



Chatham County, NC

FY 2025-2031 Capital Improvements Plan



Approved Version - 10/10/2023

Last updated 01/24/24



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INTRODUCTION

Chatham County 2025-2031 Capital Improvements Program

The CIP is a long-term plan for funding the County's major capital needs. It shows how facilities, equipment, and other projects that cost \$100,000 or more could be scheduled and funded over the next seven years, beginning in FY 2025.

It is important to state upfront that this is a PLAN, not a BUDGET, since a budget controls the actual spending of allocated funds. While staff attempts to be as accurate as possible, it is difficult to estimate project costs exactly, particularly early in the planning process. Before funds can be spent, they must be budgeted through the operating budget or, in most cases, through a separately adopted project ordinance.

The same is true for operating costs. As facilities are being planned, staff attempts to identify operating costs, such as staffing and utilities. The cost of these items depends on final square footage and operational issues that may not be apparent until the facility is far along in planning.

CIP Process

The CIP is a plan that is updated annually during the budget process and may be modified at any time to reflect changing conditions. A CIP is a systematic way of anticipating, planning, and budgeting for major projects. The adoption of a CIP can improve the credit worthiness (bond rating) of a jurisdiction.

Timeline for adoption:

- CIP requests originate at the department level. Requests were submitted by departments on or before September 25, 2023.
- The Manager's Office is responsible for reviewing new and existing requests and recommending a proposed CIP to the Board of Commissioners. The recommended CIP will be presented on November 6, 2023.
- Commissioners obtain public input on the CIP before discussing it. A public hearing is scheduled for November 20, 2023.
- Commissioners review the recommendation in detail and make changes. Commissioners have a work session scheduled on November 21, 2023.
- The final action is adoption of the CIP, tentatively scheduled for the December 18, 2023, meeting.

Overall Approach

Three new debt-funded projects are recommended in this CIP, a Career and Technical Education building at CCCC, a new County Complex project, and a new Sheriff's Office Administration building. All of these projects were listed as future projects in last year's CIP. In FY 2022, the annual contribution to the debt reserve increased by 0.5 cents of the property tax to a total of 9.7 cents, depending on the actual costs for these new projects, and debt-funded projects approved in the FY2024-2030 CIP, an increase in the annual contribution to the debt reserve will likely be required in the a future budget.

Staff tries to include reasonable escalation of costs in project budgets, but because projects are scheduled in the future actual inflation may prove higher than planned inflation. Due to the current high demand for construction and the increasing cost of materials, prior escalation of 5-8% is now too low, and higher rates are now being applied.

An additional point to consider is that the county's authority to levy school impact fees is being studied by the NC General Assembly. If that authority is repealed, approximately three additional cents on the property tax rate would be required to make up for this loss for approved projects in the debt model.

There are significant future projects on the horizon, namely the construction of additional elementary or middle schools, significant capital repair/replacements at school facilities, and the construction of a number of trails within the county. While a good number of these projects will be funded using capital reserves, some of these projects will also require debt funding and will add to the county's debt load, which is already projected to be the highest in our population group. To ensure capacity for these critical projects additional debt-funded projects, which are not deemed an absolute necessity, should be avoided in the near future.

Recommended Changes

The FY2024-2030 CIP was approved by the Board on December 19, 2022.

Changes to previously approved projects include the following:

Schools - Schools projects are recommended as requested by the Chatham County Board of Education, unless noted below.

- **Add a new project to install HVAC systems at existing gymnasiums** - Add HVAC systems to existing gymnasiums at Chatham Middle, George Moses Horton Middle, Moncure School, JS Waters School, North Chatham Elementary, and Perry Harrison Elementary [+\$3,085,589].
- **Increase the budget of the Margaret Pollard Expansion project** - The budget for this project has increased due to increased construction costs and the increased cost of materials (including furnishings and other equipment). Additionally, due to lower than anticipated growth numbers, the school system has requested this project be moved out 1 year (now scheduled to open in the fall of 2025) [+\$332,800].
- **Increase the budget of the New Elementary School at Chatham Park (Northern Village) project** - The budget for this project has increased due to increased construction costs and the increased cost of materials (including furnishings and other equipment). Additionally, due to lower than anticipated growth numbers, the school system has requested this project be moved out 1 year (now scheduled to open in the fall of 2028) [+\$6,400,000].
- **Increase the budget of the Replace Gymnasiums at Bennett, Silk Hope, and Bonlee schools project** - The budget for this project has increased due to increased construction costs and the increased cost of materials (including furnishings and other equipment). Additionally, since this project will be financed at the same time as the new elementary school, this project has been moved out 1 year (now scheduled to open in the fall of 2028) [+\$2,400,000].
- **Increase the budget of the Wastewater Replacement at Silk Hope School project** - The budget for this project has increased due to increased construction costs. Additionally, the school system is investigating the feasibility of purchasing adjacent property to assist with the system replacement [+\$120,000].
- **Shift funding for Mobile Classrooms** - The school system does not anticipate spending any funding in FY 2024 in this project. The budgeted funds will be moved one year out for all years. There is no increase in the total cost of the project; however, with the change the project will now continue into FY 2029.

Other Projects - Other projects are recommended as requested by the agency or department, unless otherwise noted.

- **Add a new project to construct a Career and Technical Education Building on the CCCC Pittsboro campus** - Construct a new Career and Technical Education Building to meet the training needs for skill trade fields in the area [+\$15,000,000].
- **Add a new project to construct a new Joint Public Safety Facility in Siler City** - Construct a new joint public safety facility in Siler City, including space for a backup Emergency Operations Center, EMS base, and potentially law enforcement and fire protection services [+\$7,500,000].
- **Add a new project to fully finish the existing shell space at the Justice Center** - finish the existing shell space in the Justice Center to allow for additional space for expanding programs/services [+\$1,050,000].
- **Add a new project to construct a County Complex on Renaissance Drive** - Construct a new county complex to address long-term space needs for County buildings currently at the government annex campus [+\$60,000,000].
- **Add a new project to perform renovations at the Siler City Center for Active Living** - Renovate the Siler City Center for Active Living to allow for continued expansion of services and activities. These renovations will be funded by unrestricted funds that will be transferred from the Council on Aging upon the completion of their final audit [+\$500,000].
- **Add a new project to perform renovations/expansion at Goldston Public Library** - Expand the existing Goldston Library by enlarging the children's area, adding new dedicated children's programming space, a new staff area and restroom. This expansion will be funded by a donation specifically for the Goldston Library [+\$600,000].
- **Add a new project to install restrooms at the Highway 15-501 and Highway 64 river access areas** - Install prefabricated vault-style flush restrooms to provide flush restroom service at location without water and sewer service [+\$300,000].
- **Increase the budget of the Parker's Ridge Park project** - The budget for this project has increased due to increased construction costs and the increased cost of materials (including furnishings and other equipment). Additionally, due to NC DOT roadwork, the scope of the project has been altered [+\$998,115].
- **Add a new project to construct a new Sheriff's Office Administration Building** - Construct a new administration building for the Sheriff's Office to meet the growing needs of the office and the community [+\$20,000,000].
- **Add a new project to construct a new Sheriff's Office substation in Northeast Chatham** - Construct a substation for the Sheriff's Office in the Northeastern portion of the County to address call volume and response times in the area [+\$2,000,000].
- **Add a new project to construct a Looping Watermain on Hatley Road** - Construct a looping watermain on Hatley Road to improve water pressure and service reliability [+\$3,391,000].
- **Add a new project to construct a Looping Watermain on Renaissance Drive** - Construct a looping watermain to provide increased service reliability and provide a secondary feed in the event of a break [+\$1,419,000].

- **Increase the budget of the Planning Western Intake and Plant project** - The budget for this project has increased as the project prepares to move out of the planning phase and into the physical plant construction [+\$73,360,556].
- **Increase the budget of the Water Treatment Plant (WTP) Activated Carbon and Other Efficiency Upgrades project** - The budget for this project has increased as the scope of the project has changed to include other efficiency upgrades in addition to the implementation of activated carbon [+\$28,150,000].

Add Future Projects

- **County Buildings - Library in Areas of High Growth** - Build a library branch in an area of the county experiencing rapid growth, location to be determined.
- **County Buildings - Sheriff's Moncure Substation** - Lease or build a new substation in the Moncure area to better serve a growing population.
- **Parks - Bynum Mill Access Connector Road** - Construct a connecting road between the existing parking lot off of Bynum Road and the soon to be improved lower parking area off of Bynum Church Road.
- **Parks - New Paddle Access near Chicken Bridge Road** - Develop new paddle access point near Chicken Bridge Road.
- **Parks - Trails - Bynum Beach to 64 Trail** - Construct trail extending from Bynum Beach to US 64 paddle access.
- **Parks - Trails - Haw River Trail Improvements at Pegg Tract (15-501 Access)** - Trail improvements at 15-501 Access on State-owned Pegg tract.
- **Parks - Trails - Pokeberry Creek Trail and Bridge** - Construct trail from Bynum Mill access site to Pokeberry Creek.
- **Parks - Trails - Trail between Highway 64 and Robeson Creek** - Construct trail from Hwy 64 paddle access to Robeson Creek paddle access.
- **Schools - Athletic Scoreboard Replacements** - High Schools and Middle Schools have indoor/outdoor scoreboards in need of replacement due to age and inability to purchase parts needed for repair.
- **Schools - Landscaping/Grading Improvements** - 15 of the 19 campuses were constructed over 25 years ago, many are in need of improvements to their landscaping and stormwater features for both aesthetic and functional reasons.
- **Schools - Marquee Signage at Schools Replacements** - Many of the older schools have "front of the building" signage that was put in place over 30 years ago. If there is a message board, it requires replacing letters by hand. Replacing these with updated versions that include electronic features would aid in getting messaging out to stakeholders and address aesthetics.
- **Schools - Playground Equipment Updates/Replacements** - Schools with elementary grades (PreK-5) have playground equipment that needs to be updated and/or replaced due to age and inability to purchase parts needed for repairs.
- **Schools - Roofing Replacement/Repairs** - Various school roofs that were repaired to extend their life during the last roofing project are going to begin to need replacement. Other roofs will need repairs.

Debt and Planning

The CIP includes both summaries of major projects, revenues and operating expenses and detailed descriptions of each project, including justifications, cost detail, funding sources, and impacts on the operating budget.

Debt-Model Assumptions

- 9.7 cents on the property tax rate is dedicated annually.
- 2% annual growth in property tax revenues/base.
- Impact fees are estimated to grow 3% until FY 2022, when Briar Chapel is expected to be built out and then drop back to 2%.
- No growth is projected for lottery proceeds.

Other Assumptions

- Construction costs are inflated by 10–12% per year. Staff also recommends a 5–10% contingency for most projects.
- Other project costs, such as equipment and operating costs, are usually inflated by a factor of 5% per year, unless there is good reason to use another inflationary factor (which will be noted).
- Operating costs are generally inflated by 3% per year unless costs are fixed by contract.

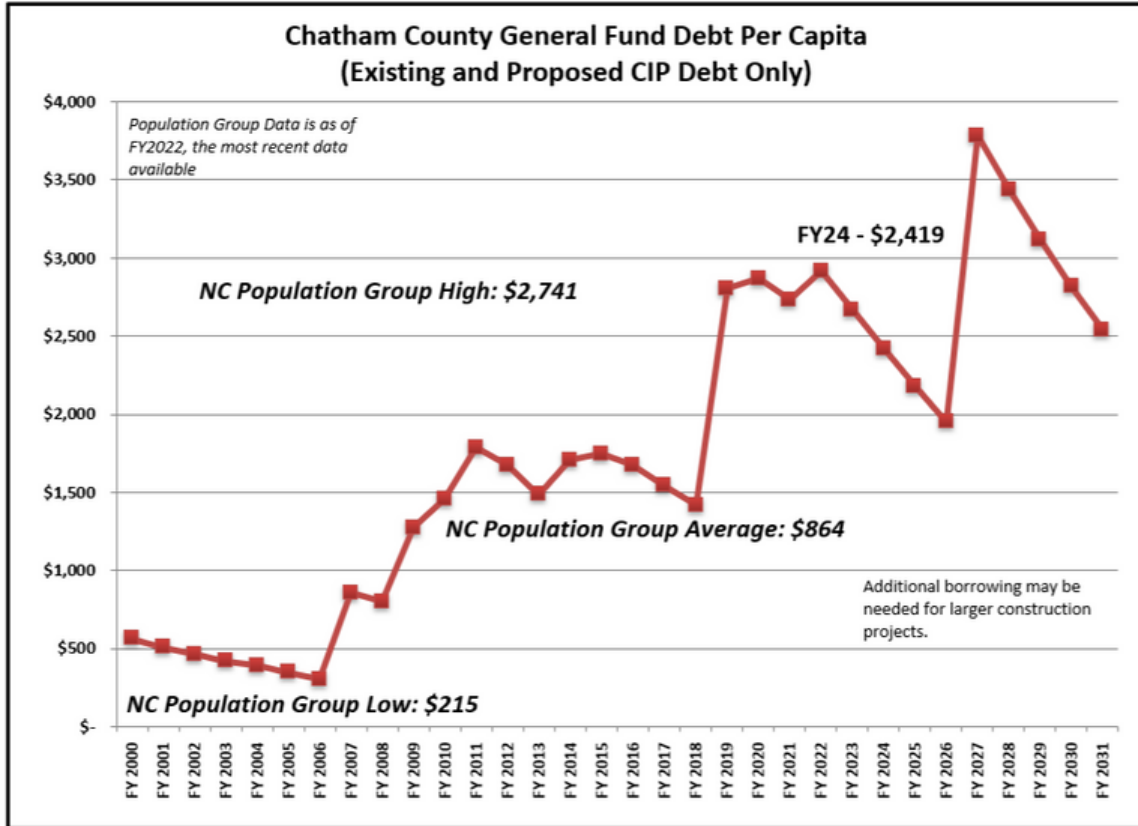
Bond Rating

Chatham's ratings are exceptional. Chatham is one of only 10 counties in North Carolina to hold a AAA rating from Standard and Poor's and is by far the smallest county. Both ratings were upgraded in October 2014 and confirmed in 2021:

- Standard and Poor's (S&P): AAA (up from AA+)
- Moody's: Aa1 (up from Aa2/favorable outlook)

With a population more than twice as big as Chatham's, Orange County is the next largest county to hold a AAA. Of the surrounding counties, Chatham's combined rating is higher than Alamance, Lee, Harnett, Moore, and Randolph. Chatham holds the highest combined rating in its population group (50,000 to 99,999).

Debt Indicators



Debt indicators are factored as if all projects are approved as recommended.

- Debt as a percent of assessed value: With a projected high of 1.895% in FY 2027, the county's indicator is projected to be the second highest (as of June 30, 2022) within its population group (50,000 to 99,999) and below the 8% legal maximum. The highest within Chatham's population group is 1.982%. (No county in North Carolina is anywhere near the legal debt limit. The highest in the state is 3.077%.)
- Debt per capita is projected to decrease in FY 2024 to \$2,419.
- Debt per capita: The \$2,419 per capita in FY 2024 will give Chatham the highest per capita debt in its population group based on the most current information available (June 30, 2022). The projected high of \$3,785 in FY 2027 would give Chatham the highest per capita debt amongst counties in the state, based on population estimates from the State Demographer and an analysis of currently issued debt (as of June 30, 2022) from the State Treasurer's Office.
- Debt as a percent of the operating budget: Staff projects that, depending on decisions made in the operating budget, debt service may exceed the 15% maximum recommended by the Local Government Commission (LGC). While this is an issue, the county differs from other counties in that funds for debt service have been set aside in a reserve account. Therefore, increases in debt service do not decrease Chatham County's flexibility to manage the operating budget, the primary concern of the LGC's maximum.

Reader's Guide

This reader's guide may help to assist readers in finding specific information in the Chatham County Capital Improvement Plan document.

Introduction

General information about the over-all capital improvement plan along with a summary of the status of projects in the CIP.

Project Status Descriptions

- **Approved-No Contracts:** Approved in a previous CIP; all or part of the main contract has not been executed, but the project may be in design
- **Approved-Contracts Let:** Approved in a previous CIP; main contract has been executed and project is underway
- **Approved-Contracts Let (Part):** Approved in a previous CIP; design contract has been executed and project is underway
- **Approved-No Contracts (Part):** Approved in a previous CIP; new phase of the project does not yet have contract executed, but the project may be in design
- **Future:** Projects on the horizon but not yet ready to be scheduled
- **New:** Has not been in a previous CIP
- **Substantially Complete:** Punch list items in progress

Capital Improvements

A list of all capital projects broken down by:

- One year plan (what is planned to be funded in FY25)
- Multi-year plan (what is planned to be funded in the next 7 years)
- Future projects (anticipated projects that are not yet funded or scheduled)

Individual Project Detail

To view each project's narrative, costs, and funding source amounts, click on the project name in the One year or Multi-year plan pages. Project names are colored blue and bolded.

Action Summary

Below is a summary of the status of projects in the CIP. Those that are shown as "approved" have already been approved by the Board of Commissioners, either in the FY 2024-2030 CIP or by separate action and there is no substantial change in the project.

Substantially Complete

- County Buildings - Central Carolina Business Campus
- County Buildings - Emergency Operation Center Expansion
- Schools - New Central Services Building
- Schools - Seaforth High School

New

- Community College - Career and Technical Education Building
- County Buildings - Joint Public Safety Facility (Siler City)
- County Buildings - Justice Center Shell Space Buildout
- County Buildings - New County Complex
- County Buildings - Sheriff's Office Administration Building
- County Buildings - Sheriff's Office Northeast Chatham Substation
- County Buildings - Siler City Center for Active Living Renovations
- Parks - Trails - 15-501 and 64 River Access Restrooms
- Schools - HVAC Installation at Existing Gyms
- Water - Looping Watermain Hatley Road
- Water - Looping Watermain Renaissance Drive

Approved - No Contracts

- County Buildings - Agriculture & Conference Center Phase II
- County Buildings - Chatham County Detention Center Generator
- County Buildings - Complete Detention Center Final Cell Blocks
- County Capital Maintenance and Replacement Plan
- Parks - Parker's Ridge Park
- Schools - Margaret Pollard Expansion
- Schools - New Elementary School at Chatham Park (Northern Village)
- Schools - Paving Repair
- Schools - Replace Gymnasiums at Bennett, Silk Hope, and Bonlee
- Schools - Wastewater Replacement at Silk Hope School
- Water - Bynum Wastewater Treatment Plant Upgrade
- Water - Haywood Water Main Replacement
- Water - Hydrant Replacement Program Using ARPA Funding
- Water - Water Treatment Plant (WTP) Activated Carbon and Other Efficiency Upgrades

Approved - Contracts Let

- Emergency Communications – Radio System Upgrade
- Schools - Resurface Tracks
- Technology – Tax Software

Approved - Contracts Let (Part)

- County Buildings - Goldston Public Library
- County Buildings - New Emergency Medical Services Base
- Parks - Briar Chapel Park Improvements
- Parks - Northwest District Park Dam
- Schools - Mobile Classrooms
- Technology - County Fiber Extension to Siler City
- Water - Planning Western Intake and Plant

Future

- County Buildings - Aging Services - New Senior Center
- County Buildings - Library in Areas of High Growth
- County Buildings - Sheriff's Boat Storage Facility
- County Buildings - Sheriff's Moncure Substation
- County Buildings - Sheriff's Office Warehouse
- Parks - Bynum Mill Access Connector Road

- Parks - New Paddle Access near Chicken Bridge Road
- Parks - Plans for New and Existing Parks
- Parks - Trails - Bynum Beach to 64 Trail
- Parks - Trails - Haw River Trail Improvements at Pegg Tract (15-501 Access)
- Parks - Trails - Pokeberry Creek Trail and Bridge
- Parks - Trails - Trail between Highway 64 and Robeson Creek
- Schools - Athletic Scoreboard Replacements
- Schools - HVAC Upgrades
- Schools - Landscaping/Grading Improvements
- Schools - Marquee Signage at Schools Replacements
- Schools - New Elementary School at Chatham Park (Southern Village)
- Schools - New Schools/Capacity Expansion
- Schools - Playground Equipment Updates/Replacements
- Schools - Roofing Replacement/Repairs

Operating Budget Effects

The table below shows the combined effect on the operating budget of the recommended projects for the next seven years. Operating effects include debt service, increased operating costs, decreased operating costs, additional revenues, and appropriation of revenue necessary to fund the project.

<u>General</u>	Current Year FY 2024	Year 1 FY 2025	Year 2 FY 2026	Year 3 FY 2027	Year 4 FY 2028	Year 5 FY 2029	Year 6 FY 2030	Year 7 FY 2031
Additional Revenues	-10,150	-10,455	-19,358	-28,271	-29,119	-29,993	-30,893	-31,820
Contribution to Capital Reserve (General Fund)	3,093,908	2,905,479	3,258,719	2,965,920	2,949,757	2,949,756	2,531,558	2,652,582
Debt Service	11,438,330	11,133,886	11,113,555	14,818,075	21,380,727	20,790,951	20,507,196	18,131,878
Decreased Operating Costs	-68,156	-37,623	-38,824	-39,844	-40,896	-41,979	-43,094	-44,243
Increased Operating Costs	3,407,976	4,458,934	4,727,837	5,466,560	7,393,418	7,853,366	8,073,314	8,316,124
Transfer from Debt Reserve	-11,438,330	-11,133,886	-11,113,555	-14,818,075	-21,380,727	-20,790,951	-20,507,196	-18,131,878
Total General	6,423,578	7,316,335	7,928,374	8,364,365	10,273,160	10,731,150	10,530,885	10,892,643

Water

Additional Revenues							-4,021,500	-3,926,750
Contribution to Water Capital Reserve	394,286	394,286	394,286	394,286	394,286	394,286	394,284	0
Debt Service							4,021,500	3,926,750
Total General	394,286	394,286	394,286	394,286	394,286	394,286	394,284	0

Total Cost of Each Project by Year

	Prior to FY 2024	Current Year FY 2024	Year 1 FY 2025	Year 2 FY 2026	Year 3 FY 2027	Year 4 FY 2028	Year 5 FY 2029	Year 6 FY 2030	Year 7 FY 2031	Totals
General										
Community College - Career and Technical Education Building	0	0	0	250,000	6,500,000	8,000,000	250,000	0	0	15,000,000
County Buildings - Agriculture & Conference Center Phase II	0	0	0	0	0	0	0	4,278,409	4,278,408	8,556,817
County Buildings - Central Carolina Business Campus	8,598,109	0	0	0	0	0	0	0	0	8,598,109
County Buildings - Chatham County Detention Center Generator	0	627,738	0	0	0	0	0	0	0	627,738
County Buildings - Complete Detention Center Final Cell Blocks	0	2,800,000	0	0	0	0	0	0	0	2,800,000
County Buildings - Emergency Operations Center Expansion	22,305,095	0	0	0	0	0	0	0	0	22,305,095
County Buildings - Goldston Public Library	0	300,000	300,000	0	0	0	0	0	0	600,000
County Buildings - Joint Public Safety Facility - Siler City	0	0	0	0	0	0	500,000	3,600,000	3,400,000	7,500,000
County Buildings - Justice Center Shell Space Buildout	0	0	0	750,000	300,000	0	0	0	0	1,050,000
County Buildings - New County Complex	0	0	0	4,500,000	23,000,000	25,250,000	7,250,000	0	0	60,000,000
County Buildings - New Emergency Medical Services Base	74,052	2,030,308	0	0	0	0	0	0	0	2,104,360
County Buildings - Sheriff's Office Admin Building	0	0	0	1,500,000	7,750,000	10,500,000	250,000	0	0	20,000,000
County Buildings - Sheriff's Office NE Chatham Substation	0	0	200,000	800,000	1,000,000	0	0	0	0	2,000,000
County Buildings - Siler City Center for Active Living Renovations	0	175,000	325,000	0	0	0	0	0	0	500,000
County Capital Maintenance & Replacement Plan	721,389	2,730,425	799,027	525,380	659,238	547,526	548,499	4,111,135	875,187	11,517,806

Emergency Communications - Radio System Upgrade	14,227,780	5,737,456	0	0	0	0	0	0	0	0	19,965,236
Parks - Briar Chapel Park Improvements	1,525,833	897,686	0	0	0	0	0	0	0	0	2,423,519
Parks - Northwest District Park Dam	0	100,000	100,000	100,000	0	0	0	800,000	0	0	1,100,000
Parks - Parker's Ridge Park	0	314,862	3,342,569	3,342,569	0	0	0	0	0	0	7,000,000
Parks - Trails - 15/501 and 64 River Access Restrooms	0	0	300,000	0	0	0	0	0	0	0	300,000
Schools - HVAC Installation at Existing Gyms	0	0	0	0	0	377,128	1,405,658	1,302,803	0	0	3,085,589
Schools - Margaret Pollard Expansion	0	0	291,600	2,041,200	0	0	0	0	0	0	2,332,800
Schools - Mobile Classrooms	239,512	0	254,400	261,600	268,800	157,803	149,580	0	0	0	1,331,695
Schools - New Central Services Building	17,051,292	0	0	0	0	0	0	0	0	0	17,051,292
Schools - New Elementary School at Chatham Park (Northern Village)	0	0	0	2,127,101	22,887,605	28,134,454	850,840	0	0	0	54,000,000
Schools - Paving Repair	0	0	0	2,372,353	0	1,374,776	989,419	0	1,851,143	0	6,587,691
Schools - Replace Gymnasiums at Bennett, Silk Hope and Bonlee	0	0	0	1,750,000	9,194,445	11,944,444	1,111,111	0	0	0	24,000,000
Schools - Resurface Tracks	59,459	415,021	0	0	0	0	0	0	0	0	474,480
Schools - Seaforth High School	86,364,871	516,160	0	0	0	0	0	0	0	0	86,881,031
Schools - Wastewater Replacement at Silk Hope School	0	0	643,500	120,000	0	0	0	0	0	0	763,500
Technology - County Fiber Extension to Siler City	0	1,125,588	0	0	0	0	0	0	0	0	1,125,588
Technology - Tax Software	379,749	142,000	0	0	0	0	0	0	0	0	521,749
Total General	151,547,141	17,786,656	6,556,096	20,440,203	71,560,088	86,286,131	13,320,327	14,092,347	10,404,738	0	391,993,727

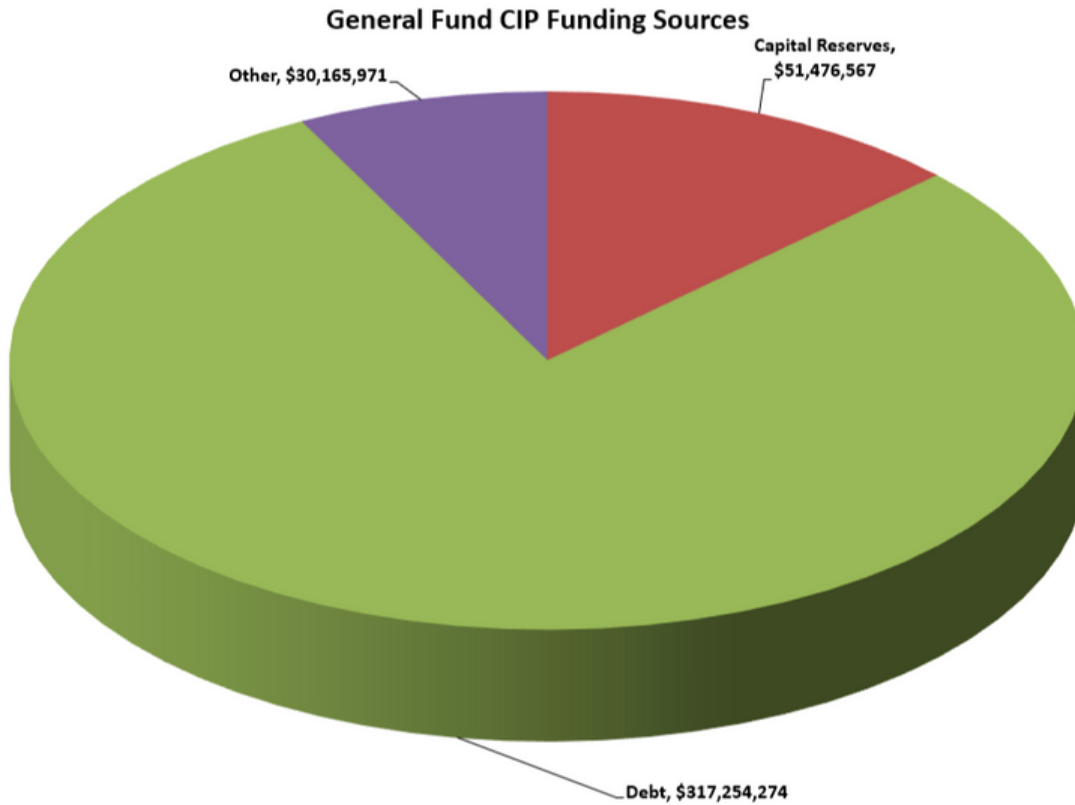
	Prior to FY 2024	Current Year FY 2024	Year 1 FY 2025	Year 2 FY 2026	Year 3 FY 2027	Year 4 FY 2028	Year 5 FY 2029	Year 6 FY 2030	Year 7 FY 2031	Totals
Utilities										
Water - Bynum Wastewater Treatment Plant Upgrade	0	0	0	0	0	0	360,000	2,400,000	0	2,760,000

Water - Haywood Water Main Replacement	30,192	0	0	0	0	0	0	129,700	0	159,892
Water - Hydrant Replacement Program Using ARPA Funding	0	250,000	750,000	0	0	0	0	0	0	1,000,000
Water - Looping Watermain Hatley Road	0	0	385,000	3,006,000	0	0	0	0	0	3,391,000
Water - Looping Watermain Renaissance Drive	0	0	0	1,419,000	0	0	0	0	0	1,419,000
Water - Planning Western Intake and Plant	2,339,445	3,861,655	2,300,000	2,200,000	2,200,000	17,250,000	17,250,000	17,250,000	17,250,000	81,901,100
Water - Water Treatment Plant (WTP) Activated Carbon and Other Efficiency Upgrades	0	0	0	0	0	0	3,500,000	36,750,000	0	40,250,000
Total Utilities	2,369,637	4,111,655	3,435,000	6,625,000	2,200,000	17,250,000	21,110,000	56,529,700	17,250,000	130,880,992

Funding Sources

Fund (Type)	Prior to FY 2024	Current Year FY 2024	Year 1 FY 2025	Year 2 FY 2026	Year 3 FY 2027	Year 4 FY 2028	Year 5 FY 2029	Year 6 FY 2030	Year 7 FY 2031	Totals
General										
American Rescue Plan Act Enabled	0	3,314,623	1,442,569	1,242,569	0	0	0	0	0	5,999,761
Article 46 Sales Tax	0	42,857	1,742,857	1,442,857	0	0	0	571,429	0	3,800,000
Capital Reserves	1,679,232	8,404,686	2,245,670	6,927,676	2,228,038	2,457,233	3,608,376	13,520,918	10,404,738	51,476,567
Coal Ash Funds	0	0	500,000	500,000	0	0	0	0	0	1,000,000
DOT Reimbursement	289,530									289,530
Debt	143,186,809	1,067,465	0	10,127,101	69,332,050	83,828,898	9,711,951	0	0	317,254,274
Grants, Gifts, Etc.	549,882	600,827	625,000	200,000	0	0	0	0	0	1,975,709
Interest	4,828,251	0	0	0	0	0	0	0	0	4,828,251
Recreation Exaction Fee	1,328,519	945,000	0	0	0	0	0	0	0	2,273,519
Transfer from Debt Reserve	9,867,094	0	0	0	0	0	0	0	0	9,867,094
Transfer from General Fund	257,695	0	0	0	0	0	0	0	0	257,695
Total General	161,987,012	14,375,458	6,556,096	20,440,203	71,560,088	86,286,131	13,320,327	14,092,347	10,404,738	399,022,400
Utilities										
American Rescue Plan Act	0	250,000	750,000	0	0	0	0	0	0	1,000,000
Debt	0	0	0	0	0	17,250,000	20,750,000	54,000,000	17,250,000	109,250,000
Water Capital Reserve	2,707,450	3,861,655	2,685,000	6,625,000	2,200,000	0	360,000	2,529,700	0	20,968,805
Total Utilities	2,707,450	4,111,655	3,435,000	6,625,000	2,200,000	17,250,000	21,110,000	56,529,700	17,250,000	131,218,805

CIP Funding Sources



The recommended CIP continues the practice of funding pay-as-you-go General Fund projects through a capital reserve. The capital reserve has a balance of \$25,143,487.

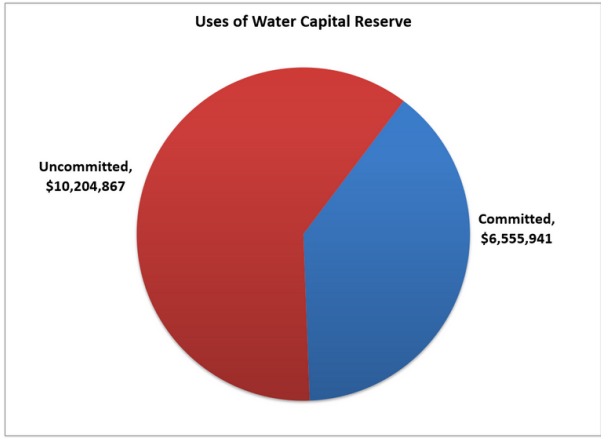
Parks and Recreation

Recreation Fees: Recreation fees are established and collected in two districts. The fees must be spent in the district in which they are collected.

- Western District: Since the economic downturn, the Western District, consisting of the Jordan-Matthews and Chatham Central High School districts, has generated very little revenue. Only \$9,488 was collected in FY 2023. These funds will be used to reimburse the general fund until it is made whole for the purchase of Northwest Park. At the current rate of development, this will take many years, leaving no funding for additional land in this district.
- Eastern District: The Eastern District, consisting of the Northwood and Seaforth High School districts, generated \$30,558 in FY 2023, excluding Briar Chapel fees. Note that funds generated in Briar Chapel will be used to pay for improvements in Briar Chapel Park, as agreed to by the developer. No Briar Chapel fees were collected in FY 2023. In prior years, funds generated by the Eastern District have been used to reimburse the general fund for the purchase of land for the Southeast District Park (now Parker's Ridge Park). However, the Board of Commissioners has approved using funds from the Coal Ash settlement to reimburse the General Fund, so recreation fees are available to purchase additional land for parks in the Northwood/Seaforth District. Since the county has updated the Parks and Recreation Master Plan, it is recommended that further spending of the recreation fee be guided by recommendations from the updated plan.

Water Capital Reserve

\$369,710 in system development fees were collected in FY 2023. The regional western intake water plant is nearing the construction phase and will require significant funding.



Completed Projects

The following projects were completed as of June 30, 2023.

Project Name	Brief Description	Final Project Budget	Final Cost
Community College - Pittsboro Campus Roof Replacement	Replace the roof on Building 42 on the Pittsboro campus.	\$478,500	\$295,844
County Buildings - Animal Shelter Expansion and Renovation	Build addition to existing Animal Shelter and renovate existing space.	\$6,382,496	\$6,369,820
County Buildings - Solar Panels at CCA&CC	Install a solar panel system on the roof of the CCA&CC.	\$375,000	\$290,062
Parks - Athletic Field Lighting at Northeast District Park	Install athletic field lights on the multipurpose field at Northeast District Park.	\$213,292	\$213,292

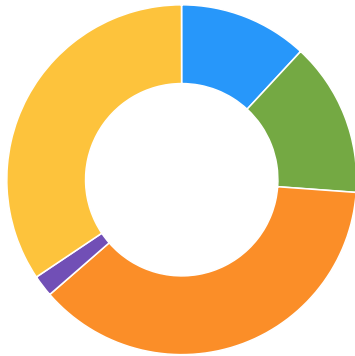
CAPITAL IMPROVEMENTS

Capital Improvements: One-year Plan

Total Capital Requested
\$9,991,096

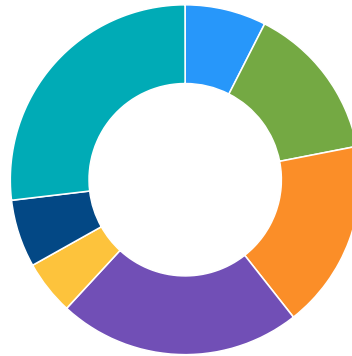
13 Capital Improvement Projects

Total Funding Requested by Department



● CHATHAM COUNTY SCHOOLS (12%)	\$1,189,500.00
● FACILITIES MANAGEMENT (14%)	\$1,424,027.00
● PARKS AND RECREATION (37%)	\$3,742,569.00
● SHERIFF (2%)	\$200,000.00
● UTILITY FUND (34%)	\$3,435,000.00
TOTAL	\$9,991,096.00

Total Funding Requested by Source



● American Rescue Plan Act (8%)	\$750,000.00
● American Rescue Plan Act Enabled (14%)	\$1,442,569.00
● Article 46 Sales Tax (17%)	\$1,742,857.00
● Capital Reserves (22%)	\$2,245,670.00
● Coal Ash Funds (5%)	\$500,000.00
● Grants, Gifts, Etc. (6%)	\$625,000.00
● Transfer from Water Capital Reserve (27%)	\$2,685,000.00
TOTAL	\$9,991,096.00

FACILITIES MANAGEMENT Requests

Itemized Requests for 2025

County Buildings - Siler City Center for Active Living Renovations **\$325,000**

Over the past year, the Siler City Center for Active Living (formerly Western Chatham Senior Center) has experienced substantial growth in the number of activities being offered, as well as in participation by older adults residing in and around...

County Buildings – Goldston Public Library **\$300,000**

Expand the Goldston library branch by enlarging the children’s area and by adding a new multipurpose room and new staff area and restroom.

County Capital Maintenance & Replacement Plan **\$799,027**

Yearly maintenance and replacement of technology, facilities, and equipment.

Total: \$1,424,027

CHATHAM COUNTY SCHOOLS Requests

Itemized Requests for 2025

Schools - Margaret Pollard Expansion **\$291,600**

Additional brick and mortar classroom capacity at Margaret Pollard Middle School

Schools - Mobile Classrooms **\$254,400**

Purchase modular classrooms to alleviate overcrowding at Siler City Elementary, Northwood High School, and other schools as space is needed.

Schools - Wastewater Replacement at Silk Hope School **\$643,500**

Replace wastewater system at Silk Hope Elementary School.

Total: \$1,189,500

PARKS AND RECREATION Requests

Itemized Requests for 2025

Parks - Northwest District Park Dam **\$100,000**

Professional services to address deficiencies for the Northwest District Park Dam. The North Carolina Dam Safety Program identifies the dam as Camp Marantha Lake Dam (State ID: Chath-026). The dam has been classified by NC Dam Safety as a...

Parks - Parker's Ridge Park **\$3,342,569**

Develop Parkers Ridge, a 147-acre park, on Pea Ridge Road in Moncure.

Parks - Trails - 15/501 and 64 River Access Restrooms **\$300,000**

Install prefabricated vault-style, single stall flush restrooms at 15/501 and 64 Haw River access areas. These "Greenflush" restrooms offer a flush toilet service for locations without sewer and water service via 2 underground tanks...

Total: \$3,742,569

SHERIFF Requests

Itemized Requests for 2025

County Buildings - Sheriff's Office NE Chatham Substation **\$200,000**

As the population of Chatham County increases, it is necessary for a substation to be built for the Sheriff's Office in the northeastern section of the county. Currently, this is the most populous area of Chatham County and continues to be the...

Total: \$200,000

UTILITY FUND Requests

Itemized Requests for 2025

Water - Hydrant Replacement Program Using ARPA Funding **\$750,000**

Chatham County has allocated American Rescue Plan Act (ARPA) funding in the amount of \$1,000,000 for hydrant repair and replacement. Public Utilities plans to use the ARPA funding for the replacement of hydrants that are not operable and...

Water - Looping Watermain Hatley Road **\$385,000**

Looping 12-Inch Watermain on Hatley Road to connect Mount Gilead watermain to Big Woods Road watermain.

Water - Planning Western Intake and Plant **\$2,300,000**

Construct a water intake and treatment plant on the west side of Jordan Lake

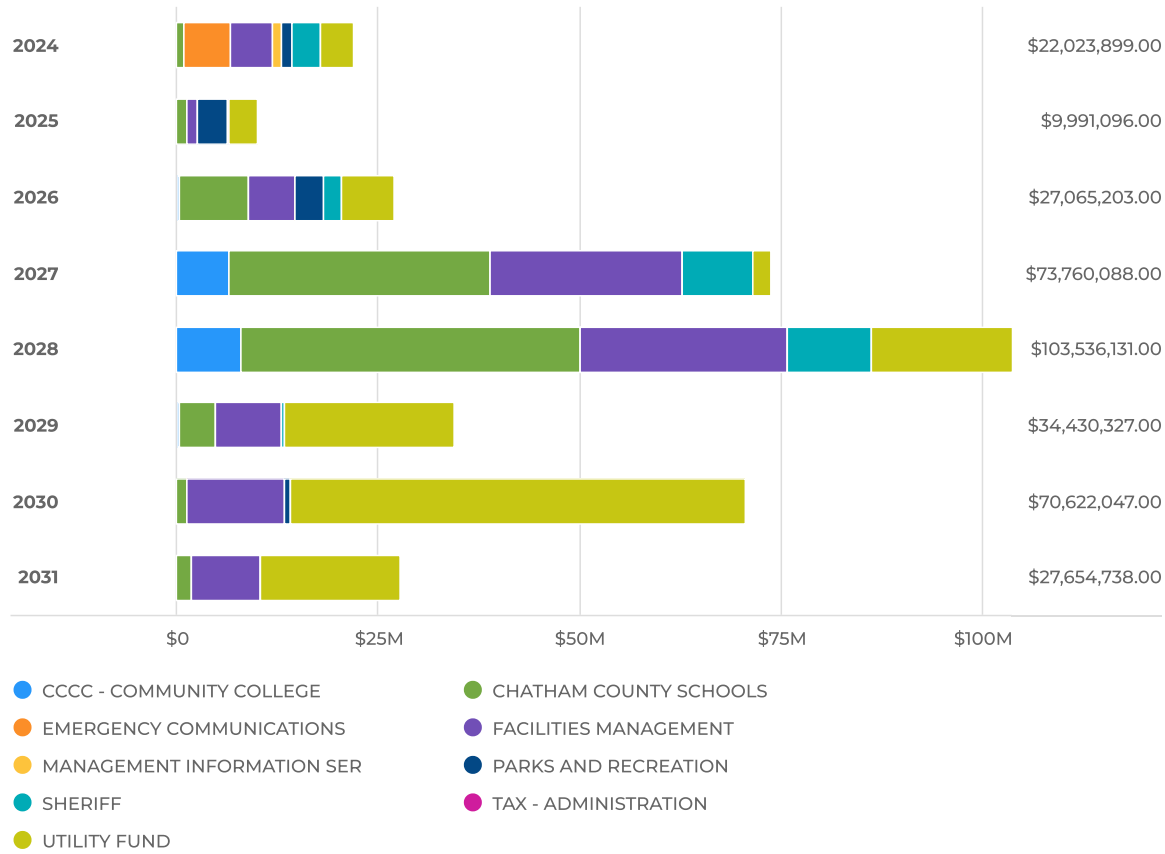
Total: \$3,435,000

Capital Improvements: Multi-year Plan

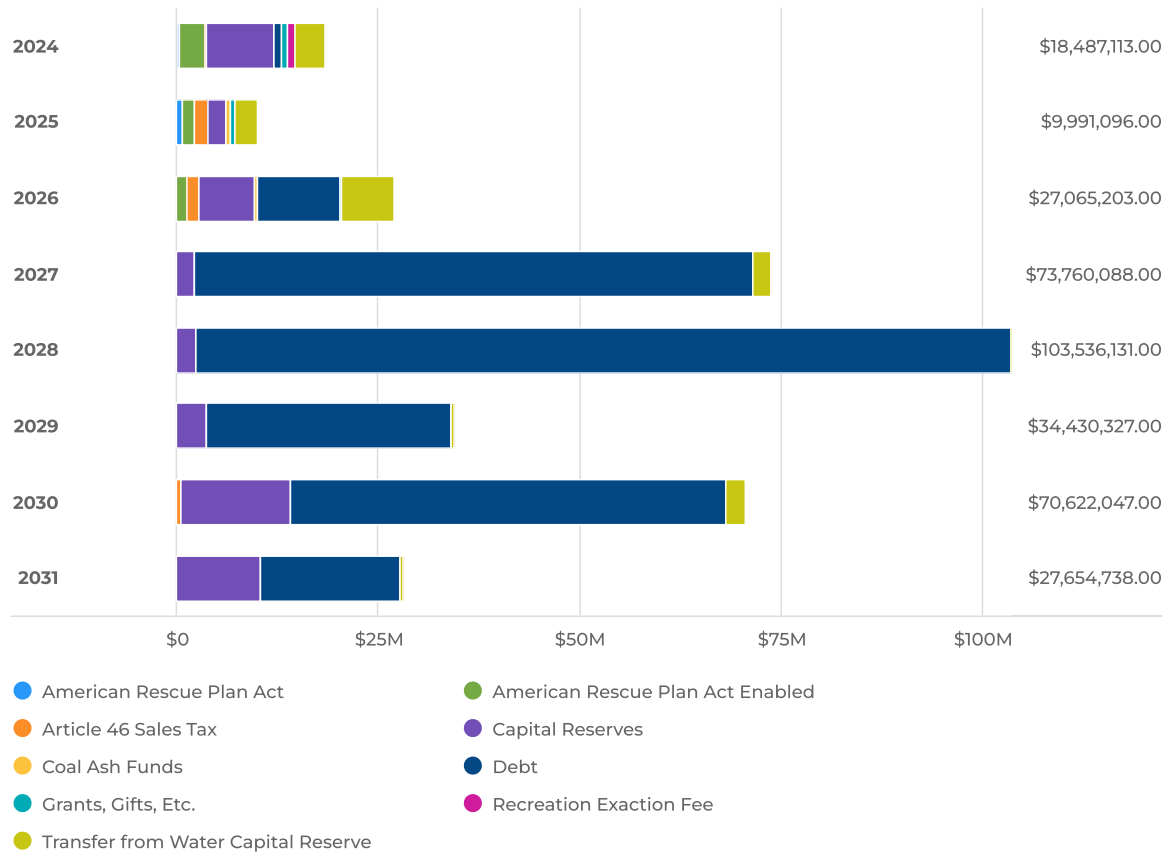
Total Capital Requested \$369,083,529

39 Capital Improvement Projects

Total Funding Requested by Department

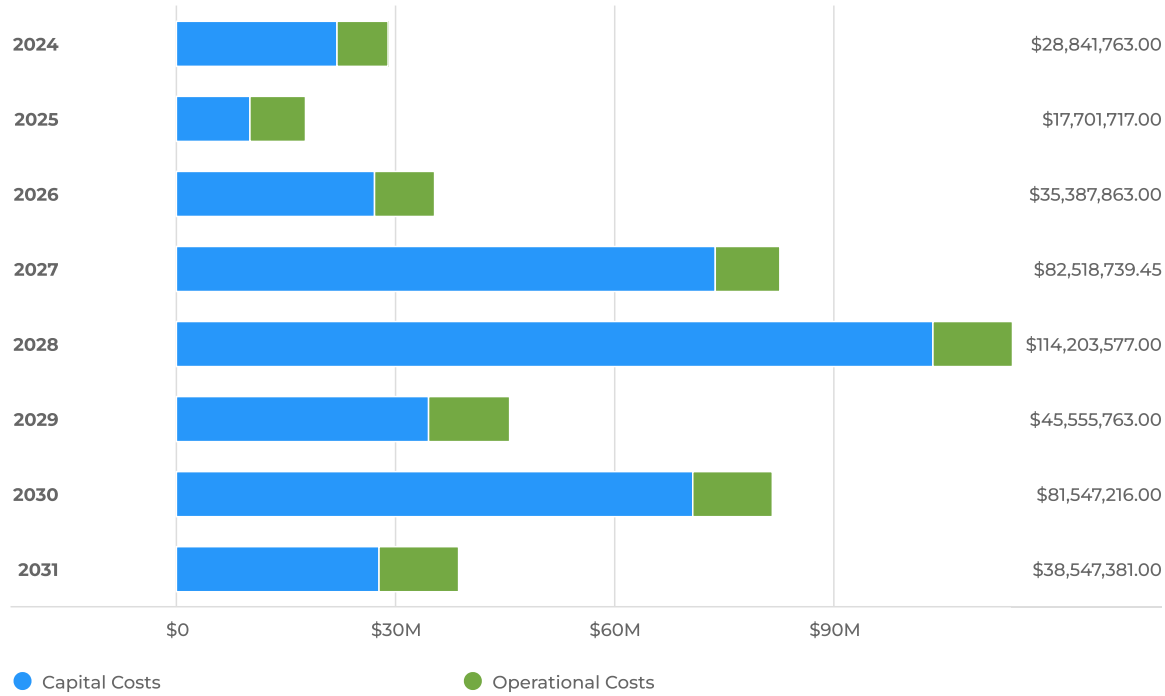


Total Funding Requested by Source



In the graph above, 2027 and 2028 show a prominent increase in debt due to planned debt issuance in FY 2027, when many school and county capital projects begin design and/or construction phases. For more information on debt, refer to the "Debt and Planning" section of the introduction, or click on individual project titles in this section to see the costs and funding sources for each project.

Capital Costs Breakdown



MANAGEMENT INFORMATION SER Requests

Itemized Requests for 2024-2031

Technology - County Fiber Extension to Siler City

\$1,125,588

County Network Infrastructure Improvement

Total: \$1,125,588

FACILITIES MANAGEMENT Requests

Itemized Requests for 2024-2031

County Buildings - Agriculture & Conference Center Phase II **\$8,556,817**

Begin phase 2 development of Agriculture and Conference Center site to include: covering the arena, additional arena seating, arena amenities such as an announcer stand and bathrooms, and a covered space capable of supporting RV hookups,...

County Buildings - Joint Public Safety Facility - Siler City **\$7,500,000**

Construct a new joint public safety facility in Siler City co-locating personnel, equipment and/or vehicles from EMS, Emergency Communications, MIS, Emergency Management, Sheriff's Office and other departments or stakeholders as needed....

County Buildings - Justice Center Shell Space Buildout **\$1,050,000**

Fully finish the space at the Justice Center that is currently shell space to accommodate growing space needs within the facility.

County Buildings - New County Complex **\$60,000,000**

Address long-term space needs for county buildings currently at the government annex campus, while being responsive to the desire for a clear vista between the Justice Center and the Historic Courthouse that would contribute to a vibrant downtown...

County Buildings - New Emergency Medical Services Base **\$2,030,308**

Construct a new 3-bay Emergency Medical Service (EMS) base on 15-501 near Ferrington Village and Briar Chapel.

