENGINEERING	9/17	10/17
UTILITY RELOCATION	N/A	N/A
CONSTRUCTION	12/17	7/18
<b>TOTAL PROJECT</b>	9/17	7/18



**FY 2017** **TOWN OF COLLIERVILLE CAPITAL INVESTMENT PROGRAM** (Amounts in 000's dollars)

<b>RESPONSIBLE DEPARTMENT</b> Parks and Recreation	<b>PROJECT TITLE</b> Greenbelt System	<b>PROJECT MANAGER</b> Greg Clark	<b>ACCOUNT NO.</b>
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**PROJECT DESCRIPTION**  
 This project includes the design and construction of new greenbelt trails as outlined on the Collierville Greenbelt Master Plan. The Wolf River Regional Trail and the Nonconnah Creek Regional Trail are designed to connect existing trails and will further advance connections to the agency trails. The Wolf River Trail will be a part of the Wolf River Greenway System.  
 2018 - Wolf River Boulevard Trail - Phase II (Halle Nature Preserve to Almadale Farms) - TDEC LRPF grant.  
 2020 - Nonconnah Creek Trail (Schilling Boulevard to Byhalia Road).

**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 seventeen (17) miles of hard surface and primitive trails in place. Expansions of trails adjacent to the Wolf River and Nonconnah Creek have been highlighted for immediate Greenway System Expansion.

**IMPACT ON OPERATING BUDGET**  
 Approximately \$1,000 per year in additional trail maintenance expenses.

**LOCATION MAP**

PROJECT COSTS	Prior Appropriations	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	TOTAL
LAND/RIGHT OF WAY							-
DESIGN/ENGINEERING							-
UTILITY RELOCATION							-
CONSTRUCTION			250.0		100.0		350.0
LANDSCAPING							-
EQUIPMENT/FURNISHINGS							-
OTHER							-
<b>TOTAL COSTS</b>	-	-	250.0	-	100.0	-	350.0
SOURCE OF FUNDS	Prior Appropriations	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	TOTAL
GENERAL FUND							-
WATER & SEWER FUND							-
BONDS							-
OTHER -							-
OTHER - \$.10 Park Improvement Funds			250.0		100.0		350.0
<b>TOTAL SOURCE</b>	-	-	250.0	-	100.0	-	350.0

PROJECT SCHEDULE	START	FINISH
LAND/RIGHT OF WAY	N/A	N/A
DESIGN/ENGINEERING	10/18	1/19
UTILITY RELOCATION	N/A	N/A
CONSTRUCTION	4/18	4/20
<b>TOTAL PROJECT</b>	10/18	4/20

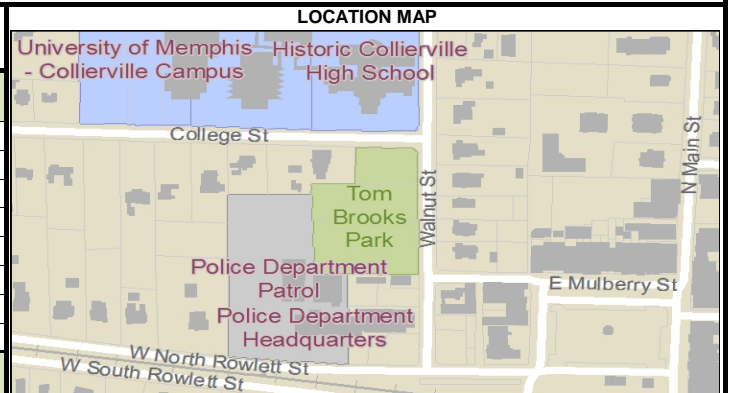
**FY 2017** **TOWN OF COLLIERVILLE CAPITAL INVESTMENT PROGRAM** (Amounts in 000's dollars)

<b>RESPONSIBLE DEPARTMENT</b> Parks and Recreation	<b>PROJECT TITLE</b> Tom Brooks Park	<b>PROJECT MANAGER</b> Greg Clark	<b>ACCOUNT NO.</b>
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**PROJECT DESCRIPTION**  
 FY 2018 - Phase II consists of new sidewalk with connection to College Street, seating walls, additional landscaping/irrigation as needed around the north side of the site and handicapped ramp and ADA accessibility.  
 FY 2020 - This phase will consist of construction of a restroom building, park access and related requirements such as irrigation, electrical and any additional lighting needs.

**BACKGROUND/HISTORY**  
 The park was built in 2008/09 by Town Staff on the site of the original First Baptist Church and was dedicated in 2009 to honor former Aldermen Tom Brooks. The initial phases included grading and drainage, electrical, irrigation, sod, and landscaping, site lighting, site amenities, and Civil War markers. The project was bid on a smaller scale in 2015, however, bids were considered out of line and rejected.

**IMPACT ON OPERATING BUDGET**  
 Increase in utilities by \$5,000/year. There are no additional costs projected for grounds maintenance.



PROJECT COSTS	Prior Appropriations	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	TOTAL
LAND/RIGHT OF WAY							-
DESIGN/ENGINEERING							-
UTILITY RELOCATION							-
CONSTRUCTION			290.0		195.0		485.0
LANDSCAPING							-
EQUIPMENT/FURNISHINGS							-
OTHER							-
<b>TOTAL COSTS</b>	-	-	290.0	-	195.0	-	485.0
SOURCE OF FUNDS	Prior Appropriations	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	TOTAL
GENERAL FUND							-
WATER & SEWER FUND							-
BONDS							-
OTHER -							-
OTHER - \$.10 Park Improvement Funds			290.0		195.0		485.0
<b>TOTAL SOURCE</b>	-	-	290.0	-	195.0	-	485.0

PROJECT SCHEDULE	START	FINISH
LAND/RIGHT OF WAY	N/A	N/A
DESIGN/ENGINEERING	8/16	10/16
UTILITY RELOCATION	N/A	N/A
CONSTRUCTION	3/16	6/16
<b>TOTAL PROJECT</b>	8/16	6/16

**FY 2017** **TOWN OF COLLIERVILLE CAPITAL INVESTMENT PROGRAM** (Amounts in 000's dollars)

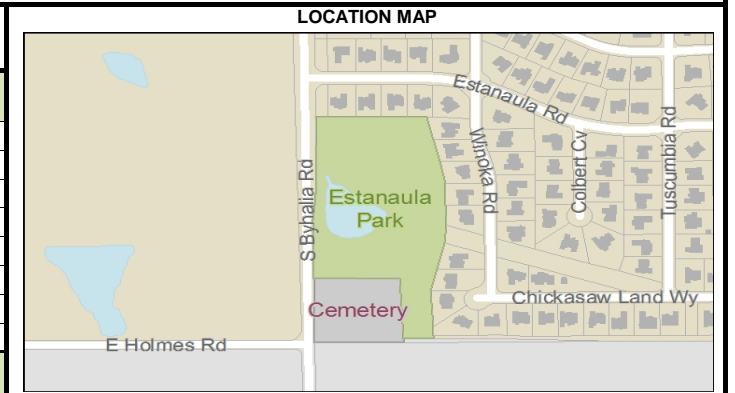
<b>RESPONSIBLE DEPARTMENT</b> Parks and Recreation	<b>PROJECT TITLE</b> Estanaula Park Restrooms	<b>PROJECT MANAGER</b> Greg Clark	<b>ACCOUNT NO.</b>
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**PROJECT DESCRIPTION**  
This project includes the design and construction of a handicapped accessible restroom building at Estanaula Park. Components of the building include men's/ladies restrooms, storage room, and plumbing room as well as sidewalk connections to existing pedestrian walks at the park.

**BACKGROUND/HISTORY**  
Estanaula Park is located on South Byhalia Road adjacent to the Estanaula Trails Residential Subdivision. Components of the existing park include two tennis courts, playground, greenbelt connection, picnic tables, benches, a small retention pond and parking area. Recent improvements to the park include security lighting, electrical upgrades, and park entrance landscaping enhancements.

**IMPACT ON OPERATING BUDGET**  
Increase of approximately \$1,000 per year in janitorial supplies and staff labor.

PROJECT COSTS	Prior Appropriations	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	TOTAL
LAND/RIGHT OF WAY							-
DESIGN/ENGINEERING				15.0			15.0
UTILITY RELOCATION							-
CONSTRUCTION				180.0			180.0
LANDSCAPING							-
EQUIPMENT/FURNISHINGS							-
OTHER							-
<b>TOTAL COSTS</b>	-	-	-	195.0	-	-	195.0
SOURCE OF FUNDS	Prior Appropriations	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	TOTAL
GENERAL FUND							-
WATER & SEWER FUND							-
BONDS							-
OTHER -							-
OTHER - \$.10 Park Improvement Funds				195.0			195.0
<b>TOTAL SOURCE</b>	-	-	-	195.0	-	-	195.0



PROJECT SCHEDULE	START	FINISH
LAND/RIGHT OF WAY	N/A	N/A
DESIGN/ENGINEERING	9/18	12/18
UTILITY RELOCATION	N/A	N/A
CONSTRUCTION	3/19	7/19
<b>TOTAL PROJECT</b>	9/18	7/19

**FY 2017** **TOWN OF COLLIERVILLE CAPITAL INVESTMENT PROGRAM** (Amounts in 000's dollars)

<b>RESPONSIBLE DEPARTMENT</b> Parks and Recreation	<b>PROJECT TITLE</b> Medians - Irrigation & Landscaping	<b>PROJECT MANAGER</b> Neil Wiseman	<b>ACCOUNT NO.</b>
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**PROJECT DESCRIPTION**  
 This project involves the design and installation of irrigation systems and landscaping within the Houston Levee Road Medians. This project is projected to run from Poplar Avenue - north - to Wolf River Boulevard; approximately 3.0 miles. The existing medians have an average width of 30'. Irrigation will be double row with 180 degree throw-back heads. Landscape will be oak trees on 50' centers as well as seasonal color.

