



# Davidson County Capital Improvement Plan (CIP)

FY 2019-2024

# Davidson County Capital Improvement Plan

FY 2019-2024

## Capital Planning Process

The Capital Improvement Program is a planning process established to develop an annual Capital Improvement Plan (CIP). The CIP is a 5-year plan for the funding of major purchases, construction and renovation projects, and land acquisitions. Generally, projects included in the CIP are expected to cost at least \$100,000, have an expected life of at least 10 years, and are expected to take more than one year to complete. Other projects may be included in the CIP if they represent significant expenditures of county funds. Typical CIP projects include the construction of Emergency Medical Services bases, schools, and major system upgrades. The Capital Improvement Program is a planning process, not a funding process or project authorization process. Once projects are identified and revenue and expenditure estimates are prepared, the Board of Commissioners must initiate each project through the approval and adoption of a capital project ordinance.

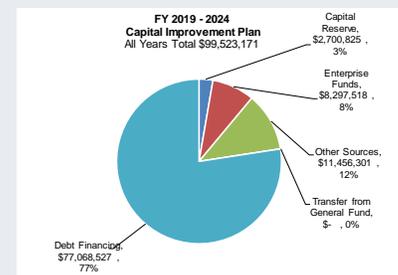
## Impact on the Annual Operating Budget

In addition to planning for the construction of new projects, the County must also plan for new operating expenses related to new facilities proposed in the CIP. A new Emergency Medical Services base, for instance, will require additional expenses beyond those used to construct the facility. Additional personnel, equipment, and facility expenses will be required to operate the new base. These anticipated expenses are included on the CIP project pages and are incorporated into the County's annual operating budget planning process where the Board has initiated / approved related projects.

### CIP in Brief



Total "All Years" and "All Funds" (Including Sewer and Landfill) = \$99.5M



Total "All Years" for Just County Government + Education Projects = \$86.3M

FY 2019 - 2024 Capital Improvement Plan - Summary by Project (General Government and Education)

Category / Project	Total (All Years)
<b>Expenses</b>	
<b>General Government</b>	
Voting Equipment Replacement	\$ 1,500,000
Clerk of Court Renovations	\$ 6,460,811
Courthouse Renovations / Expansion	\$ 23,230,864
Courthouse / COC Furnishings	\$ 293,625
New Detention Facility	\$ 41,106,153
EMS Lexington Base	\$ 350,000
EMS Administration Expansion	\$ 282,200
EMS Silver Valley Base	\$ 275,000
Grant for Airport Approach Lighting System	\$ 3,177,000
Grant for Airport Runway, Taxiway and Apron Strengthening	\$ 7,200,000
<b>Total</b>	<b>\$ 83,875,653</b>
<b>Education</b>	
School HVAC / Roof Repair / Replacement	\$ 2,390,000
<b>Total</b>	<b>\$ 2,390,000</b>
<b>Total</b>	<b>\$ 86,265,653</b>
<b>Source of Funds</b>	
Capital Reserve	\$ 2,700,825
Other Sources	\$ 10,377,000
Transfer from General Fund	\$ -
Debt Financing	\$ 73,187,828
<b>Total</b>	<b>\$ 86,265,653</b>

# Capital Improvement Plan FY 2019 - 2024

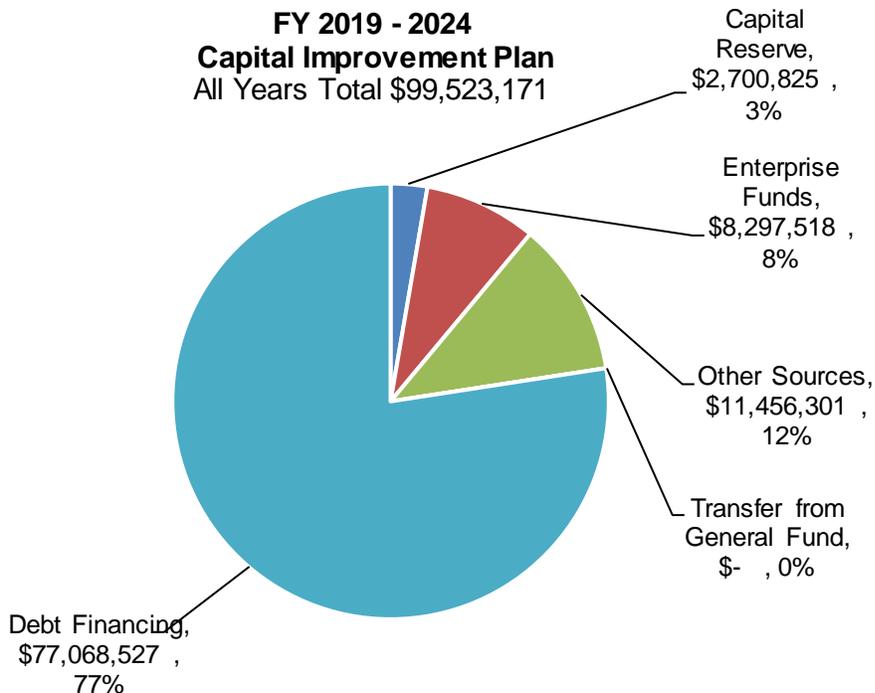
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## Capital Planning Process

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## Impact on the Annual Operating Budget

In addition to planning for the construction of new projects, the County must also plan for new operating expenses related to new facilities proposed in the CIP. A new Emergency Medical Services base, for instance, will require additional expenses beyond those used to construct the facility. Additional personnel, equipment, and facility expenses will be required to operate the new base. These anticipated expenses are included on the CIP project pages and are incorporated into the County's annual operating budget planning process where the Board has initiated / approved related projects.



**Davidson County**  
 Capital Improvements Plan (CIP)  
 School / Community College Requests Not Included Within Five Year Plan

Project	Request
<b>Davidson County Schools</b>	
Fire Alarm Upgrades or Replacements	\$ 2,000,000
Cameras & Safety Equipment Upgrades & Repairs	\$ 700,000
HVAC and Boiler Replacement	\$ 2,200,000
YVRCA - Replace HVAC	\$ 2,369,395
Southwood Elementary Metal Roof	\$ 1,600,000
Wallburg Elementary Metal Roof	\$ 750,000
Ledford Middle Metal Roof	\$ 1,600,000
North Senior High School Roof	\$ 2,200,000
Reeds Elementary Metal Roof	\$ 1,000,000
Tyro Middle Addition Metal Roof	\$ 400,000
Silver Valley Addition Metal Roof	\$ 500,000
Pilot - Enlarge Dinning & Enclose Access	\$ 1,500,000
AC For 18 School Gyms - Brown , CDHS, CDMS, Churchland, DCHS, Denton, EDHS, LHS, LMS, NDHS, NDMS, Silver Valley, SDHS, SDMS, TES, TMS, YVRC, WDHS	\$ 4,000,000
AC For 13 Cafeteria Kitchens- Churchland, Denton, LHS,LMS, NDHS, NDMS, Silver Valley, SDHS, SDMS, TES, TMS, YVRC, Wallburg, WDHS	\$ 3,000,000
Davis Townsend Municipal Sewer Connection	\$ 2,000,000
Tyro Middle New Cafeteria	\$ 2,518,384
New Wallburg Area Elementary and Land Purchase	\$ 22,226,210
New Bus Garage Land & Infrastructure	\$ 6,000,000
YVRCA Elevator for ADA	\$ 250,000
Athletic Seating Repairs & Replacement	\$ 650,000
Install Suspended Ceilings Across District	\$ 760,000
Covered Walkways	\$ 1,000,000
Light Conversion - T12 Florescent to LED Lighting Systems	\$ 1,200,000
Generators Across the District	\$ 3,100,000
Cooling Towers Replaced	\$ 2,500,000
Food Storage Warehouse	\$ 2,500,000
Maintenance Warehouse Addition	\$ 500,000
Perimeter Fencing Around Schools	\$ 760,000
Asbestos Abatement Elimination of all Schools	\$ 5,800,000
Athletic Light Relamping to Meet NCHSAA Standards	\$ 3,000,000
Address Traffic Issues (Across District)	\$ 3,000,000

**Davidson County**  
 Capital Improvements Plan (CIP)  
 School / Community College Requests Not Included Within Five Year Plan