County Buildings - Siler City Center for Active Living Renovations **\$500,000**

Over the past year, the Siler City Center for Active Living (formerly Western Chatham Senior Center) has experienced substantial growth in the number of activities being offered, as well as in participation by older adults residing in and around...

County Buildings - Goldston Public Library **\$600,000**

Expand the Goldston library branch by enlarging the children's area and by adding a new multipurpose room and new staff area and restroom.

County Capital Maintenance & Replacement Plan **\$10,796,417**

Yearly maintenance and replacement of technology, facilities, and equipment.

Total: \$91,033,542

EMERGENCY COMMUNICATIONS Requests

Itemized Requests for 2024-2031

Emergency Communications - Radio System Upgrade **\$5,737,456**

Replace current emergency radio system infrastructure with a reliable and industry standard P25 radio system.

Total: \$5,737,456

CHATHAM COUNTY SCHOOLS Requests

Itemized Requests for 2024-2031

Schools - HVAC Installation at Existing Gyms **\$3,085,589**

Project will create HVAC conditioned gym spaces at each school campus for recess, PE, and athletic purposes

Schools - Margaret Pollard Expansion **\$2,332,800**

Additional brick and mortar classroom capacity at Margaret Pollard Middle School

Schools - Mobile Classrooms **\$1,107,403**

Purchase modular classrooms to alleviate overcrowding at Siler City Elementary, Northwood High School, and other schools as space is needed.

Schools - New Elementary School at Chatham Park (Northern Village) **\$54,000,000**

Design and construction of a new K-5 elementary school.

Schools - Paving Repair **\$6,587,691**

Repair paving on all campuses.

Schools - Replace Gymnasiums at Bennett, Silk Hope and Bonlee **\$24,000,000**

Construction of new masonry/metal building gymnasiums at Bennett, Bonlee, and Silk Hope Schools. Existing gymnasiums to be demolished to create needed space.

Schools - Resurface Tracks **\$415,021**

Resurfacing of tracks at Chatham County High Schools.

Schools - Seaforth High School **\$516,160**

Construct a new 209,000-square-foot high school in the northeast quadrant of the county to open August of 2021 to address overcrowding and provide for the expected growth in the high school student population. The new high school will be built to...

Schools - Wastewater Replacement at Silk Hope School **\$763,500**

Replace wastewater system at Silk Hope Elementary School.

Total: \$92,808,164

CCCC - COMMUNITY COLLEGE Requests

Itemized Requests for 2024-2031

Community College - Career and Technical Education Building **\$15,000,000**

Construct a new Career and Technical Education Building on the Chatham Main Campus to meet needs for skilled trade fields in the service area.

Total: \$15,000,000

PARKS AND RECREATION Requests

Itemized Requests for 2024-2031

Parks - Briar Chapel Park Improvements **\$897,686**

Accept donation of the 62-acre Briar Chapel Park with existing regulation soccer, football, baseball, and softball field; fence and light the athletic fields; and construct a restroom/concessions building, trails, and other improvements over...

Parks - Northwest District Park Dam **\$1,100,000**

Professional services to address deficiencies for the Northwest District Park Dam. The North Carolina Dam Safety Program identifies the dam as Camp Marantha Lake Dam (State ID: Chath-026). The dam has been classified by NC Dam Safety as a...

Parks - Parker's Ridge Park **\$7,000,000**

Develop Parkers Ridge, a 147-acre park, on Pea Ridge Road in Moncure.

Parks - Trails - 15/501 and 64 River Access Restrooms **\$300,000**

Install prefabricated vault-style, single stall flush restrooms at 15/501 and 64 Haw River access areas. These "Greenflush" restrooms offer a flush toilet service for locations without sewer and water service via 2 underground tanks...

Total: \$9,297,686

SHERIFF Requests

Itemized Requests for 2024-2031

County Buildings - Chatham County Detention Center Generator **\$627,738**

Purchase and install a second generator at the Detention Center.

County Buildings - Complete Detention Center Final Cell Blocks **\$2,800,000**

Complete construction of the final two cell blocks at the Chatham County Detention Center.

County Buildings - Sheriff's Office Admin Building **\$20,000,000**

As Chatham County grows, it is necessary for a new Sheriff's Office administration building to be constructed to better meet the needs of a growing community. With the arrival of both Vinfast and WolfSpeed to Chatham County, local development...

County Buildings - Sheriff's Office NE Chatham Substation **\$2,000,000**

As the population of Chatham County increases, it is necessary for a substation to be built for the Sheriff's Office in the northeastern section of the county. Currently, this is the most populous area of Chatham County and continues to be...

Total: \$25,427,738

TAX - ADMINISTRATION Requests

Itemized Requests for 2024-2031

Technology - Tax Software

\$142,000

Replace current software with a system that will provide improved functionality for staff and the public.

Total: \$142,000

UTILITY FUND Requests

Itemized Requests for 2024-2031

Water - Bynum Wastewater Treatment Plant Upgrade

\$2,760,000

Freese Nichols has prepared a condition assessment of the Bynum Wastewater Treatment Plant (WWTP) and has recommended facility improvements.

Water - Haywood Water Main Replacement

\$129,700

Replace the existing four-inch water main under the railroad tracks on Haywood Road with a six-inch water main.

Water - Hydrant Replacement Program Using ARPA Funding

\$1,000,000

Chatham County has allocated American Rescue Plan Act (ARPA) funding in the amount of \$1,000,000 for hydrant repair and replacement. Public Utilities plans to use the ARPA funding for the replacement of hydrants that are not operable and...

Water - Looping Watermain Hatley Road

\$3,391,000

Looping 12-Inch Watermain on Hatley Road to connect Mount Gilead watermain to Big Woods Road watermain.

Water - Looping Watermain Renaissance Drive

\$1,419,000

Provide a looping watermain to the Chatham County Campus on Renaissance Drive.

Water - Planning Western Intake and Plant

\$79,561,655

Construct a water intake and treatment plant on the west side of Jordan Lake

Water - Water Treatment Plant (WTP) Activated Carbon and Other Efficiency Upgrades

\$40,250,000

New regulations from EPA will require the drinking water treatment of emerging contaminants such as per-and polyfluoroalkyl substances (PFAS) and 1,4 Dioxane.

Total: \$128,511,355

County Buildings

County Buildings - Future Library in Areas of High Growth

Build a library branch in an area of the county experiencing rapid growth, location to be determined.

Define Problem

Anticipated growth in several areas of Chatham County has necessitated planning for an additional library branch. Chatham County is now the 2nd fastest growing county in the state of North Carolina. That growth is expected to continue with the 2022 announcement of two large manufacturing projects currently underway in the Moncure and Siler City areas, VinFast and Wolfspeed respectively.

According to the 2020 Census, Moncure had a population of 798 people with a median age of 59.3 and a median household income of \$43,919. Vietnam-based company VinFast will invest \$4 billion into an electric vehicle factory at the Moncure megasite and plans to hire 7,500 people there. Once in production and fully staffed, VinFast has the potential to increase the population in and around Moncure by 160%.

The library system has experienced significant changes since a facilities study was completed in 2001 by library consultant Phil Barton. In 2010 Chatham County Public Libraries entered a new partnership with Central Carolina Community College (CCCC). A joint-use facility was constructed on the Pittsboro campus where both students and members of the public can access library services. In 2014, a follow-up strategic plan, also authored by Barton, identified Northeast Chatham as an area that, although experiencing ongoing residential growth, did not have a nearby library location.

Wolfspeed, Inc., a leading manufacturer of Silicon Carbide semiconductors, will create more than 1,800 new jobs in the Siler City area by 2030. Census data from 2020 reports Siler City's population as 7,702 residents with a median age of 34.6 and a median household income of \$38,977. Wolfspeed will construct a manufacturing campus with an investment of approximately \$5 billion over the next eight years. Once in production and fully staffed, Wolfspeed has the potential to increase the population in and around Siler City by 23%. Several years ago, Wren Memorial Library completed a major renovation project initiated by the Town of Siler City. In addition to a welcoming environment throughout the building, much needed storage space was added by enclosing an unused carport. The community greatly benefits from an updated meeting room including audio/visual equipment installed by the county for presentations and group activities. Wren Memorial Library serves the Siler City and northwest areas of Chatham County. Its location is convenient to the downtown area and is within walking distance of many residences.

Recommended Solution

In 2019 CCCC completed construction of a health sciences classroom facility on the Briar Chapel tract of land located in Northeast Chatham. A future project to build a 10,000-square-foot library adjacent to the new classroom building has been proposed. An advantage of this proposal is that a 10,000-square-foot facility would not require the purchase of any additional land. The location on 15-501 is easily accessible to anyone living in the NE quadrant of the county. Residents of the Briar Chapel development (with over 1,600 occupied homes) would have easy access to a library without the inconvenience of library users driving through their neighborhood. Professional design, architecture and construction would be needed. Additional funding would be needed for operational expenses. Residents in the NE quadrant of Chatham are approximately 13 miles from the Chatham Community Library in Pittsboro, 25 miles from the Goldston Library, and 27 miles from Wren Memorial in Siler City.

Moncure residents and those in surrounding unincorporated areas (Lockville and Haywood, for example) would have easy access to a library without the inconvenience of driving long distances. A location near US 1 is easily accessible to anyone living in the SE quadrant of the county and to those commuting from other parts of the area via US 1. Moreover, a library site in Moncure would also service Moncure School students and staff. The school is located just north of the town. Moncure is approximately 10.5 miles from the Chatham Community Library in Pittsboro, 20.6 miles from the Goldston Library, and 26 miles from Wren Memorial in Siler City.

Alternatives

Alternatives proposed include leasing space and purchasing book-dispensing vending machines. The library continues to offer online services beyond eBooks to include virtual programming for adults and children that minimizes transportation issues.

Description of Land Needs

Acreage adequate to construct a 10,000-square-foot facility.

Professional Services Needed

Professional design, architecture and construction would be needed.

Operating Impact

Additional funding would be needed for operational expenses. New branch would need staffing - number/type dependent on size.

County Buildings - Aging Services - New Senior Center

Replace the existing Eastern Senior Center in Pittsboro with a 23,542-square-foot building or replace both centers with a 38,539-square-foot, centrally located building.

Define Problem

The Eastern Chatham Senior Center is severely overcrowded. A space needs study conducted pro-bono by Hobbs Architects shows that an additional 6,591 square feet of space is needed now, which is roughly double the current square footage. The study also shows that an additional 10,000 square feet will be needed by 2040 (overall, the Eastern Center will need 23,542 square feet by 2040). The same analysis showed that the Western Senior Center will need an additional 13,740 square feet by 2040.

Recommended Solution

Aging Services recommends either Option 2 or Option 3. However, the square footage estimates above only reflect the projected space needs for delivering today's services in 20 years. These alternatives do not consider other models for delivering senior services.

Alternatives

Three alternatives were examined by Hobbs Architects, including:

Option 1: Construct a second building in the eastern part of the county to accommodate existing needs not addressed by the addition/renovation and expected 20-year growth. This alternative requires constructing a 16,878-square-foot building. This option moves the Council away from a "one-stop shop" for addressing the needs of the county's older adults. This option will change the nature of how clients access Council services and will be less operationally efficient, as some duplication of staff will be needed. This option does nothing to address the space needs of the Western Senior Center.

Option 2: Replace the Eastern Senior Center with a 23,542-square-foot building. According to Hobbs Architects, this size building will not fit on the existing Pittsboro lot because only 14,500 square-foot additional impervious surface can be added to the site. This option maintains the current service model of a "one-stop shop," but does not address the needs of the Western Center.

Option 3: Replace both the Eastern and Western centers with a centrally located 38,539-square-foot building. The County would be able to sell the Western Center building to help offset the cost of the new building and would be able to consolidate administrative functions, leading to greater operating efficiencies and less square footage needed overall. (The Eastern Center property is owned by Central Carolina Community College and there are legal questions about the County's ability to sell the building). This option maintains the one-stop shop model and addresses the countywide needs of the county's older adults.

Current Stage of Project

Aging Services is submitting the 20-year projected space needs based on the current service delivery model for consideration as a future project. They are in the process of working with its board, clients, county departments and other partners, and the senior population at large, to develop a model of services that best fits Chatham County's needs in 20 years. A Capstone Team of UNC students is helping this year to conduct some background research. When that work has been done, Aging Services will re-engage with Hobbs Architects to update the building program and will present refined needs with cost estimates in a future CIP. In the meantime, Aging Services is undergoing some much-needed expansion and renovation of the Eastern Senior Center, which has become even more imperative given COVID-19.

Professional Services Needed

Architecture, design, engineering, and construction management will be needed.

County Buildings - Sheriff's Moncure Substation

Lease or build a new substation in Northeast Chatham County to better serve the growing population.

Define Problem

The Moncure area of the county is growing rapidly, and there has been a corresponding increase in calls for service. A Sheriff's substation in this area is needed to respond to the associated increase in calls for service with a shorter response time than can be provided from the office in Pittsboro.

Recommended Solution

Lease or build a small Sheriff substation in the Moncure area of Chatham County.

Alternatives

Option 1: Lease and possibly upfit existing space.

Option 2: Locate land and build a small 3,000 square-foot substation.

Operating Impact

Additional funds will be needed to operate and maintain the space.

Professional Services Needed

Architectural, engineering, and construction services may be needed.

County Buildings - Sheriff's Boat Storage Facility

Build a facility near Jordan Lake to provide storage and quick response times for the Sheriff's Office boat and personnel for emergency needs on Jordan Lake.

Define Problem

Currently, the Sheriff's Office main boat is located at the North Chatham Fire Department substation on Seaforth Road. A second smaller boat is located in the Performance building in Pittsboro. The location at the North Chatham Fire Department is not permanent and can change if the space is needed by the fire department. Space for additional equipment is limited. Storage of the second boat in Pittsboro creates a significant delayed response for its use. These boats must be maintained and positioned closer to the area of use in a permanent location that allows storage and growth for the program.

Recommended Solution

The Sheriff recommends the building of a new storage facility to maintain watercraft, drones, and future needs in this area.

Alternatives

Alternatives to building a new storage facility near the lake include:

Option 1: Rent space in the marina, which would expose assets to the elements.

Option 2: Work with the North Chatham Fire Department to understand how much longer the facility can provide space for the boat and whether an additional bay could be built.

Option 3: Identify other opportunities to rent covered space in proximity to the lake.

Option 4: Do nothing currently and continue to maintain the boats at the North Chatham Fire Department and at the Performance Building.

Description of Land Needs

Approximately 1 acre of commercial space near the lake would be needed to construct a facility.

Professional Services Needed

Architectural, engineering, and construction services will be needed.

Operating Impact

Additional funds will be needed for maintenance and utilities.

County Buildings - Sheriff's Office Warehouse

Build new 7,000 square-foot facility to house Sheriff's Office equipment to include command bus, command trailer, boat, community service trailers, and other equipment.

Define Problem

The Sheriff's Office has equipment that includes a command bus, command trailer, boat, side-by-side all-terrain vehicle, golf cart, four utility trailers, two radar trailers, two electronic sign trailers, and two utility light fixture trailers. This equipment is stored at various locations instead of at a central safe location for proper upkeep and quick dispersal. A central location is needed to store Sheriff's Office property, create a work area for maintaining equipment, and create space to investigate large pieces of evidence. The space will need to be 70x100 for current operations and future growth.

Recommended Solution

Build a new warehouse near the Detention Center and new Animal Resources Center.

Alternatives

One alternative is to do nothing and continue to use existing space as well as outsourced spaces. Another option is to rent a warehouse.

Description of Land Needs

Approximately 2 acres would be needed.

Professional Services Needed

Architectural, engineering, and construction services will be needed.

Operating Impact

Additional funds will be needed to operate and maintain the facility.

Parks

Parks - Bynum Mill Access Connector Road

Construct a roughly 650 ft connecting road between the existing gravel parking lot off of Bynum Road (northeast of the Bynum bridge) and the soon to be improved lower parking area off of Bynum Church Rd.

Defined Problem

The Bynum Mill Access is slated for improvements by State Parks via an NC Connect Bond from 2016. The scope of improvements include paving the lower parking lot and installing a restroom. Bynum residents are concerned about current and future levels of traffic through their neighborhood via Bynum Church rd and have requested that a connector road be built which would channel traffic off of Bynum Church Rd. This was not included in the scope of work for the bond project improvements. The county would need to work with State Parks to meet their requirements for the project. We have inquired with them about this possibility and are waiting for them to respond.

Alternatives

Do nothing

Professional Design

Need to hire an engineer to assess existing retaining wall, design road and how it would tie into upper and lower parking areas, work with State parks around their concerns, and provide a construction estimate.

Parks - New Paddle Access near Chicken Bridge Rd.

Development of a new paddle access near Chicken Bridge road (access road, parking lot, boat launch, rest room and kiosk).

Defined Problem

The current paddle access on the Northeast side of Chicken Bridge is steep and relatively unsafe, and requires paddlers to carry their boats a significant distance from the parking area. Improvements to this site would require significant investment, and the landowner is not interested in this being a long-term arrangement. Conservation partners are currently exploring land acquisition possibilities for relocating this access to the other side of the river where the banks are less steep and TLC has recently purchased a large tract of land for conservation.

Alternatives

Do nothing

Relation to Other Projects

Haw River Trail

Description of Land Needs

River frontage along the Haw River with gentle river access (not steep banks)

Professional Design

Design, permitting and construction

Parks - New Parks and Renovations to Existing Parks

Build new park facilities and trails and update and renovate existing facilities.

Defined Problem

Population growth continues to result in increased demand for new parks and amenities, trails, and recreation programs.

Recommended Solution

Develop a prioritized plan and a funding strategy to anticipate and respond to additional demand for service. Use operating budget capital outlay funds to address appropriate smaller projects. Schedule larger projects – such as new park construction or existing park improvement - in the CIP when funding sources can be identified.

Current Stage of the Project

Following adoption of the Parks and Recreation Comprehensive Master Plan in 2019, staff began work on a phasing plan for the improvements envisioned at Southwest District Park, Earl Thompson Park and Northeast District Park. An overall strategy to address the timing and implementation of new facilities and renovations county-wide is in progress.

Description of Land Needs

Adequate acreage currently held by the county is available to house the construction of a new Parkers Ridge Park. Other future facilities could require additional land.

Professional Services Needed

Architectural, design, and construction services may be needed in the future.

Operating Impact

Additional funding would be needed for operational expenses, including staff; some of these may be offset by revenue-generating programs and events.

Parks - Trails - Bynum Beach to 64 Trail

This trail would extend from the Bynum Beach access to the US 64 paddle access. The majority of the trail would be located in the State Natural Area. It would consist of multiple loops, and require numerous bridges to cross creeks and drainages. The total length of the trail would be around 6 miles.

Defined Problem

Existing trail is in low lying wet area and follows an unsustainable alignment. Trail improvements are needed to improve user experience, reduce impact to the sensitive habitat, and provide additional outdoor recreation opportunity.

Recommended Solution

Build/make improvements to the trail.

Alternatives

Do Nothing

Relation to Other Projects

Haw River Trail

Description of Land Needs

State Natural Area south of Bynum Beach access

Professional Design

Planning and design would be done by the county Trails planner in coordination with State Parks. Construction would require a hired contractor.

Parks - Trails - Haw River Trail Improvements at Pegg Tract (15/501 Access)

Trail improvements are needed at the 15/501 access. This is the Pegg tract owned by State Parks. Estimated 1.5 miles of trail, with 500 ft of boardwalk and a bridge over Miles Branch.

Defined Problem

Existing trail is in low lying wet area and follows an unsustainable alignment. Trail improvements are needed to improve user experience, reduce impact to the sensitive habitat, and provide additional outdoor recreation opportunity.

Recommended Solution

Make improvements to the trail

Alternatives

Do nothing

Relation to Other Projects

Haw River Trail

Professional Design

Planning and design would be done by the county Trails planner in coordination with State Parks. Construction would require a hired contractor.

Parks - Trails - Pokeberry Creek Trail and Bridge

This trail would extend from the Bynum Mill access site to Pokeberry Creek and includes a bridge to cross the creek.

Defined Problem

The existing trail is in a low lying wet area and follows an unsustainable alignment. Trail improvements are needed to improve the user experience, reduce the impact on the sensitive habitat, and provide additional outdoor recreation opportunities.

Recommended Solution

Build/make improvements to the trail that is currently a social trail.

Alternatives

Do nothing

Relation to Other Projects

Haw River Trail

Description of Land Needs

State Natural Area south of Bynum Mill access

Professional Design

Planning and design would be done by the county Trails planner in coordination with State Parks. Construction would require a hired contractor.

Parks - Trails - Trail between 64 and Robeson Creek

This trail would extend from the 64 paddle access to the Robeson Creek paddle access and would consist of two routes, creating a loop totaling 3 miles of trail.

Defined Problem

The existing trail is in a low lying wet area and follows an unsustainable alignment. Trail improvements are needed to improve the user experience, reduce the impact on the sensitive habitat, and provide additional outdoor recreation opportunities.

Recommended Solution

Build/make improvements to the trail.

Alternatives

Do Nothing

Relation to Other Projects

Haw River Trail

Description of Land Needs

State Park and Gamelands south of 64

Professional Design

Planning and design would be done by the county Trails planner in coordination with State Parks. Construction would require hired contractor.

Schools

Schools - Roofing Replacement/Repair

Replace and repair school building roofs as needed in order of priority over a multi-year period of time.

Define Problem

During a previous CIP roofing project, existing roofs were replaced, repaired, or omitted based on their assessed condition. Many of the roofs that were repaired or omitted now need to be replaced and/or repaired.

Alternatives

An alternative is to do nothing and allow leaky roofs to cause more extensive damage and possible mold issues.

Recommendation

Create a multi-year project to replace and/or repair school roofs in order of priority.

Schools - Playground Equipment Updates/Replacement

Replace dated/worn out playground equipment at Elementary and K8 schools with more up to date and safer versions.

Define Problem

Much of the playground equipment located at our Elementary and K-8 schools is dated and in need of replacement due to condition and availability of replacement parts.

Alternatives

An alternative is to continue replacing single items at a time and/or patching as possible.

Recommendation

Create a multi-year project to replace playground equipment in order of priority.

Schools - New Schools/Capacity Expansion

Construct new schools, add additions to existing schools, and/or add modular classrooms as most feasible.

Define Problem

Based on OEd projections, the following factors are expected to create the need for new schools, additions to existing schools, and/or modular classrooms within the next 10 years to accommodate projected student population growth:

- Potential for the Moncure and Siler City megasites to attract new industries/companies and associated student population,
- Continued residential expansion in the northeast quadrant of the county,
- Student population growth associated with and/or generated by Chatham Park,
- Potential student population growth associated with renewed residential expansion in the Siler City area.

Current projections indicate the need to begin addressing the following issues at some point in the next ten years:

- Increase middle school capacity in the current Northwood attendance zone at Margaret Pollard Middle School and in the current Jordan-Matthews attendance zone at Chatham Middle School.
- Increase high school capacity at Northwood High School and Jordan-Matthews High School as needed to respond to the potential growth in their attendance zones.
- Increase elementary, middle, and high school capacity in the Jordan-Matthews attendance zone,
- Continue creating additional elementary classroom space in response to state mandated class-size reductions for kindergarten through 3rd grade,
- Expansion of alternative school and increasing enrollment at early college,
- Identification and purchase of land for future schools to be located on the eastern side of Jordan Lake.

Recommended Solution

The population figures will be monitored on a yearly basis using ten-year projections, and financial and architectural planning will be requested when it is apparent that the capacity expansion is needed. Prior to proposing brick and mortar additions and/or new schools, every effort will be made to address expansion using the modular classrooms already funded in the approved Mobile Classroom CIP project and/or possible redistricting strategies.

Alternatives

Do nothing.

Professional Services Needed

Architectural and design services will be needed.

Operating Impact

Additional funds will be needed for equipment, supplies, maintenance, and staff.

Schools - New Elementary School at Chatham Park (Southern Village)

Construct new elementary schools at Chatham Park

Define Problem

During the next ten years, the current Northwood attendance zone is projected to grow by approximately 1,600 students. Over 700 of these students are expected to be generated by Chatham Park. We will need to construct schools in Chatham Park to meet the projected growth in population.

Recommended Solution

Monitor North Carolina State University Operations Research and Education Lab (ORED) projections and the Chatham Park buildout on an annual basis and schedule this project accordingly. Scheduling/funding flexibility is needed due to the changing circumstances associated with a building project of this size. Financial and architectural plans for a new elementary school will begin when it is apparent that the school is needed.

Alternatives

Do not build an additional school and continue adding modular units to the current K-5 schools in the Northwood attendance zone.

Description of Land Needs

Chatham Park has identified a parcel of land that at a yet to-be-determined point in the future will be an appropriate site for an elementary school. Chatham Park will donate the land and provide access roads, water/sewer, and needed infrastructure. This was outlined in documents with the Town of Pittsboro and in an MOU with the Board of Education.

Professional Services Needed

Design, engineering, and construction services will be needed.

Operating Impact

Additional funding will be needed for operating expenses upon opening of a new school.

Current Stage of the Project

A suitable site has been identified and reserved with Chatham Park for the construction of this school.

Schools - Schools' Marquee Signage Replacements

Replace dated school marquee signage with more up to date versions.

Define Problem

The majority of Chatham County Schools have marquee signage that is 25 years or older. This does not include an electronic messaging feature and in general is somewhat weathered. The ones that have been replaced do not have a consistent appearance or model.

Alternatives

In the past this type of replacement project has been funded by individual PTSA groups. Continuing to use this approach will widen the gap between schools with and without available resources, and continue creating inconsistencies in model and appearance.

Recommendation

Create a multi-year project to replace marquee signage in order of priority. This will allow the district to create a consistent model/standard across the district and improve.

Schools - Landscaping/Grading Improvements

Fifteen of our nineteen school campuses were built over twenty-five years ago. Many are in need of landscaping and grading improvements.

Define Problem

Natural and manmade influences have both taken their toll on the original landscaping and grading. Both aesthetic and functional improvements are needed to upgrade the curb appeal, and to address issues that have developed over the years.

Alternatives

In the past this type of project has been funded by individual PTSA groups. Continuing to use this approach will widen the gap between schools with and without available resources. Also, this approach may actually create additional issues, particularly in the area of grading.

Recommendation

Create a multi-year project to replace and/or upgrade the landscaping and grading at every Chatham County school.

Schools - HVAC Upgrades

Upgrade outdated and inefficient HVAC systems.

Define Problem

Only four of the 19 Chatham County School buildings were constructed during the last ten years (Margaret Pollard Middle, Virginia Cross Elementary, Chatham Grove Elementary, and Seaforth High School) using energy efficient construction and mechanical systems. The 2014 Chatham County Schools Facility Conditions Assessment indicates that HVAC systems in the majority of the remaining 15 schools have outlived their projected life expectancy, are inefficient, and need replacement. Taking care of this issue offers the potential for substantial energy savings for the district and will create an opportunity to take advantage of more environmentally responsible (e.g., geothermal HVAC) technologies and systems.

Alternatives

An alternative is to do nothing and continue patching existing HVAC systems to keep them running until they completely fail.

Recommendation

Conduct a feasibility study to estimate current costs. Establish a timeline and begin contributing to capital reserve to establish a dedicated funding source.

Schools - Athletic Scoreboard Replacements

Replace aging outside athletic scoreboards at high school and middle schools.

Define Problem

Many of the outside athletic scoreboards at CCS are twenty plus years old and in poor condition. Parts are often no longer available and this type of repair work is very expensive to contract out. Some of the middle school scoreboards work only partially or sometimes not at all.

Alternatives

In the past this type of replacement project has been funded by individual Athletic Booster groups. Continuing to use this approach will widen the gap between schools with and without available resources.

Recommendation

Create a two year project to replace/upgrade the older scoreboards first at the middle schools and then at the high schools.

APPENDIX

CCCC - COMMUNITY COLLEGE REQUESTS

This requests information is generated from , Proposed Version.

Community College - Career and Technical Education Building

Overview

Request Owner	Darrell Butts, Budget Director
Department	CCCC - COMMUNITY COLLEGE
Type	Capital Improvement

Description

Construct a new Career and Technical Education Building on the Chatham Main Campus to meet needs for skilled trade fields in the service area.

Details

Type of Project	New Construction
Fund	General Fund
Project Status (New/Existing)	New

Defined Problem

The college has limited physical space on the Chatham Main Campus to expand program opportunities in career and technical education programs. The college has recently started an Electrical Systems Technology program that utilizes space in the Sustainable Building, which was not designed to meet the needs of this program. The college's Building Construction Technology program is also using space in the Sustainable Building that was not designed to meet the needs of this program.

Recommended Solution

Construct a new building on the Chatham Main Campus for Career and Technical Education Programs.

Alternatives

1. Construct a new building on the Chatham Main Campus for Career and An alternative is to continue offering existing programming and not offer new degree options in Career and Technical Education.

Current Stage of Project

College staff is doing additional research to determine the programming mix for this building to meet needs for skilled trade fields in the service area. Staff is also investigating additional funding sources. In addition, water and wastewater capacity will have to be obtained from the Town of Pittsboro.

Description of Land Needs

Sufficient space is available at the main campus.

Professional Design

Professional design, architecture, and construction will be needed.

Operating Impact

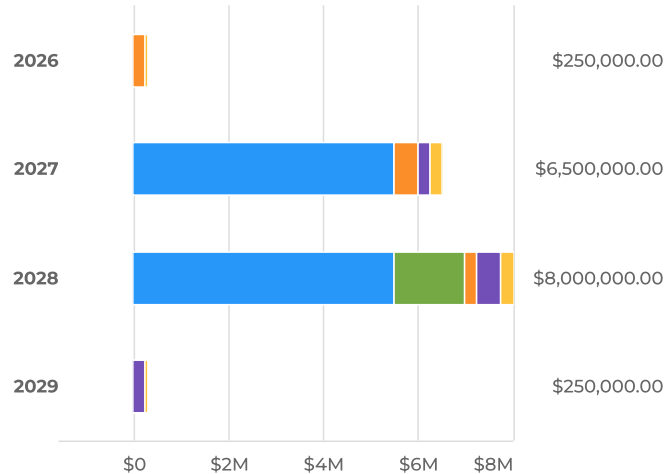
Additional funding will be needed for utilities and building maintenance.

Capital Cost

Total Budget (all years)
\$15M

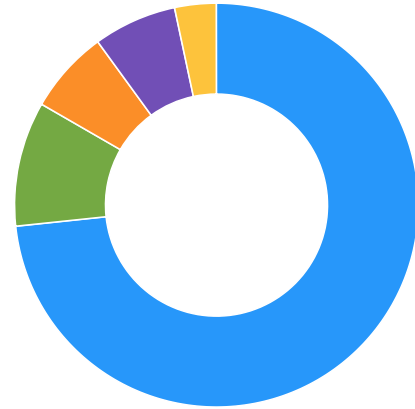
Project Total
\$15M

Capital Cost by Year (Proposed)



- Construction
- Design, Engineering & Constr...
- Contingency
- Furnishings & Equipment
- Other Contracted Services

Capital Cost for Budgeted Years (Proposed)



- Construction (73%) \$11,000,000.00
- Contingency (10%) \$1,500,000.00
- Design, Engineering & Construction Administ
- Furnishings & Equipment (7%) \$1,000,000.00
- Other Contracted Services (3%) \$500,000.00
- TOTAL \$15,000,000.00**

Capital Cost Breakdown

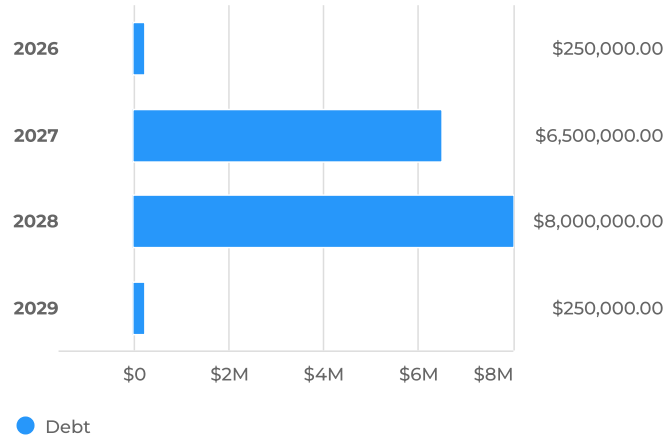
Capital Cost	FY2026	FY2027	FY2028	FY2029	Total
Construction		\$5,500,000	\$5,500,000		\$11,000,000
Contingency			\$1,500,000		\$1,500,000
Other Contracted Services		\$250,000	\$250,000		\$500,000
Design, Engineering & Construction Administration	\$250,000	\$500,000	\$250,000		\$1,000,000
Furnishings & Equipment		\$250,000	\$500,000	\$250,000	\$1,000,000
Total	\$250,000	\$6,500,000	\$8,000,000	\$250,000	\$15,000,000

Funding Sources

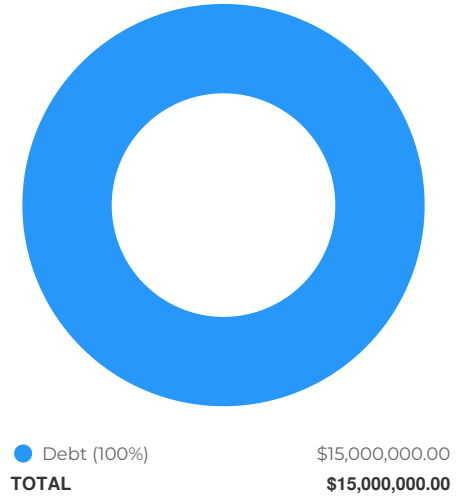
Total Budget (all years)
\$15M

Project Total
\$15M

Funding Sources by Year (Proposed)



Funding Sources for Budgeted Years (Proposed)



Funding Sources Breakdown					
Funding Sources	FY2026	FY2027	FY2028	FY2029	Total
Debt	\$250,000	\$6,500,000	\$8,000,000	\$250,000	\$15,000,000
Total	\$250,000	\$6,500,000	\$8,000,000	\$250,000	\$15,000,000

Operational Costs

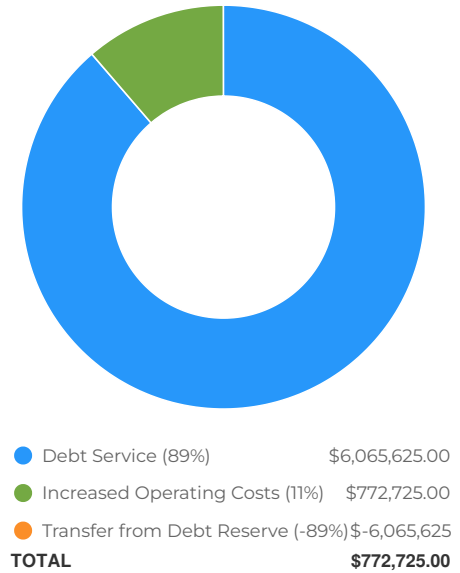
Total Budget (all years)
\$772.725K

Project Total
\$772.725K

Operational Costs by Year (Proposed)



Operational Costs for Budgeted Years (Proposed)



Operational Costs Breakdown						
Operational Costs	FY2027	FY2028	FY2029	FY2030	FY2031	Total
Debt Service	\$365,625	\$1,481,250	\$1,443,750	\$1,406,250	\$1,368,750	\$6,065,625
Increased Operating Costs			\$250,000	\$257,500	\$265,225	\$772,725
Transfer from Debt Reserve	-\$365,625	-\$1,481,250	-\$1,443,750	-\$1,406,250	-\$1,368,750	-\$6,065,625
Total	\$0	\$0	\$250,000	\$257,500	\$265,225	\$772,725

CHATHAM COUNTY SCHOOLS REQUESTS

This requests information is generated from , Proposed Version.

Schools - HVAC Installation at Existing Gyms

Overview

Request Owner	Darrell Butts, Budget Director
Department	CHATHAM COUNTY SCHOOLS
Type	Capital Improvement

Description

Project will create HVAC conditioned gym spaces at each school campus for recess, PE, and athletic purposes

Details

Type of Project	New Construction
Fund	General Fund
Project Status (New/Existing)	New

Defined Problem

Due to our schools being built between the early 1950s and 2021, we have six (6) school gymnasiums (Chatham Middle, George Moses Horton Middle, Moncure School, JS Waters School, North Chatham Elementary, and Perry Harrison Elementary) without HVAC systems. This means that during exceptionally warm/cold weather these spaces may not be usable which is an issue for these schools with middle school athletic programs. The indoor air environment is not in keeping with other Chatham County Schools.

Recommended Solution

Fund and complete this project as proposed with design work in FY 2028, and installation in FY 2029 and FY 2030.

Alternatives

Do not add HVAC systems to these spaces and accentuate this inequity. (This is especially concerning at Chatham Middle, George Moses Horton Middle, J. S. Waters School, and Moncure School due to their middle school athletic programs.)

Relation to Other Projects

Schools - Replace Gymnasiums at Bennett, Bonlee, and Silk Hope Schools

Professional Design

Planning/Professional Design Work

Operating Impact

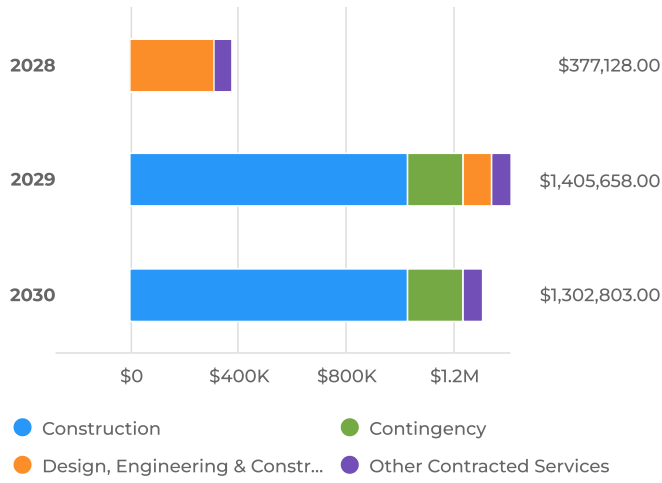
Increased utility costs

Capital Cost

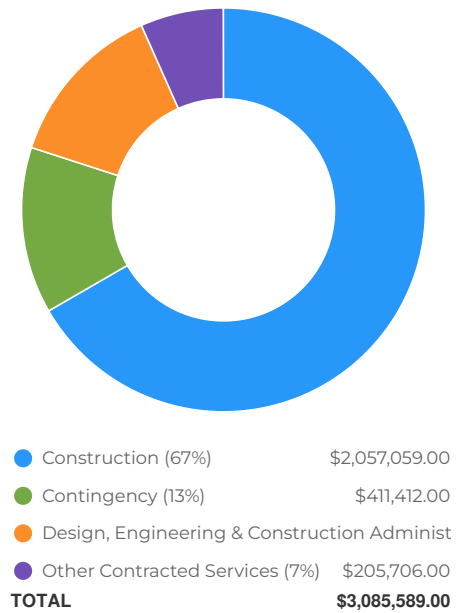
Total Budget (all years)
\$3.086M

Project Total
\$3.086M

Capital Cost by Year (Proposed)



Capital Cost for Budgeted Years (Proposed)



Capital Cost Breakdown

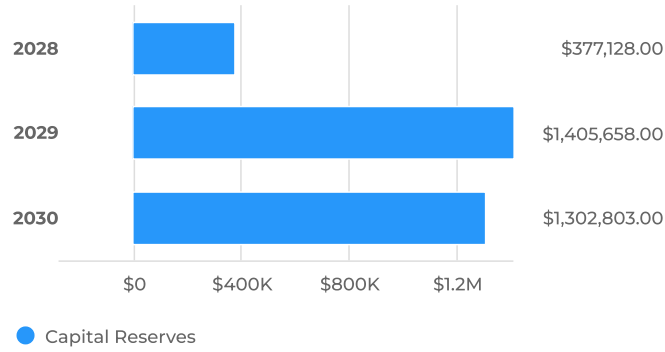
Capital Cost	FY2028	FY2029	FY2030	Total
Construction		\$1,028,530	\$1,028,529	\$2,057,059
Contingency		\$205,706	\$205,706	\$411,412
Other Contracted Services	\$68,569	\$68,569	\$68,568	\$205,706
Design, Engineering & Construction Administration	\$308,559	\$102,853		\$411,412
Total	\$377,128	\$1,405,658	\$1,302,803	\$3,085,589

Funding Sources

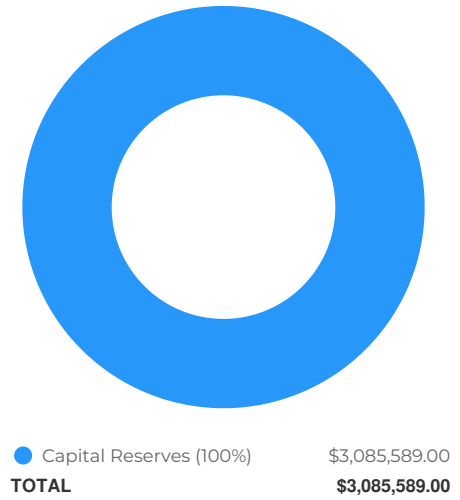
Total Budget (all years)
\$3.086M

Project Total
\$3.086M

Funding Sources by Year (Proposed)



Funding Sources for Budgeted Years (Proposed)



Funding Sources Breakdown				
Funding Sources	FY2028	FY2029	FY2030	Total
Capital Reserves	\$377,128	\$1,405,658	\$1,302,803	\$3,085,589
Total	\$377,128	\$1,405,658	\$1,302,803	\$3,085,589

This requests information is generated from , Proposed Version.

Schools - Margaret Pollard Expansion

Overview

Request Owner	Will Curvin, Budget & Management Analyst
Department	CHATHAM COUNTY SCHOOLS
Type	Capital Improvement
Project Number	3657910

Description

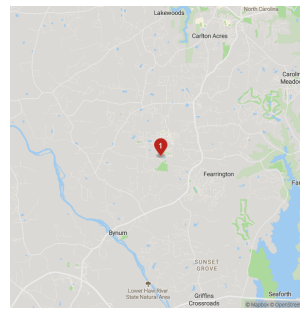
Additional brick and mortar classroom capacity at Margaret Pollard Middle School

Details

Type of Project	New Construction
Fund	General Fund
Project Status (New/Existing)	Approved - No Contracts

Location

Address: Margaret Pollard Middle School



Defined Problem

The accelerating pace of growth in the northeast quadrant of the county continues to increase the student population at Margaret Pollard Middle School. A six-classroom modular pod has been put in place, but additional classroom capacity is needed by the start of the 2025-2026 school year. This project will construct additions to two of the three wings and add eight classrooms. This will create a serviceable capacity of 1,100 students, which should serve the school through the current 10-year projections.

Recommended Solution

Add two 6-classroom pods (behind each wing) with an estimated cost of \$2,000,000-\$2,500,000.

Alternatives

Proceed with brick and mortar addition with an estimated cost of \$6,800,000; which will create enough classroom capacity to get to the end of the current 10-year projections. (Chatham County Schools preferred option)

Description of Land Needs

Not applicable for this project

Professional Design

Planning, design, engineering, and architectural services will be needed.

Operating Impact

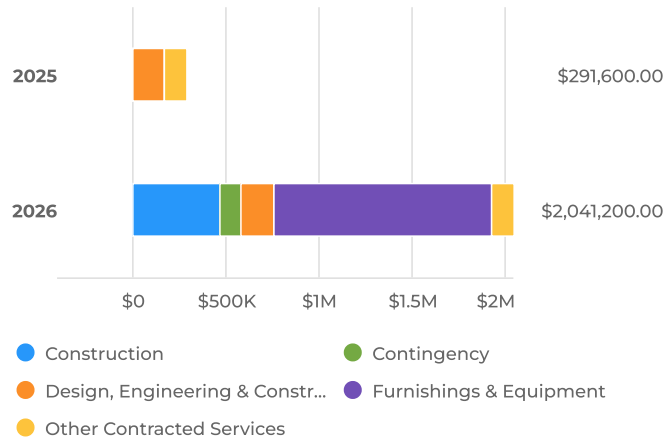
Additional funding will be needed for operating expenses upon opening of additional classrooms within a school.

Capital Cost

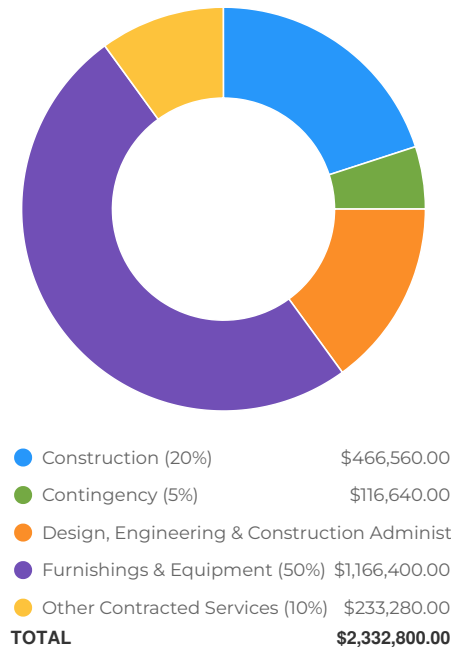
Total Budget (all years)
\$2.333M

Project Total
\$2.333M

Capital Cost by Year (Proposed)



Capital Cost for Budgeted Years (Proposed)



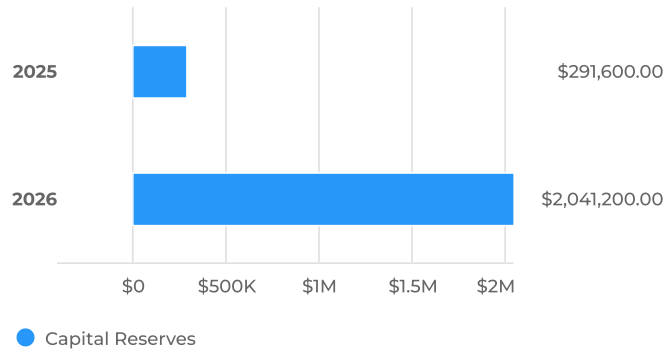
Capital Cost Breakdown			
Capital Cost	FY2025	FY2026	Total
Construction		\$466,560	\$466,560
Contingency		\$116,640	\$116,640
Other Contracted Services	\$116,640	\$116,640	\$233,280
Design, Engineering & Construction Administration	\$174,960	\$174,960	\$349,920
Furnishings & Equipment		\$1,166,400	\$1,166,400
Total	\$291,600	\$2,041,200	\$2,332,800

Funding Sources

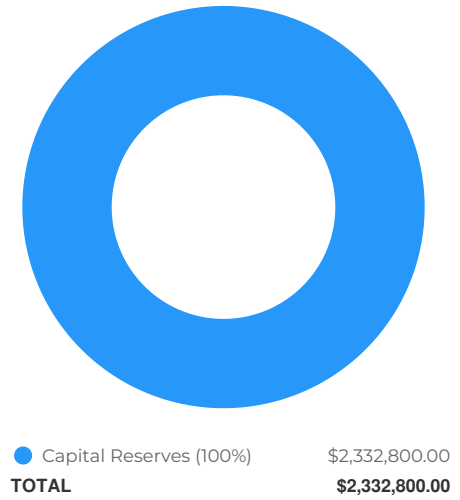
Total Budget (all years)
\$2.333M

Project Total
\$2.333M

Funding Sources by Year (Proposed)



Funding Sources for Budgeted Years (Proposed)

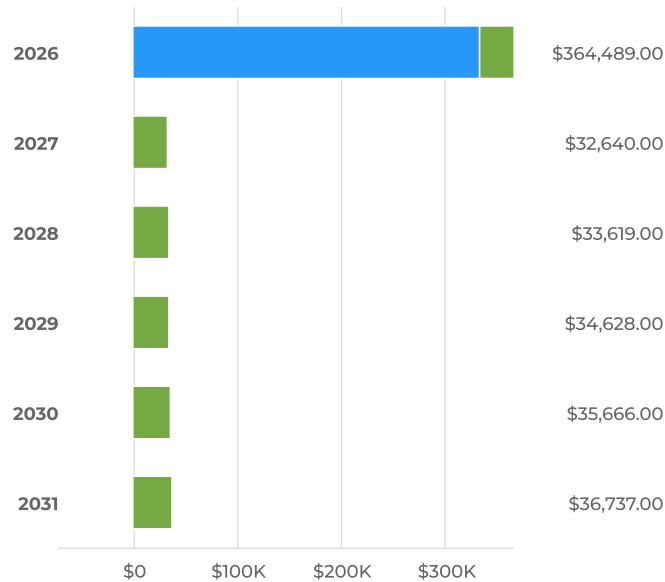


Funding Sources Breakdown			
Funding Sources	FY2025	FY2026	Total
Capital Reserves	\$291,600	\$2,041,200	\$2,332,800
Total	\$291,600	\$2,041,200	\$2,332,800

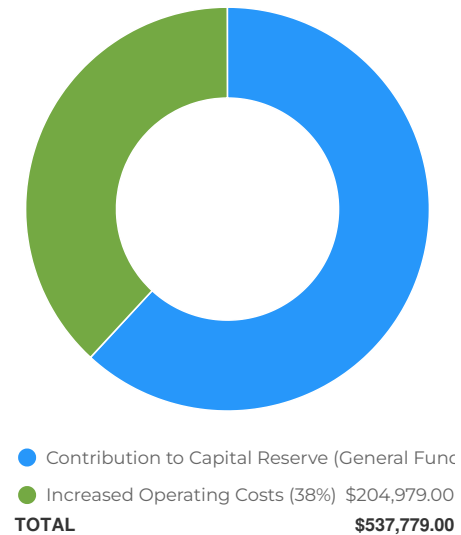
Operational Costs

Total To Date **\$2,000,000** Total Budget (all years) **\$537.779K** Project Total **\$2.538M**

Operational Costs by Year (Proposed)



Operational Costs for Budgeted Years (Proposed)



● Contribution to Capital Reserv... ● Increased Operating Costs

Operational Costs Breakdown

Operational Costs	To Date	FY2026	FY2027	FY2028	FY2029	FY2030	FY2031	Total
Contribution to Capital Reserve (General Fund)	\$2,000,000	\$332,800						\$2,332,800
Increased Operating Costs		\$31,689	\$32,640	\$33,619	\$34,628	\$35,666	\$36,737	\$204,979
Total	\$2,000,000	\$364,489	\$32,640	\$33,619	\$34,628	\$35,666	\$36,737	\$2,537,779

This requests information is generated from , Proposed Version.

Schools - Mobile Classrooms

Overview

Request Owner	Will Curvin, Budget & Management Analyst
Department	CHATHAM COUNTY SCHOOLS
Type	Capital Improvement
Project Number	3657808

Description

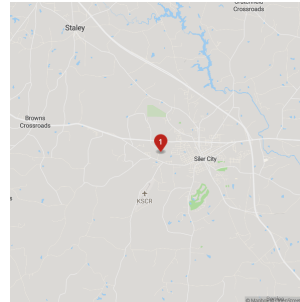
Purchase modular classrooms to alleviate overcrowding at Siler City Elementary, Northwood High School, and other schools as space is needed.