**BACKGROUND/HISTORY**  
 Houston Levee Road was constructed to include 4" pipe sleeves to allow for future irrigation systems. Yearly re-occurring costs: mowing, edging, trimming - \$8,500. Utilities are expected to cost approximately \$2,800 per year for irrigation. Department materials, supplies, and labor for maintenance are projected at \$1,700 per year.

**IMPACT ON OPERATING BUDGET**  
 \$13,000 per year increase in labor, maintenance, and utilities.

**LOCATION MAP**  
  
 Houston Levee Road  
 North of Poplar Avenue to Wolf River Boulevard

PROJECT COSTS	Prior Appropriations	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	TOTAL
LAND/RIGHT OF WAY							-
DESIGN/ENGINEERING				10.0			10.0
UTILITY RELOCATION							-
CONSTRUCTION				140.0			140.0
LANDSCAPING				50.0			50.0
EQUIPMENT/FURNISHINGS							-
OTHER							-
<b>TOTAL COSTS</b>			-	200.0	-	-	200.0
SOURCE OF FUNDS	Prior Appropriations	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	TOTAL
GENERAL FUND				200.0			200.0
WATER & SEWER FUND							-
BONDS							-
OTHER -							-
OTHER - \$.10 Park Improvement Funds							-
<b>TOTAL SOURCE</b>	-	-	-	200.0	-	-	200.0

PROJECT SCHEDULE	START	FINISH
LAND/RIGHT OF WAY	N/A	N/A
DESIGN/ENGINEERING	9/18	12/18
UTILITY RELOCATION	N/A	N/A
CONSTRUCTION	3/19	6/19
<b>TOTAL PROJECT</b>	9/18	6/19

**FY 2017** **TOWN OF COLLIERVILLE CAPITAL INVESTMENT PROGRAM** (Amounts in 000's dollars)

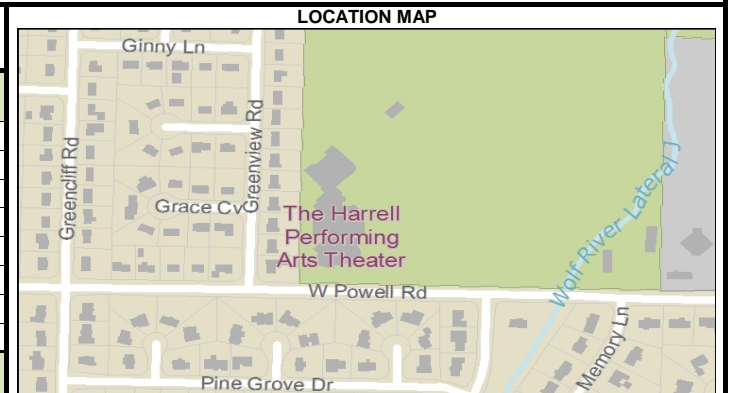
<b>RESPONSIBLE DEPARTMENT</b> Parks and Recreation	<b>PROJECT TITLE</b> Harrell Theatre Renovations - Seating	<b>PROJECT MANAGER</b> Wayne Warren	<b>ACCOUNT NO.</b>
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**PROJECT DESCRIPTION**  
Installation and replacement of 348 theatre seats in the Harrell Theatre.

**BACKGROUND/HISTORY**  
The theatre opened in 1987. Since that time, only basic cleaning has been performed to the theatre seats. Springs and cushions are deteriorating.

**IMPACT ON OPERATING BUDGET**  
None.

PROJECT COSTS	Prior Appropriations	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	TOTAL
LAND/RIGHT OF WAY							-
DESIGN/ENGINEERING							-
UTILITY RELOCATION							-
CONSTRUCTION							-
LANDSCAPING							-
EQUIPMENT/FURNISHINGS					85.0		85.0
OTHER							-
<b>TOTAL COSTS</b>	-	-	-	-	85.0	-	85.0
SOURCE OF FUNDS	Prior Appropriations	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	TOTAL
GENERAL FUND							-
WATER & SEWER FUND							-
BONDS							-
OTHER -							-
OTHER - \$.10 Park Improvement Funds					85.0		85.0
<b>TOTAL SOURCE</b>	-	-	-	-	85.0	-	85.0



PROJECT SCHEDULE	START	FINISH
LAND/RIGHT OF WAY	N/A	N/A
DESIGN/ENGINEERING	N/A	N/A
UTILITY RELOCATION	N/A	N/A
CONSTRUCTION	1/20	3/20
<b>TOTAL PROJECT</b>	1/20	3/20

**FY 2017** **TOWN OF COLLIERVILLE CAPITAL INVESTMENT PROGRAM** (Amounts in 000's dollars)

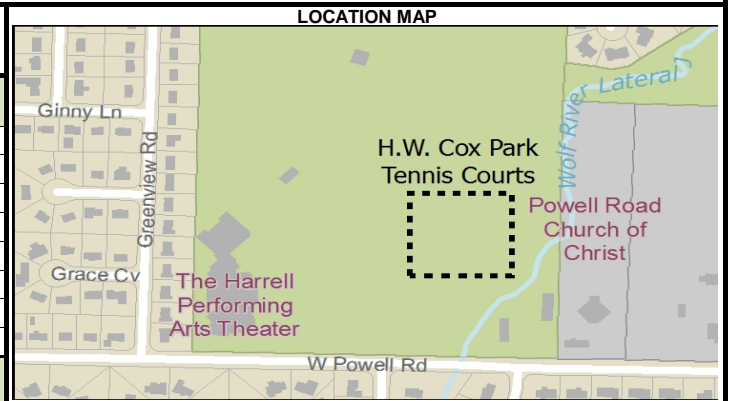
<b>RESPONSIBLE DEPARTMENT</b> Parks and Recreation	<b>PROJECT TITLE</b> H.W. Cox Tennis Lights - Renovations	<b>PROJECT MANAGER</b> Greg Clark	<b>ACCOUNT NO.</b>
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**PROJECT DESCRIPTION**  
This project involves the re-lighting of four (4) tennis courts located at the H.W. Cox Tennis Complex and will include the installation of a state-of-the-art lighting system with control link features. The project will include the design/engineering of the new "shoebox" lighting system and electrical upgrades, installation of new poles, new fixtures, control link system, and electrical panels as required.

**BACKGROUND/HISTORY**  
The existing lighting system for tennis courts 1-4 are over 25 years old and are requiring more and more repair dollars each year. The lights are outdated as modern tennis lighting systems provide an aesthetically pleasing system as well as better illumination on the existing courts while reducing overflow illumination.

**IMPACT ON OPERATING BUDGET**  
Decrease of approximately \$1,500/year in utilities costs and maintenance repair costs.

PROJECT COSTS	Prior Appropriations	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	TOTAL
LAND/RIGHT OF WAY							-
DESIGN/ENGINEERING						10.0	10.0
UTILITY RELOCATION							-
CONSTRUCTION							-
LANDSCAPING							-
EQUIPMENT/FURNISHINGS						90.0	90.0
OTHER							-
<b>TOTAL COSTS</b>	-	-	-	-	-	100.0	100.0
SOURCE OF FUNDS	Prior Appropriations	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	TOTAL
GENERAL FUND							-
WATER & SEWER FUND							-
BONDS							-
OTHER -							-
OTHER - \$.10 Park Improvement Funds						100.0	100.0
<b>TOTAL SOURCE</b>	-	-	-	-	-	100.0	100.0



PROJECT SCHEDULE	START	FINISH
LAND/RIGHT OF WAY	N/A	N/A
DESIGN/ENGINEERING	1/21	3/21
UTILITY RELOCATION	N/A	N/A
CONSTRUCTION	5/21	8/21
<b>TOTAL PROJECT</b>	1/21	8/21



**FY 2017** **TOWN OF COLLIERVILLE CAPITAL INVESTMENT PROGRAM** (Amounts in 000's dollars)

<b>RESPONSIBLE DEPARTMENT</b> Parks and Recreation	<b>PROJECT TITLE</b> W.C. Johnson West Complex Synthetic Turf - Renovations	<b>PROJECT MANAGER</b> Greg Clark	<b>ACCOUNT NO.</b>
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**PROJECT DESCRIPTION**  
This project includes the installation of synthetic turf on the four (4) infields at the W.C. Johnson West Baseball Complex. Components of the project include the engineering/design of approximately 40,000 sq. ft. of existing infield materials, grass, and irrigation. Construction components include grading and drainage installation, installation of limestone sub-surface, and synthetic turf installation.

**BACKGROUND/HISTORY**  
The W.C. Johnson West Baseball Complex was constructed in 2004 and has played host to numerous state, regional, and national baseball championships as well as serving as the primary site for our Recreational Baseball leagues, ages 9-12. In 2014, as part of the updating of the Park Master Plan, the Park Advisory Board noted 'Play365' as one of the guiding principles of the updated plan. Synthetic turf provides the opportunity to use the complex 365 days a year as well as being able to become multi-sport adaptable by providing the opportunity to host youth softball games as well as baseball.