Project	Request
Paving- All Schools	\$ 8,300,000
New Administration Office	\$ 6,000,000
<b>Total</b>	<b>\$ 95,883,989</b>

Lexington City Schools

	\$ 2,000,000
Lexington Middle School HVAC Needs	\$ 1,006,764
Lexington Middle School Roof Replacements	\$ 1,404,264
Lexington Senior High Roof Replacements	\$ 640,000
Boiler Replacements	\$ 745,404
Southwest Elementary Roof Replacement	\$ 607,548
South Lexington Elementary Roof Replacement	\$ 633,360
Pickett Elementary Roof Replacements	\$ 205,620
South Lexington Development Center Roof Replacement	\$ 105,840
Administration Office Roof Replacement	\$ 954,000
Replace R22 Systems	\$ 154,000
South Lexington Elementary Chiller Replacement	\$ 75,000
Lexington High School Softball and Baseball Fields Fencing	\$ 750,000
Athletic Light for Playing Fields to Meet NCHSAA Standards	\$ 85,000
Lexington High School Track Resurfacing and Repairs	\$ 150,000
Cameras & Safety Equipment Upgrades & Repairs	\$ 440,500
Technology Upgrades - Lexington Senior High	\$ 464,900
Technology Upgrades- Lexington Middle School	\$ 306,000
Technology Upgrades - Charles England	\$ 282,900
Pickett Elementary School - Technology Upgrades	\$ 251,600
Technology Upgrades - Southwest	\$ 15,000
Lexington High School Bleachers for Softball and Baseball	\$ 7,000
Central Office AC & Furnace Replacement	\$ 3,000,000
Asbestos Abatement Elimination of all Schools	\$ 6,149,024
Lexington High School - School Renovation	
<b>Total</b>	<b>\$ 20,433,724</b>

Thomasville City Schools

HVAC/ Electrical Upgrades:

**Davidson County**  
 Capital Improvements Plan (CIP)  
 School / Community College Requests Not Included Within Five Year Plan

Project	Request
THS CTE & Math HVAC	\$ 500,000
THS Gym Heat / Air with Electrical Upgrade	\$ 500,000
Technology Infrastructure	\$ 75,000
Temp Control Updates	\$ 150,000
Finch Auditorium Chiller	\$ 250,000
TMS Generator	\$ 35,000
Total	<u>\$ 1,510,000</u>
Renovations:	
Security and Safety	\$ 500,000
Gym Renovations (Excludes Roof and HVAC)	\$ 500,000
Complete Renovation of THS CTE Building to House New Advanced Manufacturing Program	\$ 750,000
Finch Auditorium Renovations	\$ 1,250,000
Total	<u>\$ 3,000,000</u>
Buildings:	
Renovated Building for New Central Office	\$ 750,000
	<u>\$ 750,000</u>
<b>Total</b>	<b><u>\$ 5,260,000</u></b>

Davidson County Community College

Love Elevator Upgrade	\$ 120,000
Gee South Wing Roof Replacement	\$ 110,000
Love and Finch Structural Repairs	\$ 125,000
Brinkley Roof Replacement	\$ 110,000
Brooks Elevator Upgrade	\$ 120,000
Fire Alarm and Egress Upgrades	\$ 454,000
Brooks Boiler Replacement	\$ 200,000
Finch Boiler Replacement	\$ 185,000
Mendenhall Roof Replacement	\$ 120,000
Gee Building North Wing Roof Top Unit Replacements	\$ 1,000,000
Finch Elevator Upgrade	\$ 120,000
Replace Electrical Switch Gear in Sinclear Building	\$ 225,000

**Davidson County**  
Capital Improvements Plan (CIP)  
School / Community College Requests Not Included Within Five Year Plan

<b>Project</b>	<b>Request</b>
<b>Total</b>	<u><b>\$ 2,889,000</b></u>
<b>Total All Requests</b>	<u><u><b>\$ 124,466,713</b></u></u>

**Davidson County Schools**  
 Capital Improvements Plan (CIP) FY 2018-2023  
 Large Project Requests - Five Year Plan

Project	Request	Project Description / Justification	Possible Alternatives Evaluated	Priority Ranking	School Growth Trends / Key Stats	Life Safety Issue (Yes / No)	Timeframe to Implement
Fire Alarm Upgrades or Replacements	\$ 2,000,000	Schools across the district need to have their fire alarms upgraded or replaced.	None at this time.	1	We are currently having more problems with our alarms which cause false alarms and inconveniences the fire departments.	Yes	Half 1-2 years Half 3-5 years
Cameras & Safety Equipment Upgrades & Repairs	\$ 700,000	We have been working on placing a minimum number of cameras in every school. Controlled access systems have been added to all schools. Additional systems are currently being installed. Glass enclosures are also being installed.	Received \$125,000 safety grant from the state.	2	School systems across America must continue to improve safety measures.	Yes	3-5 years
HVAC and Boiler Replacement	\$ 2,200,000	HVAC systems are old and failing. Boilers have internally condensated and have rusted inside.	HVAC systems and boilers will eventually fail.	3	HVAC systems and boilers will eventually fail and repairs continue to be costly and time consuming.	Yes	3-5 years
YVRCA - Replace HVAC	\$ 2,369,395	School needs to replace boiler and window AC units.	Continue to make costly repairs.	4	Most expensive utility bills of all of our schools.	No	1-2 years
Southwood Elementary Metal Roof	\$ 1,600,000	1977 asphalt single ply roof.	Continue to make costly repairs.	5	Roofs have reached their life expectancy.	Yes	1-2 years
Wallburg Elementary Metal Roof	\$ 750,000	1952,61, 63, 94 shingle asphalt roof.	Continue to make costly repairs.	6	Roofs have reached their life expectancy.	Yes	1-2 years
Ledford Middle Metal Roof	\$ 1,600,000	1956 asphalt single ply roof.	Continue to make costly repairs.	7	Roofs have reached their life expectancy.	Yes	1-2 years
North Senior High School Roof	\$ 2,200,000	1952, 68, 75, ballast, rubber, and flat built up roof.	Continue to make costly repairs.	8	Roofs have reached their life expectancy.	Yes	1-2 years

**Davidson County Schools**  
Capital Improvements Plan (CIP) FY 2018-2023  
Large Project Requests - Five Year Plan

Project	Request	Project Description / Justification	Possible Alternatives Evaluated	Priority Ranking	School Growth Trends / Key Stats	Life Safety Issue (Yes / No)	Timeframe to Implement
Reeds Elementary Metal Roof	\$ 1,000,000	1951, 61, 75 roof with extensive repairs done in 1987.	Continue to make costly repairs.	9	Roofs have reached their life expectancy.	Yes	1-2 years
Tyro Middle Addition Metal Roof	\$ 400,000	1994 built up roof.	Continue to make costly repairs.	10	Roofs have reached their life expectancy.	Yes	1-2 years
Silver Valley Addition Metal Roof	\$ 500,000	1995 roof	Continue to make costly repairs.	11	Roofs have reached their life expectancy.	Yes	1-2 years
Pilot - Enlarge Dinning & Enclose Access	\$ 1,500,000	Safety to keep students inside the school when going to the cafeteria.	Continue to operate with safety measures in place.	12	Safety of the students when walking to and from the lunch room will need to be monitored.	Yes	3-5 years
AC For 18 School Gyms - Brown , CDHS, CDMS, Churchland, DCHS, Denton, EDHS, LHS, LMS, NDHS, NDMS, Silver Valley, SDHS, SDMS, TES, TMS, YVRC, WDHS	\$ 4,000,000	Health concerns for heat related possible injury's to students, staff, and spectators.	Industrial large floor fans are used at many of the school to keep air moving.	13	Temperatures and air flow could be a factor of heat related injuries.	Yes	3-5 years
AC For 13 Cafeteria Kitchens- Churchland, Denton, LHS,LMS, NDHS, NDMS, Silver Valley, SDHS, SDMS, TES, TMS, YVRC, Wallburg, WDHS	\$ 3,000,000	Health concerns for employees to better the working conditions for the staff and to better serve students with proper food preparation management.	No other alternatives will work.	14	Room temperatures rise over 100 degrees in the kitchen area. Creating an unsafe working environment.	Yes	3-5 years
Davis Townsend Municipal Sewer Connection	\$ 2,000,000	Only school that is not on county sewer.	Working fine now, but could be a problem in the future.	15	Do not want to close school because of current site conditions for waste.	No	5-10 years
Tyro Middle New Cafeteria	\$ 2,518,384	Lunches served from 10:50 to 1:30. Area is very small where students and staff can eat.	Non-Applicable	16	Overcrowded and can not be used for another purposes.	No	3-5 years
New Wallburg Area Elementary and Land Purchase	\$ 22,226,210	Relieve overcrowding and accommodate area growth.	Redistricting would overcrowd Friendship, Midway and Friedberg Elementary.	17	School is operating at 138% (DPI figures) overcapacity environment.	No	3-5 years
New Bus Garage Land & Infrastructure	\$ 6,000,000	New buses will not fit inside work bays.	Continue using garages with garage door bays open.	18	All new buses will not be able to fit inside of garage bay area.	Yes	1-5 years