Details

Type of Project	New Construction
Fund	General Fund
Project Status (New/Existing)	Approved - Contracts Let (part)

Location

Address: Northwood High School



Defined Problem

With one NC certified megasite in the western side of the county, another megasite being readied in the southeast, and the Chatham Park development coming in Pittsboro, Chatham County is on the brink of unprecedented growth. Some schools, particularly Siler City Elementary and Northwood High School, are currently overcrowded. Siler City Elementary, with a brick and mortar capacity of 671 and a serviceable capacity of 768, currently has an average daily membership of 699. The school is floating seven English-as-a-second-language (ESL) classes, one art class, one academically or intellectually gifted (AIG) class, one-half of a music teacher and one-half of a physical education teacher. Northwood High School has a brick and mortar capacity of 1,005 and a serviceable capacity of 1,330. The current average daily membership is 1,289. In addition to classroom space, Northwood needs more cafeteria and office space for teachers, counselors, and administrators. House Bill 13 (which takes effect at the beginning of the 2018-2019 academic year) reduces class sizes in kindergarten through 3rd grades from 23 students to a maximum average of 20 or less. This will reduce the classroom capacity of our elementary/K-8 schools. A short-term solution to overcrowding is needed to provide the schools with additional space and give the school system time to develop a plan that will account for the impending growth.

Recommended Solution

Purchase twelve modular classrooms; three for Siler City Elementary, one for Northwood High School, and eight to be placed as needed over the next three years. Current projected impacts of the issues suggest a need to place modular classrooms during the next five years at Pittsboro Elementary, Siler City Elementary, Horton Middle, Margaret Pollard Middle, and Jordan-Matthews High School. To insure that sufficient modular classroom units are available to address House Bill 13, projected growth from Chatham Park, and normal Chatham County growth, a total of 12 additional modular classroom units should be available by FY 2024.

Alternatives

One alternative to purchasing modular classrooms is to immediately redistrict student attendance zones.

Current Stage of Project

Four modular classrooms were purchased and set up during the summer of 2015. Three are located at Siler City Elementary and one at Northwood High School. All are currently being used as classroom space. One modular classroom was purchased and set up at Chatham Middle during the summer of 2017. This project will be moved out through FY 2028. Student projections are always changing, and the additional seats created with the new schools will help alleviate the immediate need for mobile units. As of 9/2022, a six classroom modular unit has been completed at Margaret Pollard Middle School. At this time no additional modular classrooms are expected to be needed prior to FY 2026 due in part to the additional seats created with the opening of two new schools in FY 2021 and FY 2022. However, student population projections are always changing and Chatham County is experiencing district wide unprecedented growth so this need may quickly change.

Professional Design

Architectural and engineering design services will be needed.

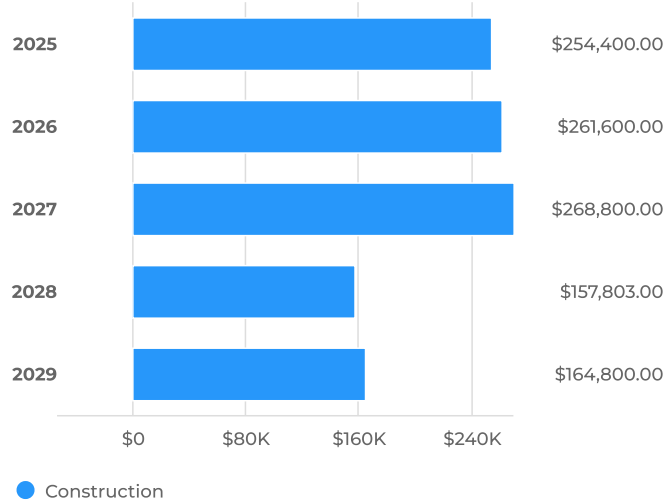
Operating Impact

Additional funds will be needed for utilities to operate the modular classrooms.

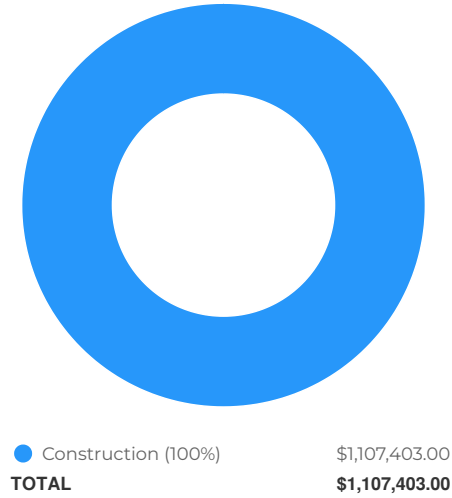
Capital Cost

Total To Date **\$239,512** Total Budget (all years) **\$1.107M** Project Total **\$1.347M**

Capital Cost by Year (Proposed)



Capital Cost for Budgeted Years (Proposed)

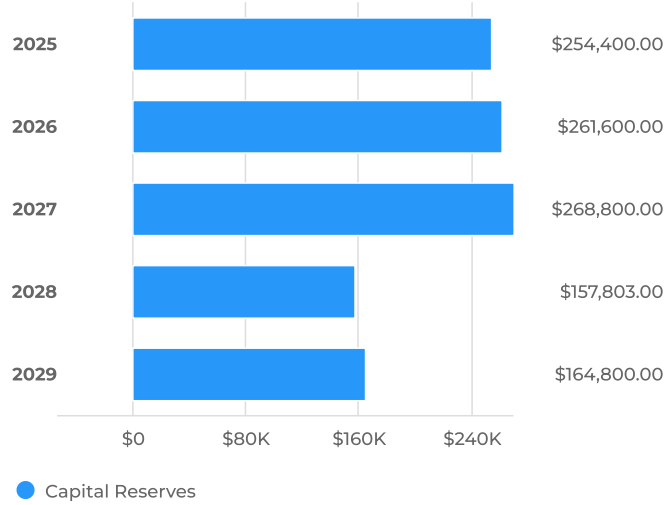


Capital Cost Breakdown							
Capital Cost	To Date	FY2025	FY2026	FY2027	FY2028	FY2029	Total
Construction	\$205,842	\$254,400	\$261,600	\$268,800	\$157,803	\$164,800	\$1,313,245
Design, Engineering & Construction Administration	\$33,670						\$33,670
Total	\$239,512	\$254,400	\$261,600	\$268,800	\$157,803	\$164,800	\$1,346,915

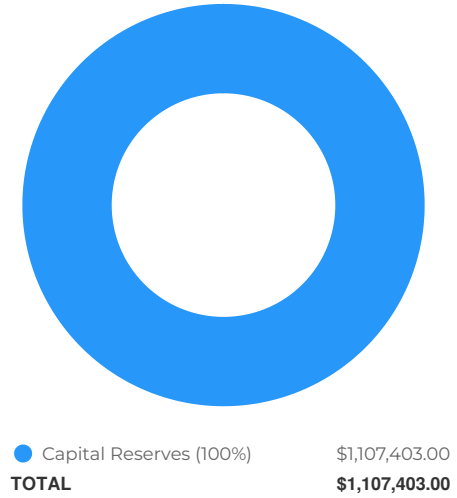
Funding Sources

Total To Date **\$239,512** Total Budget (all years) **\$1.107M** Project Total **\$1.347M**

Funding Sources by Year (Proposed)



Funding Sources for Budgeted Years (Proposed)

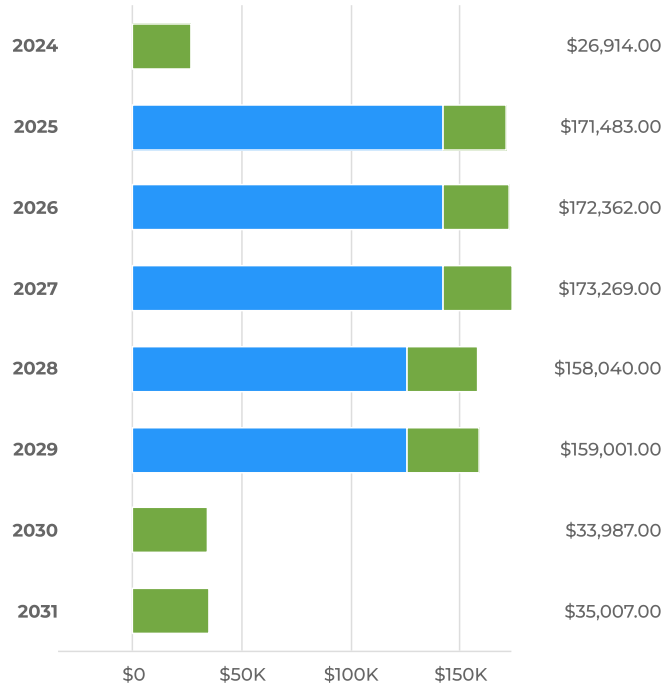


Funding Sources Breakdown							
Funding Sources	To Date	FY2025	FY2026	FY2027	FY2028	FY2029	Total
Capital Reserves	\$239,512	\$254,400	\$261,600	\$268,800	\$157,803	\$164,800	\$1,346,915
Total	\$239,512	\$254,400	\$261,600	\$268,800	\$157,803	\$164,800	\$1,346,915

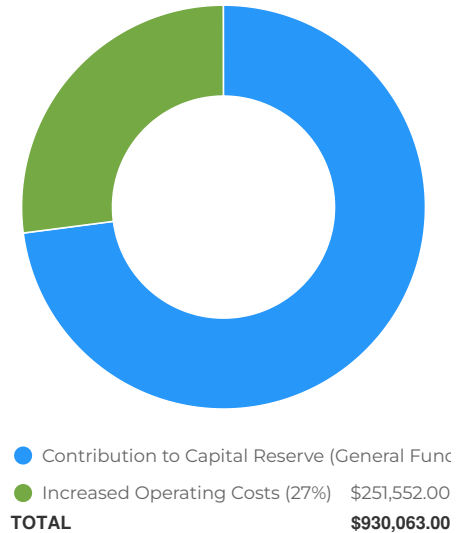
Operational Costs

Total To Date **\$711,094** FY2024 Budget **\$26,914** Total Budget (all years) **\$930.063K** Project Total **\$1.641M**

Operational Costs by Year (Proposed)



Operational Costs for Budgeted Years (Proposed)



● Contribution to Capital Reserv... ● Increased Operating Costs

Operational Costs Breakdown

Operational Costs	To Date	FY2024	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	FY2031	Total
Contribution to Capital Reserve (General Fund)	\$653,184		\$142,167	\$142,167	\$142,168	\$126,005	\$126,004			\$1,333,691
Increased Operating Costs	\$57,910	\$26,914	\$29,316	\$30,195	\$31,101	\$32,035	\$32,997	\$33,987	\$35,007	\$309,548
Total	\$711,094	\$26,914	\$171,483	\$172,362	\$173,269	\$158,040	\$159,001	\$33,987	\$35,007	\$1,643,239

This requests information is generated from , Proposed Version.

Schools - New Central Services Building

Overview

Request Owner	Will Curvin, Budget & Management Analyst
Department	CHATHAM COUNTY SCHOOLS
Type	Capital Improvement
Project Number	3657913

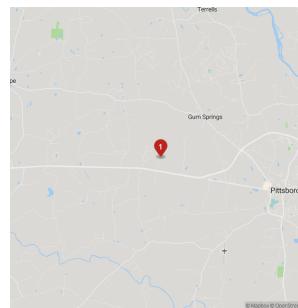
Description

Construct a new one-story 38,000-square-foot Central Services building, including approximately 8,000 square feet of warehouse space, on Renaissance Drive.

Details

Type of Project	New Construction
Fund	General Fund
Project Status (New/Existing)	Substantially Complete

Location



Defined Problem

The existing Central Services Building has exceeded its capacity resulting in the creation of inefficient satellite offices around the county. In addition, a 2014 facility conditions assessment indicates the building has surpassed its intended lifespan and is in need of costly repairs. The necessary repairs do not address the space issue. Recent student population projections for Horton Middle School indicate that school space currently occupied by Central Services personnel will be required for classroom use beginning with FY 2021. Warehouse space is needed to replace the storage space at the existing site (school nutrition, technology, etc.).

Recommended Solution

Construct a new one-story central services building to accommodate all departments in one location and eliminate the need for inefficient satellite offices on various school campuses. Building is being designed to meet projected 20-year needs and will include provisions for future expansion. The county has purchased the old bus garage site from the school system. Instead of a cash purchase, the funds will be used to offset some of the construction costs for the new Central Services Building.

Alternatives

Repair existing building and continue to operate with inefficient satellite offices.

Current Stage of Project

Design development is underway with construction starting in July 2021 and estimated completion in December 2022. A bid alternate for a solar PV Panel System will be obtained for consideration. Design development is complete and a contract for construction has been awarded. The site has been cleared, erosion control measures are in place, and building pad development is underway. Personnel finished moving into the New Central Services Building in April of 2023. Construction is complete and warranty items are being addressed as they arise. Financial closeout will occur in FY2023-2024.

Professional Design

Architectural design, construction, and engineering services will be needed.

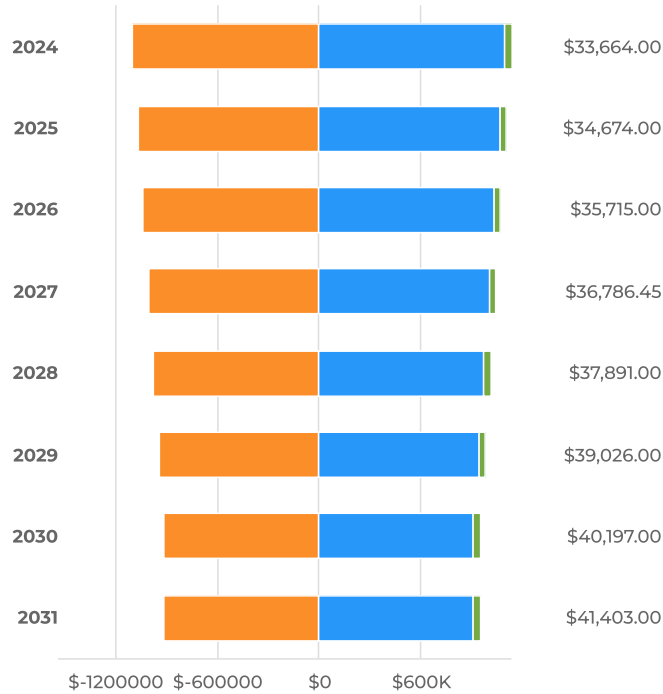
Operating Impact

Additional funds will be needed for equipment, supplies, and maintenance.

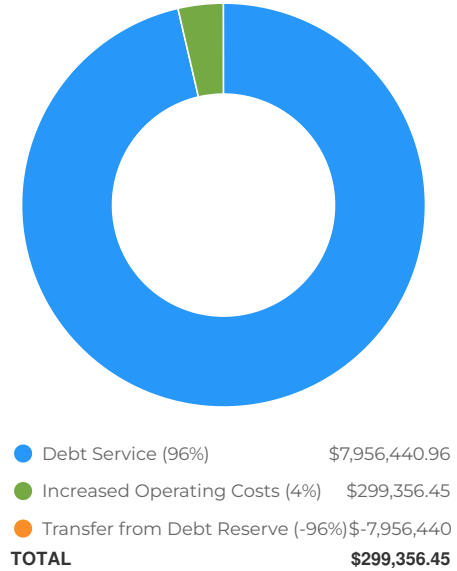
Operational Costs

Total To Date **\$64,416** FY2024 Budget **\$33,664** Total Budget (all years) **\$299.356K** Project Total **\$363.772K**

Operational Costs by Year (Proposed)



Operational Costs for Budgeted Years (Proposed)



- Debt Service
- Increased Operating Costs
- Transfer from Debt Reserve

Operational Costs Breakdown

Operational Costs	To Date	FY2024	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	FY2031
Debt Service	\$1,493,612	\$1,097,964	\$1,067,375	\$1,036,786	\$1,006,197	\$975,608	\$945,020	\$914,431	\$883,842
Increased Operating Costs	\$64,416	\$33,664	\$34,674	\$35,715	\$36,786	\$37,891	\$39,026	\$40,197	\$41,403
Transfer from Debt Reserve	-\$1,493,612	-\$1,097,964	-\$1,067,375	-\$1,036,786	-\$1,006,197	-\$975,608	-\$945,020	-\$914,431	-\$883,842
Total	\$64,416	\$33,664	\$34,674	\$35,715	\$36,786	\$37,891	\$39,026	\$40,197	\$41,403

This requests information is generated from , Proposed Version.

Schools - New Elementary School at Chatham Park (Northern Village)

Overview

Request Owner	Will Curvin, Budget & Management Analyst
Department	CHATHAM COUNTY SCHOOLS
Type	Capital Improvement

Description

Design and construction of a new K-5 elementary school.

Details

Type of Project	New Construction
Fund	General Fund
Project Status (New/Existing)	Approved - No Contracts

Defined Problem

During the next 10 years, the Northwood/Seaforth attendance zones are expected to grow by over 1,900 students. The majority of these students will be generated by Chatham Park. We will need to construct an elementary school in the Chatham Park Northern Village to meet this projected growth.

Recommended Solution

Design and construct a new school to open in the fall of 2028 in the Chatham Park Northern Village.

Alternatives

Do nothing and continue adding modular classrooms to our current K-5 schools in the Northwood/Seaforth attendance zones.

Current Stage of Project

Chatham County Schools has found a suitable site for the school within Chatham Park.

Description of Land Needs



25 Buildable Acres - Chatham Park will donate the land and provide access roads, water/sewer, and needed infrastructure. This was outlined in documents with the Town of Pittsboro and in an MOU with the Board of Education.

Professional Design

Design, engineering, and construction services will be needed.

Operating Impact

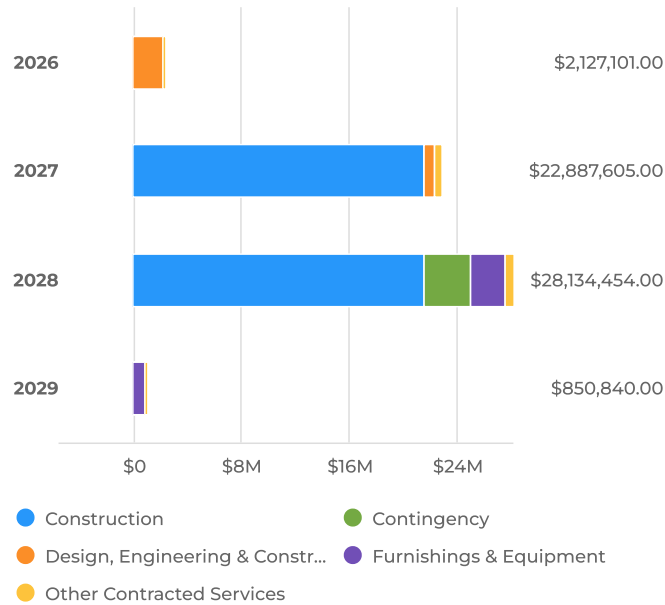
Additional funding will be needed for operating expenses upon opening of a new school.

Capital Cost

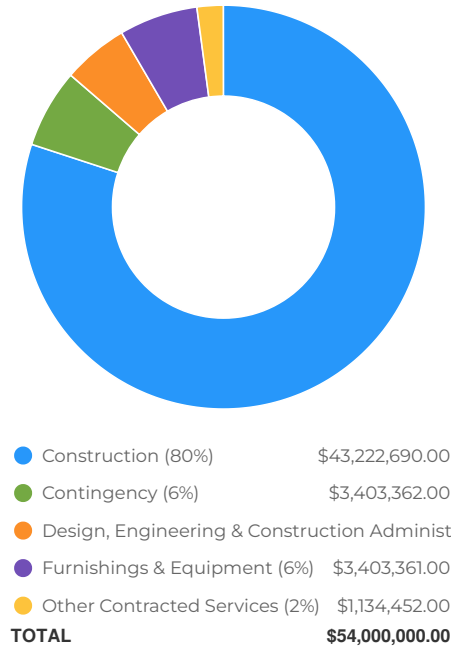
Total Budget (all years)
\$54M

Project Total
\$54M

Capital Cost by Year (Proposed)



Capital Cost for Budgeted Years (Proposed)



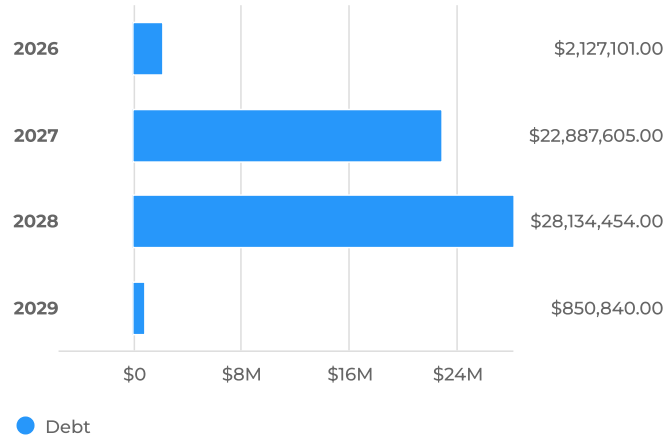
Capital Cost Breakdown						
Capital Cost	To Date	FY2026	FY2027	FY2028	FY2029	Total
Construction	\$0		\$21,611,345	\$21,611,345		\$43,222,690
Contingency	\$0			\$3,403,362		\$3,403,362
Other Contracted Services	\$0		\$567,226	\$567,226		\$1,134,452
Design, Engineering & Construction Administration	\$0	\$2,127,101	\$709,034			\$2,836,135
Furnishings & Equipment	\$0			\$2,552,521	\$850,840	\$3,403,361
Total	\$0	\$2,127,101	\$22,887,605	\$28,134,454	\$850,840	\$54,000,000

Funding Sources

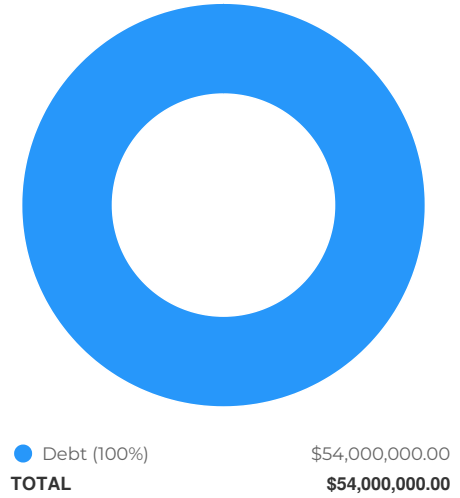
Total Budget (all years)
\$54M

Project Total
\$54M

Funding Sources by Year (Proposed)



Funding Sources for Budgeted Years (Proposed)



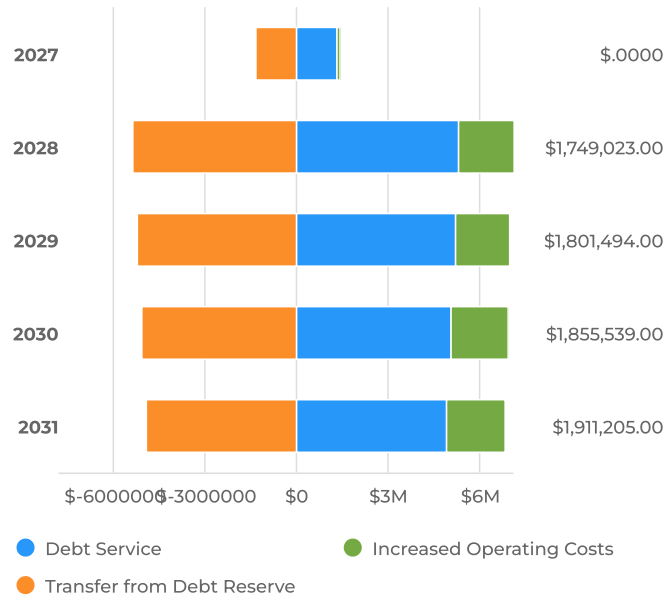
Funding Sources Breakdown						
Funding Sources	To Date	FY2026	FY2027	FY2028	FY2029	Total
Debt	\$0	\$2,127,101	\$22,887,605	\$28,134,454	\$850,840	\$54,000,000
Total	\$0	\$2,127,101	\$22,887,605	\$28,134,454	\$850,840	\$54,000,000

Operational Costs

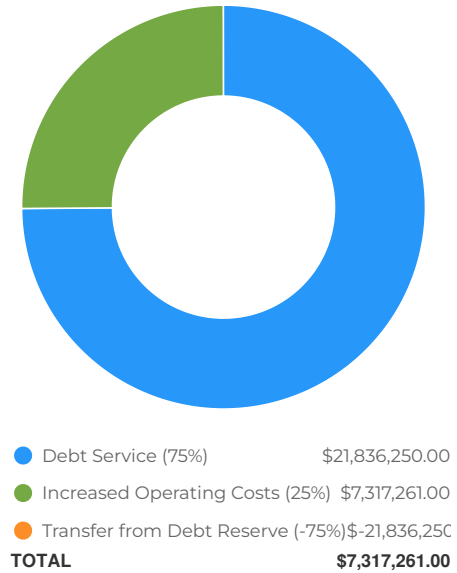
Total Budget (all years)
\$7.317M

Project Total
\$7.317M

Operational Costs by Year (Proposed)



Operational Costs for Budgeted Years (Proposed)



Operational Costs Breakdown

Operational Costs	To Date	FY2027	FY2028	FY2029	FY2030	FY2031	Total
Debt Service	\$0	\$1,316,250	\$5,332,500	\$5,197,500	\$5,062,500	\$4,927,500	\$21,836,250
Increased Operating Costs	\$0		\$1,749,023	\$1,801,494	\$1,855,539	\$1,911,205	\$7,317,261
Transfer from Debt Reserve	\$0	-\$1,316,250	-\$5,332,500	-\$5,197,500	-\$5,062,500	-\$4,927,500	-\$21,836,250
Total	\$0	\$0	\$1,749,023	\$1,801,494	\$1,855,539	\$1,911,205	\$7,317,261

This requests information is generated from , Proposed Version.

Schools - Paving Repair

Overview

Request Owner	Will Curvin, Budget & Management Analyst
Department	CHATHAM COUNTY SCHOOLS
Type	Capital Improvement
Project Number	3657811

Description

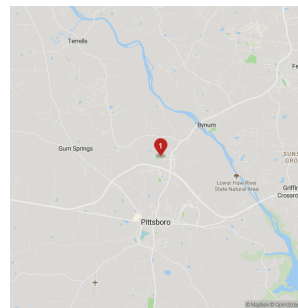
Repair paving on all campuses.

Details

Type of Project	New Construction
Fund	General Fund
Project Status (New/Existing)	Approved - No Contracts

Location

Address: Northwood High School



Defined Problem

Paved areas on all campuses continue to age and increasingly need repair. Having a scheduled funding source to address these needs will allow us to do so in a more strategic way, including asphalt overlays and crack/pothole repair.

Recommended Solution

Create a long-term project that will provide funding for paving repair as detailed in the recent completed feasibility study to provide improved campuses for the students and staff of Chatham County Schools. Given the scope of this project, it will extend beyond the initial seven years in the FY2023-2029 CIP. The first seven years of planned expenditures are shown in detail in this document.

Alternatives

Option 1: Do nothing. This alternative would allow the issues to deteriorate. Option 2: Patch cracks/potholes as funds allow.

Current Stage of Project

Northwood HS bus parking lot complete.

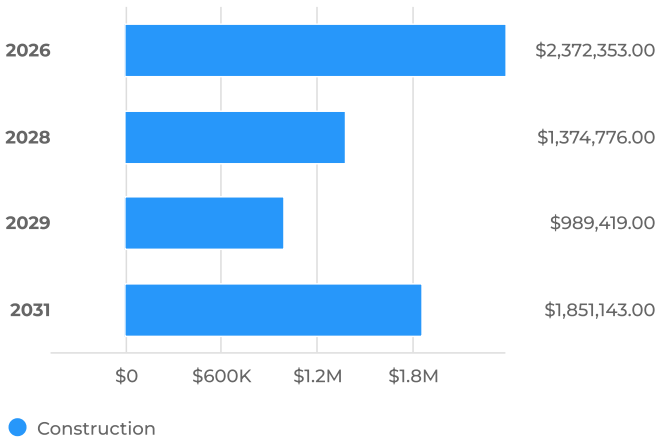
Professional Design

Design and engineering services will be needed.

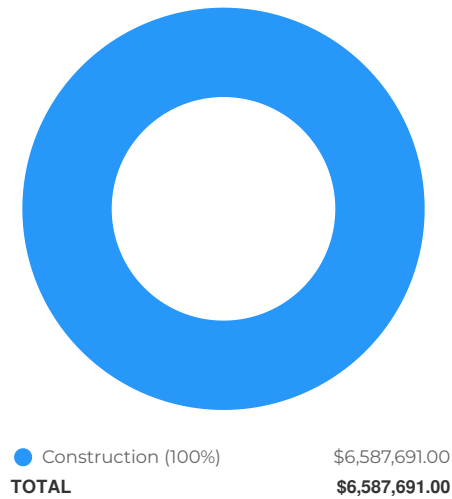
Capital Cost

Total Budget (all years) **\$6.588M** Project Total **\$6.588M**

Capital Cost by Year (Proposed)



Capital Cost for Budgeted Years (Proposed)



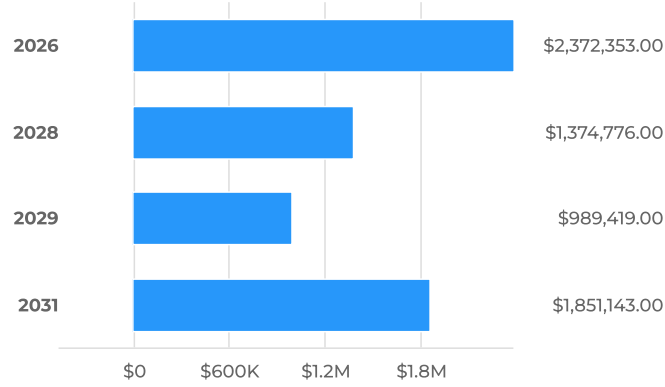
Capital Cost Breakdown					
Capital Cost	FY2026	FY2028	FY2029	FY2031	Total
Construction	\$2,372,353	\$1,374,776	\$989,419	\$1,851,143	\$6,587,691
Total	\$2,372,353	\$1,374,776	\$989,419	\$1,851,143	\$6,587,691

Funding Sources

Total Budget (all years)
\$6.588M

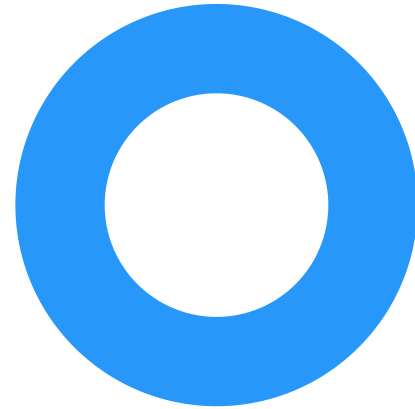
Project Total
\$6.588M

Funding Sources by Year (Proposed)



● Capital Reserves

Funding Sources for Budgeted Years (Proposed)



● Capital Reserves (100%) \$6,587,691.00
TOTAL \$6,587,691.00

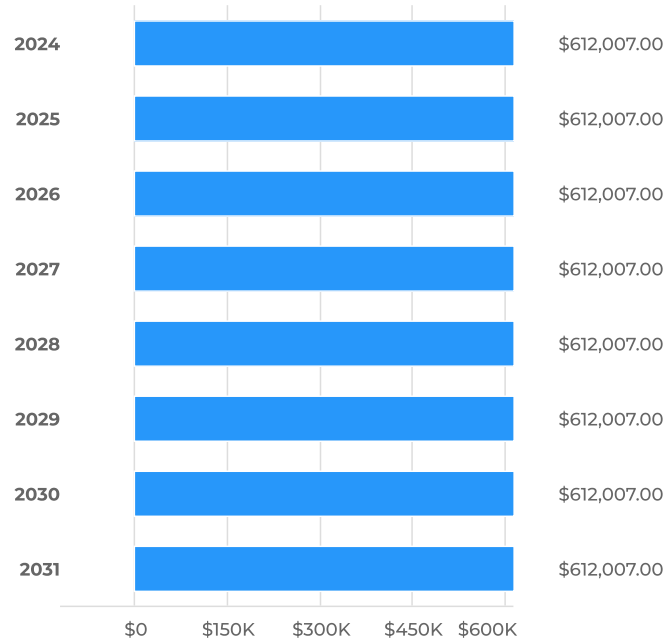
Funding Sources Breakdown

Funding Sources	FY2026	FY2028	FY2029	FY2031	Total
Capital Reserves	\$2,372,353	\$1,374,776	\$989,419	\$1,851,143	\$6,587,691
Total	\$2,372,353	\$1,374,776	\$989,419	\$1,851,143	\$6,587,691

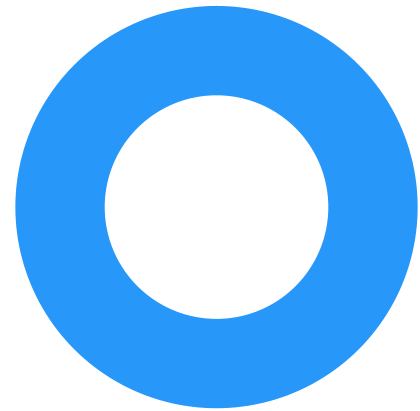
Operational Costs

Total To Date	FY2024 Budget	Total Budget (all years)	Project Total
\$2,000,000	\$612,007	\$4.896M	\$6.896M

Operational Costs by Year (Proposed)



Operational Costs for Budgeted Years (Proposed)



● Contribution to Capital Reserve (General Fund)
TOTAL \$4,896,056.00

● Contribution to Capital Reserv...

Operational Costs Breakdown

Operational Costs	To Date	FY2024	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	FY2031
Contribution to Capital Reserve (General Fund)	\$2,000,000	\$612,007	\$612,007	\$612,007	\$612,007	\$612,007	\$612,007	\$612,007	\$612,007
Total	\$2,000,000	\$612,007	\$612,007	\$612,007	\$612,007	\$612,007	\$612,007	\$612,007	\$612,007

This requests information is generated from , Proposed Version.

Schools - Replace Gymnasiums at Bennett, Silk Hope and Bonlee

Overview

Request Owner	Will Curvin, Budget & Management Analyst
Department	CHATHAM COUNTY SCHOOLS
Type	Capital Improvement

Description

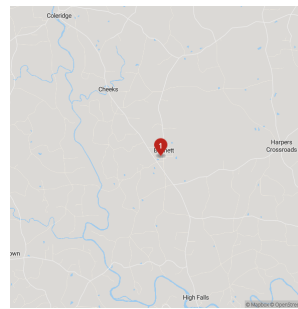
Construction of new masonry/metal building gymnasiums at Bennett, Bonlee, and Silk Hope Schools. Existing gymnasiums to be demolished to create needed space.

Details

Type of Project	New Construction
Fund	General Fund
Project Status (New/Existing)	Approved - No Contracts

Location

Address: 7945 Silk Hope Gum Spring Road



Defined Problem

These three gymnasiums were built in 1951 and are undersized and lacking in needed features for middle school athletics.

Recommended Solution

Replace existing gymnasiums with new ones that meet the current size and features recommended by the North Carolina Department of Public Instruction. Design to be based on a masonry/metal building.

Alternatives

Do nothing and continue renovating existing gymnasiums as possible.

Current Stage of Project

Chatham County Schools completed a feasibility study during the 2021-2022 academic year, which indicated that the best course of action is to replace the existing gyms with new ones that meet the current size and features recommended by the North Carolina Department of Public Instruction. Design to be based on a masonry/metal building. Once these buildings are

finished, the existing gyms would be demoed and the resulting spaces used for other purposes. This project has been submitted for NCDPI funding consideration but has been passed over twice.

Professional Design

Detailed architectural drawings, planning, engineering, and construction management will be needed.

Operating Impact

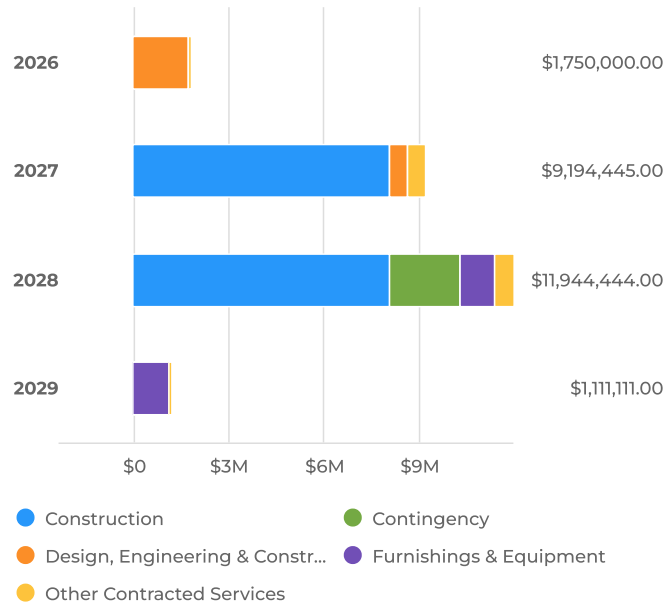
Utility and maintenance costs are expected to decline because of updated systems and materials.

Capital Cost

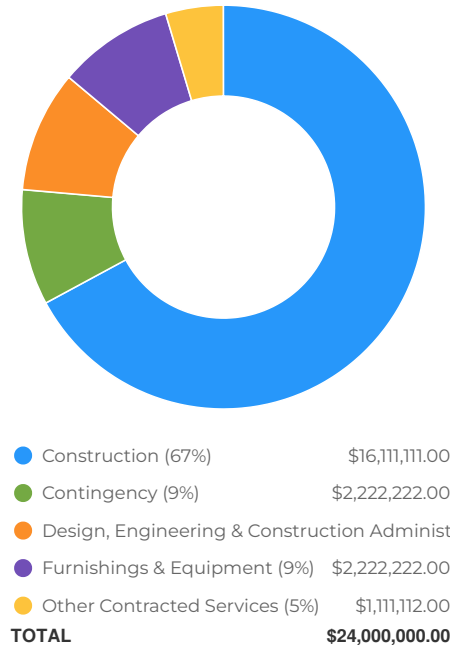
Total Budget (all years)
\$24M

Project Total
\$24M

Capital Cost by Year (Proposed)



Capital Cost for Budgeted Years (Proposed)



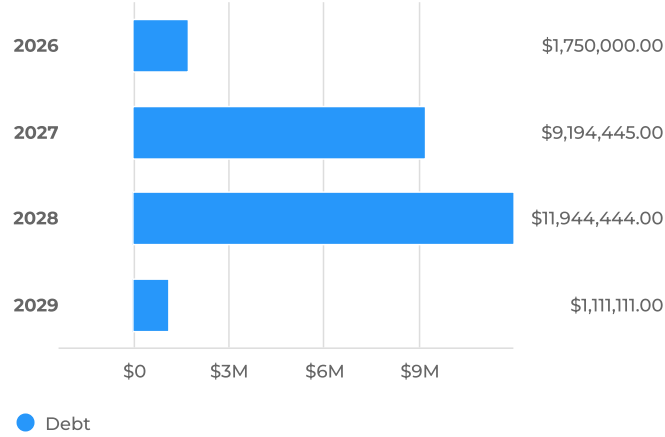
Capital Cost Breakdown					
Capital Cost	FY2026	FY2027	FY2028	FY2029	Total
Construction		\$8,055,556	\$8,055,555		\$16,111,111
Contingency			\$2,222,222		\$2,222,222
Other Contracted Services		\$555,556	\$555,556		\$1,111,112
Design, Engineering & Construction Administration	\$1,750,000	\$583,333			\$2,333,333
Furnishings & Equipment			\$1,111,111	\$1,111,111	\$2,222,222
Total	\$1,750,000	\$9,194,445	\$11,944,444	\$1,111,111	\$24,000,000

Funding Sources

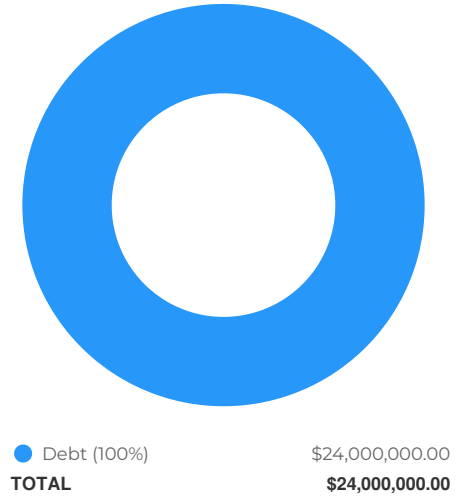
Total Budget (all years)
\$24M

Project Total
\$24M

Funding Sources by Year (Proposed)



Funding Sources for Budgeted Years (Proposed)



Funding Sources Breakdown

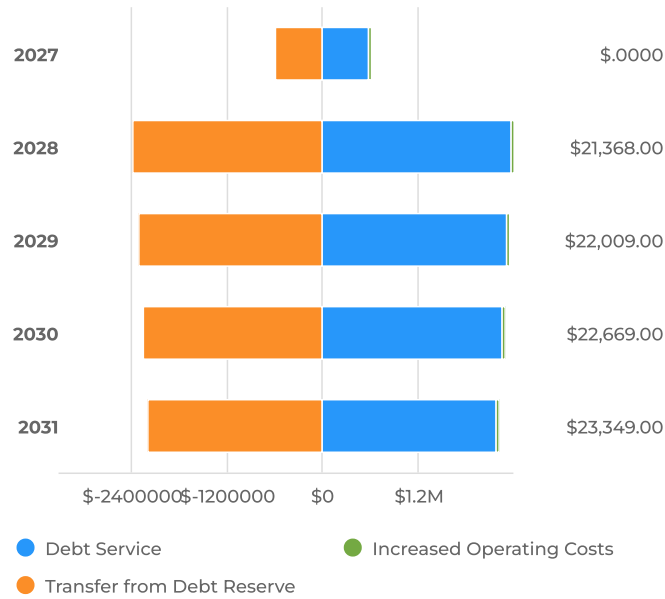
Funding Sources	FY2026	FY2027	FY2028	FY2029	Total
Debt	\$1,750,000	\$9,194,445	\$11,944,444	\$1,111,111	\$24,000,000
Total	\$1,750,000	\$9,194,445	\$11,944,444	\$1,111,111	\$24,000,000

Operational Costs

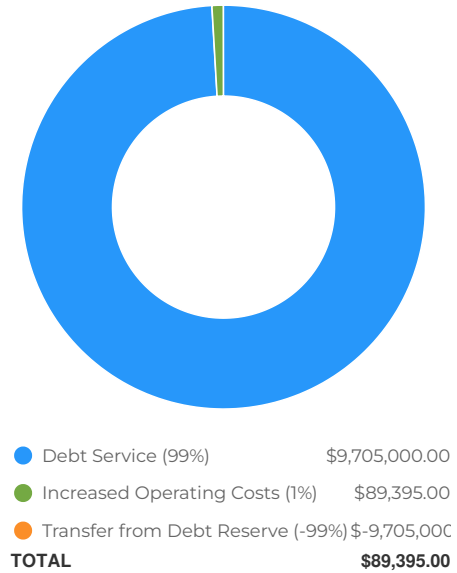
Total Budget (all years)
\$89.395K

Project Total
\$89.395K

Operational Costs by Year (Proposed)



Operational Costs for Budgeted Years (Proposed)



Operational Costs Breakdown

Operational Costs	FY2027	FY2028	FY2029	FY2030	FY2031	Total
Debt Service	\$585,000	\$2,370,000	\$2,310,000	\$2,250,000	\$2,190,000	\$9,705,000
Increased Operating Costs		\$21,368	\$22,009	\$22,669	\$23,349	\$89,395
Transfer from Debt Reserve	-\$585,000	-\$2,370,000	-\$2,310,000	-\$2,250,000	-\$2,190,000	-\$9,705,000
Total	\$0	\$21,368	\$22,009	\$22,669	\$23,349	\$89,395

This requests information is generated from , Proposed Version.

Schools - Resurface Tracks

Overview

Request Owner	Will Curvin, Budget & Management Analyst
Department	CHATHAM COUNTY SCHOOLS
Type	Capital Improvement
Project Number	3657814

Description

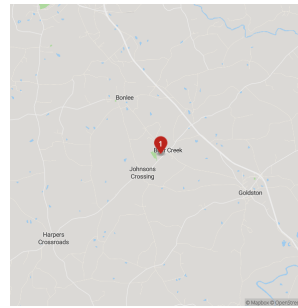
Resurfacing of tracks at Chatham County High Schools.

Details

Type of Project	New Construction
Fund	General Fund
Project Status (New/Existing)	Approved - Contracts Let

Location

Address: Northwood High School



Defined Problem

The tracks at Chatham Central and Northwood High Schools were rebuilt in 2007. Jordan-Matthews High School's track was repaved in 2007. The latex surfaces at all three high schools have outlived their projected life spans. Holes are appearing and the latex surface is separating from the asphalt.

Recommended Solution

Resurface one high school's track annually each year from FY2020 to FY2022.

Alternatives

Do nothing to the tracks and gradually discontinue their use for events and physical education classes.

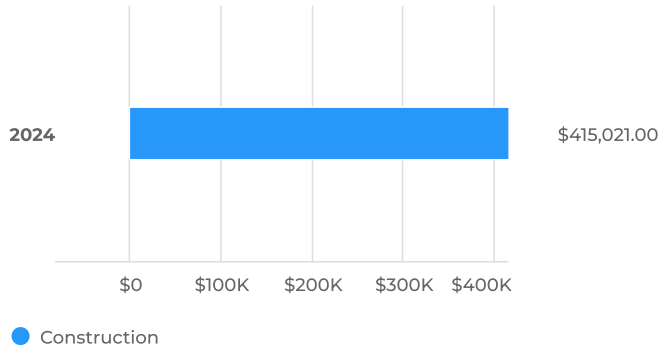
Current Stage of Project

The track resurfacing at Northwood High School has been completed, except for the high jump/pole vault runway. Jordan-Matthews and Chatham Central were scheduled to be completed during FY 2022 (including the follow-up work at Northwood). These parts of the project were delayed due to COVID-19. Resurfacing at remaining high schools (Chatham Central and Jordan-Matthews) and follow-up work at Northwood are expected to be completed during FY 2024.

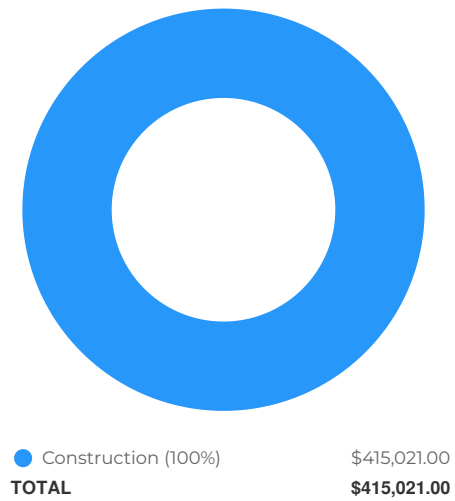
Capital Cost

Total To Date	FY2024 Budget	Total Budget (all years)	Project Total
\$59,459	\$415,021	\$415.021K	\$474.48K

Capital Cost by Year (Proposed)



Capital Cost for Budgeted Years (Proposed)



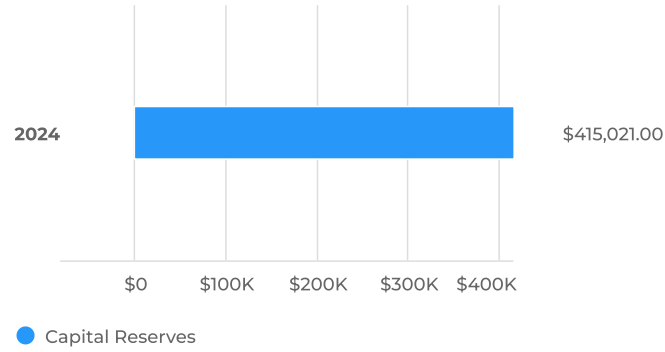
Capital Cost Breakdown

Capital Cost	To Date	FY2024	Total
Construction	\$59,459	\$415,021	\$474,480
Total	\$59,459	\$415,021	\$474,480

Funding Sources

Total To Date	FY2024 Budget	Total Budget (all years)	Project Total
\$59,459	\$415,021	\$415.021K	\$474.48K

Funding Sources by Year (Proposed)



Funding Sources for Budgeted Years (Proposed)



Funding Sources Breakdown			
Funding Sources	To Date	FY2024	Total
Capital Reserves	\$59,459	\$415,021	\$474,480
Total	\$59,459	\$415,021	\$474,480

This requests information is generated from , Proposed Version.

Schools - Seaforth High School

Overview

Request Owner	Will Curvin, Budget & Management Analyst
Department	CHATHAM COUNTY SCHOOLS
Type	Capital Improvement
Project Number	3657911

Description

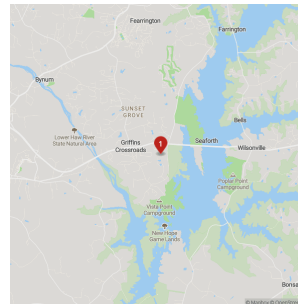
Construct a new 209,000-square-foot high school in the northeast quadrant of the county to open August of 2021 to address overcrowding and provide for the expected growth in the high school student population. The new high school will be built to accommodate up to 1,200 students initially, with the core capacity sized to accommodate 1,400 students.

Details

Type of Project	New Construction
Fund	General Fund
Project Status (New/Existing)	Substantially Complete

Location

Address: 444 Seaforth Road



Defined Problem

The building of new schools is a complex process. An important step in the process is the determination of location, size, and timing (i.e., when does the projected enrollment necessitate a new school). To that end, Chatham County Schools has continued its long-standing relationship with the Operations Research/Education Laboratory of North Carolina State University (OR/Ed) to assist in making fiscally responsible, timely, and appropriate decisions. OR/Ed consultants have conducted interviews with planning and permitting personnel, verifying and updating (as necessary) growth projection and optimization scenarios. In 2007, a study conducted by OR/Ed determined that Northwood and Jordan-Matthews had reached their brick and mortar capacities. This study recommended that a new high school be constructed in the northeast part of the county to alleviate overcrowding. Since 2007, additions have been added to both schools to meet this growth. At Jordan-Matthews, a new cafeteria was added, the existing cafeteria was renovated to create additional classroom space, and additional classroom modular units were placed on the campus. At Northwood, an eight-classroom modular building and a new Fine Arts wing were added as well. Between 2007 and 2011, population growth in Chatham slowed, and construction of a new high school was pushed back in order to ensure that completion of the school would be accompanied by the necessary student population. One of the main goals was to make sure programming was not diminished at Northwood High School.