**IMPACT ON OPERATING BUDGET**  
Reduction of approximately \$50,000/yr in labor, mowing cycles, and supplies expenses.

PROJECT COSTS	Prior Appropriations	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	TOTAL
LAND/RIGHT OF WAY							-
DESIGN/ENGINEERING						40.0	40.0
UTILITY RELOCATION							-
CONSTRUCTION						460.0	460.0
LANDSCAPING							-
EQUIPMENT/FURNISHINGS							-
OTHER							-
<b>TOTAL COSTS</b>	-	-	-	-	-	500.0	500.0
SOURCE OF FUNDS	Prior Appropriations	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	TOTAL
GENERAL FUND							-
WATER & SEWER FUND							-
BONDS							-
OTHER -							-
OTHER - \$.10 Park Improvement Funds						500.0	500.0
<b>TOTAL SOURCE</b>	-	-	-	-	-	500.0	500.0

**LOCATION MAP**

The map shows an aerial view of the W.C. Johnson Park Baseball #2 (West) field and the surrounding W.C. Johnson Park area. The field is highlighted in green, and the park area is also labeled in green. The map shows the layout of the field, including the infield and outfield, and the surrounding park area with trees and other facilities.

PROJECT SCHEDULE	START	FINISH
LAND/RIGHT OF WAY	N/A	N/A
DESIGN/ENGINEERING	2/21	4/21
UTILITY RELOCATION	N/A	N/A
CONSTRUCTION	7/21	9/21
<b>TOTAL PROJECT</b>	<b>2/21</b>	<b>9/21</b>



**FY 2017****PUBLIC SERVICES CIP SUMMARY**

(Amounts in 000's dollars)

<b>PROJECT</b>	<b>APPROVED FY 2017</b>	<b>PROJECTED FY 2018</b>	<b>PROJECTED FY 2019</b>	<b>PROJECTED FY 2020</b>	<b>PROJECTED FY 2021</b>	<b>TOTAL 5 YEAR CIP</b>
<b>Public Services</b>						
Equipment - Salt Spreader	35.0	-	-	-	-	35.0
Parts Storage Mezzanine	85.0	-	-	-	-	85.0
Equipment - Backhoe	110.0	-	-	-	-	110.0
Equipment - Brush Truck	151.0	-	-	-	-	151.0
Equipment - Automated Leaf Machine	170.0	-	-	-	-	170.0
Equipment - Automated Garbage Truck	300.0	-	-	-	-	300.0
Parking Lot Expansion at PS	-	50.0	-	-	-	50.0
Security Fence and Gates	-	60.0	-	-	-	60.0
Equipment - 1 Ton Truck with Dump Bed	-	65.0	-	-	-	65.0
Heavy Truck Lift	-	70.0	-	-	-	70.0
Equipment - Rear Loading Garbage Truck	-	180.0	-	-	-	180.0
Equipment - Tandem Axle Dump Truck	-	-	125.0	-	-	125.0
Fuel Island	-	-	-	-	250.0	250.0
<b>Total Public Services CIP</b>	<b>851.0</b>	<b>425.0</b>	<b>125.0</b>	<b>-</b>	<b>250.0</b>	<b>1,651.0</b>
<b>Funding Sources</b>						
Sanitation Fund	621.0	180.0	-	-	-	801.0
General Fund Reserves	230.0	245.0	125.0	-	250.0	850.0
<b>Total Funding Sources</b>	<b>851.0</b>	<b>425.0</b>	<b>125.0</b>	<b>-</b>	<b>250.0</b>	<b>1,651.0</b>

**FY 2017** **TOWN OF COLLIERVILLE CAPITAL INVESTMENT PROGRAM** (Amounts in 000's dollars)

<b>RESPONSIBLE DEPARTMENT</b> Public Services	<b>PROJECT TITLE</b> Salt Spreader	<b>PROJECT MANAGER</b> John Fox	<b>ACCOUNT NO.</b> 321-43120-944-201702
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**PROJECT DESCRIPTION**  
Purchase of a new stainless steel salt spreader.

**BACKGROUND/HISTORY**  
Material spreaders are used each year to spread salt and cinder/sand along roadways during ice and snow storms in the winter. Each year, the Streets and Drainage Division applies between 100 to 200 tons of salt mix material on Town roads during winter weather storms utilizing two salt spreaders (the amount of salt mix material used each year is dependent on winter weather storm severity). Due to the corrosive nature of salt, Unit #267A is rusting through. As the holes created by rust increase in size, Unit #267A will no longer be in sufficient shape to operate efficiently. Because Unit #267A is made out of ordinary steel, it is much more susceptible to the corrosive nature of salt compared to some of the newer model salt spreaders on the market. The new salt spreader will be constructed of stainless steel, a feature that will greatly extend the new unit's service life.

**IMPACT ON OPERATING BUDGET**  
None.

**LOCATION MAP**

PROJECT COSTS	Prior Appropriations	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	TOTAL
LAND/RIGHT OF WAY							-
DESIGN/ENGINEERING							-
UTILITY RELOCATION							-
CONSTRUCTION		35.0					35.0
LANDSCAPING							-
EQUIPMENT/FURNISHINGS							-
OTHER							-
<b>TOTAL COSTS</b>	-	35.0	-	-	-	-	35.0
SOURCE OF FUNDS	Prior Appropriations	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	TOTAL
GENERAL FUND		35.0					35.0
WATER & SEWER FUND							-
BONDS							-
SANITATION FUND							-
OTHER -							-
<b>TOTAL SOURCE</b>	-	35.0	-	-	-	-	35.0

N/A

PROJECT SCHEDULE	START	FINISH
LAND/RIGHT OF WAY	N/A	N/A
DESIGN/ENGINEERING	N/A	N/A
UTILITY RELOCATION	N/A	N/A
CONSTRUCTION	7/16	12/16
<b>TOTAL PROJECT</b>	7/16	12/16

**FY 2017** **TOWN OF COLLIERVILLE CAPITAL INVESTMENT PROGRAM** (Amounts in 000's dollars)

<b>RESPONSIBLE DEPARTMENT</b> Public Services	<b>PROJECT TITLE</b> Parts Storage Mezzanine	<b>PROJECT MANAGER</b> John Fox	<b>ACCOUNT NO.</b> 321-43170-929-201701
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**PROJECT DESCRIPTION**  
 This is a mezzanine in the parts storage room in the Fleet Maintenance Shop. The parts room was originally designed to have a mezzanine level to allow for additional parts storage for Fleet Maintenance. The Mezzanine was not included during initial construction of the Fleet Maintenance building due to budgetary constraints.

**BACKGROUND/HISTORY**  
 The Town's fleet grows by approximately 15 vehicles and equipment each year. Since the construction of the Fleet Maintenance shop in 2002 the Town has added approximately 195 additional vehicles and equipment to its Fleet. These additional vehicles and equipment require parts for both scheduled and unscheduled repairs. The Fleet Maintenance Division currently stores parts that are used most frequently for repairs and services. By having these common parts on hand at the Fleet Maintenance facility, the mechanics are able to expedite repairs that would have otherwise been delayed from between thirty minutes to an hour awaiting the delivery of parts. The Fleet Maintenance Facility parts room has no additional room for parts and all available space is currently being utilized. The addition of this mezzanine storage area will give the Fleet Maintenance Facility room for existing parts and additional parts storage for new vehicles and equipment as the Town's fleet continues to grow.

**IMPACT ON OPERATING BUDGET**  
 None.

**LOCATION MAP**  
 N/A

PROJECT COSTS	Prior Appropriations	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	TOTAL
LAND/RIGHT OF WAY							-
DESIGN/ENGINEERING							-
UTILITY RELOCATION							-
CONSTRUCTION		85.0					85.0
LANDSCAPING							-
EQUIPMENT/FURNISHINGS							-
OTHER							-
<b>TOTAL COSTS</b>	-	85.0	-	-	-	-	85.0

SOURCE OF FUNDS	Prior Appropriations	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	TOTAL
GENERAL FUND		85.0					85.0
WATER & SEWER FUND							-
BONDS							-
SANITATION FUND							-
OTHER -							-
<b>TOTAL SOURCE</b>	-	85.0	-	-	-	-	85.0

PROJECT SCHEDULE	START	FINISH
LAND/RIGHT OF WAY	N/A	N/A
DESIGN/ENGINEERING	N/A	N/A
UTILITY RELOCATION	N/A	N/A
CONSTRUCTION	7/16	6/17
<b>TOTAL PROJECT</b>	7/16	6/17

**FY 2017** **TOWN OF COLLIERVILLE CAPITAL INVESTMENT PROGRAM** (Amounts in 000's dollars)

<b>RESPONSIBLE DEPARTMENT</b> Public Services	<b>PROJECT TITLE</b> Equipment - Backhoe	<b>PROJECT MANAGER</b> John Fox	<b>ACCOUNT NO.</b> 321-43120-944-201701
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**PROJECT DESCRIPTION**  
Purchase a replacement Backhoe in FY 2017.

**BACKGROUND/HISTORY**  
There are currently 3 backhoes that are utilized by the Streets and Drainage for maintenance, digging, and construction and to handle materials such as dirt, gravel, asphalt, etc. This new unit will replace Unit #249, a 1998 model that will be 18 years old at the time of replacement and past its useful service life. Upon replacement, Unit #249 will be surplus. The Streets and Drainage Division has 5 maintenance crews that all have the potential of needing a backhoe during maintenance operations. Projects are delayed or adjusted based on the availability of a backhoe.