**Davidson County Schools**  
 Capital Improvements Plan (CIP) FY 2018-2023  
 Large Project Requests - Five Year Plan

Project	Request	Project Description / Justification	Possible Alternatives Evaluated	Priority Ranking	School Growth Trends / Key Stats	Life Safety Issue (Yes / No)	Timeframe to Implement
YVRCA Elevator for ADA	\$ 250,000	Safety measure for current ADA standards.	Future need for handicap access.	19	As the school grows in numbers, we may need to accommodate handicap students upstairs.	Yes	3-5 years
Athletic Seating Repairs & Replacement	\$ 650,000	Many schools across the district are in need of repair.	Do not use sections that are dangerous.	20	We must continue to make repairs to keep our schools safe.	Yes	2-3 years
Install Suspended Ceilings Across District	\$ 760,000	Many schools across the district are in need of having suspended ceiling installed.	None at this time.	21	None	No	3-5 years
Covered Walkways	\$ 1,000,000	Covered Walkways are needed across the district to protect students and staff from weather conditions.	None.	22	None	No	3-5 years
Light Conversion - T12 Florescent to LED Lighting Systems	\$ 1,200,000	Energy savings.	None at this time.	23	Cost saving and better lighting.	No	3-5 years
Generators Across the District	\$ 3,100,000	Allows us to continue school when power is out. Allows us to have shelters for emergencies.	None at this time.	24	We have been losing power on a more consistent bases and causes concerns.	Yes	Quarter 1-2 yr. Quarter 3-5 yr. Half 6-10 years
Cooling Towers Replaced	\$ 2,500,000	Needed repairs and replacements.	None at this time.	25	Cost savings with better efficiency.	Yes	3-5 years
Food Storage Warehouse	\$ 2,500,000	Need a larger building to house a larger freezer and cooler so that we do not need to rent space for frozen foods.	Continue to rent space for frozen food.	26	Currently paying to store 55 pallets of frozen food off school grounds.	No	1-5 years
Maintenance Warehouse Addition	\$ 500,000	More storage is needed to store more maintenance items on site.	Continue to store equipment outside storage containers.	27	Inventory has been stolen from outside storage containers and storage areas.	No	1-5 years
Perimeter Fencing Around Schools	\$ 760,000	Safety measures to protect students from being abducted.	Use of cameras for surveillance.	28	Safety measures and a way to secure our schools from vandalism.	Yes	5 years

**Davidson County Schools**  
 Capital Improvements Plan (CIP) FY 2018-2023  
 Large Project Requests - Five Year Plan

Project	Request	Project Description / Justification	Possible Alternatives Evaluated	Priority Ranking	School Growth Trends / Key Stats	Life Safety Issue (Yes / No)	Timeframe to Implement
Asbestos Abatement Elimination of all Schools	\$ 5,800,000	Remove all Asbestos from all schools would provide an safer environment for our students, staff and community.	Continue to remove asbestos when making repairs in our schools.	29	We will continue to monitor and inspect asbestos in all of our schools to provide a safe environment.	Yes	N/A
Athletic Light Relamping to Meet NCHSAA Standards	\$ 3,000,000	Most of DCS athletic fields do not meet the standards to hold playoff games and is a safety issue.	N/A	30	N/A	Yes	3-5 years
Address Traffic Issues (Across District)	\$ 3,000,000	Many of our older schools do not have enough room on campus to get cars off the main road entering schools for student pick up and drop off lines.	N/A	31	N/A	Yes	3-5 years
Paving- All Schools	\$ 8,300,000	Safety concern with a cost saving for long-term life expectancy.	Continue to patch and repair until funds become available.	32	Many of our schools parking lots and driveway were recently paved and many are in good shape.	Yes	3-5 years
New Administration Office	\$ 6,000,000	Better working conditions, energy savings, up to date ADA standards and larger offices and meeting areas.	Continue to spend money up keeping a dangerous building	33	Building was built in 1910 and is limited in space and additions would not be prudent.	Yes	1-5 years
<b>Total Davidson County Schools</b>	<b><u>\$ 95,883,989</u></b>						

**Lexington City Schools**  
 Capital Improvements Plan (CIP) FY 2019-2024  
 Large Project Requests - Five Year Plan

Project	Request	Project Description / Justification	Possible Alternatives Evaluated	Priority Ranking	School Growth Trends / Key Stats	Life Safety Issue (Yes / No)	Timeframe to Implement
Lexington Middle School HVAC Needs	\$ 2,000,000	Replace 6 air handlers in the rooftop penthouses; replace air handler for band room; replace 2 split units for cafeteria; provide cooling for kitchen; provide cooling for gym; replace exhaust system for kitchen; replace cooling systems for art and home education classrooms	None	1	Engineering Report Available	Yes	1 to 2 years
Lexington Middle School Roof Replacements	\$ 1,006,764	Main bldg. (1994-1996), Gym/Shop addition (1985)	Continue costly repairs to existing roofs	2	Roofs have reached their end of life stage	Yes	1 to 2 years
Lexington Senior High Roof Replacements	\$ 1,404,264	Gym (1992), ROTC (1998), Kitchen (1988), Auditorium/band room (1990), Vocational (1993), Health Occupations (1989), Science (1998), Fieldhouse (2000), Concessions Stands & Outbuildings, Home Concession (1987/recoated 2000)	Continue costly repairs to existing roofs	3	Roofs have reached their end of life stage	Yes	1 to 2 years
Boiler Replacements	\$ 640,000	Boiler ages range from 1990-93. Change out 8 atmosphere "energy hog" boilers to high efficiency boilers	Continue costly repairs to existing equipment	4	Boilers will eventually fail and repairs continue to be costly	Yes	2 to 3 years
Southwest Elementary Roof Replacement	\$ 745,404	replace 1988 roof	Continue costly repairs to existing roofs	5	Roof has reached its end of life stage	Yes	N/A
South Lexington Elementary Roof Replacement	\$ 607,548	replace 1988 roof	Continue costly repairs to existing roofs	6	Roof has reached its end of life stage	Yes	N/A
Pickett Elementary Roof Replacements	\$ 633,360	Original bldg. (1986-1987), Media Center Addition (1995), Classroom addition (2001)	Continue costly repairs to existing roofs	7	Roofs have reached their end of life stage	Yes	N/A
South Lexington Development Center Roof Replacement	\$ 205,620	Replace 1992 roof	Continue costly repairs to existing roofs	8	Roof has reached its end of life stage	Yes	N/A
Administration Office Roof Replacement	\$ 105,840	Replace 1988 roof	Continue costly repairs to existing roofs	9	Roof has reached its end of life stage	Yes	N/A