Recommended Solution

Construct a new high school in the northeast quadrant of the county to open August of 2021 to address overcrowding and provide for the expected growth in the high school student population. The new high school will be built to accommodate up to 1,200 students initially, with the core capacity sized to accommodate an additional 200 students.

Alternatives

1) Build an addition to Northwood to expand the brick and mortar capacity to 1,500 students to provide a temporary solution to the need for an additional high school. However, based on OR/Ed projections, even with an expansion, Northwood could exceed the expanded capacity in less than ten years. 2) Redistrict the entire district at the high school level to make use of empty seats in the western part of the county. Note that this will negatively impact transportation-related issues (length of ride, efficiency ratings, etc.). 3) Do nothing and continue adding modular units to Northwood.

Current Stage of Project

Seaforth High School opened for students at the beginning of the 2021-2022 academic year. Construction is substantially complete with outstanding punch list items remaining. Some FF&E deliveries have been delayed due to COVID-19 but are expected to be complete by June of 2022.

Description of Land Needs

An appropriately located 75-acre site has been identified and approved by the Board of Education as its preferred location for the new high school. Due diligence work (i.e., traffic study, soil borings, environmental assessments, etc.) is underway and is expected to be concluded by December 2016.

Professional Design

Detailed architectural drawings and construction management will be needed.

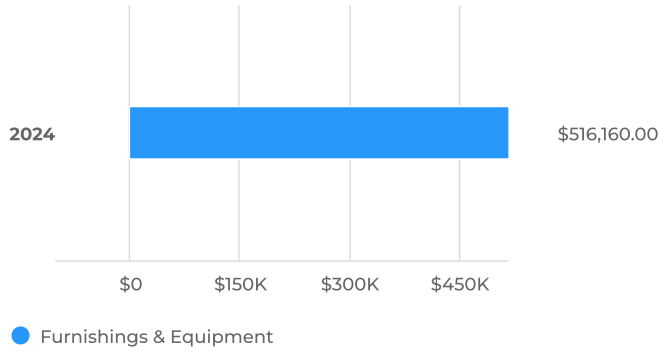
Operating Impact

Additional funds will be needed for utilities, maintenance, and locally funded personnel.

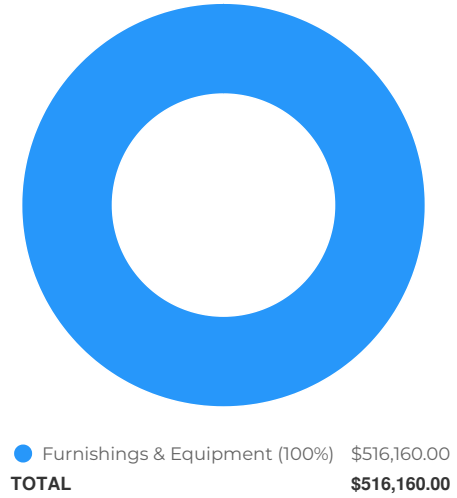
Capital Cost

Total To Date	FY2024 Budget	Total Budget (all years)	Project Total
\$86,364,871	\$516,160	\$516.16K	\$86.881M

Capital Cost by Year (Proposed)



Capital Cost for Budgeted Years (Proposed)

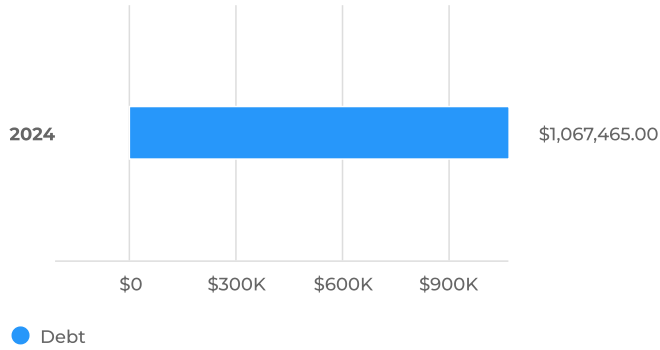


Capital Cost Breakdown			
Capital Cost	To Date	FY2024	Total
Construction	\$69,789,283		\$69,789,283
Other Contracted Services	\$846,957		\$846,957
Land	\$1,409,472		\$1,409,472
Financing Costs	\$139,336		\$139,336
Design, Engineering & Construction Administration	\$4,731,026		\$4,731,026
Furnishings & Equipment	\$4,771,605	\$516,160	\$5,287,765
Transfer Out	\$4,677,192		\$4,677,192
Total	\$86,364,871	\$516,160	\$86,881,031

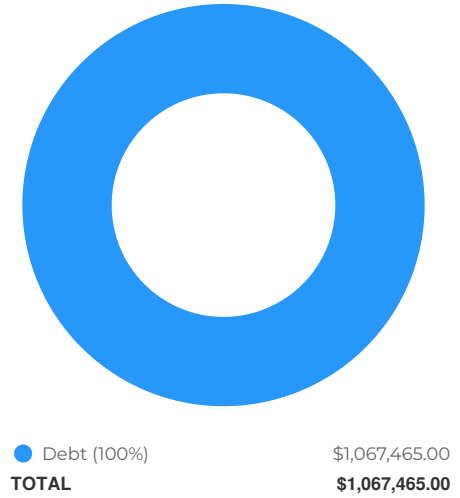
Funding Sources

Total To Date	FY2024 Budget	Total Budget (all years)	Project Total
\$85,813,566	\$1,067,465	\$1.067M	\$86.881M

Funding Sources by Year (Proposed)



Funding Sources for Budgeted Years (Proposed)

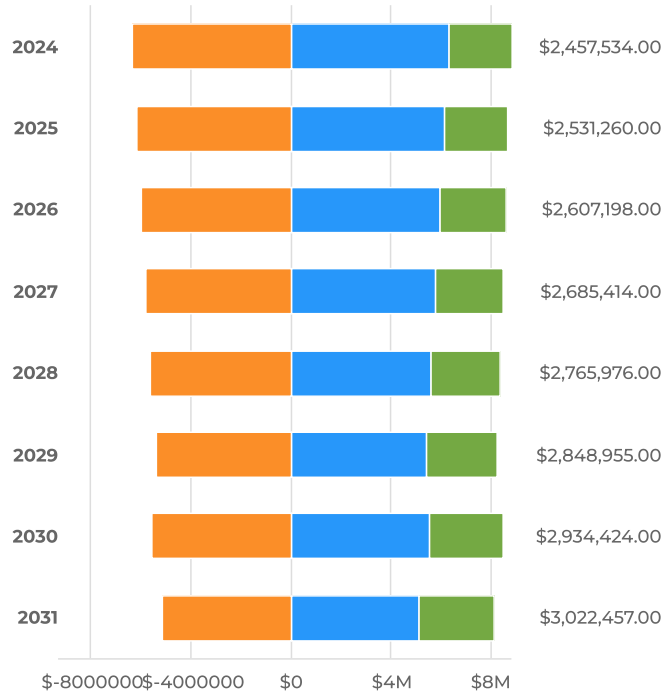


Funding Sources Breakdown			
Funding Sources	To Date	FY2024	Total
Debt	\$76,930,272	\$1,067,465	\$77,997,737
DOT Reimbursement	\$289,530		\$289,530
Interest	\$3,916,572		\$3,916,572
Transfer from Debt Reserve	\$4,677,192		\$4,677,192
Total	\$85,813,566	\$1,067,465	\$86,881,031

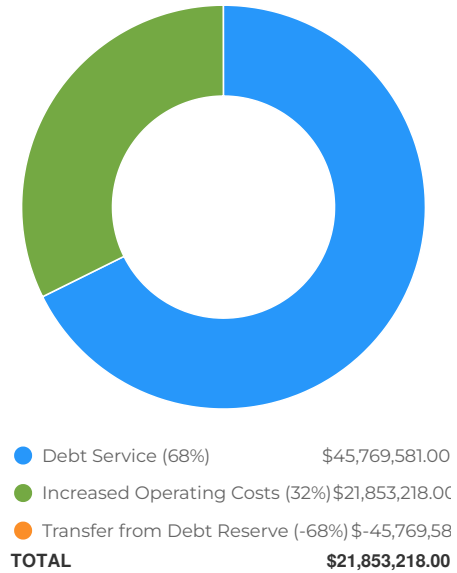
Operational Costs

Total To Date **\$4,702,416** FY2024 Budget **\$2,457,534** Total Budget (all years) **\$21.853M** Project Total **\$26.556M**

Operational Costs by Year (Proposed)



Operational Costs for Budgeted Years (Proposed)



- Debt Service
- Increased Operating Costs
- Transfer from Debt Reserve

Operational Costs Breakdown

Operational Costs	To Date	FY2024	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030
Debt Service	\$13,093,794	\$6,300,914	\$6,111,510	\$5,960,230	\$5,770,824	\$5,581,420	\$5,388,964	\$5,550,610
Increased Operating Costs	\$4,702,416	\$2,457,534	\$2,531,260	\$2,607,198	\$2,685,414	\$2,765,976	\$2,848,955	\$2,934,424
Transfer from Debt Reserve	-\$13,093,794	-\$6,300,914	-\$6,111,510	-\$5,960,230	-\$5,770,824	-\$5,581,420	-\$5,388,964	-\$5,550,610
Total	\$4,702,416	\$2,457,534	\$2,531,260	\$2,607,198	\$2,685,414	\$2,765,976	\$2,848,955	\$2,934,424

This requests information is generated from , Proposed Version.

Schools - Wastewater Replacement at Silk Hope School

Overview

Request Owner	Will Curvin, Budget & Management Analyst
Department	CHATHAM COUNTY SCHOOLS
Type	Capital Improvement

Description

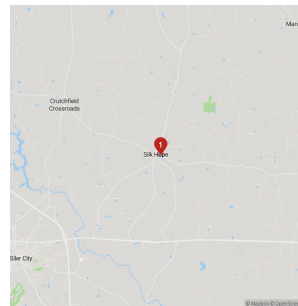
Replace wastewater system at Silk Hope Elementary School.

Details

Type of Project	New Construction
Fund	General Fund
Project Status (New/Existing)	Approved - No Contracts

Location

Address: 7945 Silk Hope Gum Spring Road



Defined Problem

The two main parts of the current Silk Hope School wastewater system are located approximately .5 miles apart, and one part is on privately-owned land. This arrangement was agreed upon several years ago without any easements being put in place. Two years ago, North Carolina Department of Environmental Quality (NCDEQ) made establishing this easement a part of the licensing renewal process. Due to the private landowner's past relationship with NCDEQ, finalizing this easement has proven to be difficult to achieve.

Recommended Solution

Discussion is underway to explore the possibility of connection to a municipal system.

Alternatives

- 1) Install a wastewater "drip" system located entirely on school property. Although an on-site "drip" system will eliminate the need for additional property, it will limit future growth due to soil conditions and amount of property.
- 2) Explore the possibility of connection to a municipal system. Connecting the school to a municipal system would eliminate the need for additional property not owned by CCS and allow for future expansion.
- 3) Explore the possibility of purchasing additional land.
- 4) Do nothing and continue using the current outdated and less efficient system that is located partly on school property and partly on privately owned property.

Current Stage of Project

Feasibility studies have been completed to assess alternatives. The district is currently pursuing the possibility of purchasing additional property to allow the construction of a new wastewater system.

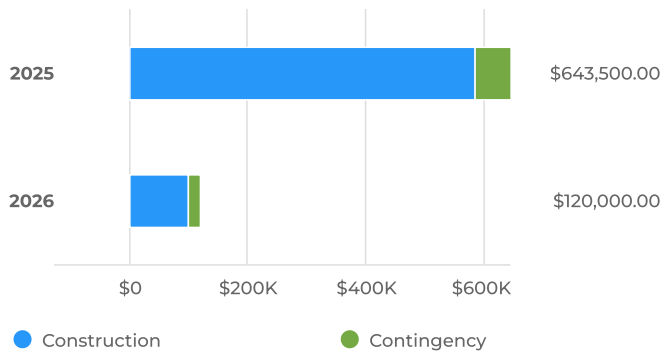
Professional Design

Engineering services will be needed.

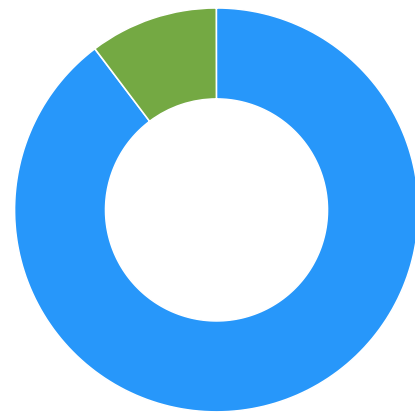
Capital Cost

Total Budget (all years) **\$763.5K** Project Total **\$763.5K**

Capital Cost by Year (Proposed)



Capital Cost for Budgeted Years (Proposed)



● Construction (90%) \$685,000.00
● Contingency (10%) \$78,500.00
TOTAL **\$763,500.00**

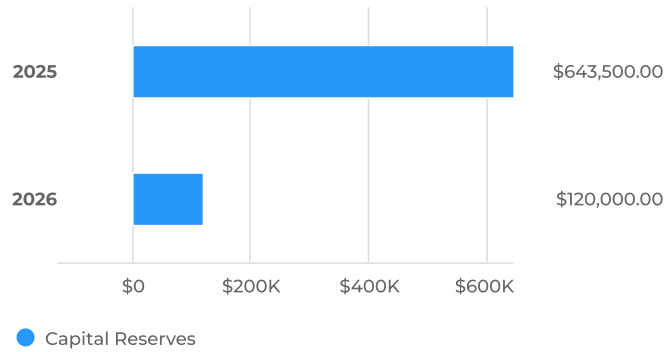
Capital Cost Breakdown				
Capital Cost	To Date	FY2025	FY2026	Total
Construction	\$0	\$585,000	\$100,000	\$685,000
Contingency	\$0	\$58,500	\$20,000	\$78,500
Total	\$0	\$643,500	\$120,000	\$763,500

Funding Sources

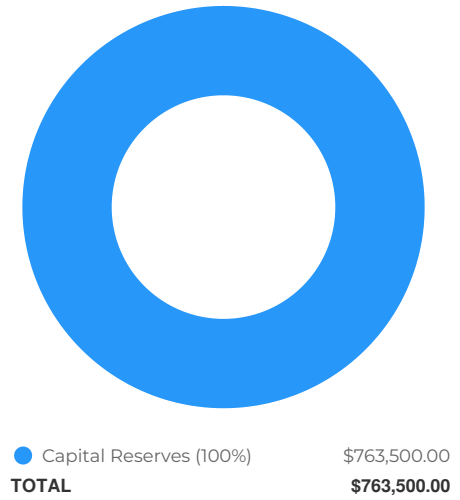
Total Budget (all years)
\$763.5K

Project Total
\$763.5K

Funding Sources by Year (Proposed)



Funding Sources for Budgeted Years (Proposed)

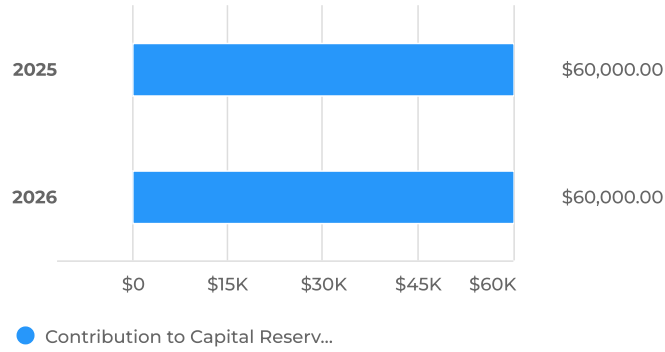


Funding Sources Breakdown				
Funding Sources	To Date	FY2025	FY2026	Total
Capital Reserves	\$0	\$643,500	\$120,000	\$763,500
Total	\$0	\$643,500	\$120,000	\$763,500

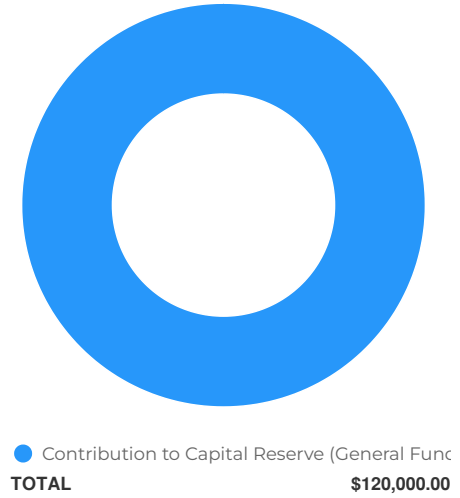
Operational Costs

Total To Date **\$643,500** Total Budget (all years) **\$120K** Project Total **\$763.5K**

Operational Costs by Year (Proposed)



Operational Costs for Budgeted Years (Proposed)



Operational Costs Breakdown				
Operational Costs	To Date	FY2025	FY2026	Total
Contribution to Capital Reserve (General Fund)	\$643,500	\$60,000	\$60,000	\$763,500
Total	\$643,500	\$60,000	\$60,000	\$763,500

EMERGENCY COMMUNICATIONS REQUESTS

This requests information is generated from , Proposed Version.

Emergency Communications - Radio System Upgrade

Overview

Request Owner	Mike Reitz
Department	EMERGENCY COMMUNICATIONS
Type	Capital Improvement
Project Number	3612914

Description

Replace current emergency radio system infrastructure with a reliable and industry standard P25 radio system.

Details

Type of Project	New Construction
Fund	General Fund
Project Status (New/Existing)	Approved - Contracts Let

Defined Problem

The existing VHF/UHF radio system used by county public safety agencies is approximately 30 years old. The system has been maintained by replacing and upgrading equipment as needed, but rapidly increasing communication demands and technology advancements have rendered the system obsolete. The county currently has seven different tower sites which transmit and/or receive communications to fire, emergency medical services, and law enforcement. The current radio system does not cover the entire county. Interoperability with surrounding counties and/or agencies is limited or non-existent due to disparate radio systems. The current radio system poses a serious safety risk for responders and citizens.

Recommended Solution

Upgrade the current system to a P25 700/800 MHz radio system and connect to the NC VIPER radio system. Eliminate four of the current tower sites that are outdated and not at a location that will permit the countywide coverage that is needed. Build three new tower sites and share the new VIPER tower that the state is constructing in Pittsboro.

Alternatives

Make no changes, which is a serious risk to the life and safety of responders and citizens.

Current Stage of Project

A contract with Motorola was signed June 2019, and a project manager has been assigned. Work started on the architectural, engineering and site survey for each tower site. The permitting process began in July of 2020 and is expected to be complete by November of 2020. Construction began September 2020 and is expected to be complete in 2021. Training for all responders has begun and will continue until everyone is trained. Installation of radios began September 2020 and will continue until all radios have been installed. As of September 2021, five new towers have been constructed. The final tower

site was planned to be located on county-owned property that houses the Governor’s Club water tower. This site was chosen because it provides the best elevation on county-owned land in the northeast section of the county. The required height and location of this tower was not approved by the property owners association. As a result, county staff are pursuing an alternate location, but this will increase the cost of the project by approximately \$650,000 and delay completion. Portable and mobile radios continue to be distributed. Go-live date for the system will be pushed to Summer 2022.

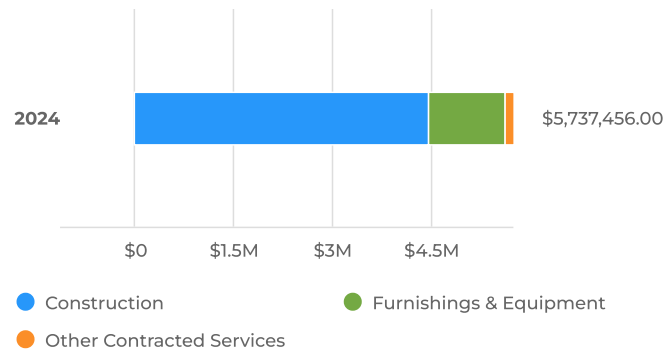
Description of Land Needs

The county owns property for three (3) tower sites. We would collocate with the state at one (1) tower site and collaborate with two fire departments for the two (2) remaining tower sites.

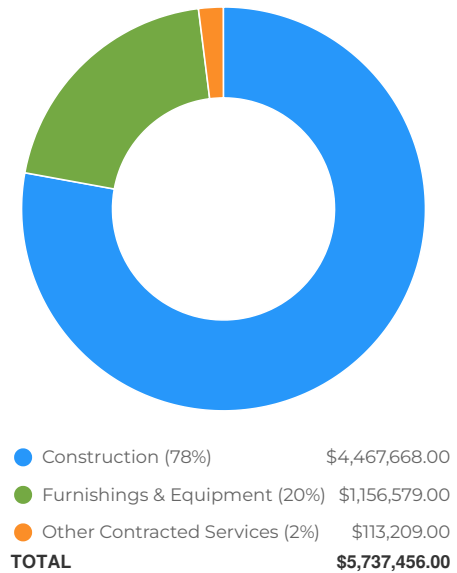
Capital Cost

Total To Date	FY2024 Budget	Total Budget (all years)	Project Total
\$14,227,780	\$5,737,456	\$5.737M	\$19.965M

Capital Cost by Year (Proposed)



Capital Cost for Budgeted Years (Proposed)

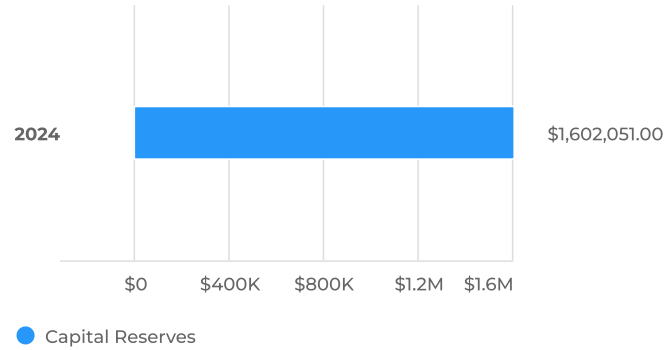


Capital Cost Breakdown			
Capital Cost	To Date	FY2024	Total
Construction	\$219,876	\$4,467,668	\$4,687,544
Other Contracted Services	\$51,791	\$113,209	\$165,000
Financing Costs	\$57,296		\$57,296
Design, Engineering & Construction Administration	\$3,347,221		\$3,347,221
Furnishings & Equipment	\$10,551,596	\$1,156,579	\$11,708,175
Total	\$14,227,780	\$5,737,456	\$19,965,236

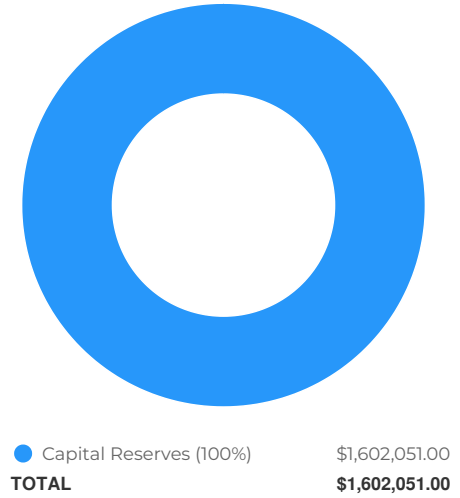
Funding Sources

Total To Date	FY2024 Budget	Total Budget (all years)	Project Total
\$18,363,185	\$1,602,051	\$1.602M	\$19.965M

Funding Sources by Year (Proposed)



Funding Sources for Budgeted Years (Proposed)

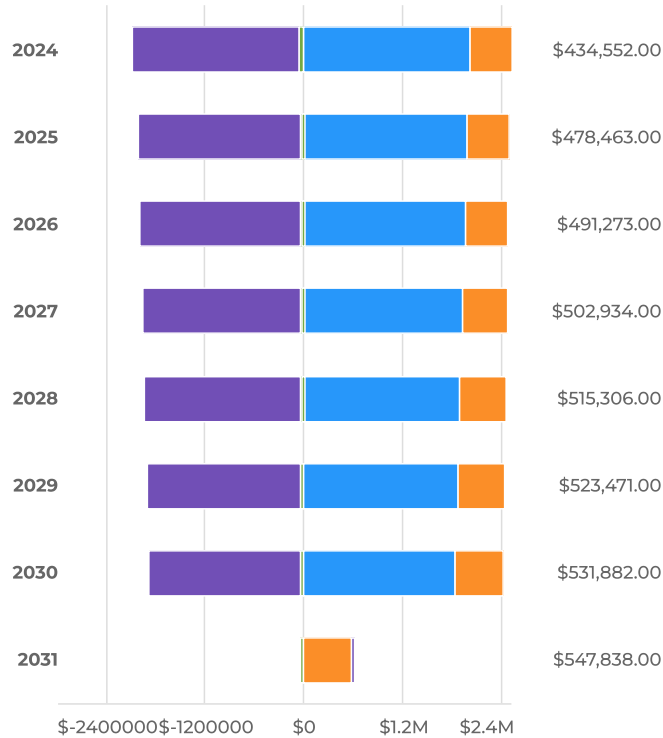


Funding Sources Breakdown			
Funding Sources	To Date	FY2024	Total
Capital Reserves		\$1,602,051	\$1,602,051
Debt	\$18,151,334		\$18,151,334
Interest	\$211,851		\$211,851
Total	\$18,363,185	\$1,602,051	\$19,965,236

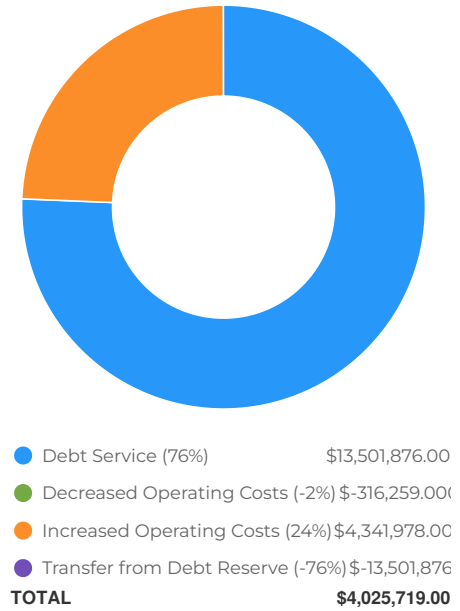
Operational Costs

Total To Date **\$2,573,264** FY2024 Budget **\$434,552** Total Budget (all years) **\$4.026M** Project Total **\$6.599M**

Operational Costs by Year (Proposed)



Operational Costs for Budgeted Years (Proposed)



- Debt Service
- Decreased Operating Costs
- Increased Operating Costs
- Transfer from Debt Reserve

Operational Costs Breakdown

Operational Costs	To Date	FY2024	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030
Contribution to Capital Reserve (General Fund)	\$1,813,902							
Debt Service	\$4,113,582	\$2,014,140	\$1,985,707	\$1,957,273	\$1,928,839	\$1,900,406	\$1,871,972	\$1,843,539
Decreased Operating Costs	-\$120,272	-\$63,356	-\$32,823	-\$34,024	-\$35,044	-\$36,096	-\$37,179	-\$38,294
Increased Operating Costs	\$879,634	\$497,908	\$511,286	\$525,297	\$537,978	\$551,402	\$560,650	\$570,176
Transfer from Debt Reserve	-\$4,113,582	-\$2,014,140	-\$1,985,707	-\$1,957,273	-\$1,928,839	-\$1,900,406	-\$1,871,972	-\$1,843,539

Operational Costs	To Date	FY2024	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030
Total	\$2,573,264	\$434,552	\$478,463	\$491,273	\$502,934	\$515,306	\$523,471	\$531,882

FACILITIES MANAGEMENT REQUESTS

This requests information is generated from , Proposed Version.

County Buildings - Agriculture & Conference Center Phase II

Overview

Request Owner	Carolyn Miller, Assistant County Manager
Department	FACILITIES MANAGEMENT
Type	Capital Improvement

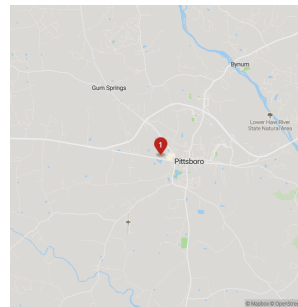
Description

Begin phase 2 development of Agriculture and Conference Center site to include: covering the arena, additional arena seating, arena amenities such as an announcer stand and bathrooms, and a covered space capable of supporting RV hookups, farmer's market, outdoor education, and outdoor event space.

Details

Type of Project	New Construction
Fund	General Fund
Project Status (New/Existing)	Approved - No Contracts

Location



Defined Problem

Plan Chatham, the county's adopted comprehensive plan for the next 25 years, includes goals to preserve the rural character and lifestyle of Chatham County and to preserve, protect, and enable agriculture and forestry. Chatham County has limited venues where the county's agricultural products can be exhibited or utilized as teaching tools for both producers and the public at large. The projected growth of the county and the importance that agriculture plays in our local economy and way of life, make it important to have facilities in place to educate the public and producers. This education will enhance agricultural literacy and our county's agricultural impacts. The multipurpose nature of these facilities will facilitate their utilization by other county departments and the local public school system as well. These facilities will also serve as revenue-generating venues by outside/private entities that would have to travel to Raleigh, NC to find similar venue spaces.

Recommended Solution

Recommend moving forward with plans to develop phase 2a of the Agriculture and Conference Center site.

Alternatives

Alternative #1: Full enclosing of the arena, but estimated cost on that is far higher (est. \$15M).

Alternative #2 : Non-solarization, non-RV hook-up capability of outdoor covered pavilion area.

Alternative #3 : Do nothing at this time. This would make it impossible to increase the number and types of offerings at the Agriculture & Conference Center.

Description of Land Needs

Adequate acreage currently held by the county is available to house the construction of new facility on the grounds of the CCACC.

Professional Design

Architectural, design, and construction services may be needed in the future.

Operating Impact

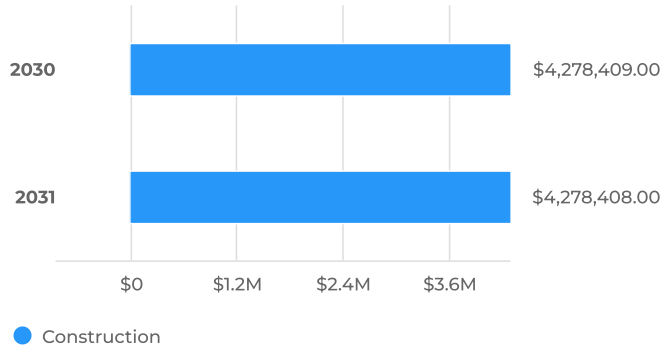
Additional funding would be needed for operational expenses; however, many of these expenses would be related to revenue-generating events and programmatic efforts.

Capital Cost

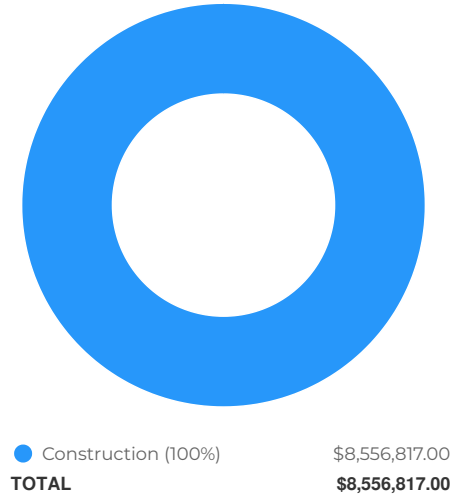
Total Budget (all years)
\$8.557M

Project Total
\$8.557M

Capital Cost by Year (Proposed)



Capital Cost for Budgeted Years (Proposed)



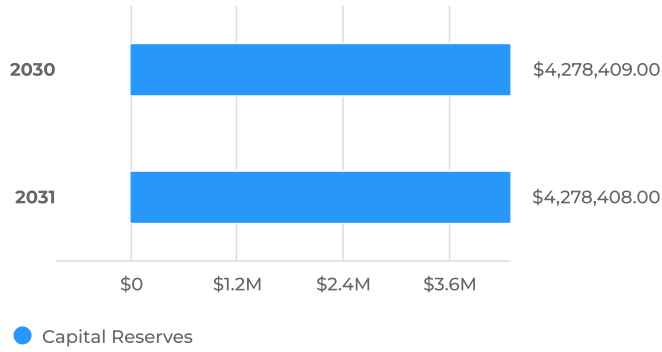
Capital Cost Breakdown			
Capital Cost	FY2030	FY2031	Total
Construction	\$4,278,409	\$4,278,408	\$8,556,817
Total	\$4,278,409	\$4,278,408	\$8,556,817

Funding Sources

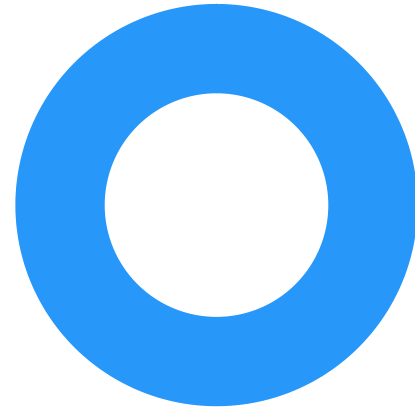
Total Budget (all years)
\$8.557M

Project Total
\$8.557M

Funding Sources by Year (Proposed)



Funding Sources for Budgeted Years (Proposed)



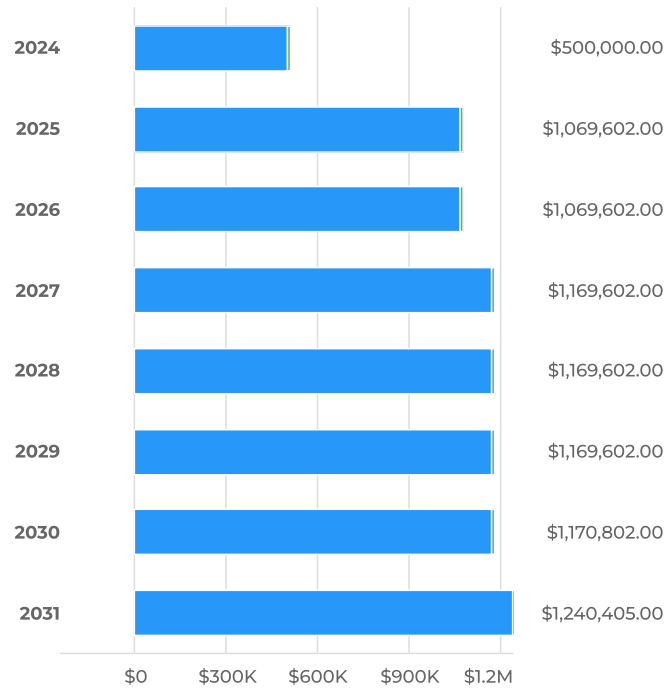
● Capital Reserves (100%) \$8,556,817.00
TOTAL **\$8,556,817.00**

Funding Sources Breakdown			
Funding Sources	FY2030	FY2031	Total
Capital Reserves	\$4,278,409	\$4,278,408	\$8,556,817
Total	\$4,278,409	\$4,278,408	\$8,556,817

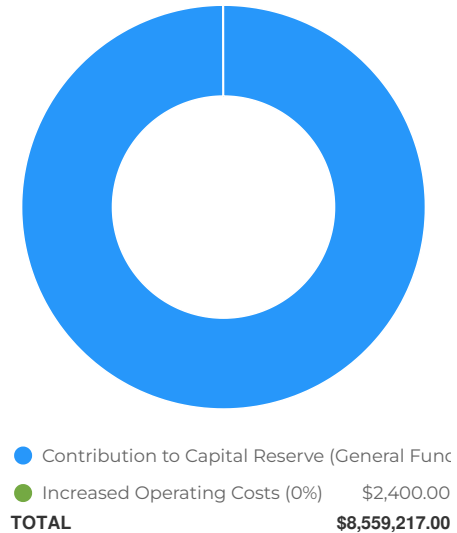
Operational Costs

FY2024 Budget **\$500,000** Total Budget (all years) **\$8.559M** Project Total **\$8.559M**

Operational Costs by Year (Proposed)



Operational Costs for Budgeted Years (Proposed)



● Contribution to Capital Reserv... ● Increased Operating Costs

Operational Costs Breakdown

Operational Costs	FY2024	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	FY2031	Total
Contribution to Capital Reserve (General Fund)	\$500,000	\$1,069,602	\$1,069,602	\$1,169,602	\$1,169,602	\$1,169,602	\$1,169,602	\$1,239,205	\$8,559,217
Increased Operating Costs							\$1,200	\$1,200	\$2,400
Total	\$500,000	\$1,069,602	\$1,069,602	\$1,169,602	\$1,169,602	\$1,169,602	\$1,170,802	\$1,240,405	\$8,559,217

This requests information is generated from , Proposed Version.

County Buildings - Central Carolina Business Campus

Overview

Request Owner	Brian Stevens
Department	FACILITIES MANAGEMENT
Type	Capital Improvement
Project Number	5736312

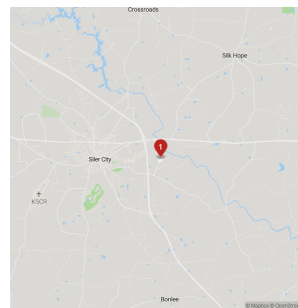
Description

Construct the infrastructure for Chatham County's 458-acre Business Campus in Siler City, including construction of roadways, water lines, sewer lines, and sewer pump stations.

Details

Type of Project	New Construction
Fund	General Fund
Project Status (New/Existing)	Substantially Complete

Location



Defined Problem

Lack of property served by adequate infrastructure is a challenge for economic development. In 2000, Chatham County purchased property for a business campus in Siler City. At the time it was purchased, the property was located just outside the town limits of Siler City. The town has since annexed it and is providing water and sewer through infrastructure built by the county. In addition, the county has also provided roads to ensure easy access for potential development. Three entities are now located within the campus: Chatham Hospital, the Chatham Youth Development Center and Central Carolina Community College.

Recommended Solution

The project is substantially complete.

Current Stage of Project

The business park was substantially complete in November 2009. Many of the engineering design and construction administration problems are in the process of being resolved. All needed additional easements for the bridge and roadway and dedication of the additional right-of-way requested by NC Department of Transportation (NCDOT) have been obtained, except for two properties. Remaining issues include the DOT requirement for the county to post a ten-year bond for future maintenance of the culverts. Negotiations with the landowner for placement of a sign are in progress. Design and cost estimates for the sign are complete. Once negotiations for the sign easement are complete, the approval process will begin. Replacement of a temporary sign was negotiated with the landowner, and that sign is now in place. Because of engineering

design and construction administration problems, additional easements and rights-of-way must be obtained for NCDOT to accept and maintain roads; plats have been recorded for easements and rights-of-way obtained to date. Once the final two properties are resolved, a final plat that satisfies NCDOT will be executed and recorded. DOT has executed the maintenance agreement. The County has initiated a contract to clear the right of way (ROW) in preparation for transferring the maintenance of the roads and ROW to DOT. DOT has completed a punch list for repairs needed before they will take ownership of the road. This punch list includes overlay of the entire length of Progress Blvd and full depth repair of the intersections of Progress Blvd with both Campus Drive and Technology Way. Additionally, the routine inspections of the bridge over Loves Creek identified required repairs, and DOT requires installation of a traffic signal at Progress Blvd and Highway 64. The traffic signal project is complete. The work was accepted by NCDOT on February 9, 2021. A new engineering firm is lined up to take over the project. Once a contract has been established, they will assist the county with further assessment and meetings with DOT to develop a scope of work that will meet DOT's requirements to take over maintenance of Progress Blvd. An independent inspector is reviewing the bridge and culverts to provide an assessment of potential repairs and the associated cost.

Relation to Other Projects

The Central Carolina Community College job training center is complete.

Professional Design

Possible Engineering design work and construction management may still be needed.

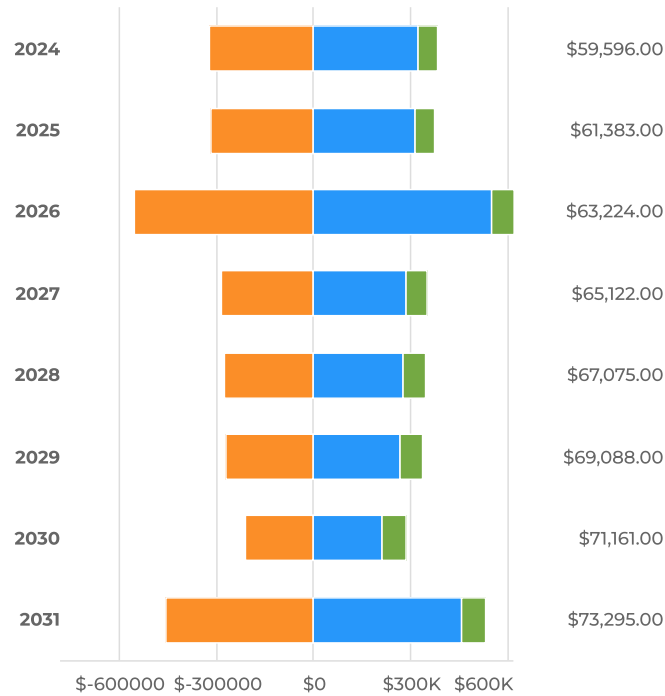
Operating Impact

Funds are needed for bonds, grounds maintenance and electricity. As tax-paying entities locate in the business campus, the county would see an increase in property and sales tax revenues.

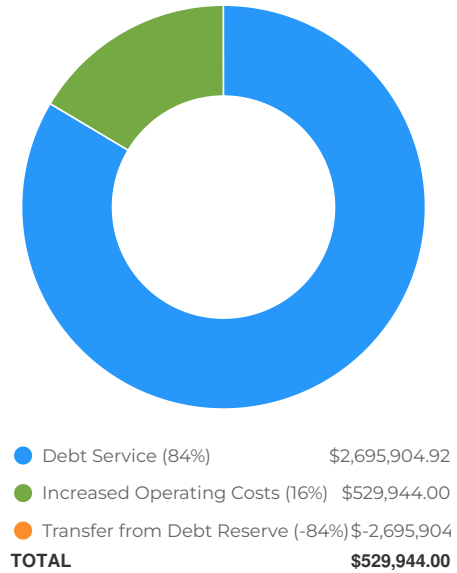
Operational Costs

Total To Date **\$1,322,566** FY2024 Budget **\$59,596** Total Budget (all years) **\$529.944K** Project Total **\$1.853M**

Operational Costs by Year (Proposed)



Operational Costs for Budgeted Years (Proposed)



- Debt Service
- Increased Operating Costs
- Transfer from Debt Reserve

Operational Costs Breakdown

Operational Costs	To Date	FY2024	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	FY2031
Contribution to Capital Reserve (General Fund)	\$1,208,532								
Debt Service	\$11,973,312	\$323,922	\$315,304	\$552,676	\$286,150	\$277,753	\$269,355	\$212,853	\$457,895
Increased Operating Costs	\$114,034	\$59,596	\$61,383	\$63,224	\$65,122	\$67,075	\$69,088	\$71,161	\$73,295
Transfer from Debt Reserve	-\$11,973,312	-\$323,922	-\$315,304	-\$552,676	-\$286,150	-\$277,753	-\$269,355	-\$212,853	-\$457,895
Total	\$1,322,566	\$59,596	\$61,383	\$63,224	\$65,122	\$67,075	\$69,088	\$71,161	\$73,295

This requests information is generated from , Proposed Version.

County Buildings - Emergency Operations Center Expansion

Overview

Request Owner	Steve Newton
Department	FACILITIES MANAGEMENT
Type	Capital Improvement
Project Number	3612915

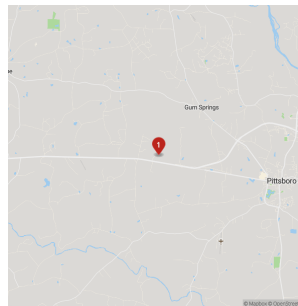
Description

Expand the Emergency Operations Center so the Communications Division can expand.

Details

Type of Project	New Construction
Fund	General Fund
Project Status (New/Existing)	Substantially Complete

Location



Defined Problem

The existing Emergency Operations Center (EOC) houses the EOC meeting room where decision makers gather during disasters to make informed decisions on response and recovery efforts. It also houses the Chatham County Public Safety Answering Point (PSAP), better known as the 911 Communications Center. The EOC was completed and occupied in 1994. The communications room was built to hold four telecommunicator consoles and associated telephone and radio equipment. In the past few years, the number of consoles has increased to six, with one of those being placed in the corner of the EOC meeting room because the communications room is full. If existing estimates for population growth in Chatham County are fulfilled, the Communications Division will need to hire more full-time telecommunicators. This will require more consoles and associated equipment. Since the communications room is currently filled to capacity, there is no room for this needed expansion.

Recommended Solution

Design and build a new Emergency Operations Center / 9-1-1 Communications Center on land purchased by the County.

Alternatives

Option 1: Do nothing. Continue to place the consoles in the EOC portion of the building. This would reduce the space in the EOC, which is already too small and is filled to capacity during activations.

Option 2: Expand the current Emergency Operations Center, either by constructing a second-floor addition or building out from the building. The EOC was originally intended to allow a second story, but current building codes would need to be evaluated to determine if a second floor or a build out is feasible.

Option 3: The current backup center in Siler City could be used to expand communications. Smaller consoles would have to be used, so this solution would not allow the backup center to mirror the primary center.

Option 4: Build an entirely new Emergency Operations/Communications Center at undetermined location.

Current Stage of Project

A feasibility study was completed in June 2019. The study determined space needs, defined alternatives, and finalized costs. The project was accelerated to be included in the same time frame as the radio replacement project. This will maximize the effectiveness and efficiency of both projects. A firm was selected in August 2019 to perform design and land planning services for the construction of a new EOC on land purchased by the County. A firm was selected in June 2020 to serve as the construction manager for the project. An early site package that included grading and road construction is nearly complete. A Notice to Proceed was issued by the County in July 2021 for the full project and permits were issued in October 2021. The building construction was completed, and furniture installed in March 2023. Emergency Management and Emergency Communications administrative staff moved into the space in May, and the 911 center was brought online in September. The new co-located radio tower, a separate but related project, has been constructed on the site.

Relation to Other Projects

This project is related to the Emergency Communications Radio Upgrade project. Both projects require debt to be funded. Upgrading the radio system will require changes to the Emergency Operations Center that should be completed at the same time to maximize the capacity for borrowing and to provide synchrony between the two projects. There is also the opportunity to align this project with the initiative to develop solar photovoltaic systems for onsite energy generation at County buildings.

Professional Design

An architectural design feasibility study, and further architectural, design, and construction services would be needed.

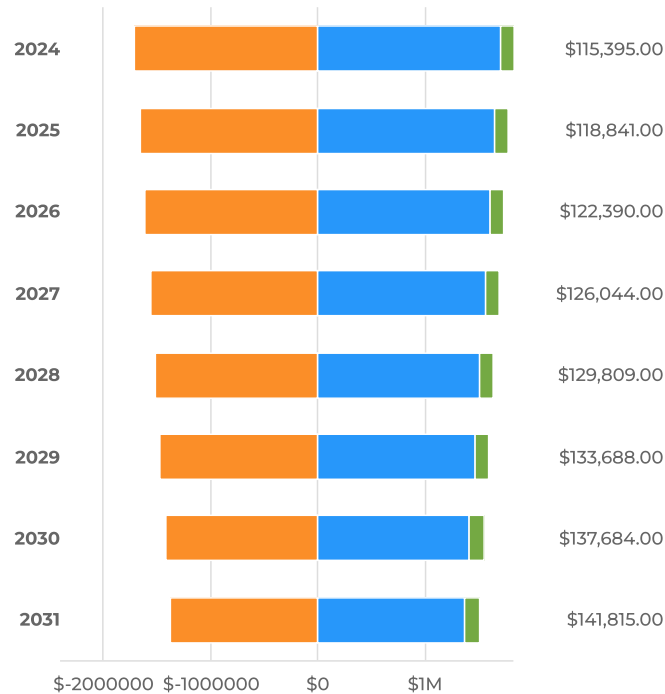
Operating Impact

Additional funds will be needed for utilities, technical equipment and building maintenance.

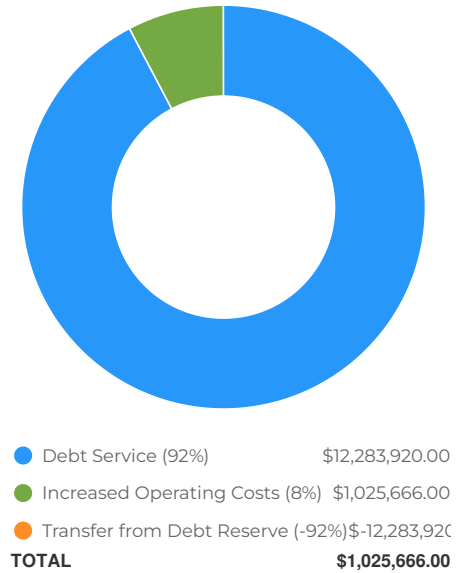
Operational Costs

Total To Date **\$375,712** FY2024 Budget **\$115,395** Total Budget (all years) **\$1.026M** Project Total **\$1.401M**

Operational Costs by Year (Proposed)



Operational Costs for Budgeted Years (Proposed)



- Debt Service
- Increased Operating Costs
- Transfer from Debt Reserve

Operational Costs Breakdown

Operational Costs	To Date	FY2024	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030
Debt Service	\$2,199,791	\$1,701,390	\$1,653,990	\$1,606,590	\$1,559,190	\$1,511,790	\$1,464,390	\$1,416,990
Increased Operating Costs	\$375,712	\$115,395	\$118,841	\$122,390	\$126,044	\$129,809	\$133,688	\$137,684
Transfer from Debt Reserve	-\$2,199,791	-\$1,701,390	-\$1,653,990	-\$1,606,590	-\$1,559,190	-\$1,511,790	-\$1,464,390	-\$1,416,990
Total	\$375,712	\$115,395	\$118,841	\$122,390	\$126,044	\$129,809	\$133,688	\$137,684

This requests information is generated from , Proposed Version.

County Buildings - Joint Public Safety Facility - Siler City

Overview

Request Owner	Mike Reitz
Department	FACILITIES MANAGEMENT
Type	Capital Improvement

Description

Construct a new joint public safety facility in Siler City co-locating personnel, equipment and/or vehicles from EMS, Emergency Communications, MIS, Emergency Management, Sheriff's Office and other departments or stakeholders as needed. Space would be planned for future growth, allowing additional vehicles and personnel to be added as needed.

Images



Current Backup EOC



Current Backup EOC



Current EMS Base in Siler City

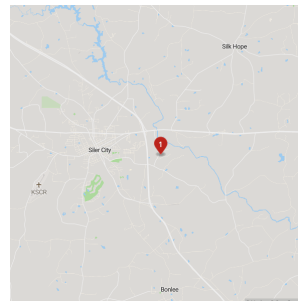


Current EMS Base in Siler City

Details

Type of Project	New Construction
Fund	General Fund
Project Status (New/Existing)	New

Location



Defined Problem

Problem 1: The current EMS base in Siler City is outdated and no longer adequate for EMS operations. The building was originally constructed in 1937 and the county purchased it in 1996. There is a separate building (garage) that allows for parking of 2 ambulances; one of the bays was the former location of the county morgue.