**IMPACT ON OPERATING BUDGET**  
None - replacement equipment.

**LOCATION MAP**

PROJECT COSTS	Prior Appropriations	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	TOTAL
LAND/RIGHT OF WAY							-
DESIGN/ENGINEERING							-
UTILITY RELOCATION							-
CONSTRUCTION							-
LANDSCAPING							-
EQUIPMENT/FURNISHINGS		110.0					110.0
OTHER							-
<b>TOTAL COSTS</b>	-	110.0	-	-	-	-	110.0
SOURCE OF FUNDS	Prior Appropriations	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	TOTAL
GENERAL FUND		110.0					110.0
WATER & SEWER FUND							-
BONDS							-
OTHER -							-
OTHER -							-
<b>TOTAL SOURCE</b>	-	110.0	-	-	-	-	110.0

N/A

PROJECT SCHEDULE	START	FINISH
LAND/RIGHT OF WAY	N/A	N/A
DESIGN/ENGINEERING	N/A	N/A
UTILITY RELOCATION	N/A	N/A
CONSTRUCTION	N/A	N/A
<b>TOTAL PROJECT</b>	7/16	3/17

**FY 2017** **TOWN OF COLLIERVILLE CAPITAL INVESTMENT PROGRAM** (Amounts in 000's dollars)

<b>RESPONSIBLE DEPARTMENT</b> Public Services	<b>PROJECT TITLE</b> Equipment - Brush Truck	<b>PROJECT MANAGER</b> John Fox	<b>ACCOUNT NO.</b> 125-43200-944-1
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**PROJECT DESCRIPTION**  
Purchase a new Brush Truck in FY 2017.

**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 Sanitation Division has four primary brush collection trucks and four backup trucks. This truck will replace Unit #443, a 2002 model that will be 15 years old at the time of replacement. Unit #443 will become a backup unit and will be used when the primary brush trucks are down for repairs. Unit #443 will replace Unit #483, a 1994 model brush truck that is currently a backup unit. Unit #483 will be surplusd due to its age of 23 years old at the time of replacement.

**IMPACT ON OPERATING BUDGET**  
None - replacement equipment.

**LOCATION MAP**

PROJECT COSTS	Prior Appropriations	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	TOTAL
LAND/RIGHT OF WAY							-
DESIGN/ENGINEERING							-
UTILITY RELOCATION							-
CONSTRUCTION							-
LANDSCAPING							-
EQUIPMENT/FURNISHINGS		151.0					151.0
OTHER							-
<b>TOTAL COSTS</b>	-	151.0	-	-	-	-	151.0
SOURCE OF FUNDS	Prior Appropriations	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	TOTAL
GENERAL FUND							-
WATER & SEWER FUND							-
BONDS							-
SANITATION FUND		151.0					151.0
OTHER -							-
<b>TOTAL SOURCE</b>	-	151.0	-	-	-	-	151.0

N/A

PROJECT SCHEDULE	START	FINISH
LAND/RIGHT OF WAY	N/A	N/A
DESIGN/ENGINEERING	N/A	N/A
UTILITY RELOCATION	N/A	N/A
CONSTRUCTION	N/A	N/A
<b>TOTAL PROJECT</b>	7/16	3/17

**FY 2017** **TOWN OF COLLIERVILLE CAPITAL INVESTMENT PROGRAM** (Amounts in 000's dollars)

<b>RESPONSIBLE DEPARTMENT</b> Public Services	<b>PROJECT TITLE</b> Equipment - Automated Leaf Machine	<b>PROJECT MANAGER</b> John Fox	<b>ACCOUNT NO.</b> 125-43200-944-1
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**PROJECT DESCRIPTION**  
Purchase of a new automated leaf machine in FY 2017.

**BACKGROUND/HISTORY**  
An automated leaf machine is a leaf vacuum system mounted to a truck chassis with a remotely operated collection hose. This unit will be utilized to collect loose leaves placed at the curb by residents between the months of November and April. This piece of equipment will also be used throughout the year to remove leaves and debris from street gutters as needed. The automated leaf machine will allow for either a one-man or two-man operation compared to a three-man operation using our current trailered leaf vacuum units. By utilizing an automated leaf machine, the Department will save approximately \$10,000 in personnel costs on an annual basis. The estimated service life for this unit is 10 – 12 years. This leaf machine will replace Unit #471, a trailered leaf machine that will be over 16 years old at its time of replacement.

**IMPACT ON OPERATING BUDGET**  
None - replacement equipment.

**LOCATION MAP**

PROJECT COSTS	Prior Appropriations	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	TOTAL
LAND/RIGHT OF WAY							-
DESIGN/ENGINEERING							-
UTILITY RELOCATION							-
CONSTRUCTION							-
LANDSCAPING							-
EQUIPMENT/FURNISHINGS		170.0					170.0
OTHER							-
<b>TOTAL COSTS</b>	-	170.0	-	-	-	-	170.0
SOURCE OF FUNDS	Prior Appropriations	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	TOTAL
GENERAL FUND							-
WATER & SEWER FUND							-
BONDS							-
SANITATION FUND		170.0					170.0
OTHER -							-
<b>TOTAL SOURCE</b>	-	170.0	-	-	-	-	170.0

PROJECT SCHEDULE	START	FINISH
LAND/RIGHT OF WAY	N/A	N/A
DESIGN/ENGINEERING	N/A	N/A
UTILITY RELOCATION	N/A	N/A
CONSTRUCTION	N/A	N/A
<b>TOTAL PROJECT</b>	7/16	3/17



**FY 2017** **TOWN OF COLLIERVILLE CAPITAL INVESTMENT PROGRAM** (Amounts in 000's dollars)

<b>RESPONSIBLE DEPARTMENT</b> Public Services	<b>PROJECT TITLE</b> Equipment - Automated Garbage Truck	<b>PROJECT MANAGER</b> John Fox	<b>ACCOUNT NO.</b> 125-43200-944-1
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**PROJECT DESCRIPTION**  
Purchase a new Automated Garbage Truck in FY 2017.

**BACKGROUND/HISTORY**  
Automated garbage trucks are utilized for the collection of residential garbage from the 95 gallon green garbage carts. 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 approximately 15,000 customers in a timely manner. This truck will replace Unit #448, a 2002 model automated unit that will be 16 years old at the time of replacement. Of the five primary automated collection trucks used on a daily basis, Unit #448 will be the oldest primary collection vehicle. Upon replacement, Unit #448 will become a backup unit that will be utilized when primary trucks are down for maintenance. This will extend the expected service life of Unit #448. To continue providing reliable service, the Sanitation Division requires a minimum of five primary collection vehicles in sufficient condition to handle the daily demands of collecting from an average of 900 homes per day. Successful operation also requires minimum of 4 backup units for automated garbage collection and recycle collection. Keeping Unit #448 will allow us to have 4 backup units. By keeping all 4 backup units, the Sanitation Division will have 2 backup units for garbage collection and 2 backup units for recycle collection.

**IMPACT ON OPERATING BUDGET**  
None - replacement equipment.

**LOCATION MAP**

PROJECT COSTS	Prior Appropriations	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	TOTAL
LAND/RIGHT OF WAY							-
DESIGN/ENGINEERING							-
UTILITY RELOCATION							-
CONSTRUCTION							-
LANDSCAPING							-
EQUIPMENT/FURNISHINGS		300.0					300.0
OTHER							-
<b>TOTAL COSTS</b>	-	300.0	-	-	-	-	300.0
SOURCE OF FUNDS	Prior Appropriations	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	TOTAL
GENERAL FUND							-
WATER & SEWER FUND							-
BONDS							-
SANITATION FUND		300.0					300.0
OTHER -							-
<b>TOTAL SOURCE</b>	-	300.0	-	-	-	-	300.0

N/A

PROJECT SCHEDULE	START	FINISH
LAND/RIGHT OF WAY	N/A	N/A
DESIGN/ENGINEERING	N/A	N/A
UTILITY RELOCATION	N/A	N/A
CONSTRUCTION	N/A	N/A
<b>TOTAL PROJECT</b>	7/16	3/17

**FY 2017** **TOWN OF COLLIERVILLE CAPITAL INVESTMENT PROGRAM** (Amounts in 000's dollars)

<b>RESPONSIBLE DEPARTMENT</b> Public Services	<b>PROJECT TITLE</b> Parking Lot Expansion at Public Services	<b>PROJECT MANAGER</b> John Fox	<b>ACCOUNT NO.</b>
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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 2018.