**Lexington City Schools**  
 Capital Improvements Plan (CIP) FY 2019-2024  
 Large Project Requests - Five Year Plan

Project	Request	Project Description / Justification	Possible Alternatives Evaluated	Priority Ranking	School Growth Trends / Key Stats	Life Safety Issue (Yes / No)	Timeframe to Implement
Replace R22 Systems	\$ 954,000	R22 refrigerant will no longer be available beginning 2020 because refrigerant is an ozone depleting product.	In some units it's possible to use 407c refrigerant	10	N/A	N/A	N/A
South Lexington Elementary Chiller Replacement	\$ 154,000	Replace 1992 chiller	Chiller is not operational. The new secondary chiller struggles when temperatures are above 95 degrees	11	Chiller will eventually fail and repairs continue to be costly	Yes	N/A
Lexington High School Softball and Baseball Fields Fencing	\$ 75,000	Fields are currently not useable for games all games played away from home.	Continue expense of all away games	12	N/A	N/A	1 to 5 years
Athletic Light for Playing Fields to Meet NCHSAA Standards	\$ 750,000	School Track and Baseball fields do not have lighting and cannot host home games. LCS athletic fields do not meet the standards to hold playoff games and is a safety issue. Athletic fields are not compliant with High School Athletic rules.	None	13	N/A	Yes	1 to 5 years
Lexington High School Track Resurfacing and Repairs	\$ 85,000	Track is in bad condition the surface is coming up and there is a flooding problem.		14	Current track is not suitable for Meets and Competition	Yes	2 years
Cameras & Safety Equipment Upgrades & Repairs	\$ 150,000	Schools need to provide a safe environment. We have been working on placing a minimum number of cameras in every school. Install cameras in blind areas and update cameras that are no longer operational.	None	15	N/A	Yes	2 to 3 years
Technology Upgrades - Lexington Senior High	\$ 440,500	Replace interactive boards in all core classrooms including new cabling and wiring. All interactive boards are 8-10 years old. Need laptop carts in 9 core classrooms to support one-one program. Modernized technology equipment allows for more interactive opportunity for students and increased engagement.	None	16	N/A	No	3 to 5 years

**Lexington City Schools**  
 Capital Improvements Plan (CIP) FY 2019-2024  
 Large Project Requests - Five Year Plan

Project	Request	Project Description / Justification	Possible Alternatives Evaluated	Priority Ranking	School Growth Trends / Key Stats	Life Safety Issue (Yes / No)	Timeframe to Implement
Technology Upgrades- Lexington Middle School	\$ 464,900	Replace interactive boards in all core classrooms including new cabling and wiring. All interactive boards are 8-10 years old. Provide additional laptop carts in core classes to create a one-to-one program in core classes. Modernized technology equipment allows for more interactive opportunity for students and increased engagement.	None	17	N/A	No	3 to 5 years
Technology Upgrades - Charles England	\$ 306,000	Replace interactive boards in all core classrooms including new cabling and wiring. All interactive boards are 8-10 years old. Modernized technology equipment allows for more interactive opportunity for students and increased engagement.	None	18	N/A	No	3 to 5 years
Pickett Elementary School - Technology Upgrades	\$ 282,900	Replace interactive boards in all core classrooms including new cabling and wiring. All interactive boards are 8-10 years old. Modernized tech equip allows for more interactive opportunity for students and increased engagement.	None	19	N/A	No	3 to 5 years
Technology Upgrades - Southwest	\$ 251,600	Replace interactive boards in all core classrooms including new cabling and wiring. All interactive boards are 8-10 years old. Modernized tech equip allows for more interactive opportunity for students and increased engagement.	None	20	N/A	No	3 to 5 years
Lexington High School Bleachers for Softball and Baseball	\$ 15,000	Seating is needed to host home games	None	21	No bleachers currently at fields	N/A	3 years
Central Office AC & Furnace Replacement	\$ 7,000	Replace 1987 Central Office AC & Furnace	Continue costly repairs to existing equipment	22	AC and furnace will eventually fail and repairs continue to be costly	Yes	1 year
Asbestos Abatement Elimination of all Schools	\$ 3,000,000	Remove all asbestos from all schools would provide an safer environment for our students, staff and community.	Continue to remove asbestos when making repairs in our schools.	23	N/A	Yes	5 years

**Lexington City Schools**  
 Capital Improvements Plan (CIP) FY 2019-2024  
 Large Project Requests - Five Year Plan

Project	Request	Project Description / Justification	Possible Alternatives Evaluated	Priority Ranking	School Growth Trends / Key Stats	Life Safety Issue (Yes / No)	Timeframe to Implement
Lexington High School - School Renovation	\$ 6,149,024	School was built in the 1950's. No significant renovations have ever been done.	Build new high school	24	N/A	No	5 years
<b>Total Lexington City Schools</b>	<b><u>\$ 20,433,724</u></b>						

**Thomasville City Schools**  
 Capital Improvements Plan (CIP) FY 2019 - 2024  
 Large Project Requests - Five Year Plan

Project	Request	Project Description / Justification	Possible Alternatives Evaluated	Priority Ranking for the Category	School Growth Trends / Key Stats	Life Safety Issue (Yes / No)	Timeframe to Implement
<b>Roofing Needs</b>							
	\$ -						
Total	<u>\$ -</u>						
<b>HVAC/ Electrical Upgrades</b>							
TMS Generator	\$ 35,000	Replace emergency generator. Current system is obsolete, some repair parts are not available.	No none alternatives	Priority 1	No growth anticipated	Yes	2019-2020
Math Building at THS / HVAC Replacement	\$ 500,000	Replace HVAC units and piping in classrooms. Existing system is over 45 years old, inefficient, and difficult to maintain	Other alternative can be researched such as Bard units for each classroom to spread replacement cost over two years.	Priority 2	No growth anticipated	No	2020-2022
Finch Auditorium Chiller	\$ 250,000	Replace existing Chiller. Existing chiller has become un reliable. Repairs and routine maintenance are costly.	Replace water cooled system with air cooled system.	Priority 3	No growth anticipated	No	2020-2021
THS Gym Heat / Air with Electronical Upgrade	\$ 500,000	Install air conditioning in main gym area and replace boilers. Gym was never air conditioned except for office and classroom areas. Boilers are oil fired and 50 years old.	Install gas fired boilers and air conditioning for gym.	Priority 4	No growth anticipated	No	2021-2022

**Thomasville City Schools**  
 Capital Improvements Plan (CIP) FY 2019 - 2024  
 Large Project Requests - Five Year Plan

Project	Request	Project Description / Justification	Possible Alternatives Evaluated	Priority Ranking for the Category	School Growth Trends / Key Stats	Life Safety Issue (Yes / No)	Timeframe to Implement
Technology Infrastructure	\$ 75,000	Install Supplemental air conditioning in data closets to keep equipment from over heating.	Replacement can be done in different phases to spread cost over different budget years.	Priority 5	No growth anticipated	No	2021-2023
Temp Control Updates	\$ 150,000	Replace HVAC energy management controls. Current system is obsolete and uses "dial up" modems for remote access to buildings.	Replacement can be done in different phases to spread cost over different budget years.	Priority 6	N/A	No	2021-2023
Total	<u>\$ 1,510,000</u>						

**Renovations & Facility/Property Upgrades**

Complete Renovation of THS CTE Building to House New Advanced Manufacturing Program (Includes Roofing and HVAC)	\$ 750,000	Building will hold the new STEM program so it has to re-configured for Advanced Manufacturing Equipment and will still hold ROTC program. Roofing & HVAC must be replaced.	No other alternatives. Only building suited on campus for the program.	Priority 1	New program so students are expected to take advantage of courses. Student numbers are limited based on class size	Yes	2019-2020
Security and Safety	\$ 500,000	New Entrances for TMS & TPS where visitors must be buzzed into main building. Electronic entrances at all doors and/or swipe system for entrance.	Installations can be done in different phases to spread cost over different budget years.	Priority 2	N/A	Yes	2019-2022

**Thomasville City Schools**  
 Capital Improvements Plan (CIP) FY 2019 - 2024  
 Large Project Requests - Five Year Plan

Project	Request	Project Description / Justification	Possible Alternatives Evaluated	Priority Ranking for the Category	School Growth Trends / Key Stats	Life Safety Issue (Yes / No)	Timeframe to Implement
Gym Renovations (Excludes Roof and HVAC)	\$ 500,000	General renovations needed that include new student and athletic lockers, LED lighting in classrooms and dressing rooms. Space for ADA compliant bathroom in locker room area	Replacement can be done in different phases to spread cost over different budget years.	Priority 3	N/A	No	2019-2023
Finch Auditorium Renovations that Include New Audio-Visual Equipment, Flooring, and Seating.	\$ 1,250,000	Replace carpet in auditorium area. Current carpet and seating is over 40 years old. New screens are needed for digital technology.	Reduce carpeted area. Paint concrete floor in low traffic areas. Look for vendors that refurbish seats.	Priority 4	N/A	No	2019-2023
Total	<u>\$ 3,000,000</u>						
<b>Buildings</b>							
Renovated Building for New Central Office	\$ 750,000	Currently, we are running out of space for offices in current building. Not cost effective to renovate current Central Office.	Several scenarios could be developed for re-purpose of current Central Office such as a Staff Development center or Bulldog Academy.	Priority 1	N/A	No	2022-2023
Total	<u>\$ 750,000</u>						
<b>Total Thomasville City Schools</b>	<u><b>\$ 5,260,000</b></u>						