Problem 2: The current backup 9-1-1 facility (backup EOC) is outdated and does not meet current construction and security standards for a 9-1-1 center. The building was constructed as a church in 1989 and purchased by the county in 2012. The building has had some challenges through the years due to previous construction standards and ongoing maintenance issues.

Problem 3: MIS uses the backup EOC as a location for hardware and network needs, but the facility is outdated and does not meet current construction and security standards for a data center.

Problem 4: Emergency Management (EM) had an alternate EOC located at the backup EOC. However, when Communications expanded the number of dispatch consoles, the EM space was used for the expansion. EM also stores equipment at the backup EOC in the parking lot, but the location is not ideal for security reasons.

Problem 5: The Sheriff's Office currently leases office space for staff on the western side of the county.

Recommended Solution

Construct a new facility on county owned property adjacent to Chatham Hospital. This would be a joint facility co-locating personnel, equipment and/or vehicles from EMS, Emergency Communications, MIS, Emergency Management, Sheriff's Office and other departments or stakeholders as needed. Space would be planned for future growth, allowing additional vehicles and personnel to be added as needed.

Alternatives

Option 1: Do nothing and the current facilities continue to age and have increased maintenance costs with no room for growth and do not conform to the latest building standards for the operational needs of the departments.

Option 2: Build separate facilities for EMS, EM, MIS, Sheriff's Office, Emergency Communications at increased costs for multiple buildings and land.

Option 3: Find an existing building to accommodate the needs either separately or co-locate each agency/department mentioned above.

Relation to Other Projects

There is a relation to a current project, County Fiber Extension to Siler City, and this proposed facility would still be able to connect to that fiber extension.

Description of Land Needs

None needed. This project would use existing land owned by the county.

Professional Design

Design, engineering, and construction services will be needed.

Operating Impact

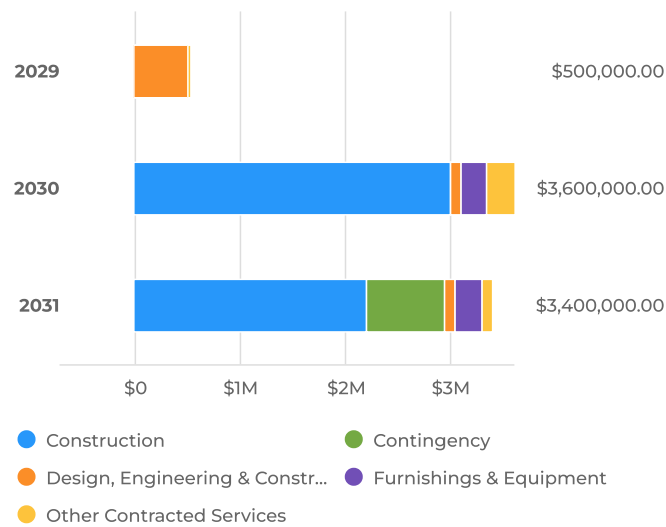
Minimal operating impact due to the consolidation of existing county buildings or lease spaces and the cost savings achieved.

Capital Cost

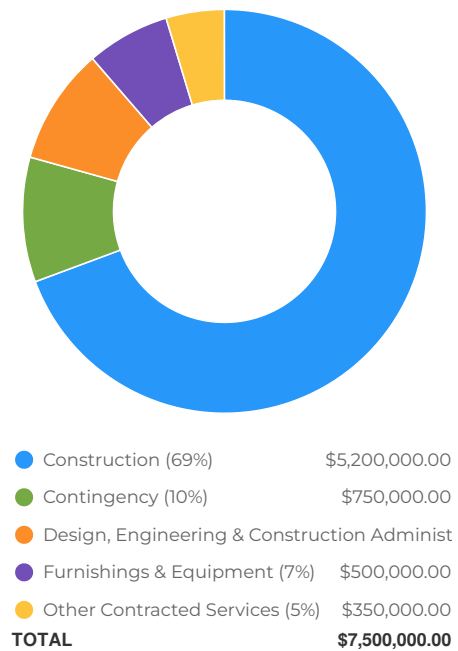
Total Budget (all years)
\$7.5M

Project Total
\$7.5M

Capital Cost by Year (Proposed)



Capital Cost for Budgeted Years (Proposed)



Capital Cost Breakdown

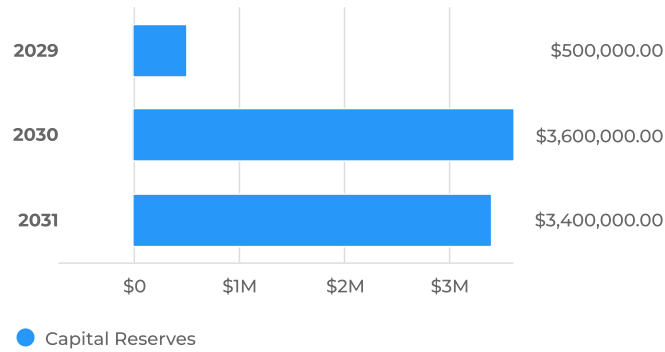
Capital Cost	FY2029	FY2030	FY2031	Total
Construction		\$3,000,000	\$2,200,000	\$5,200,000
Contingency			\$750,000	\$750,000
Other Contracted Services		\$250,000	\$100,000	\$350,000
Design, Engineering & Construction Administration	\$500,000	\$100,000	\$100,000	\$700,000
Furnishings & Equipment		\$250,000	\$250,000	\$500,000
Total	\$500,000	\$3,600,000	\$3,400,000	\$7,500,000

Funding Sources

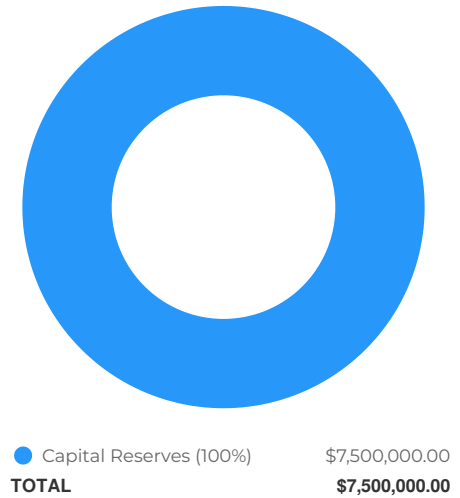
Total Budget (all years)
\$7.5M

Project Total
\$7.5M

Funding Sources by Year (Proposed)



Funding Sources for Budgeted Years (Proposed)



Funding Sources Breakdown				
Funding Sources	FY2029	FY2030	FY2031	Total
Capital Reserves	\$500,000	\$3,600,000	\$3,400,000	\$7,500,000
Total	\$500,000	\$3,600,000	\$3,400,000	\$7,500,000

This requests information is generated from , Proposed Version.

County Buildings - Justice Center Shell Space Buildout

Overview

Request Owner	Darrell Butts, Budget Director
Department	FACILITIES MANAGEMENT
Type	Capital Improvement

Description

Fully finish the space at the Justice Center that is currently shell space to accommodate growing space needs within the facility.

Details

Type of Project	New Construction
Fund	General Fund
Project Status (New/Existing)	New

Defined Problem

Due to increasing programs, and increasing staffing, the Justice Center is running out of available finished space for additional offices, work rooms, and meeting rooms.

Recommended Solution

Fully finish construction of the existing shell (unfinished) space to create additional office, work rooms, and meeting rooms to meet the growing demand for space at the Justice Center.

Alternatives

Option #1 - Do nothing and continue to operate in the existing space(s) in the best manner possible.

Options #2 - Lease additional space outside of the Justice Center and operate some of the court programs off-site.

Professional Design

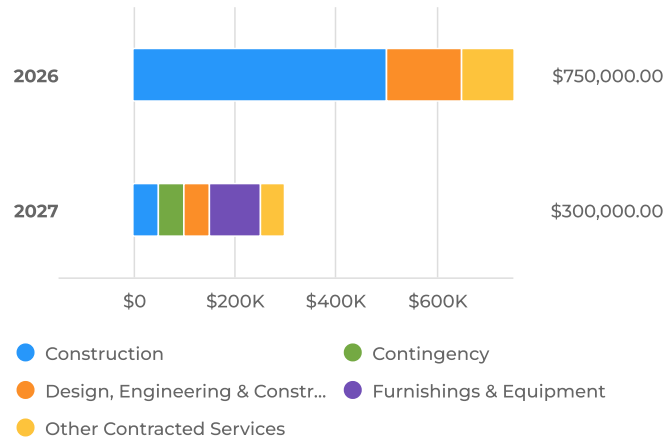
Detailed architectural drawings and construction management will be needed.

Capital Cost

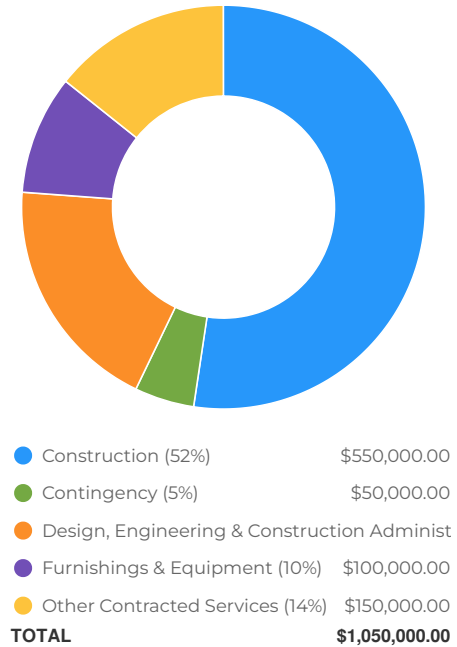
Total Budget (all years)
\$1.05M

Project Total
\$1.05M

Capital Cost by Year (Proposed)



Capital Cost for Budgeted Years (Proposed)



Capital Cost Breakdown

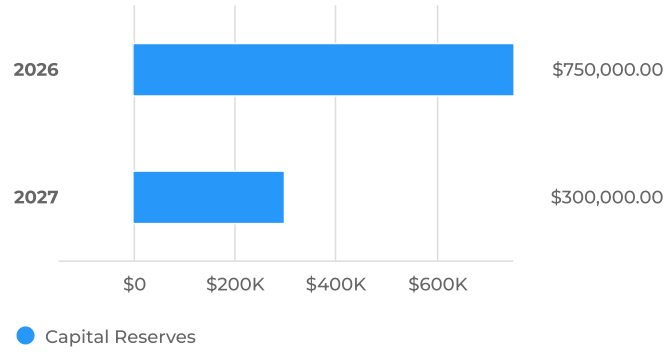
Capital Cost	FY2026	FY2027	Total
Construction	\$500,000	\$50,000	\$550,000
Contingency		\$50,000	\$50,000
Other Contracted Services	\$100,000	\$50,000	\$150,000
Design, Engineering & Construction Administration	\$150,000	\$50,000	\$200,000
Furnishings & Equipment		\$100,000	\$100,000
Total	\$750,000	\$300,000	\$1,050,000

Funding Sources

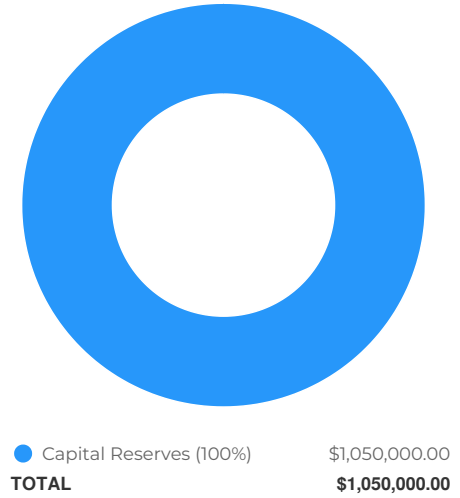
Total Budget (all years)
\$1.05M

Project Total
\$1.05M

Funding Sources by Year (Proposed)



Funding Sources for Budgeted Years (Proposed)



Funding Sources Breakdown			
Funding Sources	FY2026	FY2027	Total
Capital Reserves	\$750,000	\$300,000	\$1,050,000
Total	\$750,000	\$300,000	\$1,050,000

This requests information is generated from , Proposed Version.

County Buildings - New County Complex

Overview

Request Owner	Darrell Butts, Budget Director
Department	FACILITIES MANAGEMENT
Type	Capital Improvement

Description

Address long-term space needs for county buildings currently at the government annex campus, while being responsive to the desire for a clear vista between the Justice Center and the Historic Courthouse that would contribute to a vibrant downtown setting.

Details

Type of Project	New Construction
Fund	General Fund
Project Status (New/Existing)	New

Defined Problem

The growth that has already occurred in Chatham County has outpaced the capacity of the existing buildings. Anticipated future growth will exacerbate the problem. The Courthouse Annex has been partially renovated; however, renovated areas have outgrown the existing space needs. Staff housed in the Dunlap Building are overcrowded and the meeting room has been repurposed as office space. The Old Agriculture Building requires significant renovation to provide office space. At the same time, members of the Downtown Merchants Association and others have expressed the desire for more open park-like space and parking where the Courthouse Annex now exists.

Recommended Solution

Construct a new County office complex to house the functions currently located at the Government Annex and Dunlap building on land that the County already owns on Renaissance Drive.

Alternatives

1. Attempt to find additional office space (either purchased or leased) as needed to accommodate for additional growth.
2. Remove the existing Annex, Dunlap, and Old Ag buildings and construct a new building to house the departments currently residing in those buildings.
3. Locate County offices on a portion of unused land that the County owns at the site of the Chatham County Agriculture and Conference Center (CCACC).

Current Stage of Project



In FY 2018, the Board of Commissioners directed staff to hire a consultant to create a downtown master plan to accommodate the space needs of the county and develop a park-like area between the Historic Courthouse and the Justice Center. The consultant presented a master plan to the Board of Commissioners in October, 2018 that would address projected space needs up to 2048. Commissioners requested that staff consider moving the site of the project to the county-owned parcel on Renaissance Drive. The project has been on hold until the Town of Pittsboro has sufficient wastewater capacity to support the new facility. Preliminary planning for the project has resumed based on the expectation of adequate wastewater capacity being obtained by the town.

Professional Design

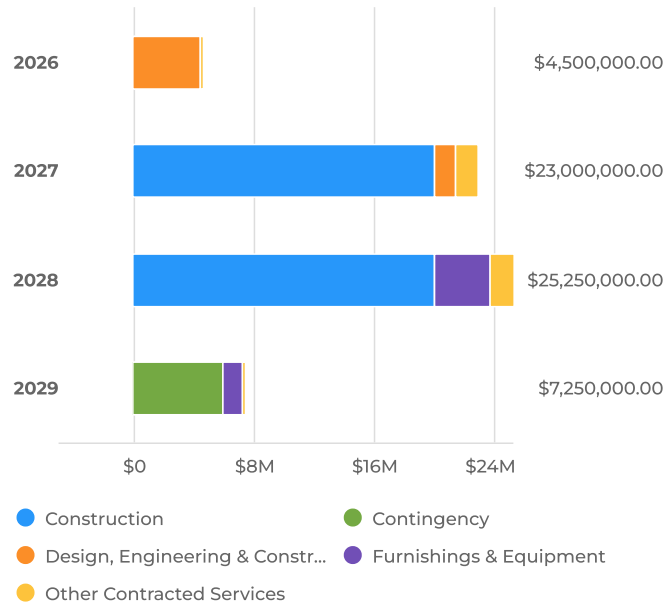
An updated Master Plan, detailed architectural drawings, and construction management will be needed.

Capital Cost

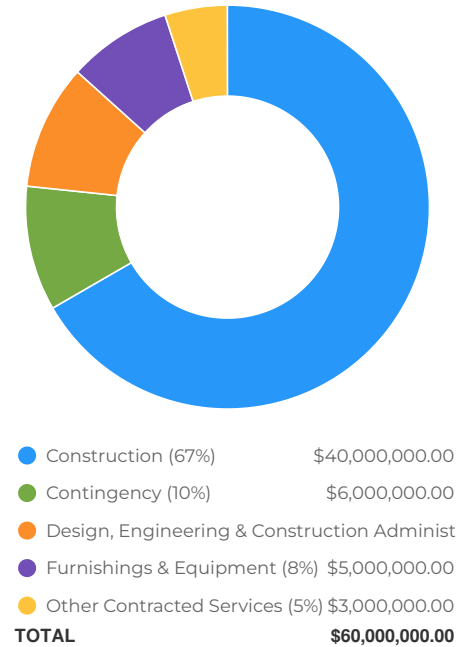
Total Budget (all years)
\$60M

Project Total
\$60M

Capital Cost by Year (Proposed)



Capital Cost for Budgeted Years (Proposed)



Capital Cost Breakdown

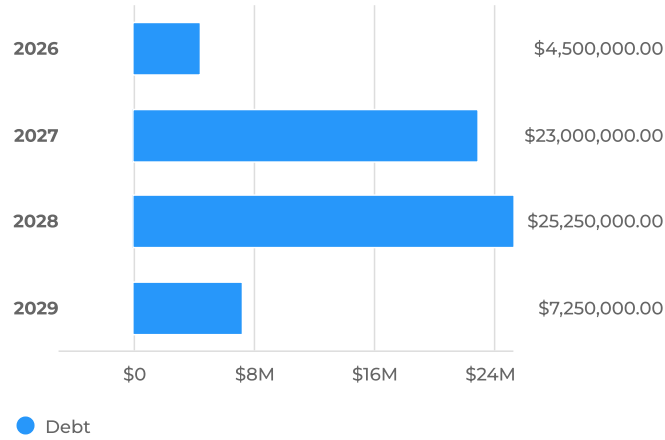
Capital Cost	FY2026	FY2027	FY2028	FY2029	Total
Construction		\$20,000,000	\$20,000,000		\$40,000,000
Contingency				\$6,000,000	\$6,000,000
Other Contracted Services		\$1,500,000	\$1,500,000		\$3,000,000
Design, Engineering & Construction Administration	\$4,500,000	\$1,500,000			\$6,000,000
Furnishings & Equipment			\$3,750,000	\$1,250,000	\$5,000,000
Total	\$4,500,000	\$23,000,000	\$25,250,000	\$7,250,000	\$60,000,000

Funding Sources

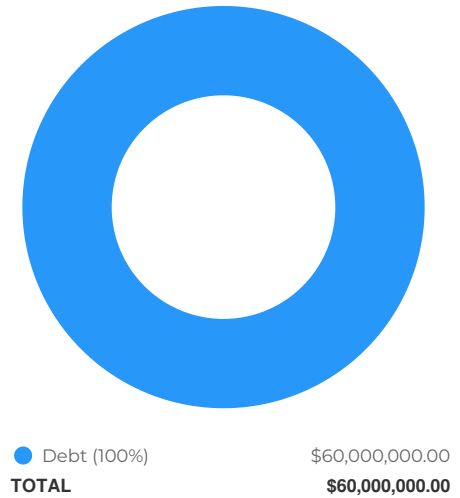
Total Budget (all years)
\$60M

Project Total
\$60M

Funding Sources by Year (Proposed)



Funding Sources for Budgeted Years (Proposed)



Funding Sources Breakdown					
Funding Sources	FY2026	FY2027	FY2028	FY2029	Total
Debt	\$4,500,000	\$23,000,000	\$25,250,000	\$7,250,000	\$60,000,000
Total	\$4,500,000	\$23,000,000	\$25,250,000	\$7,250,000	\$60,000,000

This requests information is generated from , Proposed Version.

County Buildings - New Emergency Medical Services Base

Overview

Request Owner	Brian Stevens
Department	FACILITIES MANAGEMENT
Type	Capital Improvement
Project Number	3612913

Description

Construct a new 3-bay Emergency Medical Service (EMS) base on 15-501 near Farrington Village and Briar Chapel.

Details

Type of Project	New Construction
Fund	General Fund
Project Status (New/Existing)	Approved - Contracts Let (part)

Defined Problem

There is a gap in the 12-minute response times for EMS coverage along the 15-501 corridor from just north of Bynum to the Orange County line. A new EMS base near the intersection of 15-501 and Jack Bennett Road will allow for faster response times to some of the higher density populations in the unincorporated part of the county.

Recommended Solution

Construct a 3-bay EMS base on the property and possibly include a morgue in the construction. This location is the optimal spot for a new base to allow faster response times along the 15-501 corridor. The county owns roughly 2.5 acres of land that is occupied by an out of service elevated water tank.

Alternatives

This location is the optimal spot for a new base to allow faster response times along the 15-501 corridor. The county owns roughly 2.5 acres of land that is occupied by an out of service elevated water tank.

Current Stage of Project

Timmons Group has been awarded the design contract for the EMS station. The building and site design is complete. There have been several hurdles to secure the necessary real estate to accommodate the facility. Meetings between the county, Duke Energy Progress, and NCDOT are underway to finalize transference of an abandoned section of 15-501 old roadbed to allow the county to have the needed acreage to proceed with the project. The process to convey property to Duke Energy Progress (to then be conveyed to the County) has been abandoned due to several obstacles. The county is pursuing a

Conditional Use Permit (CUP) along with the right-of-way (ROW) abandonment to allow for the construction of the EMS base. Resident notifications and hearings are being scheduled, and the CUP process is expected to be complete in early 2022. Once the CUP is complete the project can be put out to bid. The deed for the abandoned right-of-way has been approved by the NCDOT and is being processed by the County for final conveyance.

Professional Design

Design, engineering, and construction services would be needed.

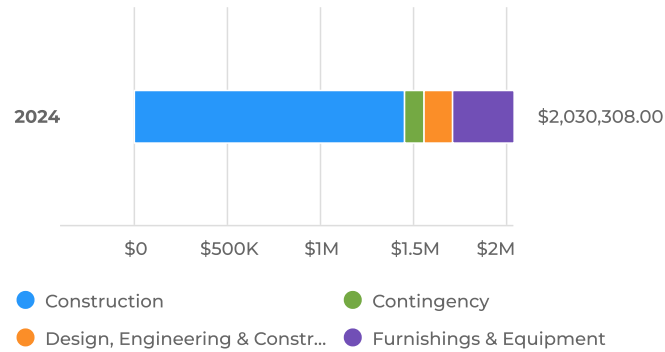
Operating Impact

Additional funds will be needed for technical equipment and building maintenance.

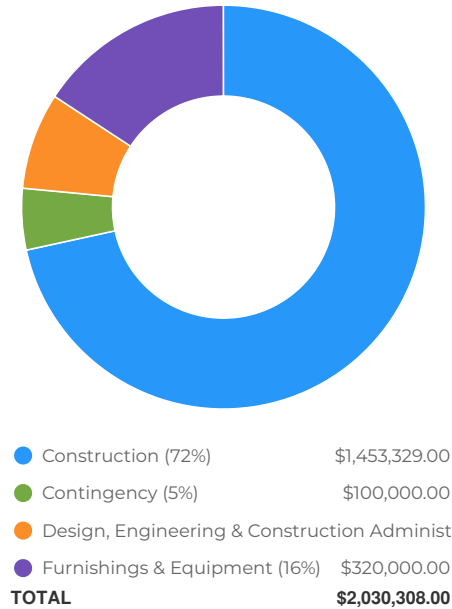
Capital Cost

Total To Date	FY2024 Budget	Total Budget (all years)	Project Total
\$74,052	\$2,030,308	\$2.03M	\$2.104M

Capital Cost by Year (Proposed)



Capital Cost for Budgeted Years (Proposed)

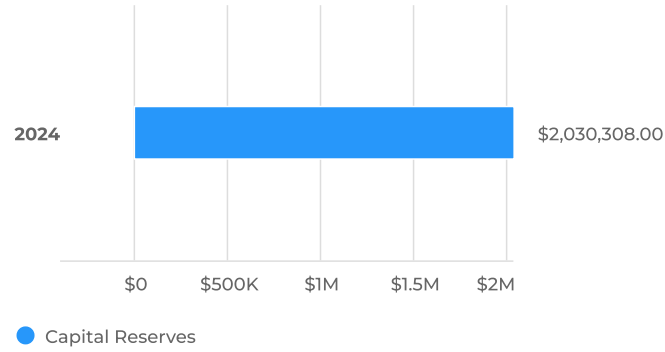


Capital Cost Breakdown			
Capital Cost	To Date	FY2024	Total
Construction	\$31	\$1,453,329	\$1,453,360
Contingency		\$100,000	\$100,000
Design, Engineering & Construction Administration	\$74,021	\$156,979	\$231,000
Furnishings & Equipment		\$320,000	\$320,000
Total	\$74,052	\$2,030,308	\$2,104,360

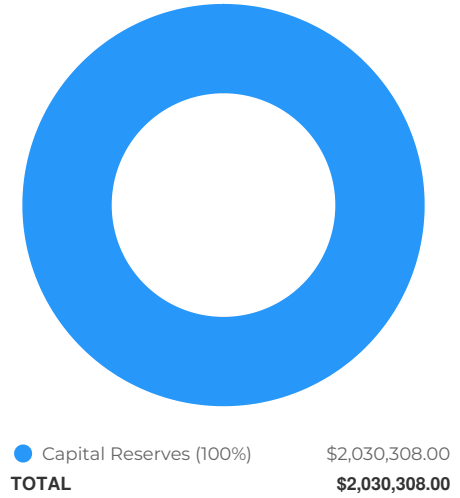
Funding Sources

Total To Date	FY2024 Budget	Total Budget (all years)	Project Total
\$74,052	\$2,030,308	\$2.03M	\$2.104M

Funding Sources by Year (Proposed)



Funding Sources for Budgeted Years (Proposed)

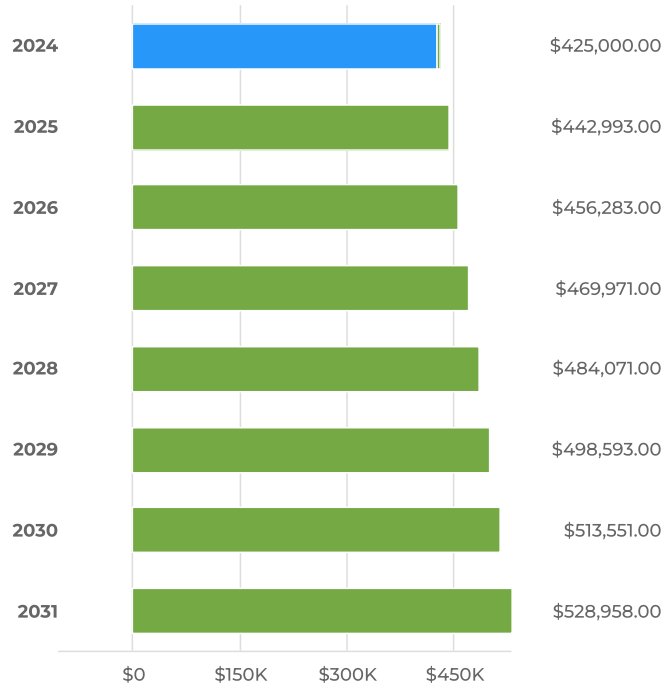


Funding Sources Breakdown			
Funding Sources	To Date	FY2024	Total
Capital Reserves	\$74,052	\$2,030,308	\$2,104,360
Total	\$74,052	\$2,030,308	\$2,104,360

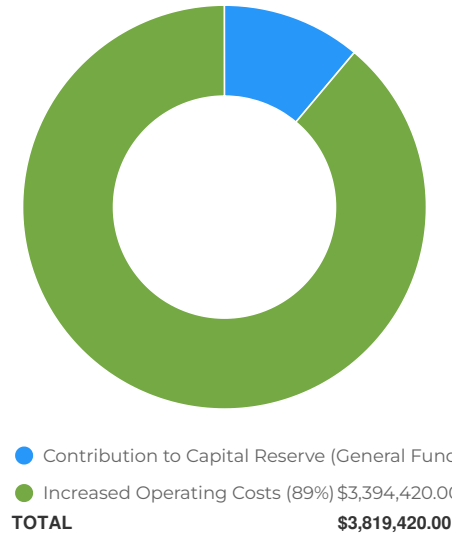
Operational Costs

Total To Date **\$1,679,360** FY2024 Budget **\$425,000** Total Budget (all years) **\$3.819M** Project Total **\$5.499M**

Operational Costs by Year (Proposed)



Operational Costs for Budgeted Years (Proposed)



● Contribution to Capital Reserv... ● Increased Operating Costs

Operational Costs Breakdown

Operational Costs	To Date	FY2024	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	FY2031
Contribution to Capital Reserve (General Fund)	\$1,679,360	\$425,000							
Increased Operating Costs			\$442,993	\$456,283	\$469,971	\$484,071	\$498,593	\$513,551	\$528,958
Total	\$1,679,360	\$425,000	\$442,993	\$456,283	\$469,971	\$484,071	\$498,593	\$513,551	\$528,958

This requests information is generated from , Proposed Version.

County Buildings - Siler City Center for Active Living Renovations

Overview

Request Owner	Ashlyn Martin
Department	FACILITIES MANAGEMENT
Type	Capital Improvement

Description

Over the past year, the Siler City Center for Active Living (formerly Western Chatham Senior Center) has experienced substantial growth in the number of activities being offered, as well as in participation by older adults residing in and around Siler City. Each senior center utilizes the MySeniorCenter software which allows us to capture participant check-ins for activities. In August 2022, there were 162 unduplicated check-ins for all activities at the Siler City Center and in August 2023 we saw this number increase to 237 unduplicated check-ins. There is a continued increase in new participants registering for senior center activities. Year-to-date (July 1- September 25, 2023), 56 new registrations have been completed for the Siler City Center. Additionally, in August 2022, 66 unduplicated individuals received Congregate meals and during August 2023, this number increased to 107 unduplicated individuals. It is imperative for the Siler City Center for Active Living to provide a safe space in which quality programming can be provided for the older adults who call this community their home.

Aging Services is submitting a capital request for renovations to this Center that will allow for the continued expansion of services and activities, as well as make the center safer for participants and staff. While plans have not yet been developed by a designer or architect, the Senior Center Manager and Aging Services Director have reviewed the current floor plan and have done a mark up of what changes they would like to see. These plans include but are not limited to removing some existing walls, adding new doorways in certain areas throughout the building, creating additional office space, and enclosing some of the entrances that are not needed. Other requests include new flooring, paint, and ceiling tiles throughout the building.

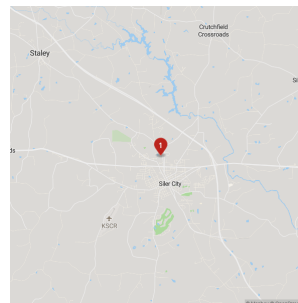
The Council on Aging's final audit is almost complete and upon completion, the remaining investment and operating funds will be transferred to the county. While some of these funds are restricted, there are enough unrestricted funds that could potentially cover these renovations.

Details

Type of Project	Refurbishment
Fund	General Fund
Project Status (New/Existing)	New

Location

Address: 112 Village Lake Road



Supplemental Attachments

 [Proposed Ideas\(/resource/cleargov-prod/projects/documents/383b1177efd11b8a6ee2.pdf\)](#)

Unofficial drawings of proposed changes.

Defined Problem

The building that houses the Siler City Center was not originally designed to be a senior center. While there are parts of the building that work out well for center activities and programs, there are other areas that need improvement for them to best be utilized. There are days on which all of the large meeting spaces are used at once for activities. However, not all of these spaces are able to accommodate the number of participants attending. Additionally, more office space is needed.

Recommended Solution

The Center maintains a busy activity calendar each day and often times multiple activities take place at once throughout various parts of the center. The proposed changes to the building's floor plan would provide a better set up for center activities when multiple activities/events are happening at once. These changes also allow for better utilization of the kitchen in the event that meals for the Meals on Wheels and Congregate Nutrition programs are able to be prepared in-house again in the future. Additionally, the plans would create additional offices. By completing renovations on the building now, we are setting ourselves up for what the center will need not only now but in the coming years for continued success.

Alternatives

The only alternative is that the center will continue to operate as it does now.

Current Stage of Project

Currently in the preliminary design/planning phase of this project. An architect/designer has not been identified or hired to officially draw out the new plans.

Relation to Other Projects

It is our understanding that a new building may eventually be built for Aging Services in the government complex on Renaissance Drive. However, this building will not be centrally located for participants from the Siler City Center and will pose greater challenges for these individuals to get to and from the Center for activities. Therefore, the building on Renaissance Drive could be a possible replacement for the Pittsboro Center and the Siler City Center could remain at its current location. Thus, Aging Services would continue to operate at least two centers in different areas of the county.

Description of Land Needs

No additional land will be needed for this project.

Professional Design

Not yet started.

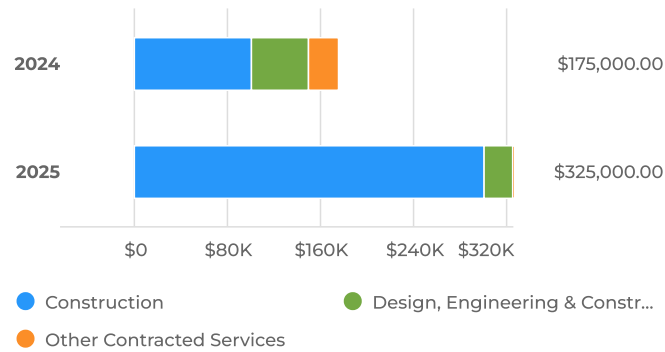
Operating Impact

The proposed changes to the building's floor plan would allow for work to be done in phases so that center activities can continue. Unlike the Eastern Center's expansion, participants would not need to be moved to another location while construction is underway.

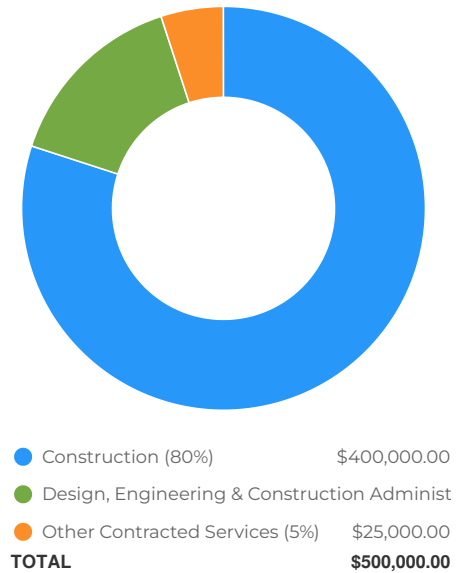
Capital Cost

FY2024 Budget	Total Budget (all years)	Project Total
\$175,000	\$500K	\$500K

Capital Cost by Year (Proposed)



Capital Cost for Budgeted Years (Proposed)



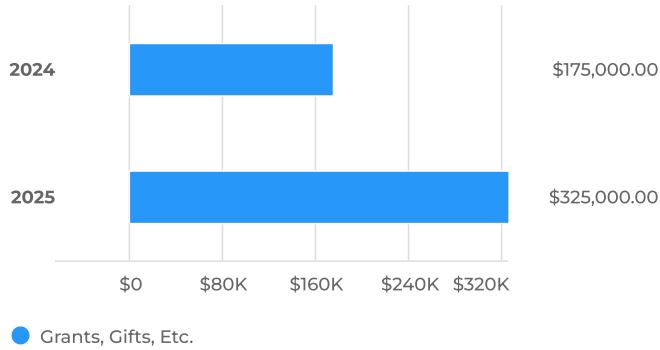
Capital Cost Breakdown

Capital Cost	FY2024	FY2025	Total
Construction	\$100,000	\$300,000	\$400,000
Other Contracted Services	\$25,000		\$25,000
Design, Engineering & Construction Administration	\$50,000	\$25,000	\$75,000
Total	\$175,000	\$325,000	\$500,000

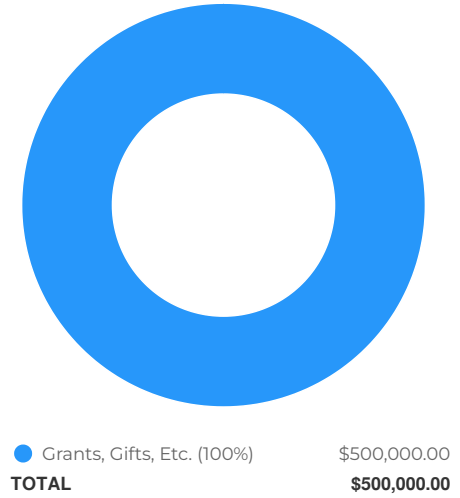
Funding Sources

FY2024 Budget **\$175,000** Total Budget (all years) **\$500K** Project Total **\$500K**

Funding Sources by Year (Proposed)



Funding Sources for Budgeted Years (Proposed)



Funding Sources Breakdown			
Funding Sources	FY2024	FY2025	Total
Grants, Gifts, Etc.	\$175,000	\$325,000	\$500,000
Total	\$175,000	\$325,000	\$500,000

This requests information is generated from , Proposed Version.

County Buildings – Goldston Public Library

Overview

Request Owner	Amanda Girelli
Department	FACILITIES MANAGEMENT
Type	Capital Improvement

Description

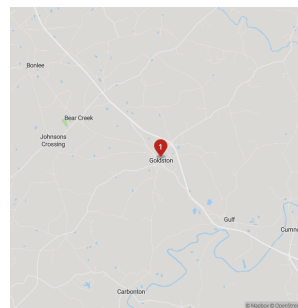
Expand the Goldston library branch by enlarging the children’s area and by adding a new multipurpose room and new staff area and restroom.

Details

Type of Project	New Construction
Project Status (New/Existing)	Approved - Contracts Let (part)

Location

Address: 9235 Pittsboro Goldston Road



Supplemental Attachments

 [Proposed Floor Plan\(/resource/cleargov-prod/projects/documents/3e8cealc896c247d93f6.pdf\)](/resource/cleargov-prod/projects/documents/3e8cealc896c247d93f6.pdf)

Proposed new floor plan for the Goldston branch, including expansion.

 [Construction Estimate\(/resource/cleargov-prod/projects/documents/c6c945a6e8ca95041c23.pdf\)](/resource/cleargov-prod/projects/documents/c6c945a6e8ca95041c23.pdf)

 [Lease Agreement\(/resource/cleargov-prod/projects/documents/a016e435ad30bc2fcd2b2.pdf\)](/resource/cleargov-prod/projects/documents/a016e435ad30bc2fcd2b2.pdf)

Agreement between town of Goldston and Chatham County

Defined Problem

In 2014, a strategic plan for the library system was conducted by consultant Phil Barton and included future library goals. One of the considerations specific to the Goldston Public Library was the need for more space. Mr. Barton noted that while the current Goldston library is now twice as large as the library’s previous location, it was still only half the recommended size needed to serve the community. His recommendations for the future included expansion of the children’s area.

The area served by Goldston Public Library is growing. The Town of Goldston has a new sewer system and businesses on the outskirts of town are requesting annexation to take advantage of the new infrastructure. A new 80 home subdivision is currently in the public hearing phase of approval by the county planning department and the library will see increased use and more demand for its services once phases of the subdivision are built out. Pressure on the existing library will undoubtedly increase.

Current Stage of Project

In fall 2022, the Goldston Public Library received over \$650,000 from the estate of Mr. Jimmy Goldston, now deceased. This money will be used to fund the expansion project. The Friends of the Goldston Public Library have recruited architect David Morton to create expansion plans for the building. The plans are expected to be completed by October 2023. The town and county will sign a new lease agreement for the building which should be finalized in September 2023. The bidding process for the expansion work will take place in December 2023.

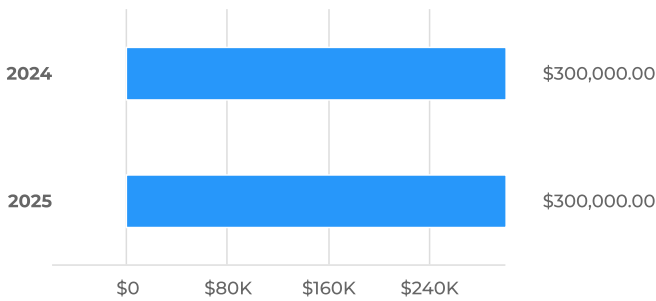
Professional Design

The Friends of the Goldston Public Library have recruited architect David Morton to create expansion plans for the building (Supplemental Attachment). This was paid for directly by Goldston's Friends of the Library.

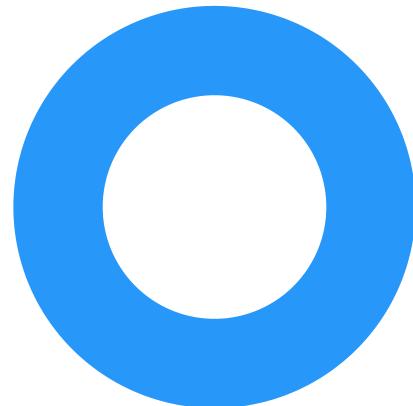
Capital Cost

FY2024 Budget	Total Budget (all years)	Project Total
\$300,000	\$600K	\$600K

Capital Cost by Year (Proposed)



Capital Cost for Budgeted Years (Proposed)

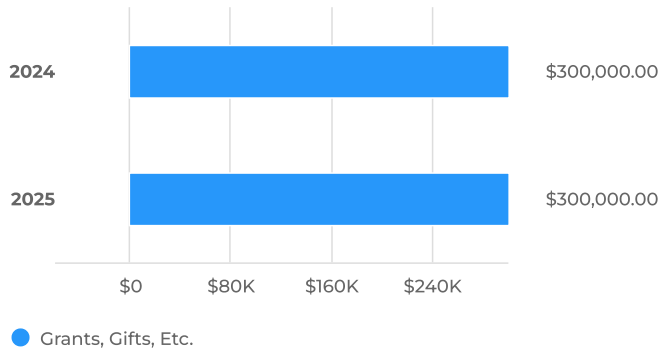


Capital Cost Breakdown			
Capital Cost	FY2024	FY2025	Total
Construction	\$300,000	\$300,000	\$600,000
Total	\$300,000	\$300,000	\$600,000

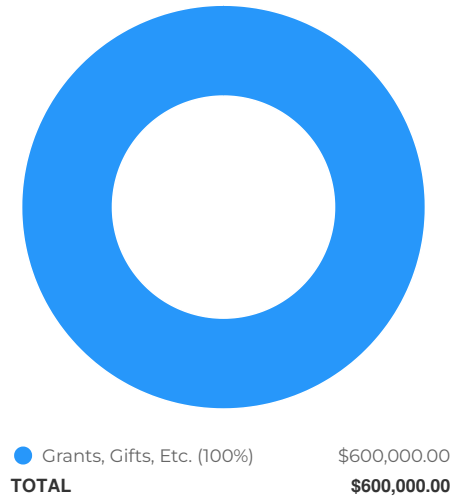
Funding Sources

FY2024 Budget **\$300,000** Total Budget (all years) **\$600K** Project Total **\$600K**

Funding Sources by Year (Proposed)



Funding Sources for Budgeted Years (Proposed)



Funding Sources Breakdown			
Funding Sources	FY2024	FY2025	Total
Grants, Gifts, Etc.	\$300,000	\$300,000	\$600,000
Total	\$300,000	\$300,000	\$600,000

This request information is generated from , Proposed Version.

County Capital Maintenance & Replacement Plan

Overview

Request Owner	Will Curvin, Budget & Management Analyst
Department	FACILITIES MANAGEMENT
Type	Capital Equipment

Description

Yearly maintenance and replacement of technology, facilities, and equipment.

Details

Type of Project	Replacement
Fund	General Fund
Project Status (New/Existing)	Approved - No Contracts

Defined Problem

The county's investment in its technology, buildings, and other equipment must be protected with yearly maintenance and, when indicated, replacement. Examples include audio visual systems, servers, enterprise software systems, HVAC systems and roofs, as well as costly equipment associated with Capital Improvements Plan (CIP) projects such as radios. A Capital Management and Replacement Plan (CMRP) can prevent the sudden failure that results in loss of county services.

Recommended Solution

Fund a yearly transfer to the Capital Reserve to support the Capital Maintenance and Replacement Plan.

Alternatives

Instead of planning, equipment can be replaced when it fails. However this may result in unplanned impacts to the operating budget, which can result in appropriations of fund balance or delay of budgeted programs and services in order to cover the unplanned expense.

Current Stage of Project

Maintenance and replacement projects are planned as follows:

FY 2024: Electrical and HVAC maintenance, Justice Center A/V replacement

FY 2025: Server replacement phase 1, CCACC A/V replacement

FY 2026: HVAC maintenance/replacement

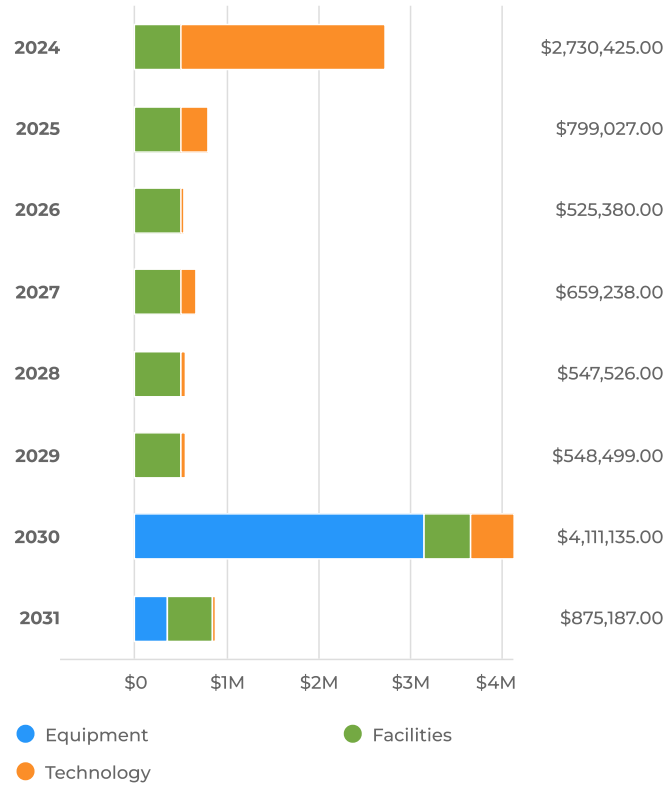
FY 2027: Server replacement phase 2

FY 2028: HVAC replacement

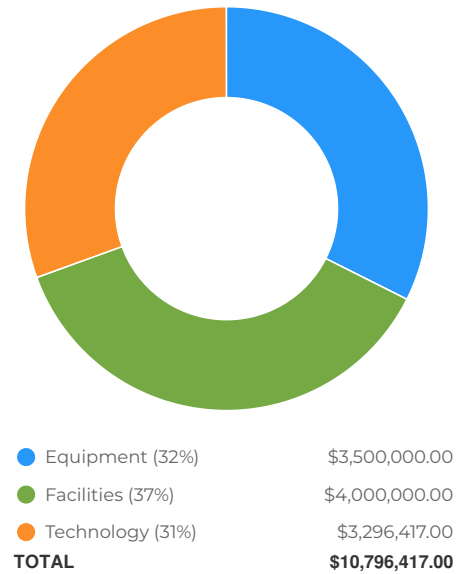
Capital Cost

Total To Date **\$721,389**
 FY2024 Budget **\$2,730,425**
 Total Budget (all years) **\$10.796M**
 Project Total **\$11.518M**

Capital Cost by Year (Proposed)



Capital Cost for Budgeted Years (Proposed)



Capital Cost Breakdown									
Capital Cost	To Date	FY2024	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	FY2031
Equipment								\$3,150,000	\$350,000
Facilities	\$721,389	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000
Technology		\$2,230,425	\$299,027	\$25,380	\$159,238	\$47,526	\$48,499	\$461,135	\$25,187
Total	\$721,389	\$2,730,425	\$799,027	\$525,380	\$659,238	\$547,526	\$548,499	\$4,111,135	\$875,187

Funding Sources

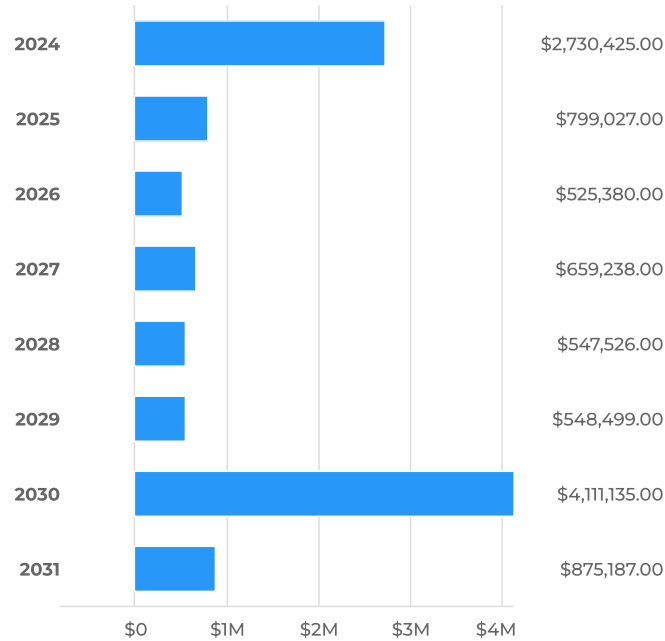
Total To Date
\$721,389

FY2024 Budget
\$2,730,425

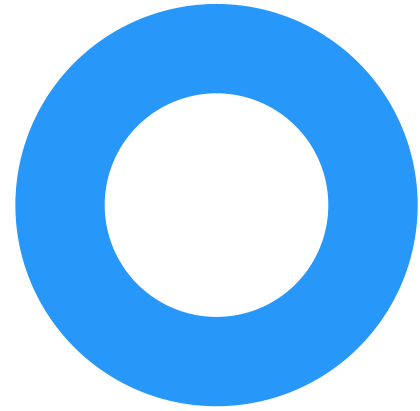
Total Budget (all years)
\$10.796M

Project Total
\$11.518M

Funding Sources by Year (Proposed)



Funding Sources for Budgeted Years (Proposed)



● Capital Reserves (100%) \$10,796,417.00
TOTAL \$10,796,417.00

● Capital Reserves

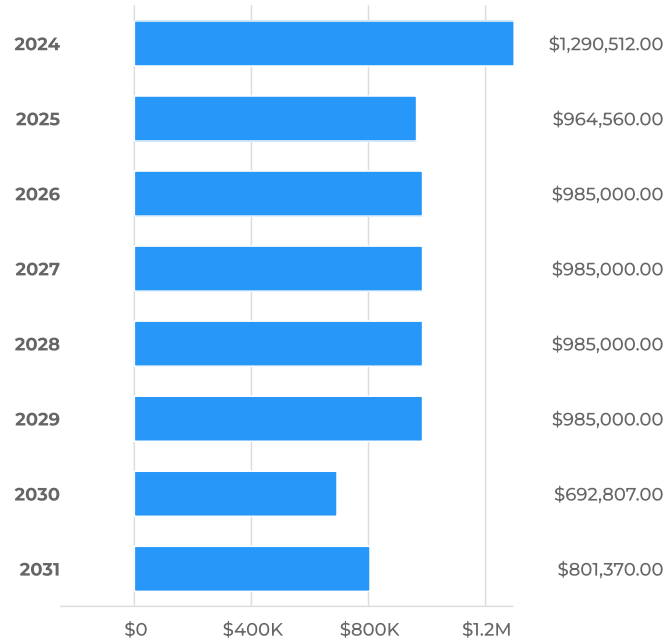
Funding Sources Breakdown

Funding Sources	To Date	FY2024	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	FY2031	T
Capital Reserves	\$721,389	\$2,730,425	\$799,027	\$525,380	\$659,238	\$547,526	\$548,499	\$4,111,135	\$875,187	\$
Total	\$721,389	\$2,730,425	\$799,027	\$525,380	\$659,238	\$547,526	\$548,499	\$4,111,135	\$875,187	\$

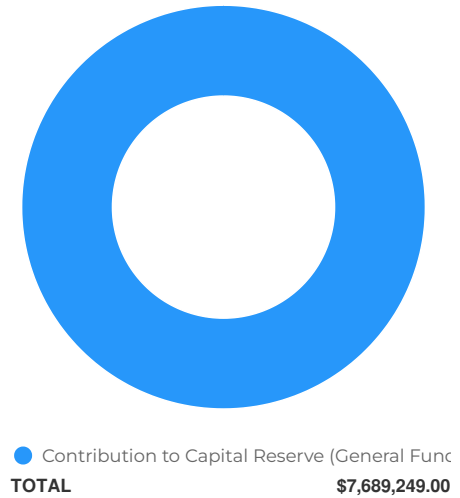
Operational Costs

Total To Date **\$3,828,557**
 FY2024 Budget **\$1,290,512**
 Total Budget (all years) **\$7.689M**
 Project Total **\$11.518M**

Operational Costs by Year (Proposed)



Operational Costs for Budgeted Years (Proposed)



● Contribution to Capital Reserv...