**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 2017	FY 2018	FY 2019	FY 2020	FY 2021	TOTAL
LAND/RIGHT OF WAY							-
DESIGN/ENGINEERING							-
UTILITY RELOCATION							-
CONSTRUCTION			50.0				50.0
LANDSCAPING							-
EQUIPMENT/FURNISHINGS							-
OTHER							-
<b>TOTAL COSTS</b>	-	-	50.0	-	-	-	50.0
SOURCE OF FUNDS	Prior Appropriations	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	TOTAL
GENERAL FUND			50.0				50.0
WATER & SEWER FUND							-
BONDS							-
OTHER -							-
OTHER -							-
<b>TOTAL SOURCE</b>	-	-	50.0	-	-	-	50.0



PROJECT SCHEDULE	START	FINISH
LAND/RIGHT OF WAY	N/A	N/A
DESIGN/ENGINEERING	N/A	N/A
UTILITY RELOCATION	N/A	N/A
CONSTRUCTION	7/17	6/18
<b>TOTAL PROJECT</b>	7/17	6/18

**FY 2017** **TOWN OF COLLIERVILLE CAPITAL INVESTMENT PROGRAM** (Amounts in 000's dollars)

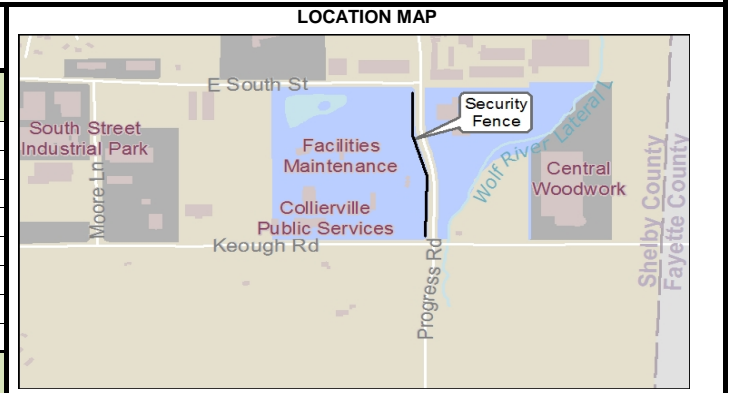
<b>RESPONSIBLE DEPARTMENT</b> Public Services	<b>PROJECT TITLE</b> Security Fence and Gates	<b>PROJECT MANAGER</b> John Fox	<b>ACCOUNT NO.</b>
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**PROJECT DESCRIPTION**  
This project is the installation of a security fence and gates at the Public Services Complex.

**BACKGROUND/HISTORY**  
The extension of Progress Road beside Public Services opened the site to traffic and increased access and vandalism. The fence will allow secure vehicle and equipment parking at Public Services. Currently, expensive equipment and trucks with numerous tools are parked outside the fenced area at night. A fence would also add security for the Utility Storage building and the General Services building. The fence would be along Progress Road, with gates near South Street. The fence will be six-foot chain link with barbed wire to match the existing fence.

**IMPACT ON OPERATING BUDGET**  
None.

PROJECT COSTS	Prior Appropriations	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	TOTAL
LAND/RIGHT OF WAY							-
DESIGN/ENGINEERING							-
UTILITY RELOCATION							-
CONSTRUCTION			60.0				60.0
LANDSCAPING							-
EQUIPMENT/FURNISHINGS							-
OTHER							-
<b>TOTAL COSTS</b>	-	-	60.0	-	-	-	60.0
SOURCE OF FUNDS	Prior Appropriations	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	TOTAL
GENERAL FUND			60.0				60.0
WATER & SEWER FUND							-
BONDS							-
OTHER -							-
OTHER -							-
<b>TOTAL SOURCE</b>	-	-	60.0	-	-	-	60.0



PROJECT SCHEDULE	START	FINISH
LAND/RIGHT OF WAY	N/A	N/A
DESIGN/ENGINEERING	N/A	N/A
UTILITY RELOCATION	N/A	N/A
CONSTRUCTION	7/16	6/17
<b>TOTAL PROJECT</b>	<b>7/16</b>	<b>6/17</b>

**FY 2017** **TOWN OF COLLIERVILLE CAPITAL INVESTMENT PROGRAM** (Amounts in 000's dollars)

<b>RESPONSIBLE DEPARTMENT</b> Public Services	<b>PROJECT TITLE</b> Equipment - 1 Ton Dump Truck	<b>PROJECT MANAGER</b> John Fox	<b>ACCOUNT NO.</b>
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**PROJECT DESCRIPTION**  
Purchase a new 1 Ton Dump Truck in FY 2018.

**BACKGROUND/HISTORY**  
The small 1 ton dump truck is used for hauling materials required for smaller maintenance jobs where a larger single or tandem axle dump truck would not be practical and could cause damage to a resident's property. These smaller dump trucks are used frequently in both drainage maintenance and asphalt repairs. This truck would also be used to transport crew members and equipment to and from work sites. This new truck would replace Unit #284, a 1994 GMC Sierra with a 1-ton Dump body. At its time of replacement, Unit #284 will be 24 years old and past its useful service life. Upon replacement, Unit #284 will be surplus.

**IMPACT ON OPERATING BUDGET**  
None - replacement equipment.

**LOCATION MAP**  
  
N/A

PROJECT COSTS	Prior Appropriations	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	TOTAL
LAND/RIGHT OF WAY							-
DESIGN/ENGINEERING							-
UTILITY RELOCATION							-
CONSTRUCTION							-
LANDSCAPING							-
EQUIPMENT/FURNISHINGS			65.0				65.0
OTHER							-
<b>TOTAL COSTS</b>	-	-	65.0	-	-	-	65.0
SOURCE OF FUNDS	Prior Appropriations	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	TOTAL
GENERAL FUND			65.0				65.0
WATER & SEWER FUND							-
BONDS							-
OTHER -							-
OTHER -							-
<b>TOTAL SOURCE</b>	-	-	65.0	-	-	-	65.0

PROJECT SCHEDULE	START	FINISH
LAND/RIGHT OF WAY	N/A	N/A
DESIGN/ENGINEERING	N/A	N/A
UTILITY RELOCATION	N/A	N/A
CONSTRUCTION	N/A	N/A
<b>TOTAL PROJECT</b>	7/17	3/18

**FY 2017** **TOWN OF COLLIERVILLE CAPITAL INVESTMENT PROGRAM** (Amounts in 000's dollars)

<b>RESPONSIBLE DEPARTMENT</b> Public Services	<b>PROJECT TITLE</b> Equipment - Heavy Truck Lift	<b>PROJECT MANAGER</b> John Fox	<b>ACCOUNT NO.</b>
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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 2017	FY 2018	FY 2019	FY 2020	FY 2021	TOTAL
LAND/RIGHT OF WAY							-
DESIGN/ENGINEERING							-
UTILITY RELOCATION							-
CONSTRUCTION			70.0				70.0
LANDSCAPING							-
EQUIPMENT/FURNISHINGS							-
OTHER							-
<b>TOTAL COSTS</b>	-	-	70.0	-	-	-	70.0
SOURCE OF FUNDS	Prior Appropriations	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	TOTAL
GENERAL FUND			70.0				70.0
WATER & SEWER FUND							-
BONDS							-
SANITATION FUND							-
OTHER -							-
<b>TOTAL SOURCE</b>	-	-	70.0	-	-	-	70.0

N/A

PROJECT SCHEDULE	START	FINISH
LAND/RIGHT OF WAY	N/A	N/A
DESIGN/ENGINEERING	N/A	N/A
UTILITY RELOCATION	N/A	N/A
CONSTRUCTION	7/16	12/16
<b>TOTAL PROJECT</b>	7/16	12/16

**FY 2017** **TOWN OF COLLIERVILLE CAPITAL INVESTMENT PROGRAM** (Amounts in 000's dollars)

<b>RESPONSIBLE DEPARTMENT</b> Public Services	<b>PROJECT TITLE</b> Equipment - Rear-Loading Garbage Truck	<b>PROJECT MANAGER</b> John Fox	<b>ACCOUNT NO.</b> 125-43200-944
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**PROJECT DESCRIPTION**  
Purchase a new Rear-Loading Garbage Truck in FY 2018.

**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 primary rear-loading garbage trucks and has two backup collection trucks that are used when primary trucks are down for repairs. Of the four (4) primary collection trucks, two will be over thirteen (13) years old and both backup trucks will be over fifteen (15) years old at the time of replacement. This replacement collection truck will replace Unit #459, a 2003 model that is currently being utilized as a primary collection unit. Following its replacement, Unit #459 will become a backup collection truck giving the Division four back-up units that can be utilized when the primary units are down for repairs. On average, a primary collection truck runs approximately 8,000 miles each year and each of the two backup units run approximately 2,000 miles per year. This requires the division's backup collection trucks to be utilized for approximately 25% of the year for collection. With the extensive use of backup units for collection, the Sanitation Division is at a higher risk of having more frequent breakdowns resulting in collection delays.

**IMPACT ON OPERATING BUDGET**  
Replacement in FY 2018 - no long term impact.

**LOCATION MAP**

PROJECT COSTS	Prior Appropriations	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	TOTAL
LAND/RIGHT OF WAY							-
DESIGN/ENGINEERING							-
UTILITY RELOCATION							-
CONSTRUCTION							-
LANDSCAPING							-
EQUIPMENT/FURNISHINGS			180.0				180.0
OTHER							-
<b>TOTAL COSTS</b>	-	-	180.0	-	-	-	180.0
SOURCE OF FUNDS	Prior Appropriations	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	TOTAL
GENERAL FUND							-
WATER & SEWER FUND							-
BONDS							-
SANITATION FUND			180.0				180.0
OTHER -							-
<b>TOTAL SOURCE</b>	-	-	180.0	-	-	-	180.0

PROJECT SCHEDULE	START	FINISH
LAND/RIGHT OF WAY	N/A	N/A
DESIGN/ENGINEERING	N/A	N/A
UTILITY RELOCATION	N/A	N/A
CONSTRUCTION	N/A	N/A
<b>TOTAL PROJECT</b>	7/17	3/18

**FY 2017** **TOWN OF COLLIERVILLE CAPITAL INVESTMENT PROGRAM** (Amounts in 000's dollars)

<b>RESPONSIBLE DEPARTMENT</b> Public Services	<b>PROJECT TITLE</b> Equipment - Tandem Axle Dump Truck	<b>PROJECT MANAGER</b> John Fox	<b>ACCOUNT NO.</b>
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**PROJECT DESCRIPTION**  
Purchase a new Tandem Axle Dump Truck in FY 2019.