**Davidson County Community College**  
 Capital Improvements Plan (CIP) FY 2019-2024  
 Large Project Request - Five Year Plan

Project	Request	Project Description / Justification	Possible Alternatives Evaluated	Priority Ranking	Life Safety Issue (Yes / No)	Timeframe to Implement	Fiscal Year
Love Elevator Upgrade	\$ 120,000	Elevator put into service in 1977. Consistently malfunctions and, most recently, we had an employee accident due to its malfunction.	None at this time.	1	Yes	Half 1-2 years	19-20
Gee South Wing Roof Replacement	\$ 110,000	Aging roofs across campus need replacing to prevent damage to infrastructure.	Continue to make costly repairs.	2	Yes	Half 1-2 years	19-20
Love and Finch Structural Repairs	\$ 125,000	Buildings have significant structural cracks. Crack monitors have been installed and are being monitored.	None at this time.	3	Yes	Half 1-2 years	19-20
Brinkley Roof Replacement	\$ 110,000	Aging roofs across campus need replacing to prevent damage to infrastructure.	Continue to make costly repairs.	4	Yes	1-2 years	20-21
Brooks Elevator Upgrade	\$ 120,000	Elevator put into service in 1981. Consistently malfunctions	None at this time.	5	Yes	1-2 years	20-21
Fire Alarm and Egress Upgrades	\$ 454,000	Numerous buildings across campus need the fire alarm and egress lighting upgraded	None at this time.	6	Yes	1-2 years	20-21
Brooks Boiler Replacement	\$ 200,000	1981 boiler needs to be replaced.	Boilers will eventually fail.	7	Yes	1-2 years	20-21
Finch Boiler Replacement	\$ 185,000	1974 boiler needs to be replaced.	Boilers will eventually fail.	8	Yes	3-5 years	21-22
Mendenhall Roof Replacement	\$ 120,000	Aging roofs across campus need replacing to prevent damage to infrastructure.	Continue to make costly repairs.	9	Yes	3-5 years	21-22
Gee Building North Wing Roof Top Unit Replacements	\$ 1,000,000	(7) rooftop units are 20 years old and do not work properly and also have coil leaks. Replacement includes replacing VAV boxes and pneumatic controls.	Rooftop units will eventually fail.	10	Yes	3-5 years	21-22
Finch Elevator Upgrade	\$ 120,000	Elevator put into service in 1974. Consistently malfunctions	None at this time.	11	Yes	3-5 years	21-22

**Davidson County Community College**  
 Capital Improvements Plan (CIP) FY 2019-2024  
 Large Project Request - Five Year Plan

Project	Request	Project Description / Justification	Possible Alternatives Evaluated	Priority Ranking	Life Safety Issue (Yes / No)	Timeframe to Implement	Fiscal Year
Replace Electrical Switch Gear in Sinclear Building	\$ 225,000	Original electrical in building (1962). Branch wiring is cloth covered rubber that has tendency to dry out, crack and fall away when disturbed.	None at this time.	12	Yes	3-5 years	22-23
<b>Total Davidson County Community College</b>	<b><u>\$ 2,889,000</u></b>						

**Davidson County**

County Government Projects not Included in the FY 2019 - 2024 CIP but are Considered "Horizon Issues"

Project	Estimated Cost	Estimated Offsetting Revenues	Net County Cost	First Year Operating Cost
<b>Linwood Park Renovations</b> - Add lights to small ballfield and replace the ones utilized on the larger field. Small ballfield grading, playground and restrooms upgrades and driveway and dugout renovations.	\$ 1,140,000	\$ -	\$ 1,140,000	\$ -
<b>Hughes Park Renovations</b> - Additional ballfields, walking track, disc golf course, splash pad and picnic shelters.	\$ 2,424,000	\$ 900,000	\$ 1,524,000	\$ -
<b>Denton Park Renovations</b> - Renovate restrooms, walking track as well as add new ballfield lights, and fencing.	\$ 370,000	\$ -	\$ 370,000	\$ -
<b>Southmont Park Renovations</b> - Replace lights on large ballfield and renovate restrooms.	\$ 100,000	\$ -	\$ 100,000	\$ -
<b>Boone's Cave Park Renovations</b> - Add a non-conventional playground, resurface road and renovate bathhouse and camp sites.	\$ 525,000	\$ -	\$ 525,000	\$ -
<b>Optimist Park Renovations</b> - Add playground and renovate restrooms and other facilities as well as pave walking trails.	\$ 148,000	\$ -	\$ 148,000	\$ -
<b>West Campus Renovations</b> - Add additional space and gym to current facility.	\$ 2,500,000	\$ -	\$ 2,500,000	\$ -
<b>Lake Thom-A-Lex</b> - Replace fishing piers and Miracle Playground.	\$ 155,000	\$ 51,667	\$ 103,333	\$ -
<b>Wil-Cox Bridge Upgrades</b> - Add amenities such as parking lot, benches, a boardwalk, better boating access, picnic shelters, landscaping and planters.	\$ 3,210,000	\$ 1,600,000	\$ 1,610,000	\$ -
<b>Hughes Park Multi-Sports Center</b> - 58,000 sq. ft. facility with 5,000 auditorium.	\$ 3,000,000	\$ -	\$ 3,000,000	\$ -
<b>Public Land Acquisition</b> (Alcoa - Greenways).	\$ 10,000,000	\$ -	\$ 10,000,000	\$ -
<b>Agriculture Center / Livestock Arena</b> - 21,000 sq. ft. facility including land acquisition.	\$ 5,630,000	\$ -	\$ 5,630,000	\$ -
<b>Davis Townsend Elementary School Sewer Extension</b> - Extending the sewer line from I-85 / Hwy 64 to Davis Townsend Elementary School and replacing the existing septic tank.	\$ 1,500,000	\$ -	\$ 1,500,000	\$ -
<b>Buoys for High Rock Lake</b> - Partner with Rowan County to strategically place buoys throughout High Rock Lake.	\$ 150,000	\$ -	\$ 150,000	\$ 15,000
<b>Additional Airport Hangers</b> - DCAA wishes to seek County funding to add hanger space.	\$ 275,000	\$ 275,000	\$ -	\$ -
<b>Total</b>	<b>\$ 31,127,000</b>	<b>\$ 2,826,667</b>	<b>\$ 28,300,333</b>	<b>\$ 15,000</b>

FY 2019 - 2024 Capital Improvement Plan Summary (All Projects)