Operational Costs Breakdown

Operational Costs	To Date	FY2024	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	FY2031
Contribution to Capital Reserve (General Fund)	\$3,828,557	\$1,290,512	\$964,560	\$985,000	\$985,000	\$985,000	\$985,000	\$692,807	\$801,370
Total	\$3,828,557	\$1,290,512	\$964,560	\$985,000	\$985,000	\$985,000	\$985,000	\$692,807	\$801,370

MANAGEMENT INFORMATION SER REQUESTS

Technology - County Fiber Extension to Siler City

Overview

Request Owner	Nick Haffele
Department	MANAGEMENT INFORMATION SER
Type	Other

Description

County Network Infrastructure Improvement

Details

Type of Project	New Construction
Fund	General Fund
Project Status (New/Existing)	Approved - Contracts Let (part)

Defined Problem

Chatham County Government has office locations in three clustered locations, downtown Pittsboro, Renaissance Drive, and Siler City. Greater and much broader access to county network services will be required as Plan Chatham goals are addressed. Extension of fiber to Siler City, a future project in the FY 2022-2028 CIP, would provide connectivity to remote locations in Siler City and greater geographical dispersion for disaster recovery planning. However, it would not address the need for redundant points of failure across the network, which would leave the network vulnerable to a possible disaster at the core server location housed in the MIS building. The expansion of the fiber network to Siler City in conjunction with a reengineering of the network infrastructure would accommodate the county's facility growth objectives into the future.

Recommended Solution

Install 11 miles of fiber in the ground between the existing end point of fiber at Renaissance Drive and the backup Emergency Operations Center in Siler City. At the same time, review the county's current network fiber assets to determine the feasibility of hosting a secondary data center at the new Emergency Operations Center on Renaissance Drive and identify the additional fiber capacity that will be required to meet the future needs of county facilities.

Alternatives

Option 1: Do nothing. Planned changes in switches, potential cabling and leased line upgrades will continue as capacity needs demand it. Continue to use leased lines as needed despite slow network response times until changes are in place and the problem can be reassessed. Leased lines can be disconnected when a location is no longer needed which may serve the county better until various construction and renovation projects are completed. Doing nothing will keep our existing known risks in place. Option 2: Extend Fiber incrementally to Siler City over time. This would spread out the cost, but also delay the possible savings on expensive internet circuits that could be disconnected. It would also delay our ability to geographically disperse our server hosts for disaster recovery purposes. Option 3: Pursue a collaborative effort. Work with existing ISP's or fiber non-profit providers to provide infrastructure for them to expand their fiber footprint without incurring the construction costs. This would be done to expand broadband service to residents of Chatham County in underserved areas while also possibly identifying ARP funding opportunities for the county. Option 4: SD-WAN Solution. Move away from

putting additional fiber in the ground and implement a comprehensive solution to address connectivity in a dispersed environment. This solution would require dedicated internet connections at desired remote locations along with additional IT infrastructure, namely firewalls. The scalability of this solution is desirable, but the ongoing recurring costs are a deterrent.

Relation to Other Projects

Improving fiber capacity will benefit future county facilities along Renaissance Dr. and in Siler City.

Description of Land Needs

Easements in the right-of-way.

Operating Impact

Implementation costs will be high in the short-term, but will lead to cost savings through county facilities in Siler City being connected to the County's network.

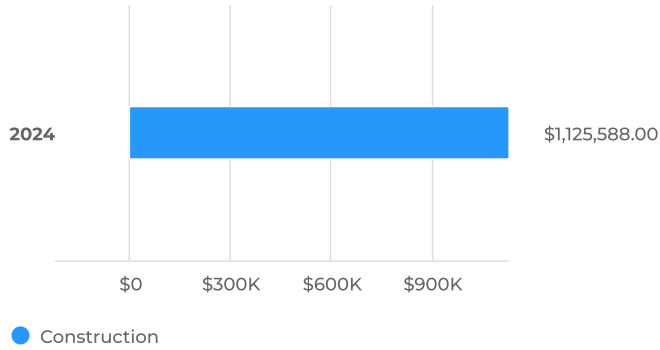
Capital Cost

FY2024 Budget
\$1,125,588

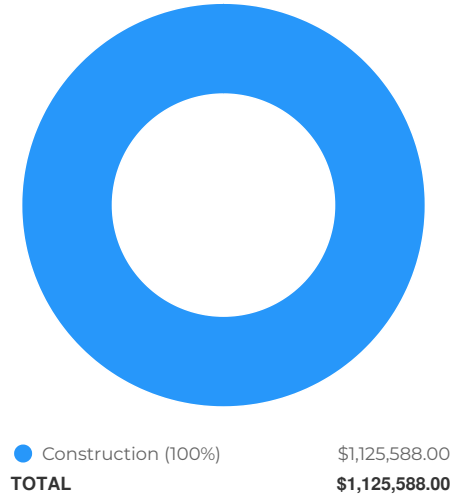
Total Budget (all years)
\$1.126M

Project Total
\$1.126M

Capital Cost by Year (Proposed)



Capital Cost for Budgeted Years (Proposed)



Capital Cost Breakdown		
Capital Cost	FY2024	Total
Construction	\$1,125,588	\$1,125,588
Total	\$1,125,588	\$1,125,588

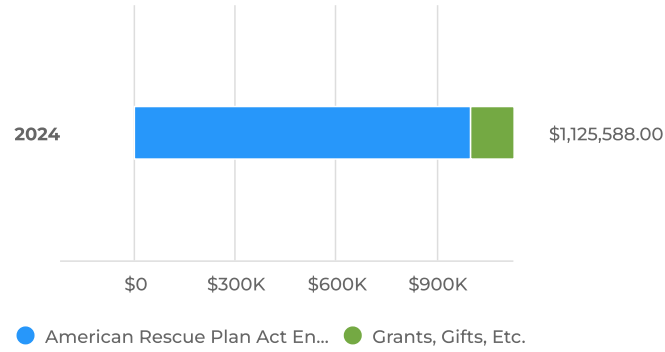
Funding Sources

FY2024 Budget
\$1,125,588

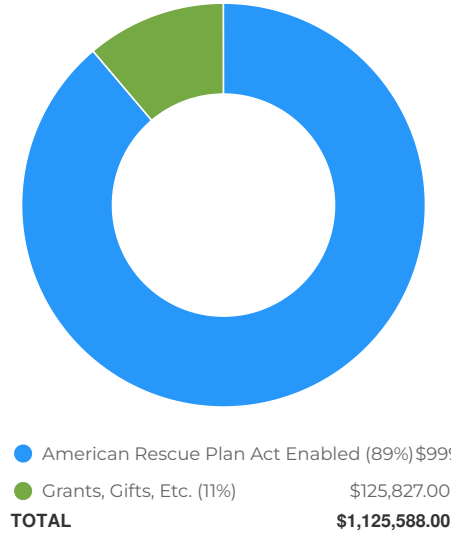
Total Budget (all years)
\$1.126M

Project Total
\$1.126M

Funding Sources by Year (Proposed)



Funding Sources for Budgeted Years (Proposed)



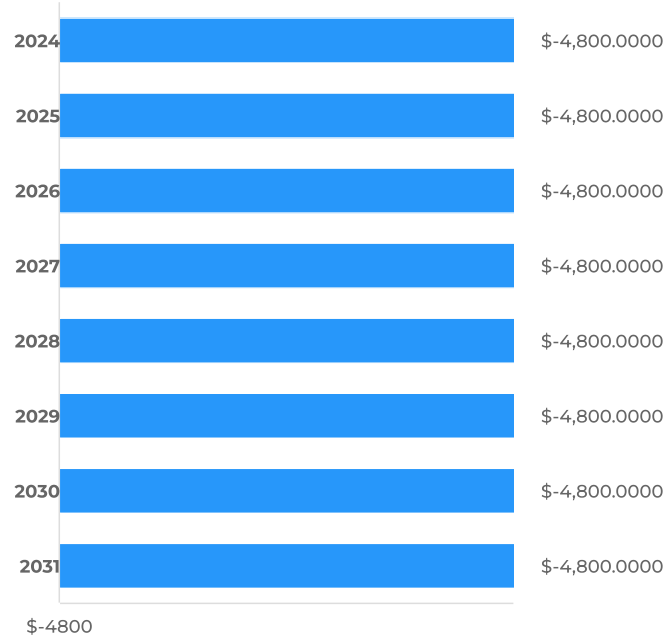
Funding Sources Breakdown		
Funding Sources	FY2024	Total
American Rescue Plan Act Enabled	\$999,761	\$999,761
Grants, Gifts, Etc.	\$125,827	\$125,827
Total	\$1,125,588	\$1,125,588

Operational Costs

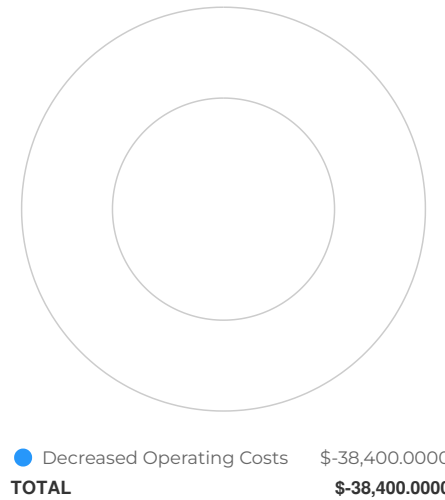
Total Budget (all years)
\$-38400

Project Total
\$-38400

Operational Costs by Year (Proposed)



Operational Costs for Budgeted Years (Proposed)



● Decreased Operating Costs

Operational Costs Breakdown

Operational Costs	To Date	FY2024	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	FY2031	Total
Decreased Operating Costs	\$0	-\$4,800	-\$4,800	-\$4,800	-\$4,800	-\$4,800	-\$4,800	-\$4,800	-\$4,800	-\$38,400
Total	\$0	-\$4,800	-\$4,800	-\$4,800	-\$4,800	-\$4,800	-\$4,800	-\$4,800	-\$4,800	-\$38,400

PARKS AND RECREATION REQUESTS

This requests information is generated from , Proposed Version.

Parks - Briar Chapel Park Improvements

Overview

Request Owner	J Stamey
Department	PARKS AND RECREATION
Type	Capital Improvement
Project Number	3628921

Description

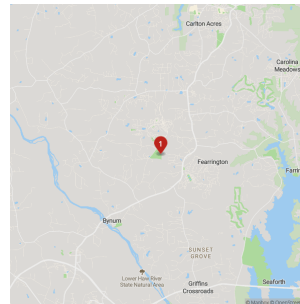
Accept donation of the 62-acre Briar Chapel Park with existing regulation soccer, football, baseball, and softball field; fence and light the athletic fields; and construct a restroom/concessions building, trails, and other improvements over several phases using recreation fees paid by the Briar Chapel development.

Details

Type of Project	New Construction
Fund	General Fund
Project Status (New/Existing)	Approved - Contracts Let (part)

Location

Address: 1015 Andrews Store Road



Defined Problem

As part of its conditional use permit (CUP), Briar Chapel development was required to construct a park. However, the CUP did not specify the level to which the facilities must be developed. Briar Chapel has constructed a 62-acre facility consisting of parking, roadways and a football, regulation soccer, and two baseball fields. The athletic fields lacked fencing, lighting, bleachers, and restroom and concessions that would make the fields optimal for use. In 2012, Briar Chapel officials approached the county about giving the park to the county. Based on the draft 2009 Parks and Recreation Comprehensive Master Plan, many recreation facilities are needed in the county, including nine soccer fields, four football fields and five softball fields. Accepting the park from Briar Chapel and making improvements would alleviate part of this deficit. In addition, several athletic groups, including East Chatham Baseball, Chatham Soccer League, and East Chatham Football Association, have expressed interest in using the fields. Recommended Solution Using recreation fees paid by Briar Chapel, the county would make improvements to the fields as fees are collected. The facilities will be constructed as funds become available through Briar Chapel recreation fees and possibly with grant money from Parks and Recreation Trust Fund (PARTF). 1. Fencing of all fields 2. Lighting of the football field 3. Restroom/concession building and supporting utilities 4. Lighting of the parking lots 5. Storage shed 6. Entrance sign and gate 7. Bleachers and benches for all fields 8. Soccer goals 9. Lighting of two baseball/softball fields 10. Dugouts, bases and pitching mounds 11. Walking trail 12. Scoreboard 13. Playground with shade structure 14. Directional signage 15. Lighting of soccer field

Recommended Solution

Using recreation fees paid by Briar Chapel, the county would make improvements to the fields as fees are collected. The facilities will be constructed as funds become available through Briar Chapel recreation fees and possibly with grant money from Parks and Recreation Trust Fund (PARTF). 1. Fencing of all fields 2. Lighting of the football field 3. Restroom/concession

building and supporting utilities 4. Lighting of the parking lots 5. Storage shed 6. Entrance sign and gate 7. Bleachers and benches for all fields 8. Soccer goals 9. Lighting of two baseball/softball fields 10. Walking trail 11. Scoreboard 12. Playground with shade structure 13. Directional signage 14. Lighting of soccer field 15. Dog Park 16. Dog Park Shade Structure 17. Ball Field foul ball netting 18. Corn hole, ping pong and Zip line (if funds are available).

Alternatives

The county could have chosen not to accept the park and allow Briar Chapel to operate it through its Homeowners Association. The CUP does require that the park be open to the public. Since there is no requirement that Briar Chapel develop the park beyond the state the county received it, the athletic facilities would be less than optimal. Fencing was needed on the baseball fields to keep balls from hitting spectators. The soccer field needed fencing to keep balls from rolling down a steep embankment. All athletic fields need bleachers for spectators. Without lighting, the fields can only be used during daylight hours. Without restroom and concession facilities, the park would not provide the amenities most participants and spectators expect and game play would be limited. In addition, the Building Inspections Division has stated that a restroom will be required.

Current Stage of Project

Briar Chapel completed construction of the athletic fields, two paved parking lots, and main entrance, paved the entrance road and constructed the entrance bridge. The county took ownership of the park in June 2012. Using recreation fees from Briar Chapel, the county completed fencing, lighting of the football field and gates. The restroom/concessions stand construction was completed in August 2015. By July 2017 soccer goals, bases, pitcher mounds, benches, concession equipment, dugouts, bleachers, and directional signage were purchased, the scoreboard was installed, and irrigation spray heads were replaced. Paving of the parking lots was completed in FY 2018. The county was awarded a PARTF grant in September 2017 to construct a playground, picnic shelter, paved trail and sidewalk connecting to school. Construction began in FY 2019 and was completed in August of 2020. Some PARTF grant funds remained unspent and the County was given permission to build a dog park and additional parking. Construction of the dog park and additional parking was completed in 2020. Lighting for the soccer field was completed in FY 2021 to be funded with Briar Chapel recreation fees. Additional future amenities such as a dog park shade structure, cornhole, ping pong, and a zipline will depend on the availability of recreation fees.

Relation to Other Projects

Improvements to Briar Chapel Park are related to construction of other parks. These facilities will provide the basic infrastructure for the county and community organizations to offer recreational programming, such as league play, in other areas of the county.

Professional Design

Architectural services were needed to design the restroom/concessions building. Engineering and construction administration will be needed for water and sewer connections and designing the remaining facilities. Existing county staff has provided oversight to construction and installation of other improvements.

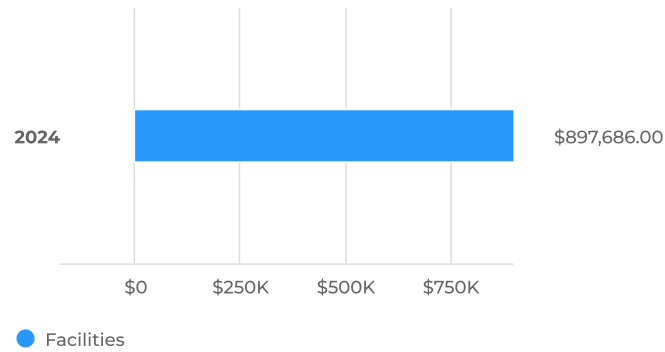
Operating Impact

Additional funds will be needed to operate and maintain the facility. Additional revenues will be realized from renting the concession stand and fields and from program fees.

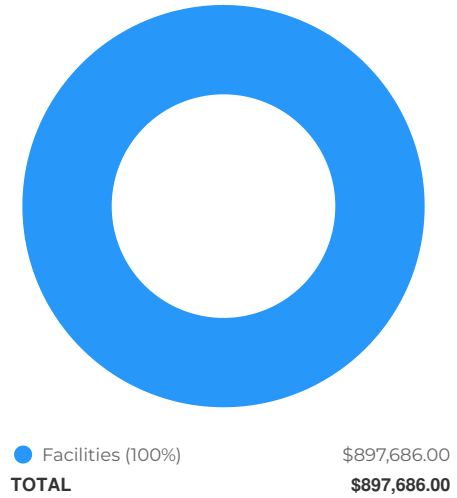
Capital Cost

Total To Date	FY2024 Budget	Total Budget (all years)	Project Total
\$1,525,833	\$897,686	\$897.686K	\$2.424M

Capital Cost by Year (Proposed)



Capital Cost for Budgeted Years (Proposed)

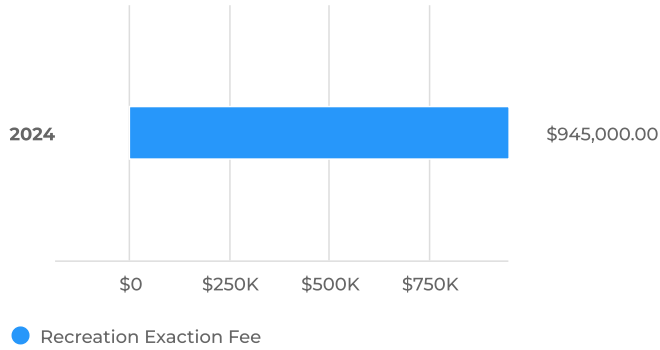


Capital Cost Breakdown			
Capital Cost	To Date	FY2024	Total
Design, Engineering & Construction Administration	\$23,950		\$23,950
Furnishings & Equipment	\$67,353		\$67,353
PARTF Costs	\$307,271		\$307,271
Facilities	\$1,115,134	\$897,686	\$2,012,820
Other Costs	\$12,125		\$12,125
Total	\$1,525,833	\$897,686	\$2,423,519

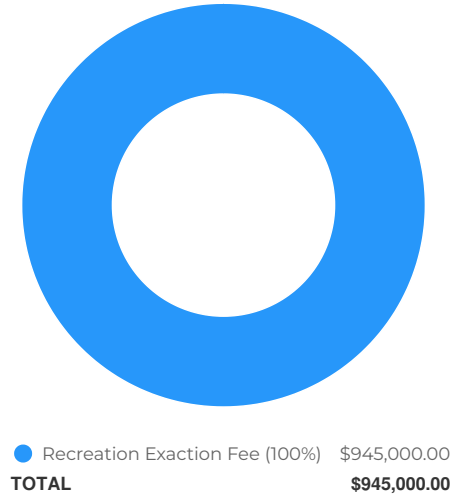
Funding Sources

Total To Date	FY2024 Budget	Total Budget (all years)	Project Total
\$1,478,519	\$945,000	\$945K	\$2.424M

Funding Sources by Year (Proposed)



Funding Sources for Budgeted Years (Proposed)

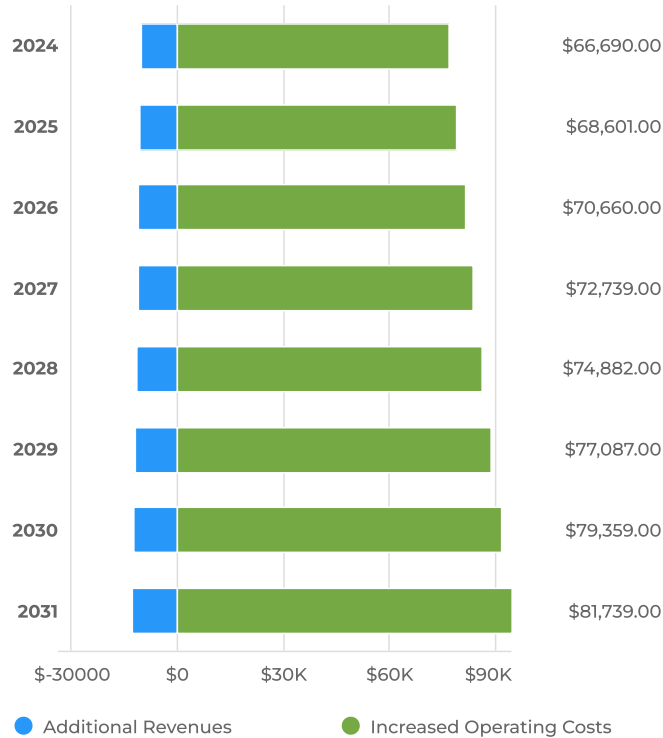


Funding Sources Breakdown			
Funding Sources	To Date	FY2024	Total
Grants, Gifts, Etc.	\$150,000		\$150,000
Recreation Exaction Fee	\$1,328,519	\$945,000	\$2,273,519
Total	\$1,478,519	\$945,000	\$2,423,519

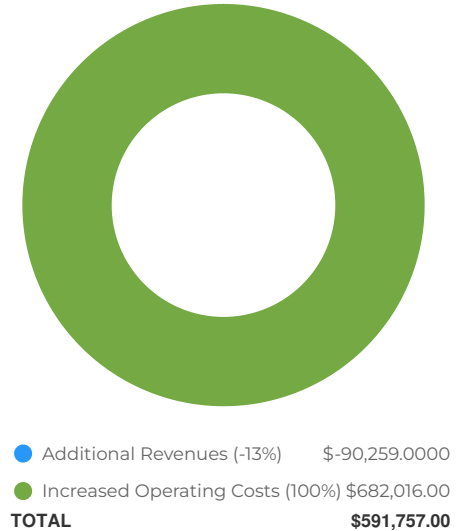
Operational Costs

Total To Date **\$318,286** FY2024 Budget **\$66,690** Total Budget (all years) **\$591.757K** Project Total **\$910.043K**

Operational Costs by Year (Proposed)



Operational Costs for Budgeted Years (Proposed)



Operational Costs Breakdown										
Operational Costs	To Date	FY2024	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	FY2031	Total
Additional Revenues	-\$3,580	-\$10,150	-\$10,455	-\$10,768	-\$11,091	-\$11,424	-\$11,767	-\$12,120	-\$12,484	-\$93,839
Increased Operating Costs	\$321,866	\$76,840	\$79,056	\$81,428	\$83,830	\$86,306	\$88,854	\$91,479	\$94,223	\$1,003,8
Total	\$318,286	\$66,690	\$68,601	\$70,660	\$72,739	\$74,882	\$77,087	\$79,359	\$81,739	\$910,04

This requests information is generated from , Proposed Version.

Parks - Northwest District Park Dam

Overview

Request Owner	J Stamey
Department	PARKS AND RECREATION
Type	Capital Improvement

Description

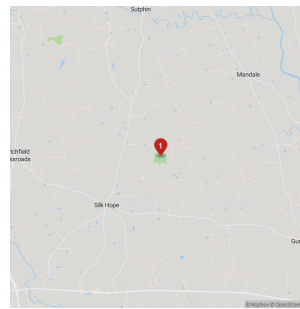
Professional services to address deficiencies for the Northwest District Park Dam. The North Carolina Dam Safety Program identifies the dam as Camp Marantha Lake Dam (State ID: Chath-026). The dam has been classified by NC Dam Safety as a low-hazard dam.

Details

Type of Project	New Construction
Fund	General Fund
Project Status (New/Existing)	Approved - Contracts Let (part)

Location

Address: 2413 Woody Store Road



Defined Problem

The NC Dept. of Environmental Quality (NCDEQ) completed a dam safety inspection in February 2022 and identified deficiencies with the dam such as trees, brush, woody vegetation, erosion, and depressions.

Recommended Solution

Address the issues identified by NCDEQ's dam safety inspection.

Alternatives

Do nothing. However, the Northwest District Park dam is a registered dam with the state of North Carolina, therefore it is subject to inspections. If current issues are not addressed, the dam will be out of compliance and the county will be subject to fines and charges.

Current Stage of Project

The county is working on a 3-year phasing plan to investigate, assess, and develop a repair design for the project. Part of the 3-year plan will include obtaining an engineering plan in order to address trees growing on the dam as many are over 3" in diameter. The engineering plan must be reviewed and approved by the state.

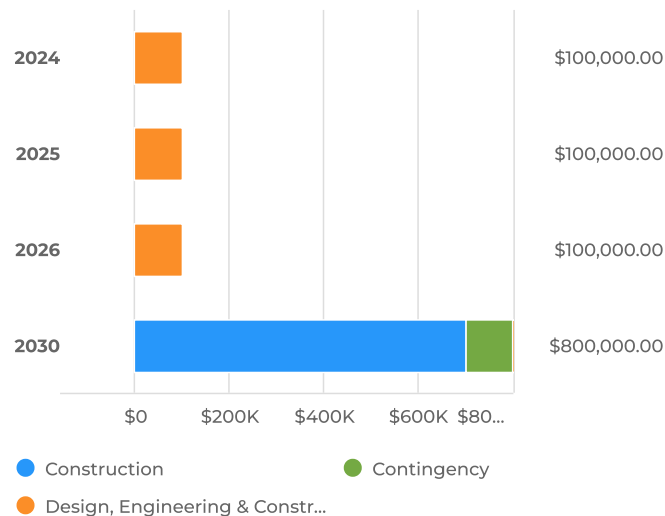
Professional Design

Engineering and construction services will be needed.

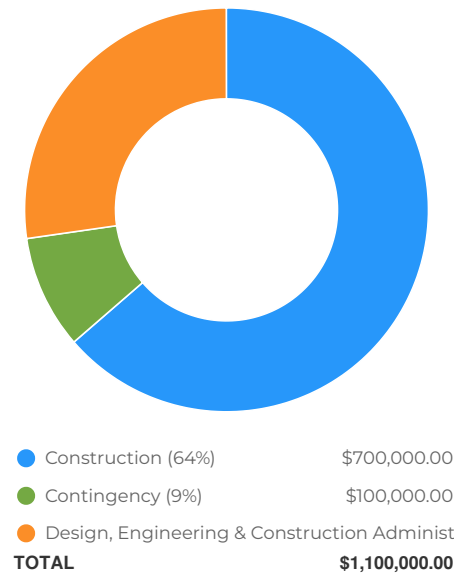
Capital Cost

FY2024 Budget **\$100,000** Total Budget (all years) **\$1.1M** Project Total **\$1.1M**

Capital Cost by Year (Proposed)



Capital Cost for Budgeted Years (Proposed)



Capital Cost Breakdown					
Capital Cost	FY2024	FY2025	FY2026	FY2030	Total
Construction				\$700,000	\$700,000
Contingency				\$100,000	\$100,000
Design, Engineering & Construction Administration	\$100,000	\$100,000	\$100,000		\$300,000
Total	\$100,000	\$100,000	\$100,000	\$800,000	\$1,100,000

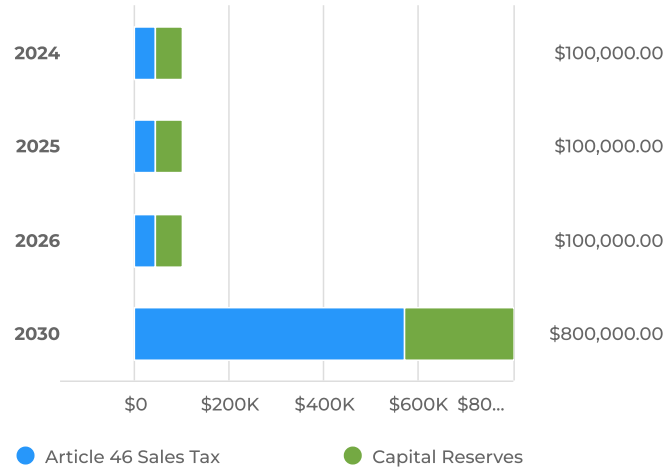
Funding Sources

FY2024 Budget
\$100,000

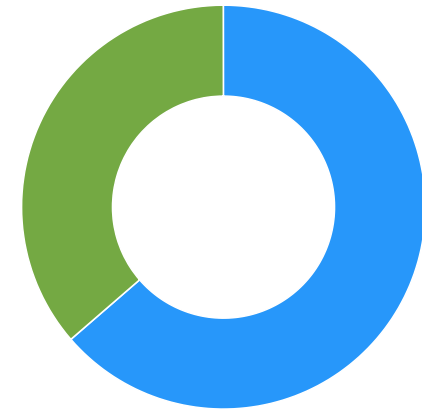
Total Budget (all years)
\$1.1M

Project Total
\$1.1M

Funding Sources by Year (Proposed)



Funding Sources for Budgeted Years (Proposed)



● Article 46 Sales Tax (64%) \$700,000.00
 ● Capital Reserves (36%) \$400,000.00
TOTAL \$1,100,000.00

Funding Sources Breakdown

Funding Sources	FY2024	FY2025	FY2026	FY2030	Total
Article 46 Sales Tax	\$42,857	\$42,857	\$42,857	\$571,429	\$700,000
Capital Reserves	\$57,143	\$57,143	\$57,143	\$228,571	\$400,000
Total	\$100,000	\$100,000	\$100,000	\$800,000	\$1,100,000

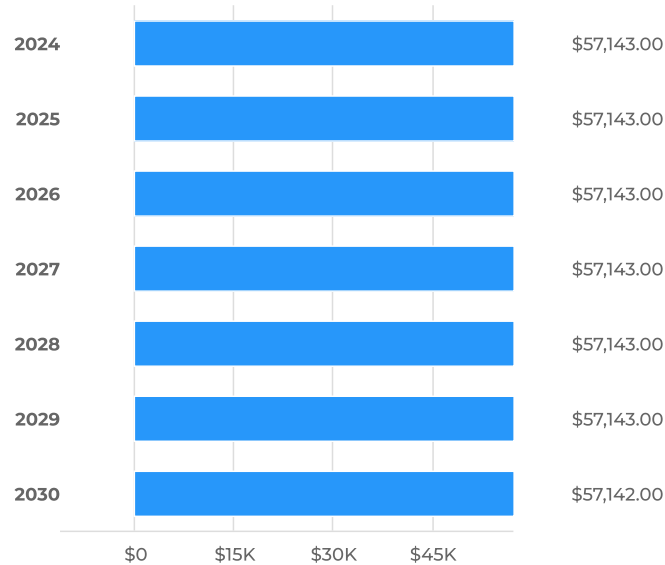
Operational Costs

FY2024 Budget
\$57,143

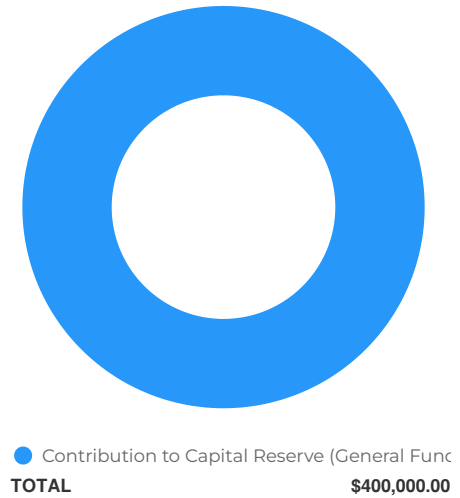
Total Budget (all years)
\$400K

Project Total
\$400K

Operational Costs by Year (Proposed)



Operational Costs for Budgeted Years (Proposed)



● Contribution to Capital Reserv...

Operational Costs Breakdown								
Operational Costs	FY2024	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	Total
Contribution to Capital Reserve (General Fund)	\$57,143	\$57,143	\$57,143	\$57,143	\$57,143	\$57,143	\$57,142	\$400,000
Total	\$57,143	\$57,143	\$57,143	\$57,143	\$57,143	\$57,143	\$57,142	\$400,000

This requests information is generated from , Proposed Version.

Parks - Parker's Ridge Park

Overview

Request Owner	J Stamey
Department	PARKS AND RECREATION
Type	Capital Improvement

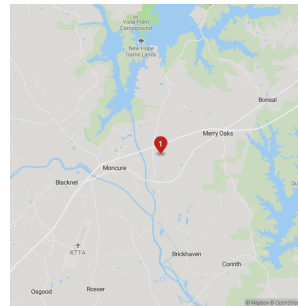
Description

Develop Parkers Ridge, a 147-acre park, on Pea Ridge Road in Moncure.

Details

Type of Project	New Construction
Fund	General Fund
Project Status (New/Existing)	Approved - No Contracts

Location



Supplemental Attachments

 [Parker's Ridge Phase 1 Diagram\(/resource/cleargov-prod/projects/documents/97adadd90bd88d50f49.pdf\)](/resource/cleargov-prod/projects/documents/97adadd90bd88d50f49.pdf)

Defined Problem

Moncure and the surrounding southeastern portion of Chatham County is considered an underserved area. In 2016 the county purchased 147 acres from the Lola Tart Parker Trust with the intent to preserve and use the land to benefit Moncure and all of Chatham County.

Recommended Solution

The preservation of this land for recreation and green space will help protect the beauty and rural character of Chatham County. Develop Parkers Ridge Park in phases. The first phase will begin by adding infrastructure (e.g. erosion control, site clearing, gravel drive and parking, grading, sidewalks, stormwater management features, and utilities), to be followed by amenities (playground, restrooms, nature trail, fishing pier and canoe launch, dog park and two multi-purpose fields). Subsequent phases could include amenities such as a picnic shelter, fitness course, inclusive playground, tennis and pickleball courts, a cricket lawn, and disc golf among others. A portion of American Rescue Plan Act (ARPA) funds are recommended to be applied to this project to enable it to begin in FY 2023.

Current Stage of Project

Design is anticipated to begin in FY 2023.

Professional Design

Land planning, architectural, design, engineering and construction services will be needed.

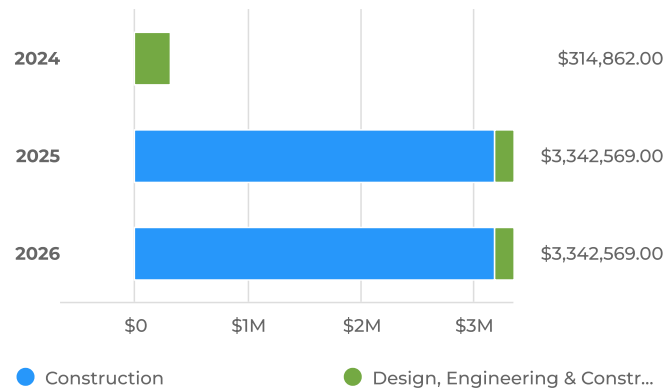
Operating Impact

Additional funding will be needed for park maintenance and staffing. Expense may be offset by additional revenue from rental of the field.

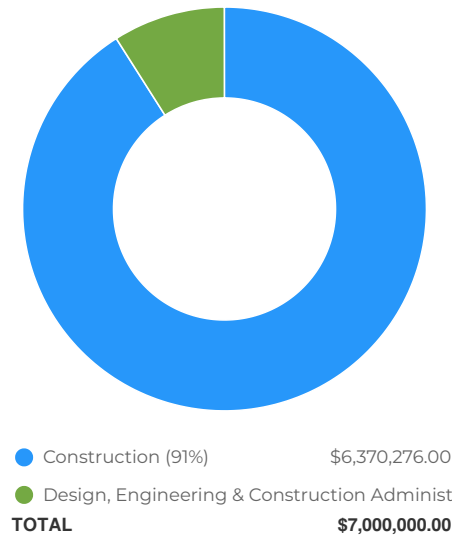
Capital Cost

FY2024 Budget	Total Budget (all years)	Project Total
\$314,862	\$7M	\$7M

Capital Cost by Year (Proposed)



Capital Cost for Budgeted Years (Proposed)



Capital Cost Breakdown

Capital Cost	FY2024	FY2025	FY2026	Total
Construction		\$3,185,138	\$3,185,138	\$6,370,276
Design, Engineering & Construction Administration	\$314,862	\$157,431	\$157,431	\$629,724
Total	\$314,862	\$3,342,569	\$3,342,569	\$7,000,000

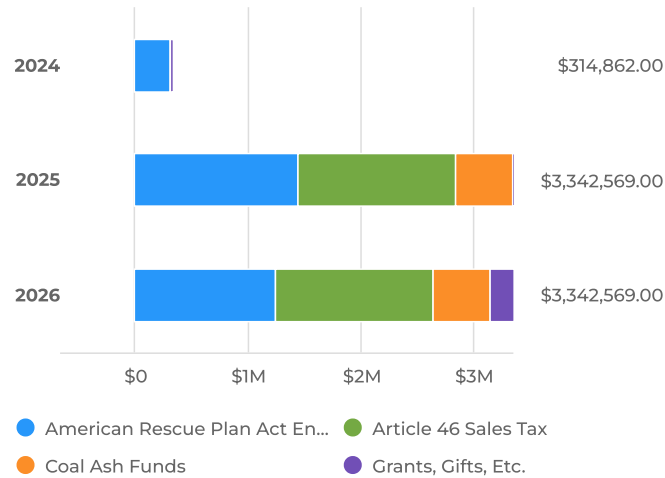
Funding Sources

FY2024 Budget
\$314,862

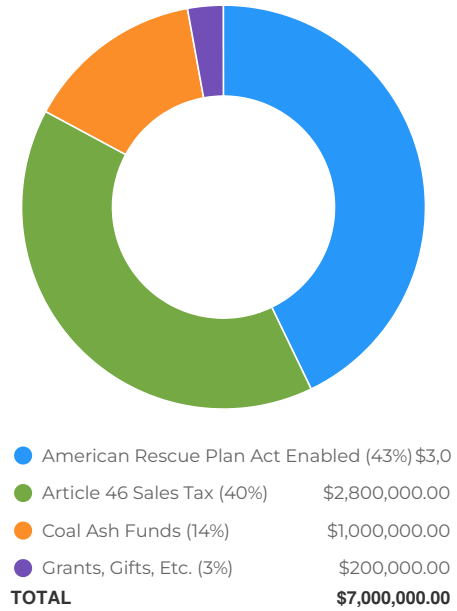
Total Budget (all years)
\$7M

Project Total
\$7M

Funding Sources by Year (Proposed)



Funding Sources for Budgeted Years (Proposed)



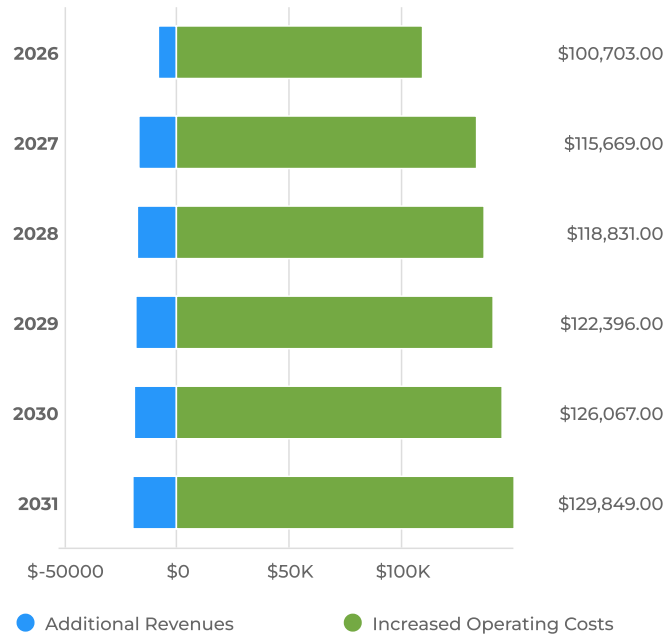
Funding Sources Breakdown				
Funding Sources	FY2024	FY2025	FY2026	Total
American Rescue Plan Act Enabled	\$314,862	\$1,442,569	\$1,242,569	\$3,000,000
Article 46 Sales Tax		\$1,400,000	\$1,400,000	\$2,800,000
Coal Ash Funds		\$500,000	\$500,000	\$1,000,000
Grants, Gifts, Etc.			\$200,000	\$200,000
Total	\$314,862	\$3,342,569	\$3,342,569	\$7,000,000

Operational Costs

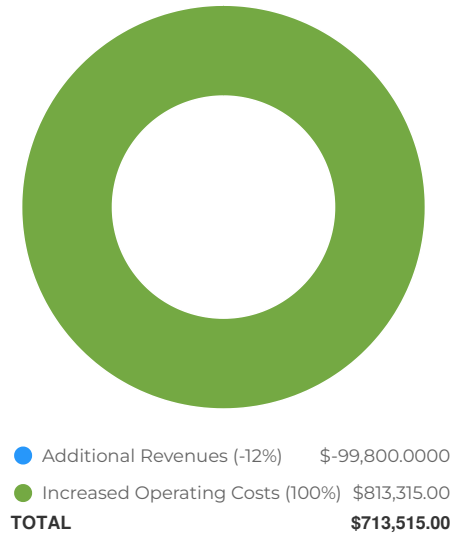
Total Budget (all years)
\$713.515K

Project Total
\$713.515K

Operational Costs by Year (Proposed)



Operational Costs for Budgeted Years (Proposed)



Operational Costs Breakdown							
Operational Costs	FY2026	FY2027	FY2028	FY2029	FY2030	FY2031	Total
Additional Revenues	-\$8,590	-\$17,180	-\$17,695	-\$18,226	-\$18,773	-\$19,336	-\$99,800
Increased Operating Costs	\$109,293	\$132,849	\$136,526	\$140,622	\$144,840	\$149,185	\$813,315
Total	\$100,703	\$115,669	\$118,831	\$122,396	\$126,067	\$129,849	\$713,515

This requests information is generated from , Proposed Version.

Parks - Trails - 15/501 and 64 River Access Restrooms

Overview

Request Owner	J Stamey
Department	PARKS AND RECREATION
Type	Capital Improvement

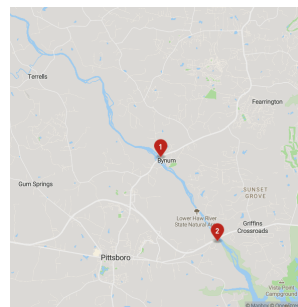
Description

Install prefabricated vault-style, single stall flush restrooms at 15/501 and 64 Haw River access areas. These “Greenflush” restrooms offer a flush toilet service for locations without sewer and water service via 2 underground tanks for potable and wastewater. Fresh water delivery and waste water removal services are required, as regular maintenance. The hand washing sink system includes a separate supply tank and UV filtration system, so water would be safe for drinking. Electric service would be required.

Details

Type of Project	New Construction
Fund	General Fund
Project Status (New/Existing)	New

Location



Defined Problem

The public survey indicated a strong desire for restrooms and water fountains at trail heads. There is no county water or sewer at either of these locations, which makes the vault toilet option most viable.

Recommended Solution

Install prefabricated vault-style, single stall flush restrooms at 15/501 and 64 Haw River access areas. These “Greenflush” restrooms offer a flush toilet service for locations without sewer and water service via 2 underground tanks for potable and wastewater. Fresh water delivery and waste water removal services required as regular maintenance. Hand washing sink system includes a separate supply tank and UV filtration system so water would be safe for drinking. Electric service would be required.

Alternatives

- Do nothing
- Rent porta-potties, not sure this would be ok at 64, in flood zone
- Build conventional restrooms, dig a well and install septic (not viable for 64, as its in the flood plain)

- Romtek vault toilets – lower cost, not flush toilets, no hand washing option, not certain it's appropriate for flood zone as a "toilet" is just an open tube down to a holding tank

Professional Design

The initial proposal for NCDOT at 15/501 and Pittsboro planning office for 64 include schematics and installation details, permitting required for 64 as it's in the flood zone. Encroachment agreement is needed for 15/501 as its in NCDOT ROW.

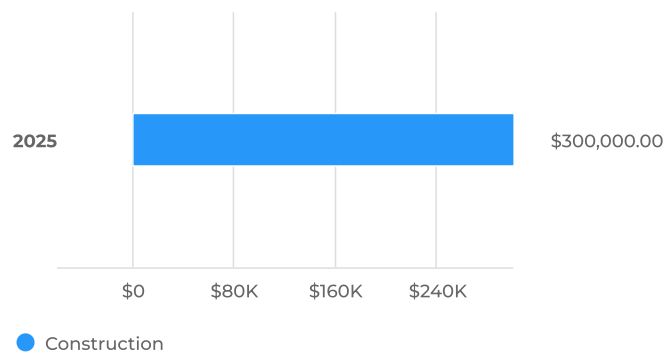
Operating Impact

There will be on going maintenance costs for water delivery, waste removal, cleaning the facility, and stocking with soap, toilet paper etc.

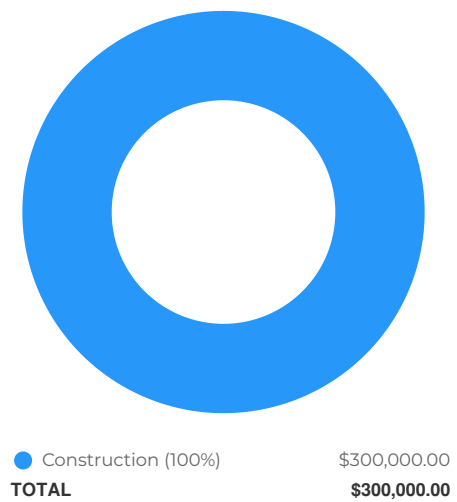
Capital Cost

Total Budget (all years) Project Total
\$300K **\$300K**

Capital Cost by Year (Proposed)



Capital Cost for Budgeted Years (Proposed)



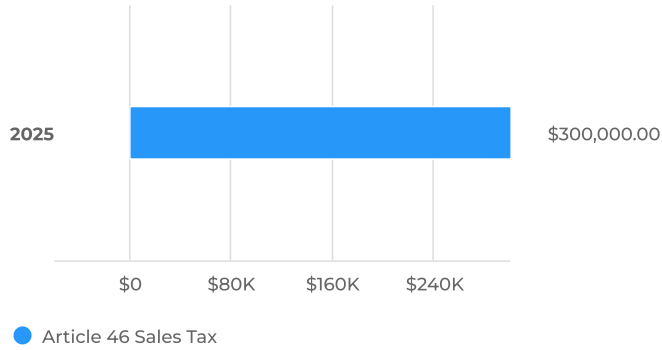
Capital Cost Breakdown		
Capital Cost	FY2025	Total
Construction	\$300,000	\$300,000
Total	\$300,000	\$300,000

Funding Sources

Total Budget (all years)
\$300K

Project Total
\$300K

Funding Sources by Year (Proposed)



Funding Sources for Budgeted Years (Proposed)



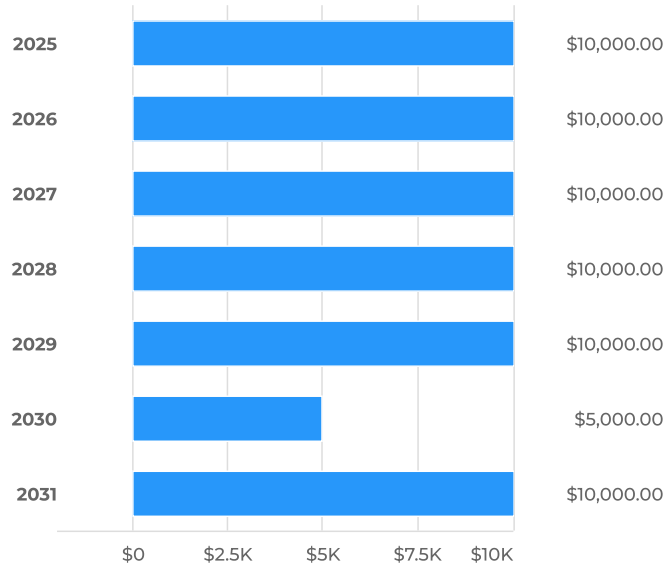
Funding Sources Breakdown		
Funding Sources	FY2025	Total
Article 46 Sales Tax	\$300,000	\$300,000
Total	\$300,000	\$300,000

Operational Costs

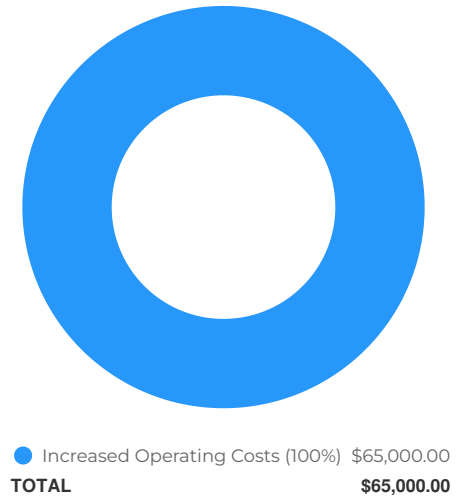
Total Budget (all years)
\$65K

Project Total
\$65K

Operational Costs by Year (Proposed)



Operational Costs for Budgeted Years (Proposed)



● Increased Operating Costs

Operational Costs Breakdown

Operational Costs	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	FY2031	Total
Increased Operating Costs	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$5,000	\$10,000	\$65,000
Total	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$5,000	\$10,000	\$65,000

SHERIFF REQUESTS

This requests information is generated from , Proposed Version.