**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 24 years old at the time of replacement. Unit #285 will be surplus.

**IMPACT ON OPERATING BUDGET**  
None - replacement equipment.

**LOCATION MAP**  
  
N/A

PROJECT COSTS	Prior Appropriations	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	TOTAL
LAND/RIGHT OF WAY							-
DESIGN/ENGINEERING							-
UTILITY RELOCATION							-
CONSTRUCTION							-
LANDSCAPING							-
EQUIPMENT/FURNISHINGS				125.0			125.0
OTHER							-
<b>TOTAL COSTS</b>	-	-	-	125.0	-	-	125.0
SOURCE OF FUNDS	Prior Appropriations	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	TOTAL
GENERAL FUND				125.0			125.0
WATER & SEWER FUND							-
BONDS							-
OTHER -							-
OTHER -							-
<b>TOTAL SOURCE</b>	-	-	-	125.0	-	-	125.0

PROJECT SCHEDULE	START	FINISH
LAND/RIGHT OF WAY	N/A	N/A
DESIGN/ENGINEERING	N/A	N/A
UTILITY RELOCATION	N/A	N/A
CONSTRUCTION	N/A	N/A
<b>TOTAL PROJECT</b>	7/18	3/19

**FY 2017** **TOWN OF COLLIERVILLE CAPITAL INVESTMENT PROGRAM** (Amounts in 000's dollars)

<b>RESPONSIBLE DEPARTMENT</b> Public Services	<b>PROJECT TITLE</b> Fuel Island	<b>PROJECT MANAGER</b> John Fox	<b>ACCOUNT NO.</b>
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**PROJECT DESCRIPTION**  
Install a gasoline and diesel fuel dispensing center for Town equipment and vehicles.

**BACKGROUND/HISTORY**  
The Town has one fuel center at the Public Services Complex in the southeast part of the Town. This new center would be located across town from Public Services in a yet to be determined location. Another fueling location would provide faster access and provide an alternative source should a problem occur at the current center restricting its use. The fuel center allows Town vehicles and equipment a convenient site to fuel. There are more than 400 vehicles and pieces of equipment from all over the Town that need to be fueled. The goal of this project is to provide a fueling site that can be used if the primary fueling station is damaged and non-operational due to mechanical failure or a natural disaster.

**IMPACT ON OPERATING BUDGET**  
Approximately \$4,000 per year for testing and calibration.

**LOCATION MAP**  
  
Location to be determined.

PROJECT COSTS	Prior Appropriations	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	TOTAL
LAND/RIGHT OF WAY							-
DESIGN/ENGINEERING							-
UTILITY RELOCATION							-
CONSTRUCTION						250.0	250.0
LANDSCAPING							-
EQUIPMENT/FURNISHINGS							-
OTHER							-
<b>TOTAL COSTS</b>	-	-	-	-	-	250.0	250.0
SOURCE OF FUNDS	Prior Appropriations	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	TOTAL
GENERAL FUND						250.0	250.0
WATER & SEWER FUND							-
BONDS							-
OTHER -							-
OTHER -							-
<b>TOTAL SOURCE</b>	-	-	-	-	-	250.0	250.0

PROJECT SCHEDULE	START	FINISH
LAND/RIGHT OF WAY	N/A	N/A
DESIGN/ENGINEERING	N/A	N/A
UTILITY RELOCATION	N/A	N/A
CONSTRUCTION	7/20	6/21
<b>TOTAL PROJECT</b>	7/20	6/21



**FY 2017****PUBLIC UTILITIES CIP SUMMARY**

(Amounts in 000's dollars)

<b>PROJECT</b>	<b>APPROVED FY 2017</b>	<b>PROJECTED FY 2018</b>	<b>PROJECTED FY 2019</b>	<b>PROJECTED FY 2020</b>	<b>PROJECTED FY 2021</b>	<b>TOTAL 5 YEAR CIP</b>
<b>Public Utilities</b>						
Building for Vacuum Truck	85.0	-			-	85.0
Equipment - Single Axle Dump Truck	120.0	-	-	-	-	120.0
Fire Hydrant Installation (WDSI)	150.0	-	-	-	-	150.0
Houston Levee Road Sewer Extension	200.0	-	-	-	-	200.0
Remote Drinking Water Testing Sites	-	40.0	-	-	-	40.0
Equipment - Tandem Axle Dump Truck	-	-	125.0	-	-	125.0
Shop Building Water Plant #4	-	-	180.0	-	-	180.0
Water Distribution System Improvements	-	-	600.0	600.0	600.0	1,800.0
Sewer System Improvements	-	-	750.0	750.0	750.0	2,250.0
Equipment - Mini-Excavator	-		-	55.0	-	55.0
<b>Total Public Utilities CIP</b>	<b>555.0</b>	<b>40.0</b>	<b>1,655.0</b>	<b>1,405.0</b>	<b>1,350.0</b>	<b>5,005.0</b>
<b>Funding Sources</b>						
Water & Sewer Fund Reserves	555.0	40.0	1,655.0	1,405.0	1,350.0	5,005.0
<b>Total Funding Sources</b>	<b>555.0</b>	<b>40.0</b>	<b>1,655.0</b>	<b>1,405.0</b>	<b>1,350.0</b>	<b>5,005.0</b>

**FY 2017** **TOWN OF COLLIERVILLE CAPITAL INVESTMENT PROGRAM** (Amounts in 000's dollars)

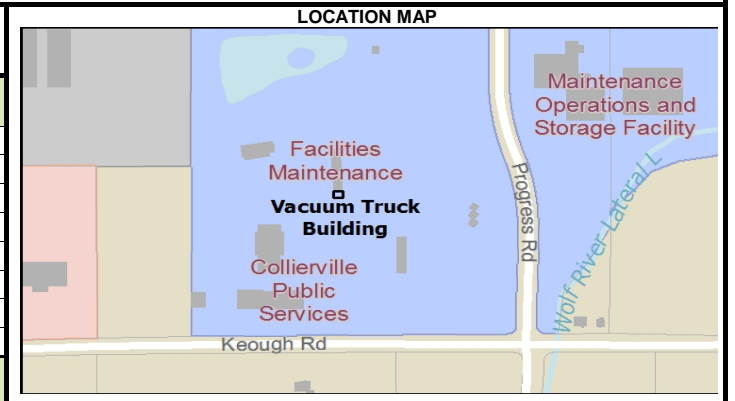
<b>RESPONSIBLE DEPARTMENT</b> Public Utilities	<b>PROJECT TITLE</b> Building for Vacuum Truck	<b>PROJECT MANAGER</b> Clay Holabird	<b>ACCOUNT NO.</b> 413-16513-201701
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**PROJECT DESCRIPTION**  
Build an approximately 45 feet by 25 feet metal building near the existing storage buildings at Public Services. This building will store the vacuum/water sewer truck. The building will be heated to prevent the truck from freezing in the winter.

**BACKGROUND/HISTORY**  
In 2011, the approved CIP budget included a building for a vacuum truck and sewer parts at Public Services. However, the project was cancelled when the property across Progress Road from Public Services (lumber company) went up for sale. The Town purchased part of the property and this has now been designated for use by other Town departments. Therefore, the original intent to store Public Utilities equipment and trucks has been realigned and a new building to properly store the Vacuum Truck is needed to prevent freezing and damaging the truck.

**IMPACT ON OPERATING BUDGET**  
Approximately \$1,200 per year in energy costs.

PROJECT COSTS	Prior Appropriations	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	TOTAL
LAND/RIGHT OF WAY							-
DESIGN/ENGINEERING		10.0					10.0
UTILITY RELOCATION							-
CONSTRUCTION		75.0					75.0
LANDSCAPING							-
EQUIPMENT/FURNISHINGS							-
OTHER							-
<b>TOTAL COSTS</b>	-	85.0	-	-	-	-	85.0
SOURCE OF FUNDS	Prior Appropriations	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	TOTAL
GENERAL FUND							-
WATER & SEWER FUND		85.0					85.0
BONDS							-
OTHER -							-
OTHER -							-
<b>TOTAL SOURCE</b>	-	85.0	-	-	-	-	85.0



PROJECT SCHEDULE	START	FINISH
LAND/RIGHT OF WAY	NA	NA
DESIGN/ENGINEERING	9/16	6/17
UTILITY RELOCATION	NA	NA
CONSTRUCTION	3/17	8/17
<b>TOTAL PROJECT</b>	9/16	8/17

**FY 2017** **TOWN OF COLLIERVILLE CAPITAL INVESTMENT PROGRAM** (Amounts in 000's dollars)

<b>RESPONSIBLE DEPARTMENT</b> Public Utilities	<b>PROJECT TITLE</b> Equipment - Single Axle Dump Truck	<b>PROJECT MANAGER</b> Tim Overly	<b>ACCOUNT NO.</b> 413-16512-201701
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**PROJECT DESCRIPTION**  
Purchase a single axle dump truck to replace a 1997 model. Dump trucks are used daily by the Water and Sewer construction crews to carry materials like sand and gravel. Reliable equipment will maintain the efficiency of water and sewer line repairs and minimize the down time for residents.