Project	Department	2019	2020	2021	2022	2023	2024	Total
New Detention Facility	Courts	\$ -	\$ -	\$ 4,110,615	\$ -	\$ 36,995,538	\$ -	\$ 41,106,153
Voting Equipment Replacement	Elections	\$ -	\$ 1,500,000	\$ -	\$ -	\$ -	\$ -	\$ 1,500,000
State Clerk of Court Renovations	Courts	\$ 5,460,811	\$ 1,000,000	\$ -	\$ -	\$ -	\$ -	\$ 6,460,811
Courthouse Renovations / Expansion	Courts	\$ 11,875,794	\$ 11,355,070	\$ -	\$ -	\$ -	\$ -	\$ 23,230,864
Courthouse / COC Furnishings	Courts	\$ -	\$ 293,625	\$ -	\$ -	\$ -	\$ -	\$ 293,625
EMS Lexington Base	EMS	\$ -	\$ -	\$ 350,000	\$ -	\$ -	\$ -	\$ 350,000
EMS Administration Expansion	EMS	\$ -	\$ -	\$ -	\$ 282,200	\$ -	\$ -	\$ 282,200
EMS Silver Valley Base	EMS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 275,000	\$ 275,000
Airport Approach Lighting System	Airport	\$ -	\$ 678,889	\$ 2,498,111	\$ -	\$ -	\$ -	\$ 3,177,000
Airport Runway Strengthening	Airport	\$ -	\$ -	\$ 7,200,000	\$ -	\$ -	\$ -	\$ 7,200,000
Arcadia & Hwy 150	Sewer	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 850,000	\$ 850,000
West Lexington Sewer 109 Sewer	Sewer	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,645,000	\$ 1,645,000
Welcome / North Davidson	Sewer	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,225,000	\$ 1,225,000
Southmont Sewer	Sewer	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,240,000	\$ 1,240,000
School HVAC / Roof Repair / Replacement	Education	\$ -	\$ 2,390,000	\$ -	\$ -	\$ -	\$ -	\$ 2,390,000
Replace Scraper Pan 627F Off Road Dump Truck	Landfill	\$ -	\$ 595,568	\$ -	\$ -	\$ -	\$ -	\$ 595,568
Purchase (826 Trash Compactor)	Landfill	\$ -	\$ -	\$ 675,060	\$ -	\$ -	\$ -	\$ 675,060
Landfill Road Bridge Repair / Replacement	Landfill	\$ -	\$ -	\$ -	\$ 534,000	\$ -	\$ -	\$ 534,000
Purchase (Trackloader for Landfill)	Landfill	\$ -	\$ -	\$ -	\$ 343,412	\$ -	\$ -	\$ 343,412
Cell Construction Phase II Area 2b (5.9 Acres)	Landfill	\$ -	\$ -	\$ 2,546,125	\$ -	\$ -	\$ 2,850,000	\$ 5,396,125
Purchase (Roll Off Truck)	Landfill	\$ -	\$ 168,000	\$ -	\$ -	\$ 172,000	\$ -	\$ 340,000
Replace D6 Dozer for Landfill	Landfill	\$ -	\$ 413,353	\$ -	\$ -	\$ -	\$ -	\$ 413,353
<b>Total</b>		<b>\$ 17,336,605</b>	<b>\$ 18,394,505</b>	<b>\$ 17,379,911</b>	<b>\$ 1,159,612</b>	<b>\$ 37,167,538</b>	<b>\$ 8,085,000</b>	<b>\$ 99,523,171</b>

Note: The Six Sewer Projects Listed Above Are Placeholder Projects Should Any Private Demand Increase Growth To Where The Sewer Project Is Needed.

**FY 2019 - 2024 Capital Improvement Plan - Summary by Function**

<b>Category / Function</b>	<b>Current Year FY 2019</b>	<b>2020 Estimated</b>	<b>2021 Estimated</b>	<b>2022 Estimated</b>	<b>2023 Estimated</b>	<b>2024 Estimated</b>	<b>Total (All Years)</b>
<b>Expenses</b>							
General Government	\$ 17,336,605	\$ 14,827,584	\$ 14,158,726	\$ 282,200	\$ 36,995,538	\$ 275,000	\$ 83,875,653
Education	\$ -	\$ 2,390,000	\$ -	\$ -	\$ -	\$ -	\$ 2,390,000
Sewer	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 4,960,000	\$ 4,960,000
Landfill	\$ -	\$ 1,176,921	\$ 3,221,185	\$ 877,412	\$ 172,000	\$ 2,850,000	\$ 8,297,518
<b>Total</b>	<b>\$ 17,336,605</b>	<b>\$ 18,394,505</b>	<b>\$ 17,379,911</b>	<b>\$ 1,159,612</b>	<b>\$ 37,167,538</b>	<b>\$ 8,085,000</b>	<b>\$ 99,523,171</b>
<b>Source of Funds</b>							
Capital Reserve	\$ -	\$ 1,793,625	\$ 350,000	\$ 282,200	\$ -	\$ 275,000	\$ 2,700,825
Enterprise Funds	\$ -	\$ 1,176,921	\$ 3,221,185	\$ 877,412	\$ 172,000	\$ 2,850,000	\$ 8,297,518
Other Sources	\$ 1,079,301	\$ 678,889	\$ 9,698,111	\$ -	\$ -	\$ -	\$ 11,456,301
Transfer from General Fund	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Debt Financing	\$ 16,257,304	\$ 14,745,070	\$ 4,110,615	\$ -	\$ 36,995,538	\$ 4,960,000	\$ 77,068,527
<b>Total</b>	<b>\$ 17,336,605</b>	<b>\$ 18,394,505</b>	<b>\$ 17,379,911</b>	<b>\$ 1,159,612</b>	<b>\$ 37,167,538</b>	<b>\$ 8,085,000</b>	<b>\$ 99,523,171</b>

**FY 2019 - 2024 Capital Improvement Plan - Summary by Project**  
(General Government and Education)

Category / Project	Current Year FY 2019	2020 Estimated	2021 Estimated	2022 Estimated	2023 Estimated	2024 Estimated	Total (All Years)
<b>Expenses</b>							
<b>General Government</b>							
Voting Equipment Replacement	\$ -	\$ 1,500,000	\$ -	\$ -	\$ -	\$ -	\$ 1,500,000
Clerk of Court Renovations	\$ 5,460,811	\$ 1,000,000	\$ -	\$ -	\$ -	\$ -	\$ 6,460,811
Courthouse Renovations / Expansion	\$ 11,875,794	\$ 11,355,070	\$ -	\$ -	\$ -	\$ -	\$ 23,230,864
Courthouse / COC Furnishings	\$ -	\$ 293,625	\$ -	\$ -	\$ -	\$ -	\$ 293,625
New Detention Facility	\$ -	\$ -	\$ 4,110,615	\$ -	\$ 36,995,538	\$ -	\$ 41,106,153
EMS Lexington Base	\$ -	\$ -	\$ 350,000	\$ -	\$ -	\$ -	\$ 350,000
EMS Administration Expansion	\$ -	\$ -	\$ -	\$ 282,200	\$ -	\$ -	\$ 282,200
EMS Silver Valley Base	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 275,000	\$ 275,000
Grant for Airport Approach Lighting System	\$ -	\$ 678,889	\$ 2,498,111	\$ -	\$ -	\$ -	\$ 3,177,000
Grant for Airport Runway, Taxiway and Apron Strengthening	\$ -	\$ -	\$ 7,200,000	\$ -	\$ -	\$ -	\$ 7,200,000
<b>Total</b>	<b>\$ 17,336,605</b>	<b>\$ 14,827,584</b>	<b>\$ 14,158,726</b>	<b>\$ 282,200</b>	<b>\$ 36,995,538</b>	<b>\$ 275,000</b>	<b>\$ 83,875,653</b>
<b>Education</b>							
School HVAC / Roof Repair / Replacement	\$ -	\$ 2,390,000	\$ -	\$ -	\$ -	\$ -	\$ 2,390,000
<b>Total</b>	<b>\$ -</b>	<b>\$ 2,390,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 2,390,000</b>
<b>Total</b>	<b>\$ 17,336,605</b>	<b>\$ 17,217,584</b>	<b>\$ 14,158,726</b>	<b>\$ 282,200</b>	<b>\$ 36,995,538</b>	<b>\$ 275,000</b>	<b>\$ 86,265,653</b>
<b>Source of Funds</b>							
Capital Reserve	\$ -	\$ 1,793,625	\$ 350,000	\$ 282,200	\$ -	\$ 275,000	\$ 2,700,825
Other Sources	\$ -	\$ 678,889	\$ 9,698,111	\$ -	\$ -	\$ -	\$ 10,377,000
Transfer from General Fund	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Debt Financing	\$ 17,336,605	\$ 14,745,070	\$ 4,110,615	\$ -	\$ 36,995,538	\$ -	\$ 73,187,828
<b>Total</b>	<b>\$ 17,336,605</b>	<b>\$ 17,217,584</b>	<b>\$ 14,158,726</b>	<b>\$ 282,200</b>	<b>\$ 36,995,538</b>	<b>\$ 275,000</b>	<b>\$ 86,265,653</b>