County Buildings - Chatham County Detention Center Generator

Overview

Request Owner	Connor Wilkins
Department	SHERIFF
Type	Capital Improvement

Description

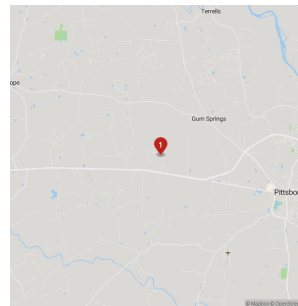
Purchase and install a second generator at the Detention Center.

Details

Type of Project	New Construction
Fund	General Fund
Project Status (New/Existing)	Approved - No Contracts

Location

Address: Chatham County Detention Center



Defined Problem

The generator that is currently integrated into the Detention Center's electrical system does not power the entire building as well as all daily needs for a prolonged power outage. Additionally, the current generator only powers one water heater for the kitchen and does not power any water heaters for shower usage or other needs.

Recommended Solution

Purchase and install a second generator to ensure the availability of office space for shelter needs and as an alternative emergency operations center.

Alternatives

Option 1: Rent a second generator as needed. During Hurricane Florence (September 2018), the County was quoted a price of \$30,000 to transport the generator to the Detention Center and an additional \$21,000 per week rental fee.

Option 2: Do nothing at this time. This would make it impossible to utilize the administration section of the Detention Center and necessitate staff sheltering elsewhere. Additionally, during a prolonged weather event, this alternative would require additional transportation of inmates to other facilities, in order to meet North Carolina Administrative Code requirements.

Professional Design

Electrical engineering services will be needed.

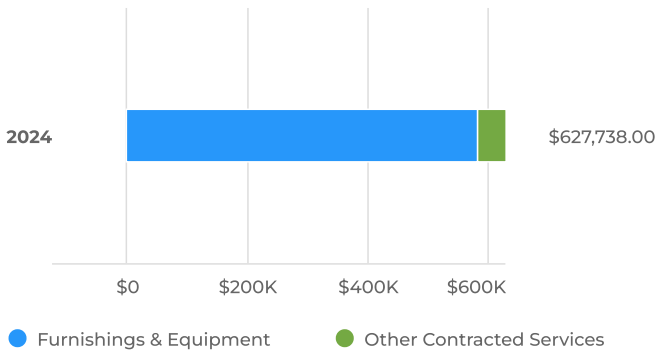
Operating Impact

Additional funds will be needed for fuel and a service contract.

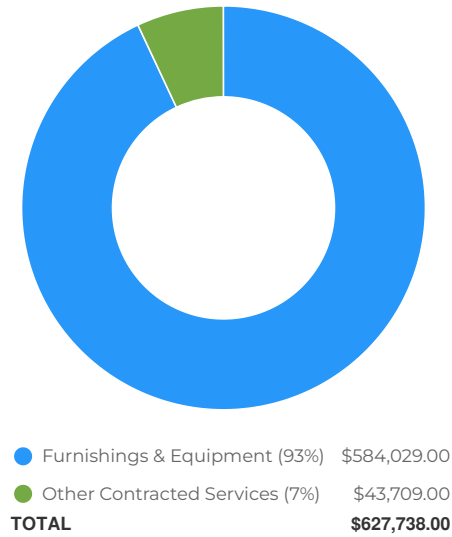
Capital Cost

FY2024 Budget	Total Budget (all years)	Project Total
\$627,738	\$627.738K	\$627.738K

Capital Cost by Year (Proposed)



Capital Cost for Budgeted Years (Proposed)

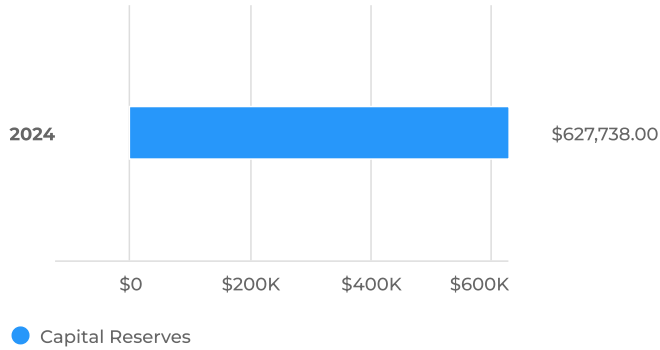


Capital Cost Breakdown			
Capital Cost	To Date	FY2024	Total
Other Contracted Services	\$0	\$43,709	\$43,709
Furnishings & Equipment	\$0	\$584,029	\$584,029
Total	\$0	\$627,738	\$627,738

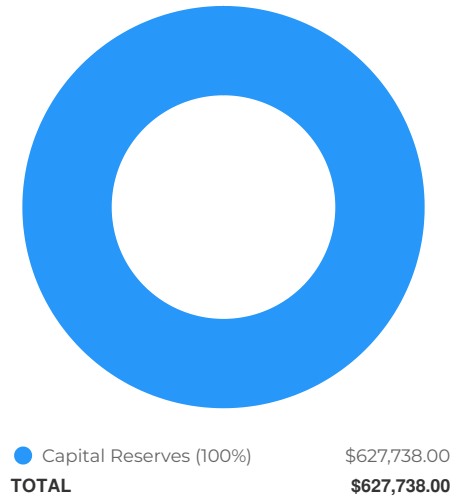
Funding Sources

FY2024 Budget **\$627,738**
 Total Budget (all years) **\$627.738K**
 Project Total **\$627.738K**

Funding Sources by Year (Proposed)



Funding Sources for Budgeted Years (Proposed)

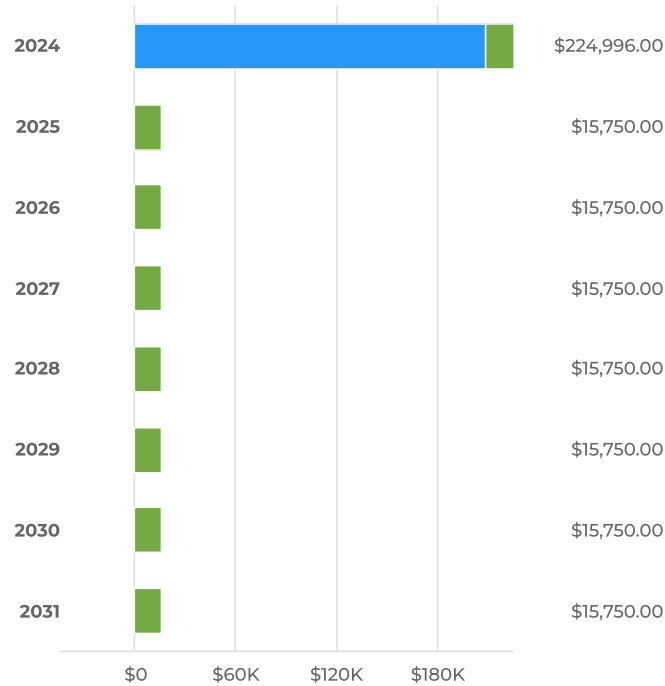


Funding Sources Breakdown			
Funding Sources	To Date	FY2024	Total
Capital Reserves	\$0	\$627,738	\$627,738
Total	\$0	\$627,738	\$627,738

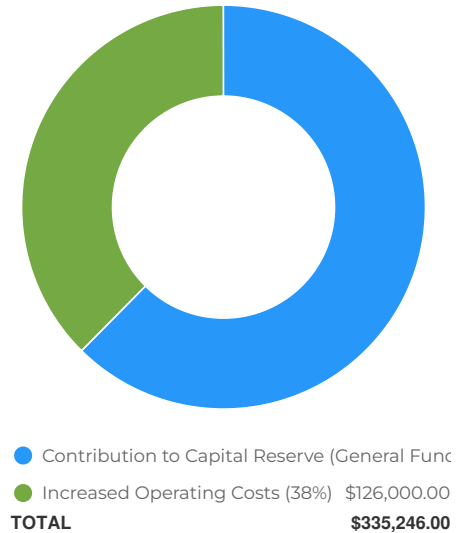
Operational Costs

Total To Date **\$418,492** FY2024 Budget **\$224,996** Total Budget (all years) **\$335.246K** Project Total **\$753.738K**

Operational Costs by Year (Proposed)



Operational Costs for Budgeted Years (Proposed)



● Contribution to Capital Reserv... ● Increased Operating Costs

Operational Costs Breakdown

Operational Costs	To Date	FY2024	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	FY2031	Total
Contribution to Capital Reserve (General Fund)	\$418,492	\$209,246								\$627,738
Increased Operating Costs		\$15,750	\$15,750	\$15,750	\$15,750	\$15,750	\$15,750	\$15,750	\$15,750	\$126,000
Total	\$418,492	\$224,996	\$15,750	\$15,750	\$15,750	\$15,750	\$15,750	\$15,750	\$15,750	\$753,738

This requests information is generated from , Proposed Version.

County Buildings - Complete Detention Center Final Cell Blocks

Overview

Request Owner	Connor Wilkins
Department	SHERIFF
Type	Capital Improvement
Project Number	3612916

Description

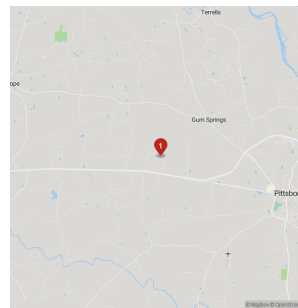
Complete construction of the final two cell blocks at the Chatham County Detention Center.

Details

Type of Project	New Construction
Fund	General Fund
Project Status (New/Existing)	Approved - No Contracts

Location

Address: Chatham County Detention Center



Defined Problem

When the Chatham County Detention Center was constructed, two cell blocks were left as shell space, to be completed in the future to accommodate growth. The current rise in the inmate population could result in more crowding in the existing cell blocks with potentially 3 inmates in a cell instead of 2 inmates in a cell. This could create more stress and safety concerns for inmates and staff, such as the increased potential for a physical altercation. Also, as the county population increases the inmate population is expected to increase. In addition, completion of two additional cell blocks would make it easier for the Detention Center to comply with the Prison Rape Elimination Act (PREA), passed by Congress in 2003. During the summer of 2021, the average daily population (ADP) of the Detention Center increased due to the slowdown in court activity caused by the pandemic. As courts resume and the backlog is addressed some decrease in the ADP is expected. Total capacity of the Detention Center is 110 beds. Maintaining an average daily population in the 90's puts inmates and staff at a high risk of danger. Maintaining an average daily population more than 85% of capacity makes inmate management extremely difficult and, in some cases, nearly impossible.

Recommended Solution

Plan to complete construction of the final two cell blocks of the Chatham County Detention Center. Utilize a portion of the funds available from the American Rescue Plan Act (ARPA) along with existing capital reserve funds to begin construction on this project in FY2023. Using ARPA funds to complete this high cost project will ease the burden on the large transfer that would be needed to be made to the capital reserve in the operating budget, thus freeing up capacity to address future needs.

Alternatives

Option 1: Increase effort for Pre-Trial release or other programs to keep inmates out of jail.

Option 2: House inmates at other jails or facilities as needed on a cost-per-day basis. This alternative will lead to additional operating costs due to increased transportation expenses.

Professional Design

Design, and construction services will be needed.

Operating Impact

Additional funds will be needed to operate a larger detention center.

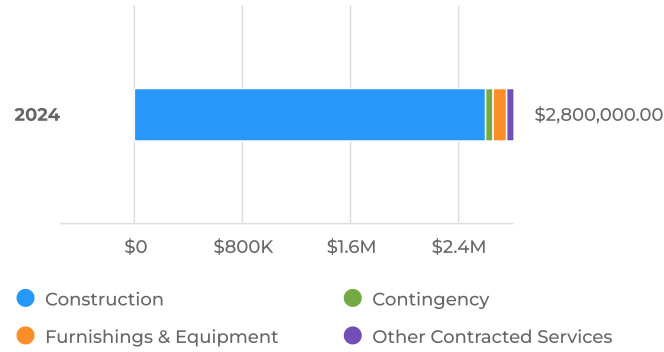
Capital Cost

FY2024 Budget
\$2,800,000

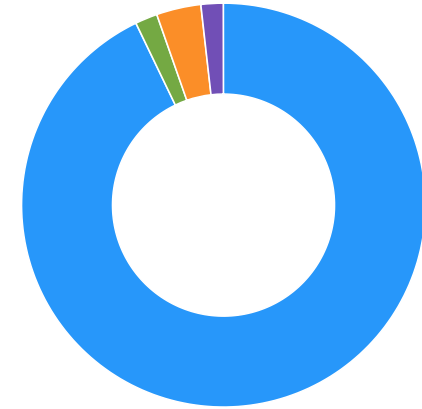
Total Budget (all years)
\$2.8M

Project Total
\$2.8M

Capital Cost by Year (Proposed)



Capital Cost for Budgeted Years (Proposed)



Construction (93%)	\$2,600,000.00
Contingency (2%)	\$50,000.00
Furnishings & Equipment (4%)	\$100,000.00
Other Contracted Services (2%)	\$50,000.00
TOTAL	\$2,800,000.00

Capital Cost Breakdown		
Capital Cost	FY2024	Total
Construction	\$2,600,000	\$2,600,000
Contingency	\$50,000	\$50,000
Other Contracted Services	\$50,000	\$50,000
Furnishings & Equipment	\$100,000	\$100,000
Total	\$2,800,000	\$2,800,000

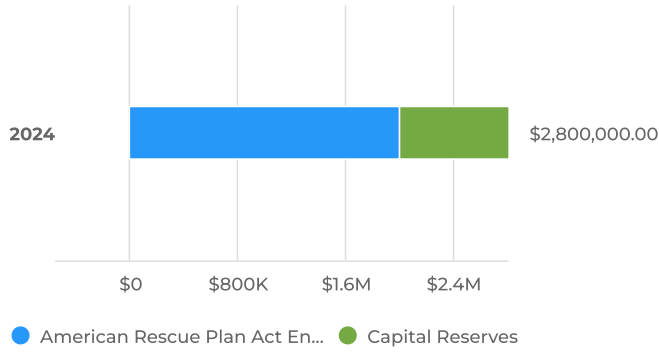
Funding Sources

FY2024 Budget
\$2,800,000

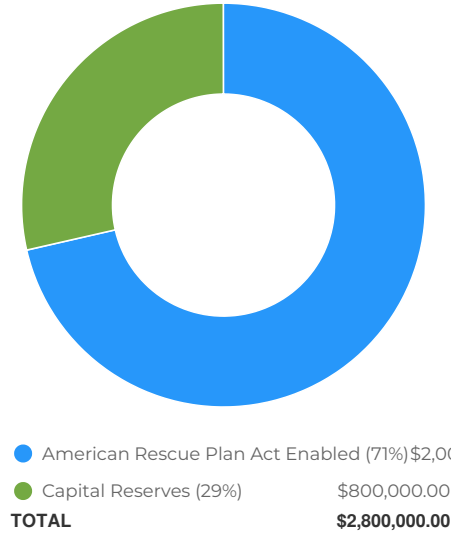
Total Budget (all years)
\$2.8M

Project Total
\$2.8M

Funding Sources by Year (Proposed)



Funding Sources for Budgeted Years (Proposed)

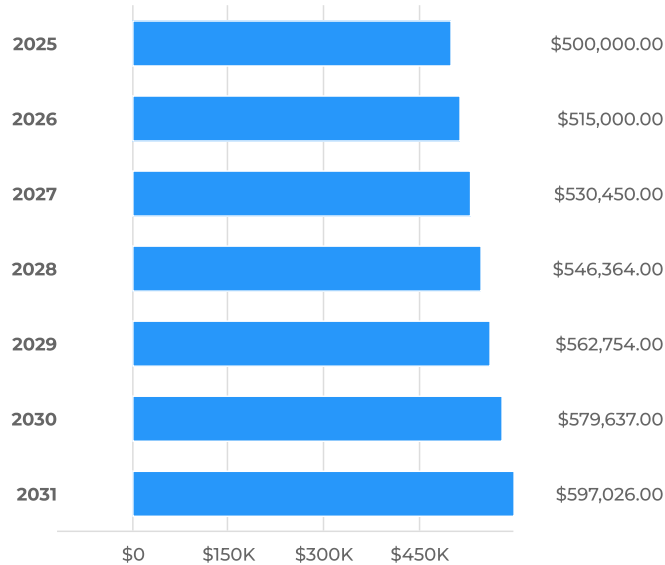


Funding Sources Breakdown		
Funding Sources	FY2024	Total
American Rescue Plan Act Enabled	\$2,000,000	\$2,000,000
Capital Reserves	\$800,000	\$800,000
Total	\$2,800,000	\$2,800,000

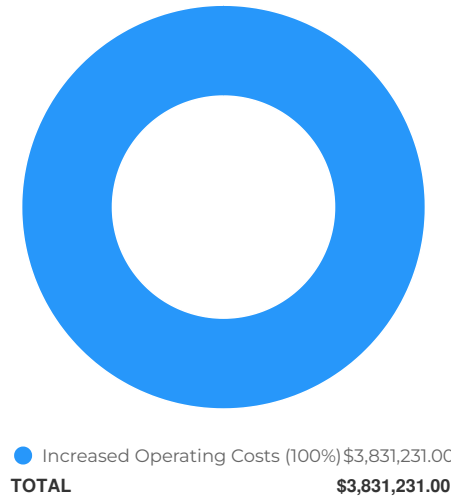
Operational Costs

Total To Date **\$800,000** Total Budget (all years) **\$3.831M** Project Total **\$4.631M**

Operational Costs by Year (Proposed)



Operational Costs for Budgeted Years (Proposed)



● Increased Operating Costs

Operational Costs Breakdown

Operational Costs	To Date	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	FY2031	Total
Contribution to Capital Reserve (General Fund)	\$800,000								\$800,000
Increased Operating Costs		\$500,000	\$515,000	\$530,450	\$546,364	\$562,754	\$579,637	\$597,026	\$3,831,231
Total	\$800,000	\$500,000	\$515,000	\$530,450	\$546,364	\$562,754	\$579,637	\$597,026	\$4,631,231

This requests information is generated from , Proposed Version.

County Buildings - Sheriff's Office Admin Building

Overview

Request Owner	Connor Wilkins
Department	SHERIFF
Type	Capital Improvement

Description

As Chatham County grows, it is necessary for a new Sheriff's Office administration building to be constructed to better meet the needs of a growing community. With the arrival of both Vinfast and WolfSpeed to Chatham County, local development will begin to skyrocket. The current administration building is dated and can not currently be used as an effective space for both citizens of Chatham County and employees of the Sheriff's Office. By constructing a new Sheriff's Office administration building, office space could be increased to match the need for new staff as well as the establishment of multi-use spaces for both internal and external meetings. A new Sheriff's Office administration building would not only have a positive impact on internal operations, but it would also provide a necessary upgrade that is needed for a growing and changing community.

Details

Type of Project	New Construction
Fund	General Fund
Project Status (New/Existing)	New

Defined Problem

The current Sheriff's Office administration building is old and outdated. It does not have the office space to effectively house the necessary staff nor does it have a designated meeting space/conference room. As a public-facing building, it also does not provide citizens with an effective way to use the services the Sheriff provides. The building is beginning to fail, as the A/C unit is consistently having problems and it does not drain well when it rains. As it currently stands, the Sheriff's Office admin building is too small and too old to effectively be used by both employees of the Sheriff's Office and citizens of Chatham County.

Recommended Solution

It is necessary to build a new Sheriff's Office administration building, both to increase the necessary office and meeting space needed by employees of the Sheriff as well as to provide the citizens of Chatham County with an updated building/facility to use.

Alternatives

Alternative #1-The current Sheriff's Office administration building could be renovated, but the expected costs of that in comparison to the return would not be a good ratio.

Alternative #2- Do nothing and the Sheriff's Office could continue to maintain its current occupation of the administration building, but it will soon grow out of it with the inclusion of any new officers in the coming years.

Current Stage of Project

This project has been discussed by the Sheriff both internally and externally. The County Manager's office is aware of the need for a new Sheriff's Office building, and has been in talks with Sheriff's Office staff about the project.

Relation to Other Projects

N/A

Description of Land Needs

Unknown at this time

Professional Design

Land surveys and architectural/construction drawings

Operating Impact

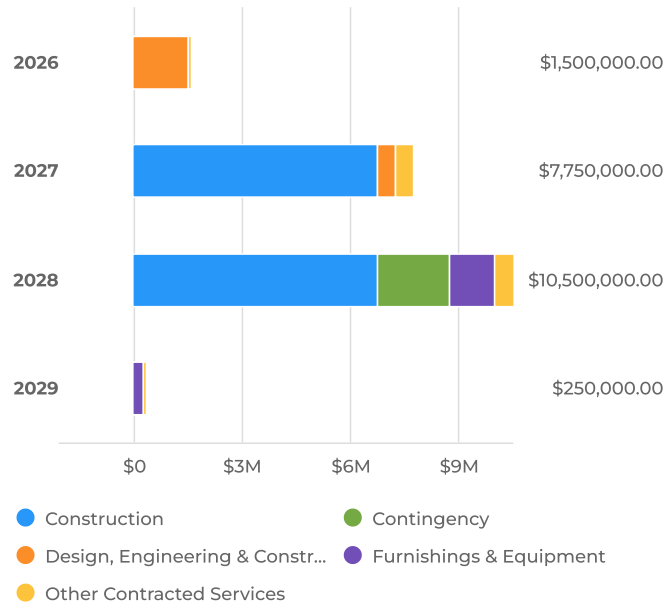
An increase in Sheriff's Office budget would be needed to accommodate the larger space as well as the increase in staff to occupy the new location.

Capital Cost

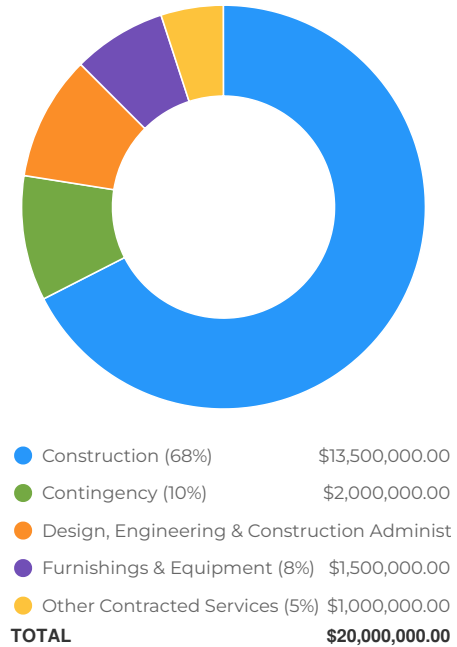
Total Budget (all years)
\$20M

Project Total
\$20M

Capital Cost by Year (Proposed)



Capital Cost for Budgeted Years (Proposed)



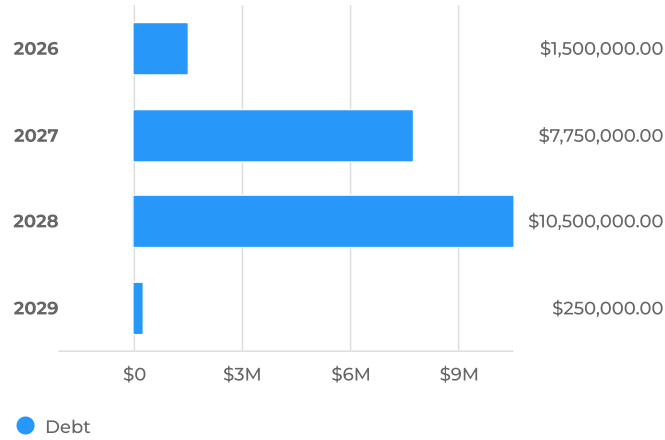
Capital Cost Breakdown					
Capital Cost	FY2026	FY2027	FY2028	FY2029	Total
Construction		\$6,750,000	\$6,750,000		\$13,500,000
Contingency			\$2,000,000		\$2,000,000
Other Contracted Services		\$500,000	\$500,000		\$1,000,000
Design, Engineering & Construction Administration	\$1,500,000	\$500,000			\$2,000,000
Furnishings & Equipment			\$1,250,000	\$250,000	\$1,500,000
Total	\$1,500,000	\$7,750,000	\$10,500,000	\$250,000	\$20,000,000

Funding Sources

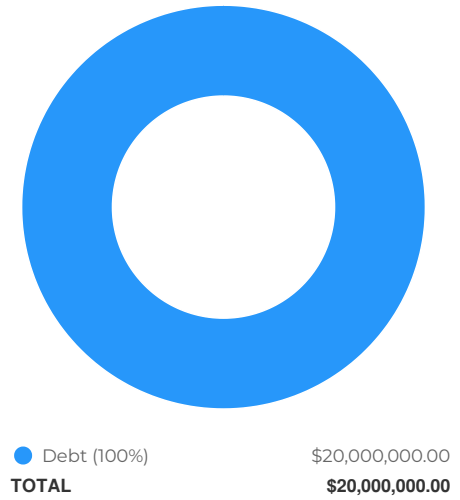
Total Budget (all years)
\$20M

Project Total
\$20M

Funding Sources by Year (Proposed)



Funding Sources for Budgeted Years (Proposed)



Funding Sources Breakdown					
Funding Sources	FY2026	FY2027	FY2028	FY2029	Total
Debt	\$1,500,000	\$7,750,000	\$10,500,000	\$250,000	\$20,000,000
Total	\$1,500,000	\$7,750,000	\$10,500,000	\$250,000	\$20,000,000

Operational Costs

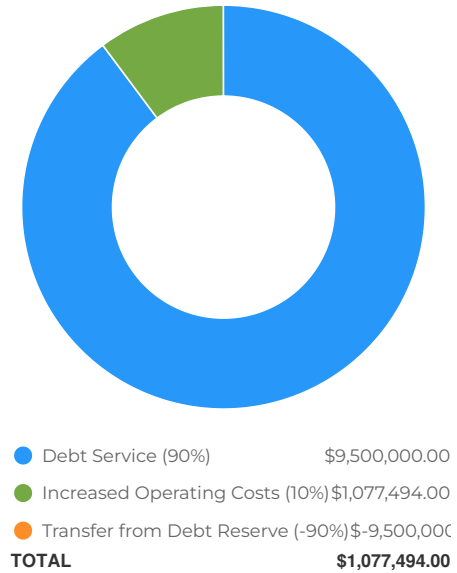
Total Budget (all years)
\$1.077M

Project Total
\$1.077M

Operational Costs by Year (Proposed)



Operational Costs for Budgeted Years (Proposed)



Operational Costs Breakdown

Operational Costs	FY2027	FY2028	FY2029	FY2030	FY2031	Total
Debt Service	\$2,000,000	\$1,950,000	\$1,900,000	\$1,850,000	\$1,800,000	\$9,500,000
Increased Operating Costs		\$257,550	\$265,277	\$273,235	\$281,432	\$1,077,494
Transfer from Debt Reserve	-\$2,000,000	-\$1,950,000	-\$1,900,000	-\$1,850,000	-\$1,800,000	-\$9,500,000
Total	\$0	\$257,550	\$265,277	\$273,235	\$281,432	\$1,077,494

This requests information is generated from , Proposed Version.

County Buildings - Sheriff's Office NE Chatham Substation

Overview

Request Owner	Connor Wilkins
Department	SHERIFF
Type	Capital Improvement

Description

As the population of Chatham County increases, it is necessary for a substation to be built for the Sheriff's Office in the northeastern section of the county. Currently, this is the most populous area of Chatham County and continues to be the area where the population rises at the highest rate. It is also the area of the county where the Sheriff's Office receives the most calls for service. A substation located in northeastern Chatham County that is properly staffed will allow the Sheriff's Office to better serve the needs of this area of the county over the current setup of officer coverage. This substation will allow for more officers to be stationed in the surrounding area and will lower response time and eliminate the need for call stacking.

Details

Type of Project	New Construction
Fund	General Fund
Project Status (New/Existing)	New

Defined Problem

- PROBLEM: Lack of efficient service/coverage in northeastern Chatham County
- REASONS: Increase in current area population/development, current understaffing of deputies and investigators

Recommended Solution

In order to remedy the lack of efficient service/coverage in northeastern Chatham County, the best solution would be to build a substation in this area for the Sheriff's Office. As evidenced in the *Description*, the Sheriff's Office coverage in this area of the county is lackluster at best and does not provide Chatham County residents with effective response times when they need an officer to respond to an incident. This substation should be staffed by at least 10 people, including sworn officers, investigators, and civilian administrative positions.

Alternatives

An already existing could be leased by the county to provide the Sheriff's Office with needed space in the northeastern area of the county, but this would require major investments in upfitting the space due to security concerns and the ability of the space to handle walk-ins. However, this would only be a temporary solution as the space could be outgrown quickly or it would not be able to provide the needed services for an ever changing population.

Description of Land Needs



Unknown at this time.

Professional Design

Architectural drawings and land surveys.

Operating Impact

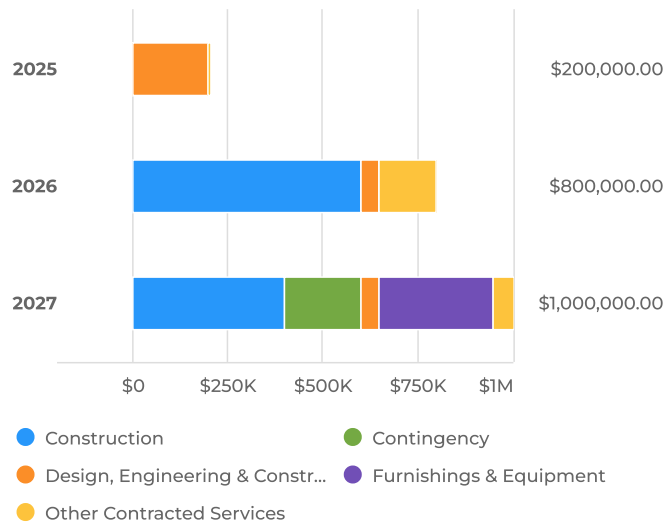
This substation will allow the Sheriff's Office to properly staff and serve northeastern Chatham County. This will change how the Sheriff's Office responds to calls for service, such as having dedicated zones and supervisors in this area to support the officers assigned to this substation. The true operational impact will be determined by how this substation is staffed.

Capital Cost

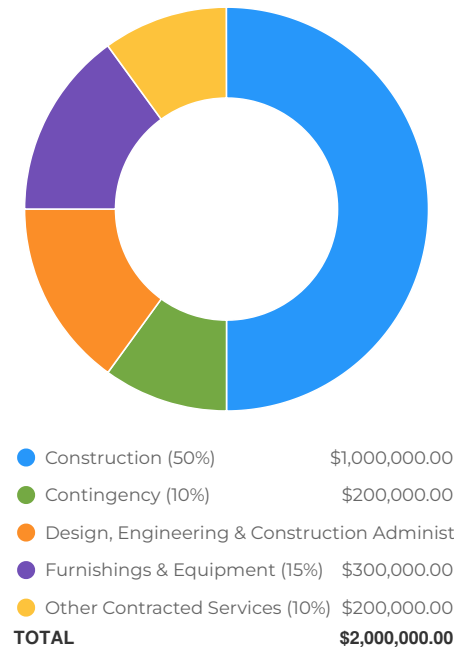
Total Budget (all years)
\$2M

Project Total
\$2M

Capital Cost by Year (Proposed)



Capital Cost for Budgeted Years (Proposed)



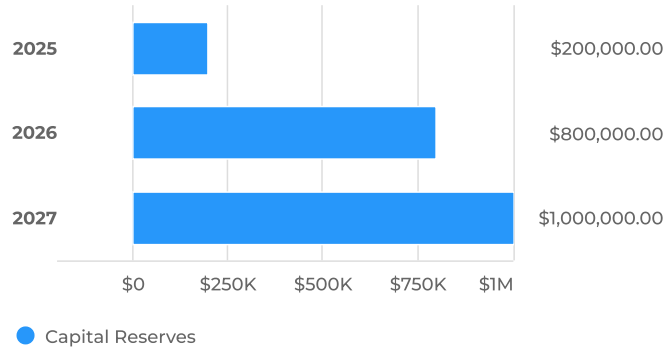
Capital Cost Breakdown				
Capital Cost	FY2025	FY2026	FY2027	Total
Construction		\$600,000	\$400,000	\$1,000,000
Contingency			\$200,000	\$200,000
Other Contracted Services		\$150,000	\$50,000	\$200,000
Design, Engineering & Construction Administration	\$200,000	\$50,000	\$50,000	\$300,000
Furnishings & Equipment			\$300,000	\$300,000
Total	\$200,000	\$800,000	\$1,000,000	\$2,000,000

Funding Sources

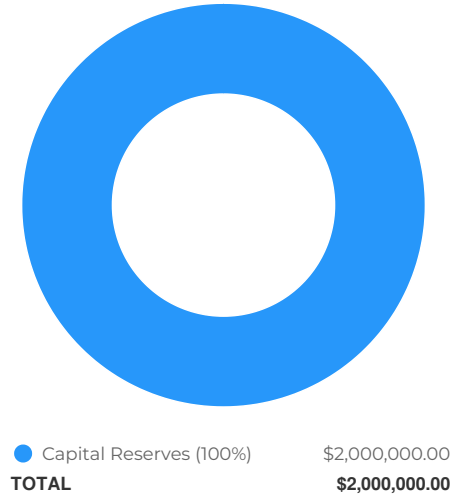
Total Budget (all years)
\$2M

Project Total
\$2M

Funding Sources by Year (Proposed)



Funding Sources for Budgeted Years (Proposed)

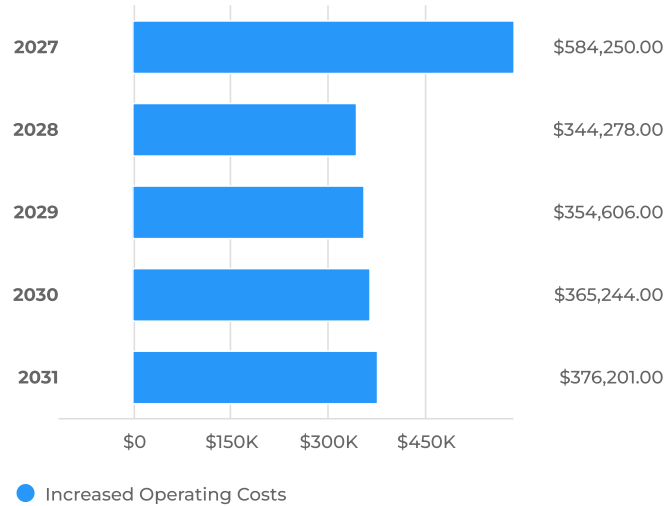


Funding Sources Breakdown				
Funding Sources	FY2025	FY2026	FY2027	Total
Capital Reserves	\$200,000	\$800,000	\$1,000,000	\$2,000,000
Total	\$200,000	\$800,000	\$1,000,000	\$2,000,000

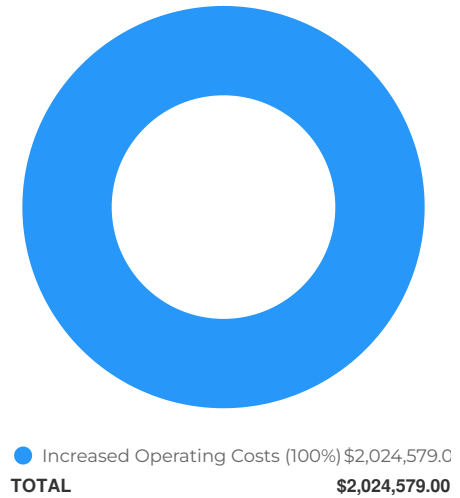
Operational Costs

Total To Date **\$2,000,000** Total Budget (all years) **\$2.025M** Project Total **\$4.025M**

Operational Costs by Year (Proposed)



Operational Costs for Budgeted Years (Proposed)



Operational Costs Breakdown							
Operational Costs	To Date	FY2027	FY2028	FY2029	FY2030	FY2031	Total
Contribution to Capital Reserve (General Fund)	\$2,000,000						\$2,000,000
Increased Operating Costs		\$584,250	\$344,278	\$354,606	\$365,244	\$376,201	\$2,024,579
Total	\$2,000,000	\$584,250	\$344,278	\$354,606	\$365,244	\$376,201	\$4,024,579

TAX - ADMINISTRATION REQUESTS

This requests information is generated from , Proposed Version.

Technology - Tax Software

Overview

Request Owner	Jenny Williams
Department	TAX - ADMINISTRATION
Type	Other

Description

Replace current software with a system that will provide improved functionality for staff and the public.

Details

Type of Project	New Construction
Fund	General Fund
Project Status (New/Existing)	Approved - Contracts Let

Defined Problem

The current Tax Office software is based on out-of-date programming languages (COBOL, RPG). Because it resided on an outdated platform (AS 400) with limited storage space, it was transitioned to a cloud-based solution. Availability of support and maintenance programmers is very limited. For normal appraisal usage, the software does not consider some of today's criteria (bedrooms, etc.) for appraising property. The system is slow and it is difficult to develop the queries needed to provide information to the public and to county staff. Requests for information from the public have increased and it can take from several hours to several days to write a query that will retrieve the requested data. Queries also play a critical role in the development of the county budget by providing information on sales ratios, percent changes, value changes, high and low values, foreclosures by area, neighborhood, township, etc. They are also needed to assist in the collection of delinquent taxes by pulling areas of high delinquencies and mapping them to visit.

Recommended Solution

Replace the existing tax software in approximately three to six years, depending on the county revaluation schedule. The replacement of tax software must be done so as not to effect revaluation.

Alternatives

One alternative is to take no action at this time. However, given the uncertainty of continued support, and the need to replace software without affecting a revaluation, this approach could impact county operations. Another alternative would be to develop custom software in-house, but the needed resources and skills are not available.

Current Stage of Project

The Tax Office received bids from seven software vendors and began the contract process in October 2021. The next reappraisal is scheduled to begin in FY 2023 and will be complete in January 2025. . Software has been purchased, and implementation beginning in 2022 is currently on schedule. Implementation of the new software should be complete within one year. CAMA residential went live in October 2022. CAMA commercial is scheduled to go live in December along with mobile and personal property. Collections will go live the beginning of July 2023. The final piece to go live will be the web portal at the end of July 2023.

Professional Design

The vendor will provide project management and guidance throughout the installation, including business process consulting, conversion of current data, training, and support.

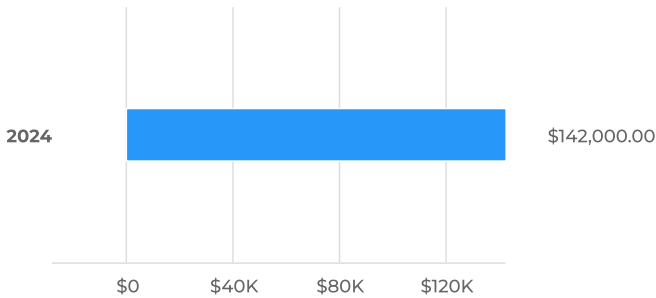
Operating Impact

There will be annual maintenance and license support fees.

Capital Cost

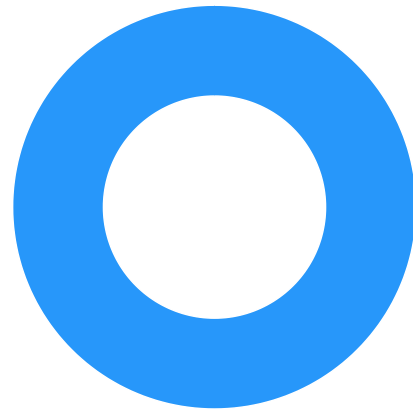
Total To Date	FY2024 Budget	Total Budget (all years)	Project Total
\$379,749	\$142,000	\$142K	\$521.749K

Capital Cost by Year (Proposed)



● Other Contracted Services

Capital Cost for Budgeted Years (Proposed)



● Other Contracted Services (100%) \$142,000.00
TOTAL \$142,000.00

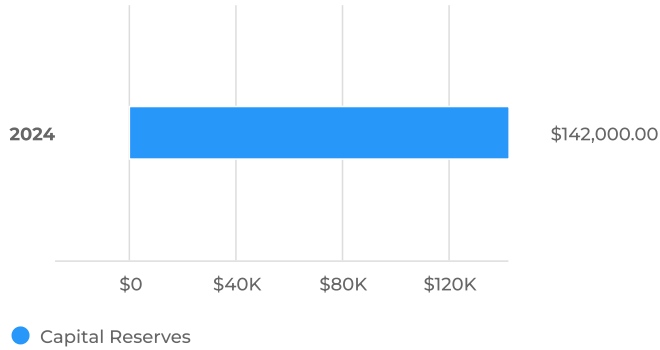
Capital Cost Breakdown

Capital Cost	To Date	FY2024	Total
Other Contracted Services		\$142,000	\$142,000
Furnishings & Equipment	\$379,749		\$379,749
Total	\$379,749	\$142,000	\$521,749

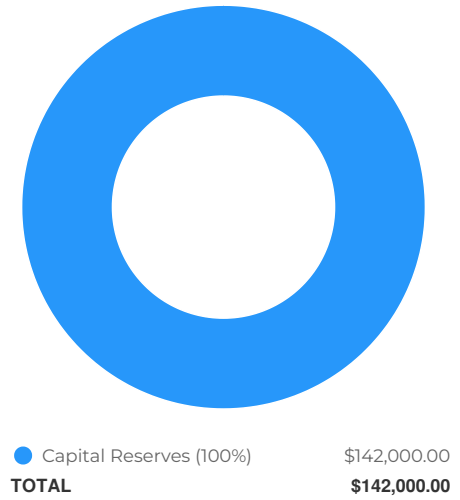
Funding Sources

Total To Date	FY2024 Budget	Total Budget (all years)	Project Total
\$379,749	\$142,000	\$142K	\$521.749K

Funding Sources by Year (Proposed)



Funding Sources for Budgeted Years (Proposed)

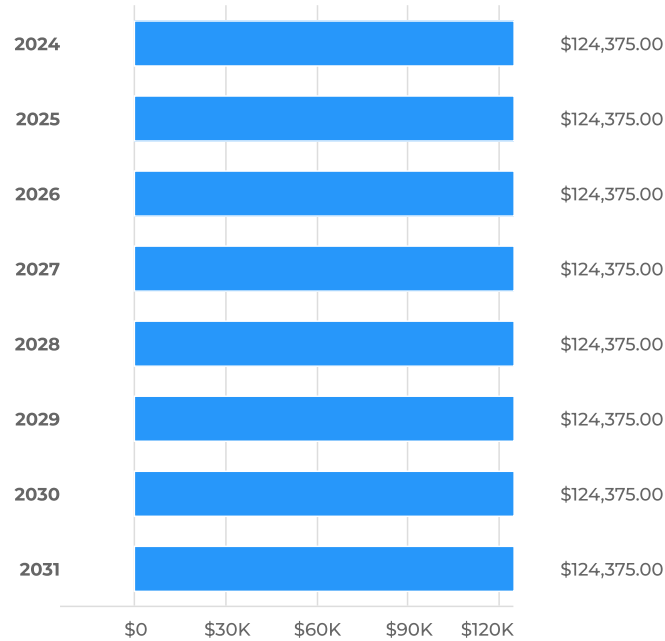


Funding Sources Breakdown			
Funding Sources	To Date	FY2024	Total
Capital Reserves	\$379,749	\$142,000	\$521,749
Total	\$379,749	\$142,000	\$521,749

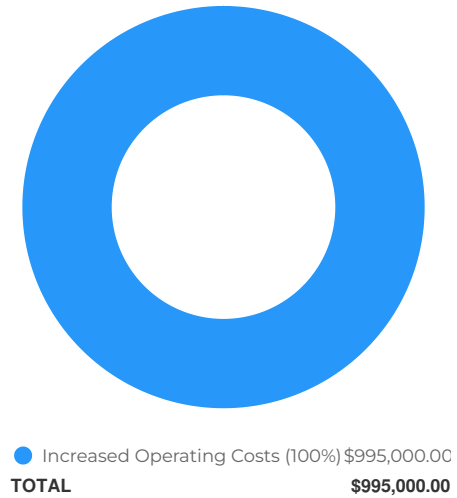
Operational Costs

Total To Date **\$1,198,897** FY2024 Budget **\$124,375** Total Budget (all years) **\$995K** Project Total **\$2.194M**

Operational Costs by Year (Proposed)



Operational Costs for Budgeted Years (Proposed)



● Increased Operating Costs

Operational Costs Breakdown

Operational Costs	To Date	FY2024	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	FY2031
Contribution to Capital Reserve (General Fund)	\$1,000,000								
Increased Operating Costs	\$198,897	\$124,375	\$124,375	\$124,375	\$124,375	\$124,375	\$124,375	\$124,375	\$124,375
Total	\$1,198,897	\$124,375	\$124,375	\$124,375	\$124,375	\$124,375	\$124,375	\$124,375	\$124,375

UTILITY FUND REQUESTS

This requests information is generated from , Proposed Version.

Water - Bynum Wastewater Treatment Plant Upgrade

Overview

Request Owner	Blake Mills
Department	UTILITY FUND
Type	Capital Improvement

Description

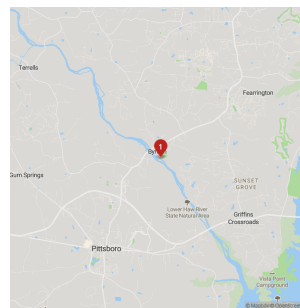
Freese Nichols has prepared a condition assessment of the Bynum Wastewater Treatment Plant (WWTP) and has recommended facility improvements.

Details

Type of Project	New Construction
Fund	Utilities
Project Status (New/Existing)	Approved - No Contracts

Location

Address: 214 Bynum Church Road



Defined Problem

The Bynum WWTP was originally constructed in 1977 for the Bynum Mill Village. The last capital improvements to the WWTP were performed around 2006. The WWTP is over 45 years and therefore, some infrastructure and equipment are reaching their useful life and need to be rehabilitated. The November 2, 2022, report by Freese Nichols recommends installing a platform for safety and operational efficiencies, new office/lab building, toilet, chemical storage, feed facilities, blowers, protective coating on aeration basins, replace WWTP internal piping, discharge piping and valves, replace electrical control panel, VDF panel, generator, ATS, and SCADA. replace perimeter fencing, additional site lighting and security improvements.

Recommended Solution

The WWTP is permitted for 25,000 gpd, however, Chatham County is only using about 4,000 gpd (16% of the capacity). During the period of August to October 2022, WWTP was temporarily shutdown to perform the condition assessment and perform general maintenance such as clean basins, crack seal the interior of the 5 aerations basins, replace the aeration diffusers, install drainage piping, and regrade the WWTP facility to mitigate the flooding and eliminated many of the safety issues. With the Pittsboro/Sanford merger, it is likely long-term that Pittsboro would cross the Haw River to annex new development that would occur on the West side of Highway 15-501. Therefore, instead of upgrading the Bynum WWTP, it would be better in the long-term plan to convert the Bynum WWTP to a sewer pumpstation that would pump to the proposed Pittsboro/Sanford sanitary sewer system that would cross the Haw River.

Alternatives

Wait till we know more about the future plans for Sanford/Pittsboro.

Current Stage of Project

Freese Nichols has prepared a Technical Memorandum titled "Bynum Wastewater Treatment Plant Condition Assessment" dated November 2, 2022.

Relation to Other Projects

The Bynum gravity sanitary sewer system that drains to the Bynum WWTP was rehabilitated using a trenchless lining method called "Cured in Place Pipe" (CIPP). The CIPP work was completed in November 2022.

Description of Land Needs

None

Operating Impact

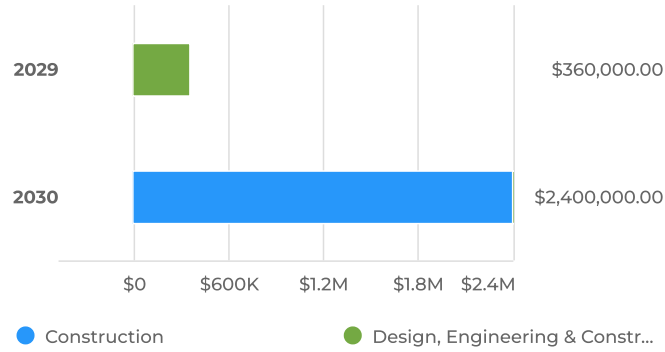
Operating budget impacts are expected to be minimal, because the WWTP improvements should result in operational efficiencies that somewhat reduce staff time and it is not expected to increase material costs.