**BACKGROUND/HISTORY**  
Dump trucks are used to haul construction materials to job sites such as dirt, sand, and gravel. They also haul off broken asphalt and other materials from street repairs. Public Utilities has one single axle dump truck, Unit #347, which will be 10 years old.

**IMPACT ON OPERATING BUDGET**  
None - replacement equipment.

**LOCATION MAP**

PROJECT COSTS	Prior Appropriations	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	TOTAL
LAND/RIGHT OF WAY							-
DESIGN/ENGINEERING							-
UTILITY RELOCATION							-
CONSTRUCTION							-
LANDSCAPING							-
EQUIPMENT/FURNISHINGS		120.0					120.0
OTHER							-
<b>TOTAL COSTS</b>	-	120.0	-	-	-	-	120.0
SOURCE OF FUNDS	Prior Appropriations	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	TOTAL
GENERAL FUND							-
WATER & SEWER FUND		120.0					120.0
BONDS							-
OTHER -							-
OTHER -							-
<b>TOTAL SOURCE</b>	-	120.0	-	-	-	-	120.0

PROJECT SCHEDULE	START	FINISH
LAND/RIGHT OF WAY	N/A	N/A
DESIGN/ENGINEERING	N/A	N/A
UTILITY RELOCATION	N/A	N/A
CONSTRUCTION	N/A	N/A
<b>TOTAL PROJECT</b>	9/16	5/17

FY 2017		TOWN OF COLLIERVILLE CAPITAL INVESTMENT PROGRAM						(Amounts in 000's dollars)		
<b>RESPONSIBLE DEPARTMENT</b> Public Utilities		<b>PROJECT TITLE</b> Fire Hydrant Installation (WDSI)				<b>PROJECT MANAGER</b> Clay Holabird		<b>ACCOUNT NO.</b> 413-16512-201702		
<b>PROJECT DESCRIPTION</b> Install new fire hydrants in the southwestern section of Collierville that was recently annexed. This will provide a fire hydrant every 500 feet for better fire protection. These fire hydrants will be installed in areas where Collierville will take over the water system from Memphis Light Gas and Water (MLGW) as required by the approved Plan of Services for the annexation area.										
<b>BACKGROUND/HISTORY</b> When the Town annexed this area, a Plan of Services was approved by the Mayor and Board of Alderman. This plan included adding fire hydrants so that the water system meets the same level of fire protection as the rest of the Town. In other parts of the annexation area where no public water was available, new water lines with fire hydrants every 500 feet were previously installed. This was also part of the Plan of Services.										
<b>IMPACT ON OPERATING BUDGET</b> Minimal to none.								<b>LOCATION MAP</b>  Varied Locations.		
<b>PROJECT COSTS</b>		<b>Prior Appropriations</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>TOTAL</b>		
LAND/RIGHT OF WAY								-		
DESIGN/ENGINEERING								-		
UTILITY RELOCATION								-		
CONSTRUCTION			150.0					150.0		
LANDSCAPING								-		
EQUIPMENT/FURNISHINGS								-		
OTHER								-		
<b>TOTAL COSTS</b>		-	150.0	-	-	-	-	150.0		
<b>SOURCE OF FUNDS</b>		<b>Prior Appropriations</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>TOTAL</b>		
GENERAL FUND								-		
WATER & SEWER FUND			150.0					150.0		
BONDS								-		
OTHER -								-		
OTHER -								-		
<b>TOTAL SOURCE</b>		-	150.0	-	-	-	-	150.0		
								<b>PROJECT SCHEDULE</b>	<b>START</b>	<b>FINISH</b>
								LAND/RIGHT OF WAY	N/A	N/A
								DESIGN/ENGINEERING	N/A	N/A
								UTILITY RELOCATION	N/A	N/A
								CONSTRUCTION	N/A	N/A
<b>TOTAL PROJECT</b>								3/17	5/17	

**FY 2017** **TOWN OF COLLIERVILLE CAPITAL INVESTMENT PROGRAM** (Amounts in 000's dollars)

<b>RESPONSIBLE DEPARTMENT</b> Public Utilities	<b>PROJECT TITLE</b> Houston Levee Road Sewer Extension	<b>PROJECT MANAGER</b> Dale Perryman	<b>ACCOUNT NO.</b> 413-16513-201702
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**PROJECT DESCRIPTION**  
 This project will consist of the construction of a sewer outfall along the east side of Houston Levee Road to the Orgill site. A work session was held with the BMA in November and direction was given to move forward with the design. A budget amendment was approved at the December 14, 2015 BMA meeting to place funds in Public Services operating account. The construction will consist of running approximately 1,320 feet of sewer to the northwest corner of the proposed Orgill site. The design contract was approved administratively in December of 2015. Both easements have been have been acquired.

**BACKGROUND/HISTORY**  
 In November of 2015, Orgill Corporation decided to relocate their headquarters to Houston Levee Road. At a work session held by the Board of Mayor and Aldermen, it was decided to extend sewer along the east side of Houston Levee Road to serve the site. Sewer design work began in December of 2015 and was completed in February of 2016. It was decided the design would be funded through Public Services professional services operating line item expense and the construction would be funded through the Town's Capital Investment Account.

**IMPACT ON OPERATING BUDGET**  
 Routine maintenance.

PROJECT COSTS	Prior Appropriations	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	TOTAL
LAND/RIGHT OF WAY							-
DESIGN/ENGINEERING							-
UTILITY RELOCATION							-
CONSTRUCTION		200.0					200.0
LANDSCAPING							-
EQUIPMENT/FURNISHINGS							-
OTHER							-
<b>TOTAL COSTS</b>	-	200.0	-	-	-	-	200.0
SOURCE OF FUNDS	Prior Appropriations	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	TOTAL
GENERAL FUND							-
WATER & SEWER FUND		200.0					200.0
BONDS							-
OTHER -							-
OTHER -							-
<b>TOTAL SOURCE</b>	-	200.0	-	-	-	-	200.0



PROJECT SCHEDULE	START	FINISH
LAND/RIGHT OF WAY	2/16	5/16
DESIGN/ENGINEERING	12/15	2/16
UTILITY RELOCATION	7/16	10/16
CONSTRUCTION	7/16	10/16
<b>TOTAL PROJECT</b>	12/15	10/16

**FY 2017** **TOWN OF COLLIERVILLE CAPITAL INVESTMENT PROGRAM** (Amounts in 000's dollars)

<b>RESPONSIBLE DEPARTMENT</b> Public Utilities	<b>PROJECT TITLE</b> Remote Drinking Water Testing Sites.	<b>PROJECT MANAGER</b> Tim Overly	<b>ACCOUNT NO.</b>
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**PROJECT DESCRIPTION**  
Install approximately 40 new dedicated drinking water testing sites around the Town. These sites would be used to get water samples for the State mandated monthly testing. By installing sampling locations, we can limit the number of homes that are entered each month and reduce the chances of false positive samples from homeowner contamination. The sampling stations can be in parks, inside fenced pump stations or other public locations.

**BACKGROUND/HISTORY**  
The State adopted the new Revised Total Coliform Rule in 2014, which changes how violations are determined when bacteriological samples are collected. Under the new rules, the Utility must submit a bacteriological sampling plan which can stay as a submitted plan currently on file with the State or change the plan and go to fixed site sampling locations.

**IMPACT ON OPERATING BUDGET**  
None.

<b>LOCATION MAP</b>		
Varied Locations.		
<b>PROJECT SCHEDULE</b>	<b>START</b>	<b>FINISH</b>
LAND/RIGHT OF WAY	N/A	N/A
DESIGN/ENGINEERING	8/17	11/17
UTILITY RELOCATION	N/A	N/A
CONSTRUCTION	3/18	7/18
<b>TOTAL PROJECT</b>	<b>8/17</b>	<b>7/18</b>

PROJECT COSTS	Prior Appropriations	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	TOTAL
LAND/RIGHT OF WAY							-
DESIGN/ENGINEERING							-
UTILITY RELOCATION							-
CONSTRUCTION			40.0				40.0
LANDSCAPING							-
EQUIPMENT/FURNISHINGS							-
OTHER							-
<b>TOTAL COSTS</b>	-	-	40.0	-	-	-	40.0
SOURCE OF FUNDS	Prior Appropriations	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	TOTAL
GENERAL FUND							-
WATER & SEWER FUND			40.0				40.0
BONDS							-
OTHER -							-
OTHER - Stormwater Fees							-
<b>TOTAL SOURCE</b>	-	-	40.0	-	-	-	40.0

**FY 2017** **TOWN OF COLLIERVILLE CAPITAL INVESTMENT PROGRAM** (Amounts in 000's dollars)

<b>RESPONSIBLE DEPARTMENT</b> Public Utilities	<b>PROJECT TITLE</b> Equipment - Tandem Axle Dump Truck	<b>PROJECT MANAGER</b> Tim Overly	<b>ACCOUNT NO.</b>
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**PROJECT DESCRIPTION**  
Purchase a replacement tandem axle dump truck. The tandem axle dump truck has a 16 cubic yard dump body and is used to haul construction material. Dump trucks are used daily by the Distribution and Collection crews. This truck will replace Unit #370, a 1997 model truck.

**BACKGROUND/HISTORY**  
The diesel powered dump truck, Unit #370, has been used to haul construction materials such as rock, sand, dirt, etc. It will be 18 years old when replaced.