**Davidson County**  
Summary Outstanding Debt Schedule

	<b>Budget Year</b>	<b>Budget Year</b>	<b>Budget Year</b>	<b>Budget Year</b>	<b>Budget Year</b>
	2019	2020	2021	2022	2023
	2020	2021	2022	2023	2024
Debt Service Obligations (General Fund)					
QSCBs	\$13,295,012	\$11,325,948	\$9,364,025	\$ 7,409,244	\$ 5,461,604
General Obligation (GO) Bonds	\$42,752,750	\$37,113,550	\$31,674,750	\$ 26,432,950	\$ 21,391,400
Limited Obligation Bonds (LOBs)	\$62,640,299	\$56,983,275	\$51,489,075	\$ 46,153,105	\$ 40,976,545
Total Current Debt Outstanding	<b>\$ 118,688,061</b>	<b>\$ 105,422,773</b>	<b>\$ 92,527,850</b>	<b>\$ 79,995,299</b>	<b>\$ 67,829,549</b>
Debt from New Borrowing	<b>\$ 15,938,602</b>	<b>\$ 28,301,468</b>	<b>\$ 30,256,292</b>	<b>\$ 28,725,908</b>	<b>\$ 63,601,660</b>
Total Outstanding Debt	<b>\$ 134,626,663</b>	<b>\$ 133,724,241</b>	<b>\$ 122,784,141</b>	<b>\$ 108,721,207</b>	<b>\$ 131,431,210</b>

**Davidson County**  
Summary of Projected Interest and Principal Debt Payments

	Budget Year	Budget Year	Budget Year	Budget Year	Budget Year
	2019	2020	2021	2022	2023
	2020	2021	2022	2023	2024
Debt Service Payments (General Fund)					
General Obligation (GO) Bonds	\$ 5,639,200	\$ 5,438,800	\$ 5,241,800	\$ 5,041,550	\$ 4,796,550
Limited Obligation Bonds (LOBs)	\$ 5,657,024	\$ 5,494,200	\$ 5,335,970	\$ 5,176,560	\$ 5,016,620
QSCB's	\$ 1,969,064	\$ 1,961,923	\$ 1,954,781	\$ 1,947,640	\$ 1,940,498
Total Current Debt Payments	<u>\$ 13,265,288</u>	<u>\$ 12,894,923</u>	<u>\$ 12,532,551</u>	<u>\$ 12,165,750</u>	<u>\$ 11,753,668</u>
New Borrowing	<u>\$ 2,808,782</u>	<u>\$ 3,350,821</u>	<u>\$ 3,267,892</u>	<u>\$ 5,893,342</u>	<u>\$ 5,874,405</u>
Total Principal and Interest Debt Service	<u>\$ 16,074,070</u>	<u>\$ 16,245,744</u>	<u>\$ 15,800,443</u>	<u>\$ 18,059,092</u>	<u>\$ 17,628,073</u>
<b>Debt Service as a Percentage of Operating Budget</b>	<b>11%</b>	<b>11%</b>	<b>11%</b>	<b>12%</b>	<b>11%</b>
Population (Per NC Office of Budget and Management)	169,834	170,091	171,087	172,080	173,074
Debt Service Budget Per Capita (Estimated with Existing + New)	\$95	\$96	\$92	\$105	\$102
Existing Debt Service for Davidson County Per Capita As of 6/30/18 Financial Statements	\$89	\$89	\$89	\$89	\$89
Debt Service for Davidson County's Population Group Per Capita As of 6/30/18 on the LGC Website	\$180	\$180	\$180	\$180	\$180
Debt Service Per Capita Statewide Average As of 6/30/18 on the LGC Website	\$163	\$163	\$163	\$163	\$163

**Davidson County**  
Projected Property Taxes

	<b>Budget Year</b>		<b>Budget Year</b>		<b>Budget Year</b>		<b>Budget Year</b>		<b>Budget Year</b>	
	<b>2019</b>		<b>2020</b>		<b>2021</b>		<b>2022</b>		<b>2023</b>	
	<b>2020</b>		<b>2021</b>		<b>2022</b>		<b>2023</b>		<b>2024</b>	
Property Tax Revenue	\$73,214,542		\$78,549,327		\$80,004,942		\$81,899,849		\$81,961,234	
Collection Rate	96.75%		96.75%		96.75%		96.75%		96.75%	
Tax Rate	0.5400		0.5687		0.5687		0.5687		0.5621	
Property Tax Base	14,013,693,583	1.87%	14,276,056,753	1.85%	14,540,609,562	2.37%	14,885,002,040	1.25%	15,071,064,565	
Revaluation Growth							1.0%			
One Penny Equals	\$1,355,825		\$1,381,208		\$1,406,804		\$1,440,124		\$1,458,125	
Increase from Previous Year	\$ 724,896		\$ 5,334,785		\$ 1,455,615		\$ 1,894,907		\$ 61,385	
Tax Rate Change	\$ -		\$ 0.0287		\$ -		\$ -		\$ (0)	
Dollar Change	\$ -		\$ 3,964,068		\$ -		\$ -		\$ (962,363)	
Total Growth	\$ 724,896		\$ 1,370,716		\$ 1,455,615		\$ 1,894,907		\$ 1,023,748	
Net Growth of Tax Base	\$ 724,896		\$ 1,370,716		\$ 1,455,615		\$ 947,453		\$ 1,023,748	
Revaluation Growth	\$ -		\$ -		\$ -		\$ 947,453		\$ -	
Revenue Neutral Effect	\$ -		\$ 2.87		\$ -		\$ (0.66)		\$ -	
Tax Rate	\$ 54.00		\$ 56.87		\$ 56.87		\$ 56.21		\$ 56.21	

**Davidson County**  
Estimated Revenue Redistributed Sales Tax - Article 44

FY 2019 Adopted Budget \$ 2,828,441

2019-2020	2020-2021	2021-2022	2022-2023	2023-2024
\$ 3,091,364	\$ 3,149,592	\$ 3,205,226	\$ 3,261,521	\$ 3,318,448

**Davidson County**  
Estimated Revenue Article 46 Sales Tax

FY 2017-18 Year End Actual	\$ 3,168,266
FY 2018-19 Adopted Budget	\$ 3,025,000

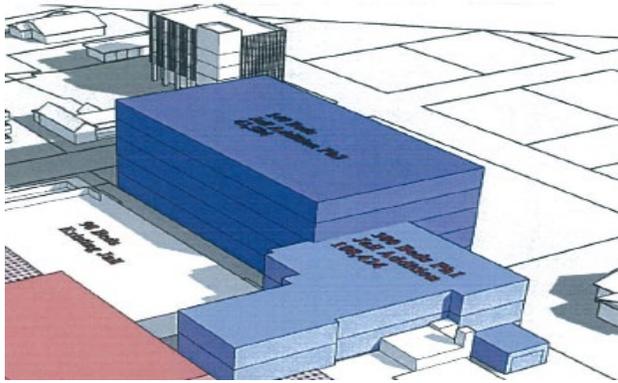
2019-2020	2020-2021	2021-2022	2022-2023	2023-2024
\$ 3,150,000	\$ 3,228,750	\$ 3,309,469	\$ 3,392,205	\$ 3,477,011

**Davidson County**  
Financial Model

Category	FY 2019 - 2020 Adopted		FY 2020 - 2021 Estimated		FY 2021 - 2022 Estimated		FY 2022 - 2023 Estimated		FY 2023 - 2024 Estimated			
Previous Year's General Fund Budget	\$	133,958,449	\$	138,972,999	\$	141,918,225	\$	144,138,452	\$	149,150,547		
<b>Operating Effects to General Government</b>												
Base Personnel (Excluding Insurance + Retirement)	\$	1,011,383	2.39%	\$	1,300,380	3.00%	\$	1,379,573	3.00%	\$	1,420,960	3.00%
Group Health Insurance	\$	575,394	7.18%	\$	601,096	7.00%	\$	688,195	7.00%	\$	736,369	7.00%
Retirement Contribution	\$	519,732	13.96%	\$	63,637	1.50%	\$	65,561	1.50%	\$	66,544	1.50%
Operating Expenses	\$	1,973,855	7.72%	\$	-	0.00%	\$	-	0.00%	\$	-	0.00%
General Fund Capital Outlay	\$	(425,599)	-16.95%	\$	-	0.00%	\$	-	0.00%	\$	-	0.00%
<b>Operating Effects to the Schools</b>												
Current Expense And Capital To School System	\$	364,317	1.87%	\$	371,130	1.85%	\$	386,954	1.25%	\$	391,791	1.25%
<b>Increase (Decrease) Current Debt Schedule</b>	\$	(1,813,315)		\$	(370,366)		\$	(366,802)		\$	(412,082)	
<b>Projected Budget</b>	\$	136,164,217		\$	140,938,876		\$	146,291,933		\$	151,354,129	
<b>Capital Improvement Plan</b>												
<b>Projects Funded By Debt</b>												
Community College	\$	-		\$	-		\$	-		\$	-	
Schools	\$	247,810		\$	240,376		\$	226,169		\$	219,384	
Sewer	\$	-		\$	-		\$	-		\$	144,272	
General Government	\$	2,560,972		\$	549,473		\$	2,632,445		\$	-	
Capital Improvements Impact on Budget	\$	-		\$	189,500		\$	-		\$	3,275,710	
<b>Total Growth for the General Fund</b>	\$	138,972,999		\$	141,918,225		\$	144,138,452		\$	149,150,547	
<b>One-Time Capital Expenditures</b>												
CIP Projects Funded by General Fund	\$	-		\$	-		\$	-		\$	-	
CIP Projects Funded by the Capital Reserve	\$	1,793,625		\$	350,000		\$	-		\$	275,000	
Sales Tax Pay as You Go	\$	-		\$	-		\$	-		\$	-	
<b>Total Expenditures</b>	\$	140,766,624		\$	142,268,225		\$	144,420,652		\$	149,150,547	
<b>Revenue Summary</b>												
Previous Year's General Fund Budget	\$	133,958,449		\$	138,370,181		\$	144,608,021		\$	149,718,873	
<b>Increase In Revenue Growth</b>												
1/4 Cent Sales Tax	\$	75,000	2.48%	\$	77,500	2.50%	\$	81,423	2.50%	\$	83,459	2.50%