Capital Cost

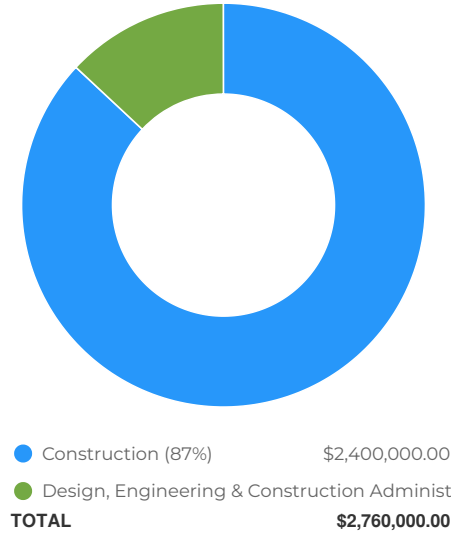
Total Budget (all years)
\$2.76M

Project Total
\$2.76M

Capital Cost by Year (Proposed)



Capital Cost for Budgeted Years (Proposed)



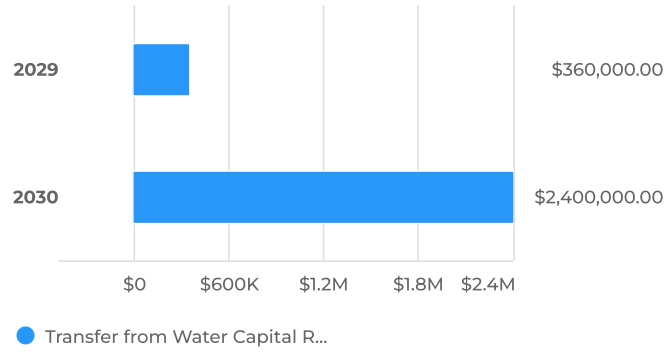
Capital Cost Breakdown				
Capital Cost	To Date	FY2029	FY2030	Total
Construction	\$0		\$2,400,000	\$2,400,000
Design, Engineering & Construction Administration	\$0	\$360,000		\$360,000
Total	\$0	\$360,000	\$2,400,000	\$2,760,000

Funding Sources

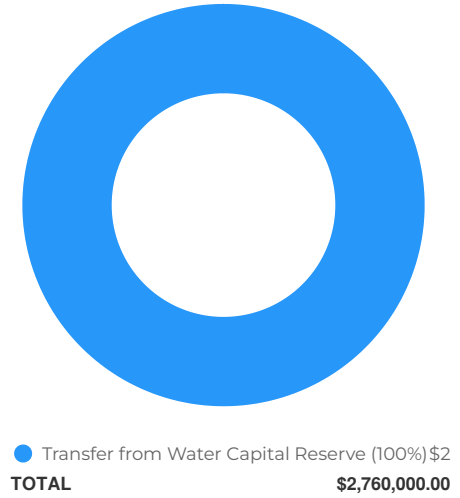
Total Budget (all years)
\$2.76M

Project Total
\$2.76M

Funding Sources by Year (Proposed)



Funding Sources for Budgeted Years (Proposed)

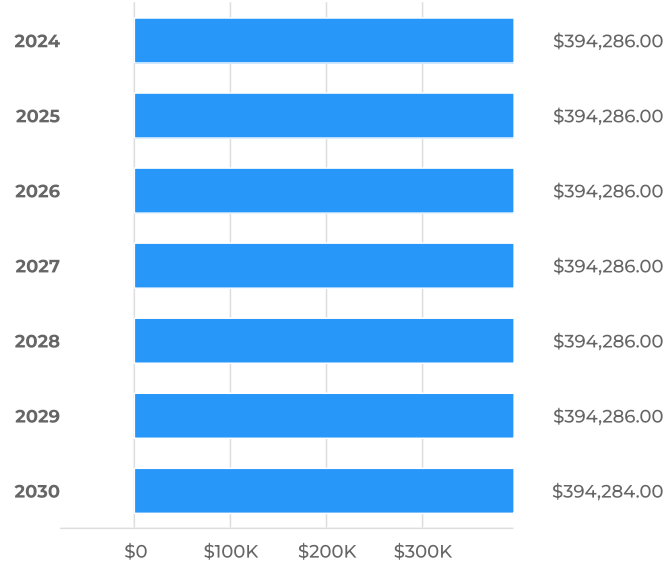


Funding Sources Breakdown				
Funding Sources	To Date	FY2029	FY2030	Total
Transfer from Water Capital Reserve	\$0	\$360,000	\$2,400,000	\$2,760,000
Total	\$0	\$360,000	\$2,400,000	\$2,760,000

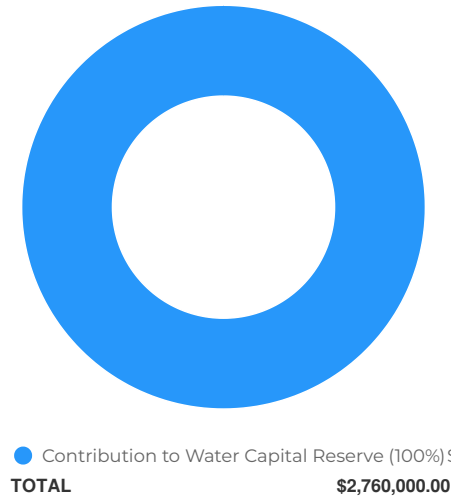
Operational Costs

FY2024 Budget **\$394,286** Total Budget (all years) **\$2.76M** Project Total **\$2.76M**

Operational Costs by Year (Proposed)



Operational Costs for Budgeted Years (Proposed)



● Contribution to Water Capital ...

Operational Costs Breakdown									
Operational Costs	To Date	FY2024	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	Total
Contribution to Water Capital Reserve	\$0	\$394,286	\$394,286	\$394,286	\$394,286	\$394,286	\$394,286	\$394,284	\$2,760,000
Total	\$0	\$394,286	\$394,286	\$394,286	\$394,286	\$394,286	\$394,286	\$394,284	\$2,760,000

This request information is generated from , Proposed Version.

Water - Haywood Water Main Replacement

Overview

Request Owner	Blake Mills
Department	UTILITY FUND
Type	Capital Improvement
Project Number	5736313

Description

Replace the existing four-inch water main under the railroad tracks on Haywood Road with a six-inch water main.

Details

Type of Project	New Construction
Fund	Utilities
Project Status (New/Existing)	Approved - No Contracts

Defined Problem

As part of the Southeast Water District project completed in 2010, a six-inch water main was installed along Haywood Road, Moncure Loop and River Point Road. These lines do not provide adequate fire protection because of a four-inch section that crosses the CSX railroad tracks on Haywood Road. North Carolina Department of Environmental Quality (NCDEQ) requires all fire hydrants be served by a minimum six-inch water line. This four-inch section prevents the fire department from utilizing fire hydrants in the area. Instead, fire departments must fill pumper trucks with water from the nearest water point. If the fire hydrants were usable, the fire department rating might improve and the insurance premiums might decrease.

Recommended Solution

Replace the existing four-inch water main under the railroad tracks with an eight-inch water main and connect the six-inch water main along old US 1 with the eight -inch water main on Haywood Road. This project is put on "Hold" pending the Water Master Plan which will likely prioritize other projects ahead of this project. The Water Master Plan will be completed by June 30, 2024.

Alternatives

The only alternative is to do nothing, which would prevent the fire department from utilizing the hydrants and continue the inability to provide minimal fire flow requirements set forth by NCDEQ.

Current Stage of Project



Originally, the plan was to bore under the railroad tracks, but the bids received for the project were over budget. The lowest bid was \$395,485. Due to excessive costs, the county explored the option of tying the waterline to the existing bridge. NCDOT did not approve tying the waterline to the bridge. This project has been put on "Hold" pending the Water Master Plan which will likely prioritize other projects ahead of this project. The Water Master Plan will be completed by June 30, 2024.

Relation to Other Projects

The project is related to the Southeast Water District completed in 2010. Because of funding limitations, the budget did not cover replacing this section of the water line.

Description of Land Needs

None

Professional Design

Engineering, surveying, and construction phase services are under contract. The required railroad encroachment is under review and the North Carolina Department of Transportation (NCDOT) and Moncure Fire Department approvals have been obtained.

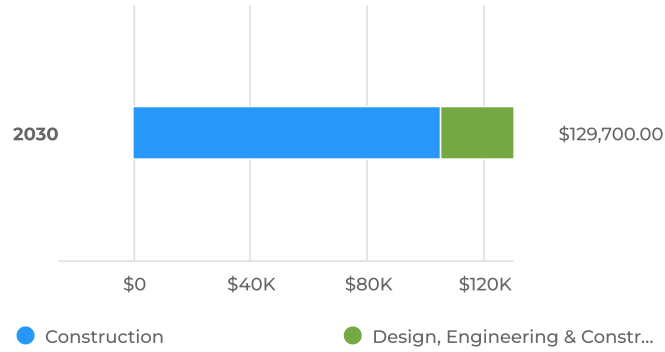
Operating Impact

None.

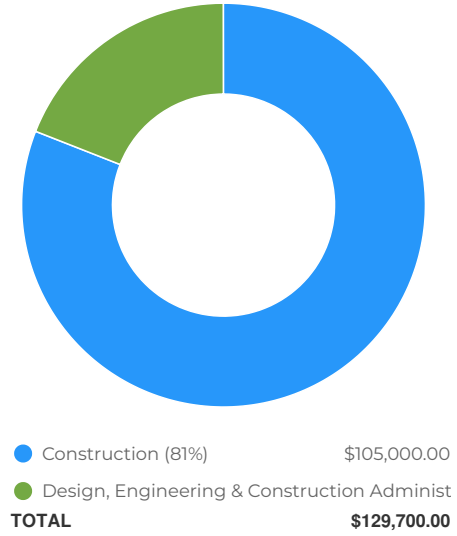
Capital Cost

Total To Date **\$30,192** Total Budget (all years) **\$129.7K** Project Total **\$159.892K**

Capital Cost by Year (Proposed)



Capital Cost for Budgeted Years (Proposed)

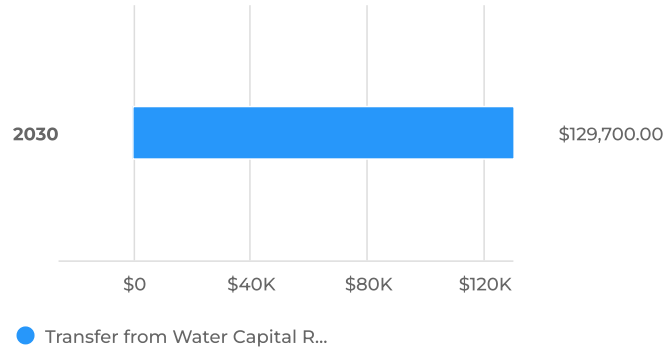


Capital Cost Breakdown			
Capital Cost	To Date	FY2030	Total
Construction	\$7,100	\$105,000	\$112,100
Design, Engineering & Construction Administration	\$23,092	\$24,700	\$47,792
Total	\$30,192	\$129,700	\$159,892

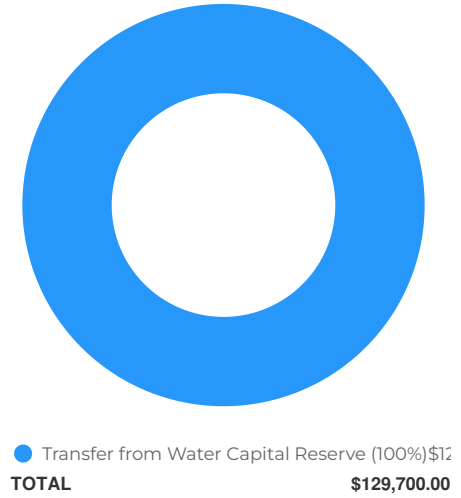
Funding Sources

Total To Date Total Budget (all years) Project Total
\$30,192 **\$129.7K** **\$159.892K**

Funding Sources by Year (Proposed)



Funding Sources for Budgeted Years (Proposed)



Funding Sources Breakdown			
Funding Sources	To Date	FY2030	Total
Transfer from Water Capital Reserve	\$30,192	\$129,700	\$159,892
Total	\$30,192	\$129,700	\$159,892

This request information is generated from , Proposed Version.

Water - Hydrant Replacement Program Using ARPA Funding

Overview

Request Owner	Blake Mills
Department	UTILITY FUND
Type	Capital Improvement

Description

Chatham County has allocated American Rescue Plan Act (ARPA) funding in the amount of \$1,000,000 for hydrant repair and replacement. Public Utilities plans to use the ARPA funding for the replacement of hydrants that are not operable and beyond repair. We plan on buying about 25 hydrants directly for inventory which will be installed by Distribution Crews over the next two years. Distribution crews will focus on higher priority hydrant replacements. In addition, Chatham County Utilities plans to put out a request for bids for a contractor to replace approximately 50-75 inoperable hydrants throughout the County Water Systems. Construction contracts need to be in-place by December 31, 2024 and the work has to be completed by December 31, 2026.

Details

Type of Project	Replacement
Fund	Utilities
Project Status (New/Existing)	Approved - No Contracts

Defined Problem

Chatham County Public Utilities has over 100 inoperable hydrants that need to be replaced.

Recommended Solution

Use the \$1,000,000 in ARPA fund grant to purchase 25 hydrants for Public Utility Staff inventory and use the remainder of the ARPA funds to invite formal bids from contractors to replace hydrants.

Alternatives

Chatham County could use the money to purchase all the hydrants (approximately 160), and use existing staff to replace the hydrants. However, this would take over 5 years to complete the project given the limited staff available to do the work, would be a challenge to find space for the inventory and would take away from other important work such as preventative maintenance.

Current Stage of Project

Project not started

Relation to Other Projects

Not related to other projects.

Description of Land Needs

None, work is performed in Public ROW's or easements

Professional Design

Not required for replacements.

Operating Impact

Distribution crews will install about 2 hydrants a month over the next two years.

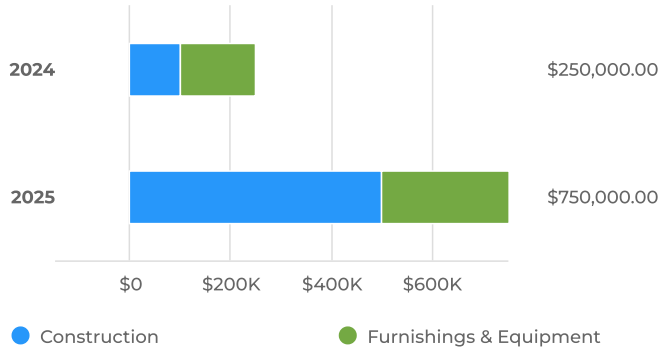
Capital Cost

FY2024 Budget
\$250,000

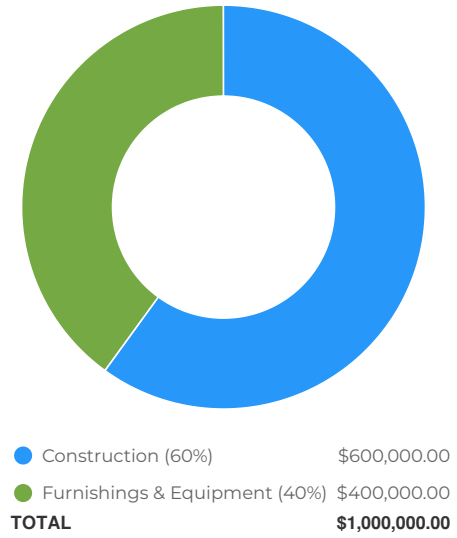
Total Budget (all years)
\$1M

Project Total
\$1M

Capital Cost by Year (Proposed)



Capital Cost for Budgeted Years (Proposed)

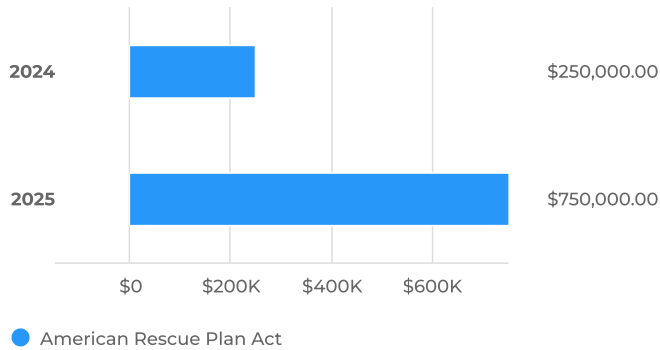


Capital Cost Breakdown			
Capital Cost	FY2024	FY2025	Total
Construction	\$100,000	\$500,000	\$600,000
Furnishings & Equipment	\$150,000	\$250,000	\$400,000
Total	\$250,000	\$750,000	\$1,000,000

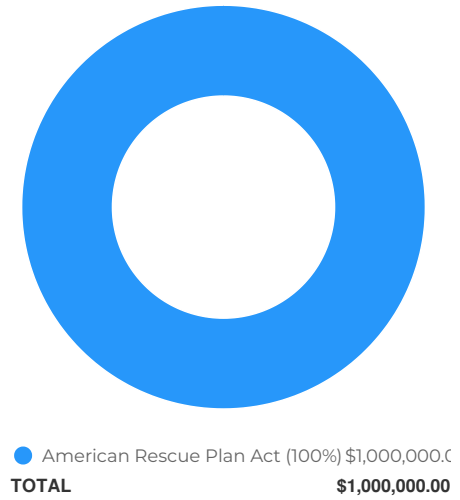
Funding Sources

FY2024 Budget **\$250,000** Total Budget (all years) **\$1M** Project Total **\$1M**

Funding Sources by Year (Proposed)



Funding Sources for Budgeted Years (Proposed)



Funding Sources Breakdown			
Funding Sources	FY2024	FY2025	Total
American Rescue Plan Act	\$250,000	\$750,000	\$1,000,000
Total	\$250,000	\$750,000	\$1,000,000

This requests information is generated from , Proposed Version.

Water - Looping Watermain Hatley Road

Overview

Request Owner	Blake Mills
Department	UTILITY FUND
Type	Capital Improvement

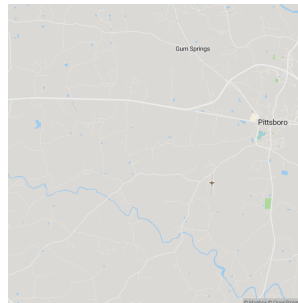
Description

Looping 12-Inch Watermain on Hatley Road to connect Mount Gilead watermain to Big Woods Road watermain.

Details

Type of Project	New Construction
Fund	Utilities
Project Status (New/Existing)	New

Location



Defined Problem

The Big Woods Road existing 12-inch watermain has approx, 1,078 customers on a dead-end watermain. We previously had a watermain break on Big Woods Road that shut down water service to over a 1,000 customers. It is good engineering practice to not have more than 100 customers on a single watermain feed. The Mount Gilead Road watermain is at the far reaches of the North Water System and is also high in elevation which results in frequent water pressure issues, whenever, we flow water hydrants, shut valves or have watermain breaks. We try not to flow water hydrants unless the water pumps are running because this can cause water pressure issues in the Mount Gilead area.

Recommended Solution

Install 7,900 feet of 12-inch watermain on Hatley Road and 2,850 feet of 16-inch watermain on Mount Gilead Road which will loop the Big Woods Road watermain to the Mount Gilead Road watermain.

Alternatives

The WIP WTP will provide transmission lines that will loop the watermain, however, this is not expected to be completed until 2031.

Current Stage of Project

No previous work done.

Relation to Other Projects

The WIP WTP will provide transmission lines that will loop the watermains, however, this is not expected to be completed until 2031.

Description of Land Needs

Watermain is proposed through existing NCDOT ROW's, excepting 2,200 feet of Hatley Road that is located within a private ROW, which will require a 20 foot wide water main easement.

Professional Design

Engineer to design, permit, bid and provide project, contract and construction management services.

Operating Impact

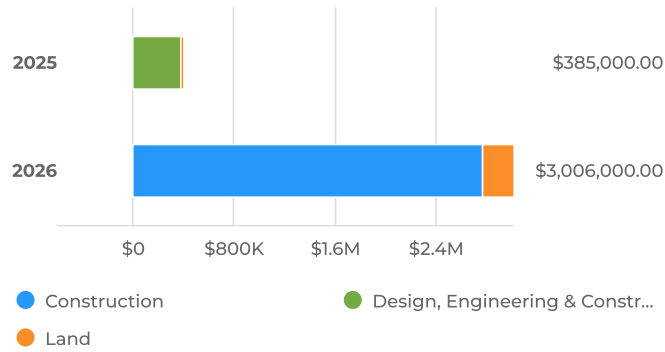
Staff time is minimal because the design, project management and construction is contracted out.

Capital Cost

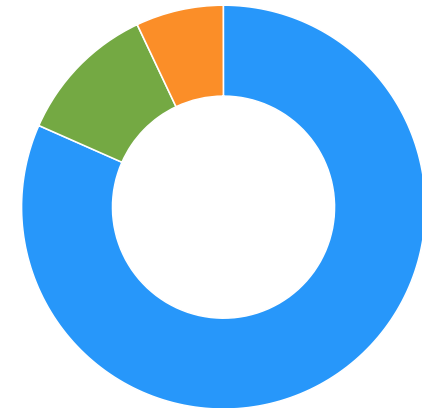
Total Budget (all years)
\$3.391M

Project Total
\$3.391M

Capital Cost by Year (Proposed)



Capital Cost for Budgeted Years (Proposed)



● Construction (82%)	\$2,768,000.00
● Design, Engineering & Construction Administration (11%)	\$385,000.00
● Land (7%)	\$238,000.00
TOTAL	\$3,391,000.00

Capital Cost Breakdown

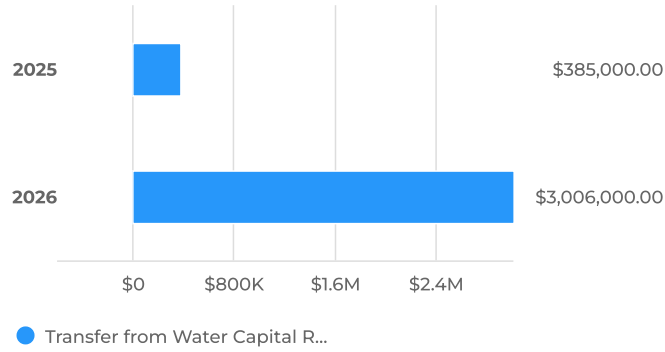
Capital Cost	FY2025	FY2026	Total
Construction		\$2,768,000	\$2,768,000
Land		\$238,000	\$238,000
Design, Engineering & Construction Administration	\$385,000		\$385,000
Total	\$385,000	\$3,006,000	\$3,391,000

Funding Sources

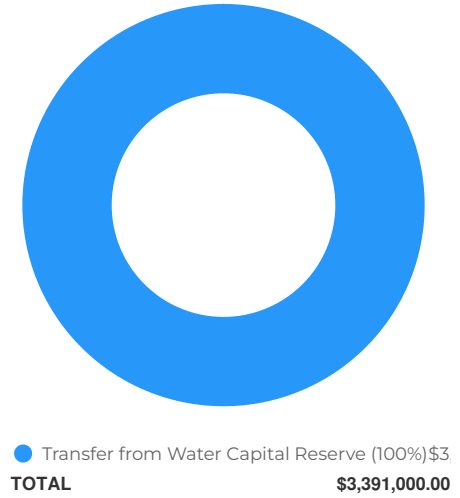
Total Budget (all years)
\$3.391M

Project Total
\$3.391M

Funding Sources by Year (Proposed)



Funding Sources for Budgeted Years (Proposed)



Funding Sources Breakdown			
Funding Sources	FY2025	FY2026	Total
Transfer from Water Capital Reserve	\$385,000	\$3,006,000	\$3,391,000
Total	\$385,000	\$3,006,000	\$3,391,000

This requests information is generated from , Proposed Version.

Water - Looping Watermain Renaissance Drive

Overview

Request Owner	Blake Mills
Department	UTILITY FUND
Type	Capital Improvement

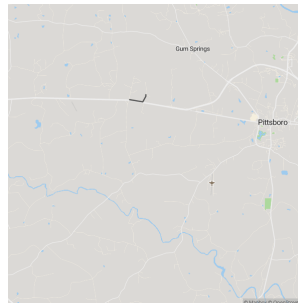
Description

Provide a looping watermain to the Chatham County Campus on Renaissance Drive.

Details

Type of Project	New Construction
Fund	Utilities
Project Status (New/Existing)	New

Location



Defined Problem

The Chatham County Campus on Renaissance Drive has only a single feed 8-inch watermain to the Chatham County buildings including the Detention Center and EOC. If we have a watermain break, it could take several hours and possibly more than 24 hours to repair which would be problematic for County Facilities, particularly, the Detention Center and EOC. For reliability of water service the watermain should be looped, thereby providing a secondary feed.

Recommended Solution

Engineering design and construction of 1,320 feet of 12-inch watermain on Renaissance Drive and 2,850 feet of 16-Inch watermain on Hwy 64.

Alternatives

Do nothing now and wait until future development extends the watermain that would provide the looping, however, this could be 10 or more years in the future. If water service is not available at the Detention Center, potable water tankers could be brought in, however, getting the temporary water in place in a timely manner would be challenging.

Current Stage of Project

No previous work done.

Relation to Other Projects

This work should be included in the new building CIP project for the Manager, Planning, Budget and Finance Offices, which is being proposed for FY 26.

Description of Land Needs

Watermains are proposed to be installed in the NCDOT ROW's, therefore no land is needed.

Professional Design

Engineer to design, permit, bid and provide project, contract and construction management services.

Operating Impact

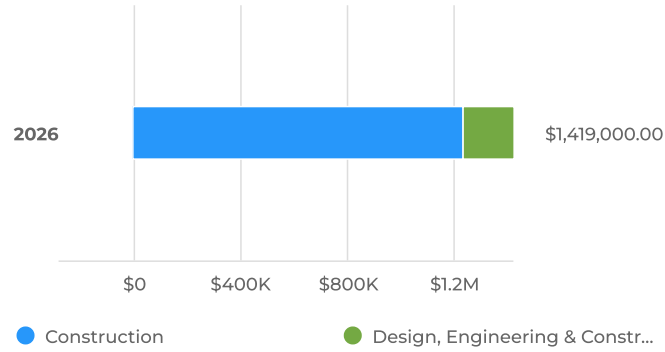
Staff time would be minimal because the engineering and construction will be contracted out.

Capital Cost

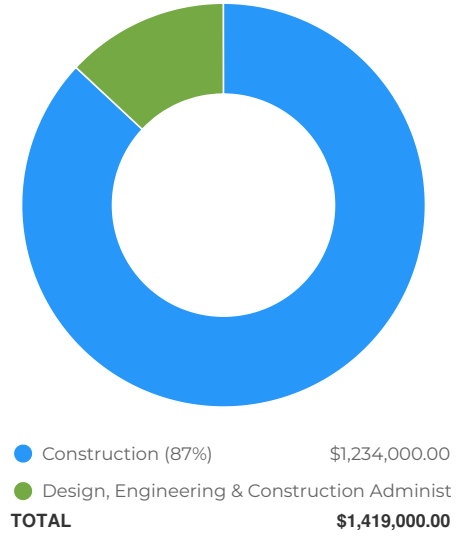
Total Budget (all years)
\$1.419M

Project Total
\$1.419M

Capital Cost by Year (Proposed)



Capital Cost for Budgeted Years (Proposed)



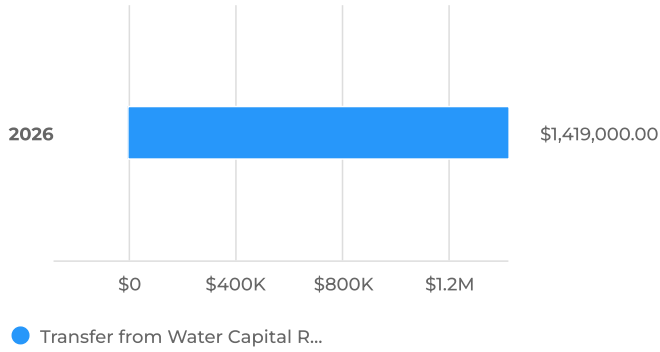
Capital Cost Breakdown		
Capital Cost	FY2026	Total
Construction	\$1,234,000	\$1,234,000
Design, Engineering & Construction Administration	\$185,000	\$185,000
Total	\$1,419,000	\$1,419,000

Funding Sources

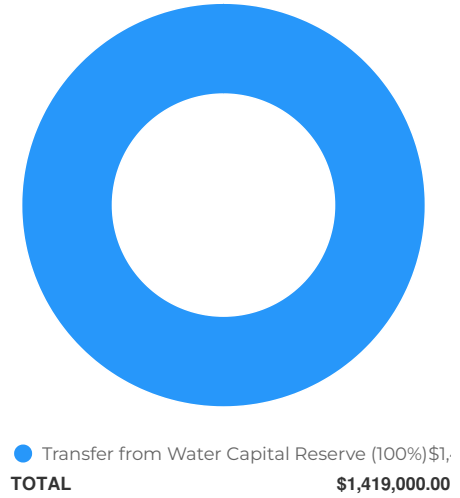
Total Budget (all years)
\$1.419M

Project Total
\$1.419M

Funding Sources by Year (Proposed)



Funding Sources for Budgeted Years (Proposed)



Funding Sources Breakdown		
Funding Sources	FY2026	Total
Transfer from Water Capital Reserve	\$1,419,000	\$1,419,000
Total	\$1,419,000	\$1,419,000

This requests information is generated from , Proposed Version.

Water - Planning Western Intake and Plant

Overview

Request Owner	Blake Mills
Department	UTILITY FUND
Type	Capital Improvement
Project Number	5736315

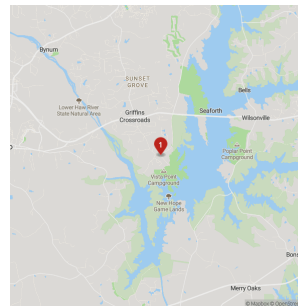
Description

Construct a water intake and treatment plant on the west side of Jordan Lake

Details

Type of Project	New Construction
Fund	Utilities
Project Status (New/Existing)	Approved - Contracts Let (part)

Location



Defined Problem

Chatham County is approaching the capacity of the existing Jordan Lake Water Treatment Plant (3.0 million gallons per day) and additional supply will be needed in the future. The existing maximum demand for water is approximately 3.6 million gallons per day (mgd). During the high irrigation months Chatham County has to purchase water from Durham on a near daily basis. In a meeting on September 13, 2023, Cary and Apex indicated that the existing capacity of the raw water intake was not 82 MGD as previously thought and now was determined to only be 75 MGD and in addition, the existing pumps are pretty much maxed out and therefore it cannot be increased. Also, Apex's revised long-range water demands are higher than the previous projections. Cary is currently in the process of studying their long-range water demands and they expect those to be higher than previous projections as well. Cary and Apex indicated that they could not provide any additional raw water to Chatham County (previously, indicated that they would consider providing up to 6 mgd raw water). Cary and Apex will continue to provide 3 mgd of raw water to Chatham County till the year 2059, which is in accordance with our agreement.

Recommended Solution

Construct a new intake and water treatment plant on the west side of Jordan Lake in cooperation with the partnering jurisdictions of Orange Water and Sewer Authority (OWASA), the City of Durham and the Town of Pittsboro/Sanford.

Current Stage of Project

A scope of work for the initial feasibility study for the new intake and water treatment plant has been developed and an engineering firm has been selected to complete the study. The study is complete, and the partners are investigating finance and timing issues. Durham was the lead agency and paid 100% of the cost for the initial feasibility study. Chatham is incurring costs for its allocation request, the regional water supply plan, and an interconnection study. Raftelis has been hired by the Western Intake Partners (OWASA, City of Durham, Town of Pittsboro, and Chatham County) to evaluate and develop a governance structure for the entities of the Western Intake Partnership. The Partners have entered into a contract with Hazen and Sawyer for the Water Intake and Transmission Infrastructure Preliminary Engineering Project. The Western Intake Partners have entered into a contract with Environmental Permitting Project with Brown and Caldwell and the Western Intake Partners Regional Water Treatment Facility Engineering Project with CDM Smith which both started in fiscal year 2022. In June of 2019 a Memorandum of Agreement (MOA) was approved and signed by the Western Intake Partners to move forward with the initial phases of the Western Intake Regional Water Plant to include policy and governance, preliminary engineering work, field evaluations and permitting with the Army Corps of Engineers and NCDEQ. A Request for Qualifications (RFQ) was issued by the Western Intake Partners to hire a Project Management Team to oversee these initial phases and potentially future phases of the project. HDR is the firm that has been hired by the partnership to manage the engineering contracts. Meetings are currently underway with the Army Corps of Engineers and NCDEQ to discuss permitting and easement acquisition. Chatham County water demand projection to the year 2050 show a need for WIP WTP capacity of 3,500,000 million gallons (Max. Day). The preliminary engineering projects are expected to be completed by March 2024. The next phase is detailed design which is scheduled to take place from July 2024 - December 2027. Construction of the WIP WTP is expected to start in 2028 and be on-line in 2031.

Relation to Other Projects

The Durham interconnect project will provide an additional 3-4 MGD water supply while the new intake and water plant are planned and constructed.

Description of Land Needs

OWASA owns 121 acres of land at the corner of Seaforth Road and North Pearidge Road, that is being purchased by the City of Durham for the WIP WTP site.

Professional Design

Engineering Construction Drawings and approvals for the WTP Intake, raw water transmission, Water Treatment Plant facility and finished water transmission lines are needed.

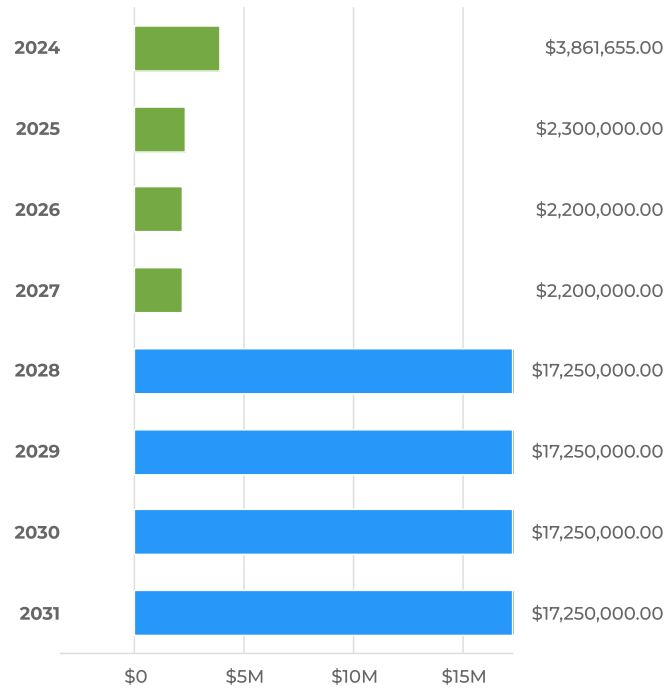
Operating Impact

The City of Durham will operate the WIP WTP and therefore the operational impact for staffing will have little effect. However, costs to operate the WIP WTP may be greater than the current costs at the Beaver Creek WTP and therefore the operation budget will be impacted. Those costs are not known at this time.

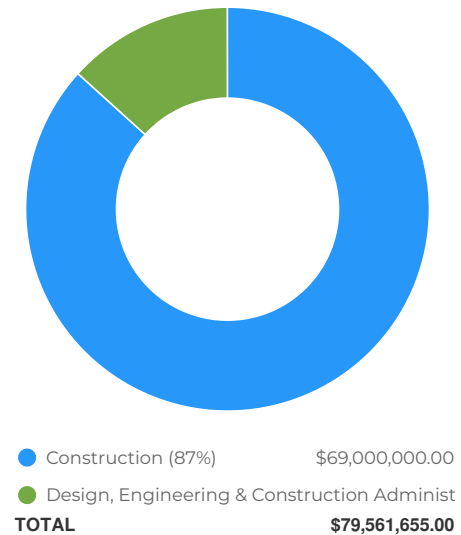
Capital Cost

Total To Date **\$2,339,445**
 FY2024 Budget **\$3,861,655**
 Total Budget (all years) **\$79.562M**
 Project Total **\$81.901M**

Capital Cost by Year (Proposed)



Capital Cost for Budgeted Years (Proposed)



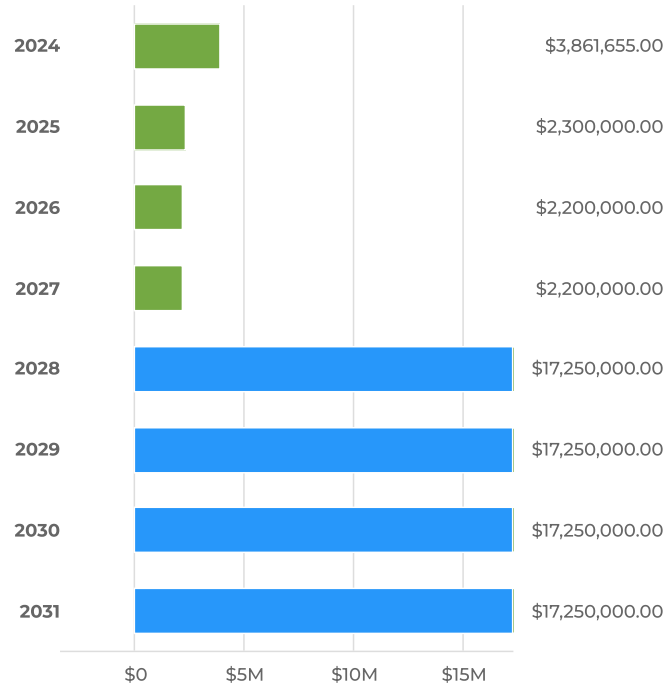
● Construction
 ● Design, Engineering & Constr...

Capital Cost Breakdown								
Capital Cost	To Date	FY2024	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030
Construction	\$0					\$17,250,000	\$17,250,000	\$17,250,000
Design, Engineering & Construction Administration	\$2,339,445	\$3,861,655	\$2,300,000	\$2,200,000	\$2,200,000			
Total	\$2,339,445	\$3,861,655	\$2,300,000	\$2,200,000	\$2,200,000	\$17,250,000	\$17,250,000	\$17,250,000

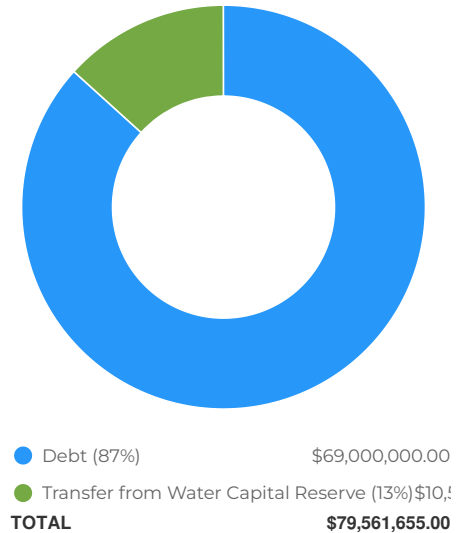
Funding Sources

Total To Date **\$2,339,444** FY2024 Budget **\$3,861,655** Total Budget (all years) **\$79.562M** Project Total **\$81.901M**

Funding Sources by Year (Proposed)



Funding Sources for Budgeted Years (Proposed)



● Debt ● Transfer from Water Capital R...

Funding Sources Breakdown

Funding Sources	To Date	FY2024	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030
Debt	\$0					\$17,250,000	\$17,250,000	\$17,250,000
Transfer from Water Capital Reserve	\$2,339,444	\$3,861,655	\$2,300,000	\$2,200,000	\$2,200,000			
Total	\$2,339,444	\$3,861,655	\$2,300,000	\$2,200,000	\$2,200,000	\$17,250,000	\$17,250,000	\$17,250,000

This requests information is generated from , Proposed Version.

Water - Water Treatment Plant (WTP) Activated Carbon and Other Efficiency Upgrades

Overview

Request Owner	Blake Mills
Department	UTILITY FUND
Type	Capital Improvement

Description

New regulations from EPA will require the drinking water treatment of emerging contaminants such as per-and polyfluoroalkyl substances (PFAS) and 1,4 Dioxane.

Details

Type of Project	New Construction
Fund	Utilities
Project Status (New/Existing)	Approved - No Contracts

Defined Problem

Emerging contaminants such as PFAS and 1,4 Dioxane have been found in Jordan Lake. On March 14, 2023, Environmental Protection Agency (EPA) announced new drinking water standards also known as Maximum Contaminant Levels (MCLs) for emerging contaminants such as PFOA, PFOS and 1,4 Dioxane, which are still subject to a public review and comment process. The EPA' final drinking water standards may differ from the proposed MCLs and have an effective date set in the future so water providers will have time to meet the new standards. The proposed MCLs 4.0 parts per trillion are extremely low target levels, however, Chatham County's initial testing is showing we are just below these levels. The existing WTP current treatment processes do NOT provide treatment for emerging contaminants and it will be necessary to provide treatment.

Recommended Solution

Granular Activated Carbon (GAC) can be used to treat emerging contaminants such as PFAS. When the PFAS is addressed other upgrades should also be performed such as improving process water efficiencies (add additional WTP Finished Water Capacity to 3.5 MGD), replacing bulk chemical storage tanks and adding additional filter capacity. Hazen Sawyer has been retained to provide a feasibility study and cost estimate and therefore more detailed cost information will be known after the study is completed, which is expected by Jan. 2024. The Western Intake Plant (WIP) is currently doing a pilot project to determine what water treatment processes will be effective in treating emerging contaminants. Once the pilot project is completed in 2024, we will have a better idea of alternative treatments for emerging contaminants.

Alternatives

Could also do nothing and wait for the EPA to implement new regulations that would require compliance.

Current Stage of Project

Previous engineering report indicated PFOS treatments based on expansion of WTP to 6 MGD. Based on meeting with Cary on Sep. 13, 2023, Cary/Apex does not have additional raw water to provide Chatham County and therefore, the WTP engineering study needs to be revised to make the WTP more efficient using 3 MGD raw water and address PFOS. To make more efficient the WTP will likely have to be expanded by about 1 MGD finished water capacity.

Relation to Other Projects

The Western Intake Plant (WIP) will also need to treat emerging contaminants.

Description of Land Needs

No land needs, the existing WTP site can accommodate the new GAC treatment processes and other upgrades.

Professional Design

Engineering design, permitting and construction management services for the GAC treatment processes and other upgrades.

Operating Impact

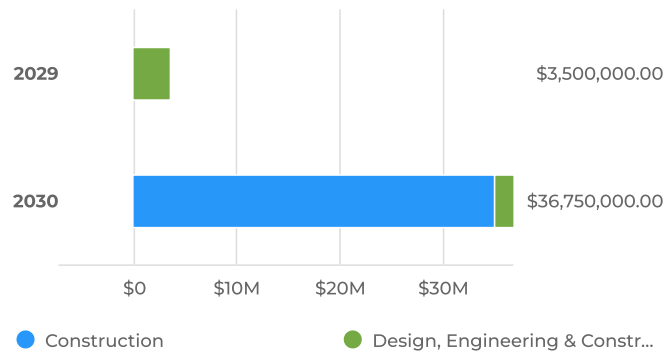
Not known at this time

Capital Cost

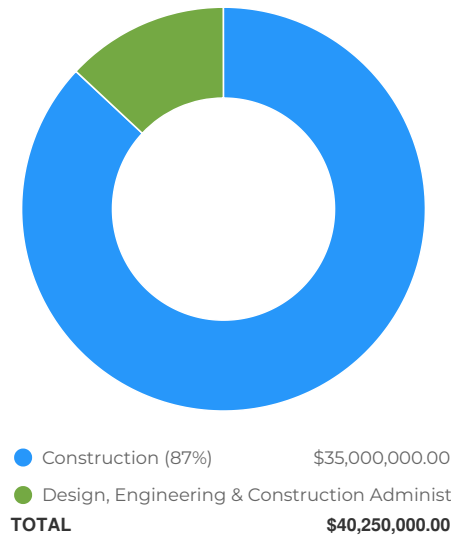
Total Budget (all years)
\$40.25M

Project Total
\$40.25M

Capital Cost by Year (Proposed)



Capital Cost for Budgeted Years (Proposed)



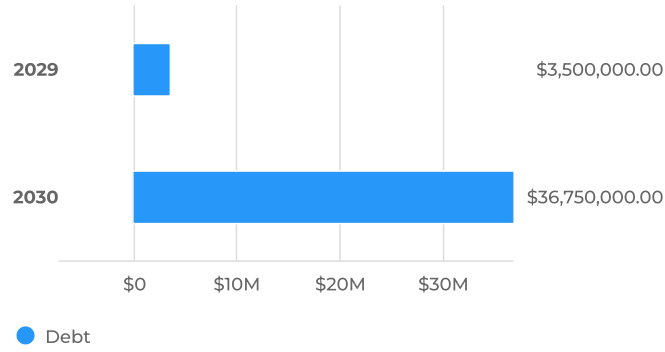
Capital Cost Breakdown				
Capital Cost	To Date	FY2029	FY2030	Total
Construction	\$0		\$35,000,000	\$35,000,000
Design, Engineering & Construction Administration	\$0	\$3,500,000	\$1,750,000	\$5,250,000
Total	\$0	\$3,500,000	\$36,750,000	\$40,250,000

Funding Sources

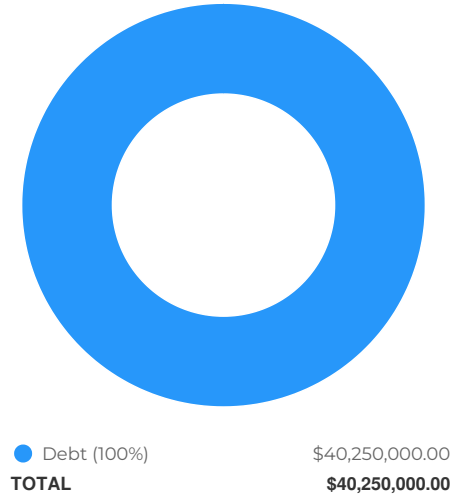
Total Budget (all years)
\$40.25M

Project Total
\$40.25M

Funding Sources by Year (Proposed)



Funding Sources for Budgeted Years (Proposed)



Funding Sources Breakdown				
Funding Sources	To Date	FY2029	FY2030	Total
Debt	\$0	\$3,500,000	\$36,750,000	\$40,250,000
Total	\$0	\$3,500,000	\$36,750,000	\$40,250,000

Glossary

ADM — Average daily membership of school children.

Ad Valorem Taxes — Taxes levied on real and personal property, including vehicles.

Appropriation — The amount of money legally authorized by the Board of Commissioners for projected expenses, as stated in the budget ordinance. Chatham County makes appropriations on a budget area level.

Assessed Value — The value of real and personal property, as determined by tax assessors, which is used as the basis for levying taxes.

Budget Message — The County Manager's written overview of the proposed budget addressed to the Board of Commissioners and the public. The budget message addresses major budget items, their justification, and the County's present and expected financial conditions.

Budget Ordinance — A local law enacted for the purpose of establishing an annual budget and tax rate. Chatham County's budget ordinance also addresses budget amendments, sets new fees, and sets forth travel reimbursements.

CCCC — Central Carolina Community College.

CIP — Capital Improvements Program.

Capital Improvements Program (CIP) — A seven+-year plan of proposed capital improvement projects (projects with a value of at least \$100,000 and a useful life of at least three years). The CIP includes estimated project costs and proposed funding mechanisms over a specified period of years. Examples include new schools and large technology projects.

Capital Outlay — An item which costs \$2,500 or more and has a useful life of more than one year. Examples of capital outlay items include computer hardware and software, vehicles, buildings, etc.

Certificates of Participation (COPs) — A method of financing capital projects that does not require a public vote. Chatham County has chosen to fund its Capital Improvements Program (CIP) using COPs. Generally, COPs carry a slightly higher interest rate than General Obligation Bonds.

Contingency — Funds set aside for unforeseen conditions that may arise during the budget year. Transfers from the contingency line item must be approved by the County Manager (up to \$50,000) or Board of Commissioners (greater than \$50,000).

Continuation — Chatham County budgets on a continuation/expansion basis. Continuation refers to the costs of running current programs at current levels and includes replacement capital outlay.

Debt Service — Principal and interest payments required to retire the County's debt, including general obligation bonds, COPs, and installment contracts.

EMS — Emergency medical services.

Enterprise Fund — A fund that accounts for operations financed primarily from user charges. The operation of enterprise funds resembles a business, and in Chatham County, includes the Southeast Water District, Water Utility Fund and Waste Management Fund. The long-term goal of enterprise funds is to make them self-supporting, so that they do not rely on property taxes or other general revenues for funding.

Expansion — Refers to the costs of providing new programs or enhanced service levels.

Expenditures — Cost of a program or capital project.

FTE — Full-time equivalency. FTEs are used to show position counts in County departments.

FY — Fiscal year.

Fiscal Year – The County’s budget and financial cycle, which by state law begins on July 1 and ends on June 30. In Chatham County fiscal years are designated by the year in which they end, for example, FY 2013 refers to the period of July 1, 2012 to June 30, 2013.

Full-time Equivalency (FTE) — Refers to the number of personnel employed by the County in terms of a 40-hour workweek. For example, two 50- percent positions equal one FTE position.

Functional Category — One of six categories to which departments are assigned, including Administration, Culture/Recreation/Education, General Government, Human Services, Natural Resource Management, and Public Safety. Departments are grouped by these categories to give Commissioners and the public an overall picture of where resources are targeted. In the FY 2013 budget, all of the functions of the Health Department have been grouped in Human Services.

Fund — An accounting entity created to record the financial activity for a selected financial grouping. A fund is set up to carry out a special function or to attain certain objectives in accordance with set laws and regulations. Chatham County FY 22-23 Approved Budget Page 194

Fund Balance — The accumulation of moneys that are left unspent after all expenditures have been made and which may be appropriated to finance expenditures in future years. A fund balance gives the County a reserve from which 1) to make payments when major revenues have not yet come in (especially in the first few months of the fiscal year before property taxes are paid) and 2) to deal with unplanned emergencies and opportunities.

GIS – Geographic Information System.

General Fund — A fund which provides for the accounting of all financial resources, except those designated for another fund because of legal requirement or other reasons. Most basic government services are accounted for in this fund. Exceptions include water, sewer, waste management, special revenue funds, trust funds, and capital projects.

General Obligation Bonds — Bonds issued by the government which are backed by the full faith and credit of its taxing authority because they have been voted upon and approved by the County’s citizens.

General Revenues — Those revenues not earmarked for a particular department or activity that can be used for any purpose. The major sources of general revenues are the property and sales taxes.

Geographic Information System (GIS) – A computer-based system that stores and links geographically referenced data with base maps to allow a wide range of information processing, map production, data analysis, and modeling.

Grants — A contribution from another government or private entity to be used for a specific purpose. Generally, grants must be tracked financially and very specific reports given to the funding agency to ensure compliance with grant provisions.

Installment Purchase – A means of debt financing that is essentially the same as a bank loan. Assets are used as collateral and it does not require a vote of the people.

Intergovernmental Revenues — Revenues from other governments (federal, state, and local) that can be in the form of grants, shared revenues, or entitlements. Most intergovernmental revenues are restricted by purpose.

Manager’s Recommended Budget — The budget presented by the County Manager, who serves as the budget officer, to County Commissioners and the public for their review and revision. The recommended budget is based on Commissioner direction given at the annual retreat, department issues included in the Heads Up document, revenue projections, department and agency requests, and the Manager’s own priorities. State law requires the presentation of the recommended budget on or before June 1. Chatham County usually presents its recommended budget by the first meeting in May.

MIS — Acronym for Management Information Systems, which is the department responsible for planning and maintaining the County’s computer and telephone systems.

Mission – A statement of the fundamental purpose of a budget area.

NA — “Not applicable.” Used in the context of performance measurement, it denotes that the service being measured was previously not provided.

NM — “Not measured.” Used in the context of performance measurement, it denotes that the performance indicator was not measured.

Net Cost — The amount of general revenue that supports a particular function, department, or program. Net cost is calculated by subtracting offsetting revenues from expenditures. Net cost gives an indication of how much general revenue (mainly property and sales taxes) goes to support a budget area, department, or functional area.

OPC — Orange, Person, Chatham Mental Health, Developmental Disabilities, and Substance Abuse Authority. OPC has merged with Piedmont Behavioral Healthcare (see number 43).

Objective — A goal which the department is trying to reach during the fiscal year that is tied to level of service and effect on the public.

Offsetting revenues — Include fees and other revenues which are generated by or earmarked for a particular function, department, or program.

PBH — Piedmont Behavioral Healthcare. Effective July 1, 2012, Chatham County will be included in the merged PBH mental health authority.

Performance Measure — Specific measurable indicators of goals identified by departments. Performance measures are the basis of performance-based budgeting and give an indication of workload, efficiency, effectiveness, and productivity.

Revenue — Income for the fiscal year. The County's major revenue sources are local, state, federal, transfers, fees, and grants.

Special Revenue Fund – Fund to account for the proceeds of specific revenue sources that are legally restricted for specific purposes.

Tax Levy – Amount raised by general property taxes derived by multiplying the tax rate and the assessed value.

Tax Rate – The amount of tax levied for each \$100 of assessed valuation.

Work Plan – Produced by departments, work plans show the main goals, objectives, and performance measures of departments.