**IMPACT ON OPERATING BUDGET**  
None - replacement equipment.

<b>LOCATION MAP</b>		
N/A		
<b>PROJECT SCHEDULE</b>	<b>START</b>	<b>FINISH</b>
LAND/RIGHT OF WAY	N/A	N/A
DESIGN/ENGINEERING	N/A	N/A
UTILITY RELOCATION	N/A	N/A
CONSTRUCTION	N/A	N/A
<b>TOTAL PROJECT</b>	7/18	5/19

PROJECT COSTS	Prior Appropriations	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	TOTAL
LAND/RIGHT OF WAY							-
DESIGN/ENGINEERING							-
UTILITY RELOCATION							-
CONSTRUCTION							-
LANDSCAPING							-
EQUIPMENT/FURNISHINGS				125.0			125.0
OTHER							-
<b>TOTAL COSTS</b>	-	-	-	125.0	-	-	125.0
SOURCE OF FUNDS	Prior Appropriations	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	TOTAL
GENERAL FUND							-
WATER & SEWER FUND				125.0			125.0
BONDS							-
OTHER -							-
OTHER -							-
<b>TOTAL SOURCE</b>	-	-	-	125.0	-	-	125.0

**FY 2017** **TOWN OF COLLIERVILLE CAPITAL INVESTMENT PROGRAM** (Amounts in 000's dollars)

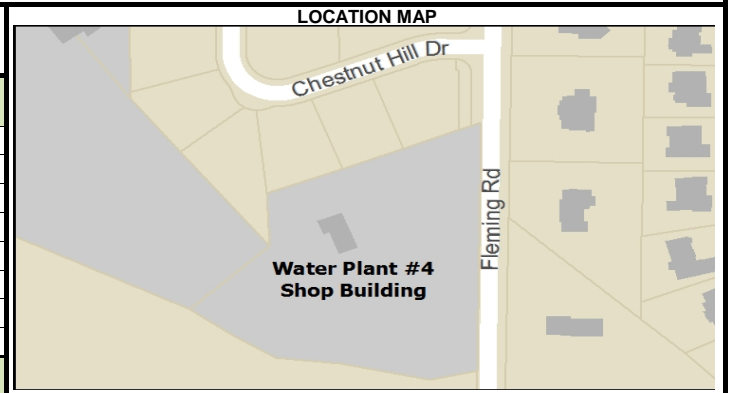
<b>RESPONSIBLE DEPARTMENT</b> Public Utilities	<b>PROJECT TITLE</b> Shop Building Water Plant #4	<b>PROJECT MANAGER</b> Clay Holabird	<b>ACCOUNT NO.</b>
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**PROJECT DESCRIPTION**  
Construct a maintenance shop and parts storage building at Water Treatment Plant #4 on Fleming Road. The building would be approximately 30' x 30' and would expand the functionality of this plant.

**BACKGROUND/HISTORY**  
The Water Treatment Plant #4 on Fleming Road was built in 1999. It serves as the central water plant with all of the lab, office space, and computers and is the only one of these facilities with a restroom. Storage and maintenance workspace needs are currently being fulfilled by the utilization of an old, approximately 17'x 22', metal shed at Water Plant #1 in the Historic Square. Long term plans for Water Treatment Plant #1 include removing the metal building to provide area for water treatment processes thus increasing the potential for use of the very limited area available on the property.

**IMPACT ON OPERATING BUDGET**  
Around \$2,200 per year in utilities and maintenance.

PROJECT COSTS	Prior Appropriations	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	TOTAL
LAND/RIGHT OF WAY							-
DESIGN/ENGINEERING				25.0			25.0
UTILITY RELOCATION							-
CONSTRUCTION				155.0			155.0
LANDSCAPING							-
EQUIPMENT/FURNISHINGS							-
OTHER							-
<b>TOTAL COSTS</b>	-	-	-	180.0	-	-	180.0
SOURCE OF FUNDS	Prior Appropriations	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	TOTAL
GENERAL FUND							-
WATER & SEWER FUND				180.0			180.0
BONDS							-
OTHER -							-
OTHER -							-
<b>TOTAL SOURCE</b>	-	-	-	180.0	-	-	180.0



PROJECT SCHEDULE	START	FINISH
LAND/RIGHT OF WAY	NA	NA
DESIGN/ENGINEERING	10/18	10/19
UTILITY RELOCATION	NA	NA
CONSTRUCTION	4/19	10/19
<b>TOTAL PROJECT</b>	10/18	10/19



**FY 2017** **TOWN OF COLLIERVILLE CAPITAL INVESTMENT PROGRAM** (Amounts in 000's dollars)

<b>RESPONSIBLE DEPARTMENT</b> Public Utilities	<b>PROJECT TITLE</b> Water Distribution System Improvements	<b>PROJECT MANAGER</b> Clay Holabird	<b>ACCOUNT NO.</b>
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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**  
  
Varied Locations.

PROJECT COSTS	Prior Appropriations	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	TOTAL
LAND/RIGHT OF WAY							-
DESIGN/ENGINEERING				50.0	50.0	50.0	150.0
UTILITY RELOCATION							-
CONSTRUCTION				550.0	550.0	550.0	1,650.0
LANDSCAPING							-
EQUIPMENT/FURNISHINGS							-
OTHER							-
<b>TOTAL COSTS</b>	-	-	-	600.0	600.0	600.0	1,800.0
SOURCE OF FUNDS	Prior Appropriations	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	TOTAL
GENERAL FUND							-
WATER & SEWER FUND				600.0	600.0	600.0	1,800.0
BONDS							-
OTHER -							-
OTHER -							-
<b>TOTAL SOURCE</b>	-	-	-	600.0	600.0	600.0	1,800.0

PROJECT SCHEDULE	START	FINISH
LAND/RIGHT OF WAY	N/A	N/A
DESIGN/ENGINEERING	8/18	6/21
UTILITY RELOCATION	N/A	N/A
CONSTRUCTION	3/19	6/21
<b>TOTAL PROJECT</b>	8/18	6/21

**FY 2017** **TOWN OF COLLIERVILLE CAPITAL INVESTMENT PROGRAM** (Amounts in 000's dollars)

<b>RESPONSIBLE DEPARTMENT</b> Public Utilities	<b>PROJECT TITLE</b> Sewer System Improvements	<b>PROJECT MANAGER</b> Clay Holabird	<b>ACCOUNT NO.</b>
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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 COSTS	Prior Appropriations	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	TOTAL
LAND/RIGHT OF WAY							-
DESIGN/ENGINEERING				50.0	50.0	50.0	150.0
UTILITY RELOCATION							-
CONSTRUCTION				700.0	700.0	700.0	2,100.0
LANDSCAPING							-
EQUIPMENT/FURNISHINGS							-
OTHER							-
<b>TOTAL COSTS</b>	-	-	-	750.0	750.0	750.0	2,250.0
SOURCE OF FUNDS	Prior Appropriations	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	TOTAL
GENERAL FUND							-
WATER & SEWER FUND				750.0	750.0	750.0	2,250.0
BONDS							-
OTHER -							-
OTHER -							-
<b>TOTAL SOURCE</b>	-	-	-	750.0	750.0	750.0	2,250.0

PROJECT SCHEDULE	START	FINISH
LAND/RIGHT OF WAY	N/A	N/A
DESIGN/ENGINEERING	9/18	7/21
UTILITY RELOCATION	N/A	N/A
CONSTRUCTION	4/19	7/21
<b>TOTAL PROJECT</b>	9/18	7/21

**FY 2017** **TOWN OF COLLIERVILLE CAPITAL INVESTMENT PROGRAM** (Amounts in 000's dollars)

<b>RESPONSIBLE DEPARTMENT</b> Public Utilities	<b>PROJECT TITLE</b> Equipment - Mini-Excavator	<b>PROJECT MANAGER</b> Tim Overly	<b>ACCOUNT NO.</b>
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**PROJECT DESCRIPTION**  
Purchase of a new mini-excavator.

**BACKGROUND/HISTORY**  
Mini-excavators are smaller excavators on tracks. With the smaller size they can be used in yards, smaller streets and other confined areas. This machine will cause less damage to property (ex: resident and businesses yards) than a backhoe. Currently, the Public Utilities department does not have a mini-excavator. The purchase of one will eliminate the need to borrow one from the Streets and Drainage Division.

**IMPACT ON OPERATING BUDGET**  
Estimated \$4,000 per year (\$900 in fuel, \$100 in maintenance, and \$3,000 buyback program)

**LOCATION MAP**

PROJECT COSTS	Prior Appropriations	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	TOTAL
LAND/RIGHT OF WAY							-
DESIGN/ENGINEERING							-
UTILITY RELOCATION							-
CONSTRUCTION							-
LANDSCAPING							-
EQUIPMENT/FURNISHINGS					55.0		55.0
OTHER							-
<b>TOTAL COSTS</b>	-	-	-	-	55.0	-	55.0

N/A

SOURCE OF FUNDS	Prior Appropriations	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	TOTAL
GENERAL FUND							-
WATER & SEWER FUND					55.0		55.0
BONDS							-
OTHER -							-
OTHER -							-
<b>TOTAL SOURCE</b>	-	-	-	-	55.0	-	55.0

PROJECT SCHEDULE	START	FINISH
LAND/RIGHT OF WAY	N/A	N/A
DESIGN/ENGINEERING	N/A	N/A
UTILITY RELOCATION	N/A	N/A
CONSTRUCTION	N/A	N/A
<b>TOTAL PROJECT</b>	9/19	2/20