**Davidson County**  
Financial Model

Category	FY 2019 - 2020 Adopted		FY 2020 - 2021 Estimated		FY 2021 - 2022 Estimated		FY 2022 - 2023 Estimated		FY 2023 - 2024 Estimated	
Property Tax	\$ 724,896	1.87%	\$ 1,370,716	1.85%	\$ 1,456,921	2.37%	\$ 948,303	1.25%	\$ 1,024,666	1.25%
Tax Rate Change	\$ -	-	\$ 4,034,510	-	\$ -	-	\$ -	-	\$ (962,363)	-
Revaluation	\$ -	-	\$ -	-	\$ -	-	\$ 948,303	-	\$ -	-
Base Sales Tax	\$ 1,057,854	5.23%	\$ 639,100	3.00%	\$ 658,273	3.00%	\$ 678,021	3.00%	\$ 698,361	3.00%
Redistributed Sales Tax	\$ 93,635	3.31%	\$ (9,085)	-0.31%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%
Lottery Funds	\$ -	-	\$ (206,183)	-12.50%	\$ (206,183)	-14.29%	\$ (206,183)	-16.67%	\$ (206,183)	-20.00%
Other Revenue	\$ 2,460,347	8.02%	\$ 331,283	1.00%	\$ 334,596	1.00%	\$ 337,942	1.00%	\$ 341,321	1.00%
<b>Total Growth for the General Fund</b>	<b>\$ 138,370,181</b>		<b>\$ 144,608,021</b>		<b>\$ 146,931,064</b>		<b>\$ 149,718,873</b>		<b>\$ 150,698,134</b>	
<b>One Time Revenue Source</b>										
Capital Reserve Proceeds	\$ 1,793,625		\$ 350,000		\$ 282,200		\$ -		\$ 275,000	
<b>Total Revenues</b>	<b>\$ 140,163,806</b>		<b>\$ 144,958,021</b>		<b>\$ 147,213,264</b>		<b>\$ 149,718,873</b>		<b>\$ 150,973,134</b>	
Tax Increase (Decrease)	\$ -		\$ 2.92		\$ -		\$ -		\$ (0.66)	
<b>Effect on Fund Balance</b>										
Beginning Fund Balance	\$ 60,457,666		\$ 56,802,343		\$ 55,836,816		\$ 57,663,901		\$ 60,059,311	
Increase (Decrease) Fund Balance	\$ (3,655,323)		\$ (965,527)		\$ 1,827,085		\$ 2,395,411		\$ (1,899,950)	
<b>Ending Fund Balance</b>	<b>\$ 56,802,343</b>		<b>\$ 55,836,816</b>		<b>\$ 57,663,901</b>		<b>\$ 60,059,311</b>		<b>\$ 58,159,362</b>	
Fund Balance %	40.53%		38.52%		39.17%		40.11%		38.52%	
Tax Rate	54.00		56.92		56.92		56.92		56.26	
Tax Neutral Effect of Revaluation	\$ -		\$ 2.92		\$ -		\$ (0.66)		\$ -	
Revenue Generated by Revaluation	\$ -		\$ -		\$ -		\$ 948,303		\$ -	
Revenue Neutral Tax Rate	\$ 54.00		\$ 56.92		\$ 56.92		\$ 56.26		\$ 56.26	



**Project Description:** The new detention facility project would replace the old, 1950s jail facility and be constructed on the site of the existing Post Office. This construction project would provide critically necessary detention facilities for the County, and provide a net increase of 200 beds even after closing the old jail. In total, the jail's increase to a roughly 500-bed capacity would allow the County to meet present and long-term detention needs.

**Project Funding:** Project funding entirely from Debt Proceeds (100%).

**Operating Impacts:** Operating impacts include (32) new positions to operate the additional "inmate beds" added within the new detention facility. Further, the Sheriff's Office budget will need additional operating dollars such as inmate meals and medical due to the increased number of inmate beds.

Category	Current Year FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 2019-2024
<b>Expenses</b>							
Construction	\$ -	\$ -	\$ -	\$ -	\$ 32,884,923	\$ -	\$ 32,884,923
Contingency	\$ -	\$ -	\$ -	\$ -	\$ 4,110,615	\$ -	\$ 4,110,615
Equipment / Furnishings	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Planning	\$ -	\$ -	\$ 4,110,615	\$ -	\$ -	\$ -	\$ 4,110,615
Site Acquisition	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>Total</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 4,110,615</b>	<b>\$ -</b>	<b>\$ 36,995,538</b>	<b>\$ -</b>	<b>\$ 41,106,153</b>
<b>Revenues</b>							
Capital Fund Balance	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Debt Financing	\$ -	\$ -	\$ 4,110,615	\$ -	\$ 36,995,538	\$ -	\$ 41,106,153
Enterprise Funds	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Other Sources	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Transfer from General Fund	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
School Capital Funds	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>Total</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 4,110,615</b>	<b>\$ -</b>	<b>\$ 36,995,538</b>	<b>\$ -</b>	<b>\$ 41,106,153</b>
<b>Operating Budget Impacts</b>							
Personnel	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,769,189	\$ 1,769,189
Other Expenses	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 952,641	\$ 952,641
<b>Sub-Total</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 2,721,830</b>	<b>\$ 2,721,830</b>
LESS: Available Funds	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>Net Impact</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>
<b># Positions</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>32.00</b>	<b>0.00</b>















**Project Description:** Based on the 2014 Ambulance Placement Study conducted by the Piedmont Triad Regional Council (PTRC), the area located near Silver Valley was identified as a location for a future EMS base. The proposed base located off Hwy 109 / Hwy 64 would provide increased service and better response times for that area of the County.

**Project Funding:** Project funding entirely from Capital Fund Balance (100%).

**Operating Impacts:** Operating impacts for FY 2024 would include adding a new EMS unit (This includes the cost associated with eight additional full time positions plus the one-time cost for a new ambulance).

Category	Current Year FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 2019-2024
<b>Expenses</b>							
Construction	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 275,000	\$ 275,000
Contingency	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Equipment / Furnishings	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Planning	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Site Acquisition	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>Total</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 275,000</b>	<b>\$ 275,000</b>
<b>Revenues</b>							
Capital Fund Balance	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 275,000	\$ 275,000
Debt Financing	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Enterprise Funds	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Other Sources	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Transfer from General Fund	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
School Capital Funds	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>Total</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 275,000</b>	<b>\$ 275,000</b>
<b>Operating Budget Impacts</b>							
Personnel	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 400,880	\$ 400,880
Other Expenses	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 153,000	\$ 153,000
<b>Sub-Total</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 553,880</b>	<b>\$ 553,880</b>
LESS: Available Funds	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>Net Impact</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>
<b># Positions</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>8.00</b>	<b>0.00</b>

























