

**TOWN OF CARRBORO, NORTH CAROLINA  
CAPITAL IMPROVEMENTS PLAN  
FY 2022 THROUGH FY 2026**

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David L. Andrews, ICMA-CM

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David Schmidt, Fire Chief  
Andy Vogel, Information Technology Director

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**Message from the Manager**  
**Capital Improvements Plan**  
***FY 2022 through FY 2026***

February 2, 2021

Dear Mayor and Council Members:

After extensive review of Town needs and priorities, we have developed a Capital Improvements Plan (CIP) for the next five years that concentrates on renovation of existing Town facilities, financing the 203 Project, pedestrian improvements, and storm water improvements.

The CIP through FY 2026 totals \$70.6 million and includes \$34.6 million for projects that are currently underway and \$36.0 million for new projects. In 2022 we expect to finalize financing for the 203 Project. This is a joint endeavor between the Town and Orange County, to develop a facility to house the Orange County Southern Branch Library and recreational programs for the Town. The project is currently estimated to cost \$28.3 million, The County is expected to contribute \$13.8 million and the Town anticipates financing its \$14.5 million share through a combination of cash and installment financing.

The Facilities Assessment and Space Needs Study conducted in 2016 identified a need for the renovation of several Town building. For fiscal years, 2022 through 2025, we anticipate needing \$10.8 million for renovation of Town Hall, Century Center and Fire Station #1. In 2022, funds are identified primarily for the comprehensive plan update, 203 Building furniture and IT equipment, improvements to pedestrian and park facilities, street resurfacing, and vehicle/equipment replacements.

For replacement of vehicles and equipment, the Fleet Management Division in Public Works estimates a need for \$3.0 million over the next five years. Each year when the annual operating budget is developed, vehicles and equipment scheduled for replacement undergo another evaluation and priorities are established, and only the highest priorities are funded. The actual vehicles and equipment to be acquired in any given year will continue to be dependent upon the Town's financial condition and debt tolerance.

Six storm water projects are included in the CIP at an estimated cost of \$3.0 million over the next five years. These projects are expected to be funded by the Storm Water Fee established in 2018-19. All storm water activities now reside in the Storm Water Utility Enterprise Fund. The Storm Water Utility Enterprise Fund is expected to provide a stable and consistent source of funding to address storm water and flooding issues throughout the Town.

**Overall Costs**

The total cost of the CIP for FY 2022 through FY 2026 is estimated at \$70.6 million, \$11.7 million more than last year. Current projects total \$34.6 million or 49% of the total. Roughly 46% of the total is for Public Works and Planning projects, representing \$32.4 million of total costs.

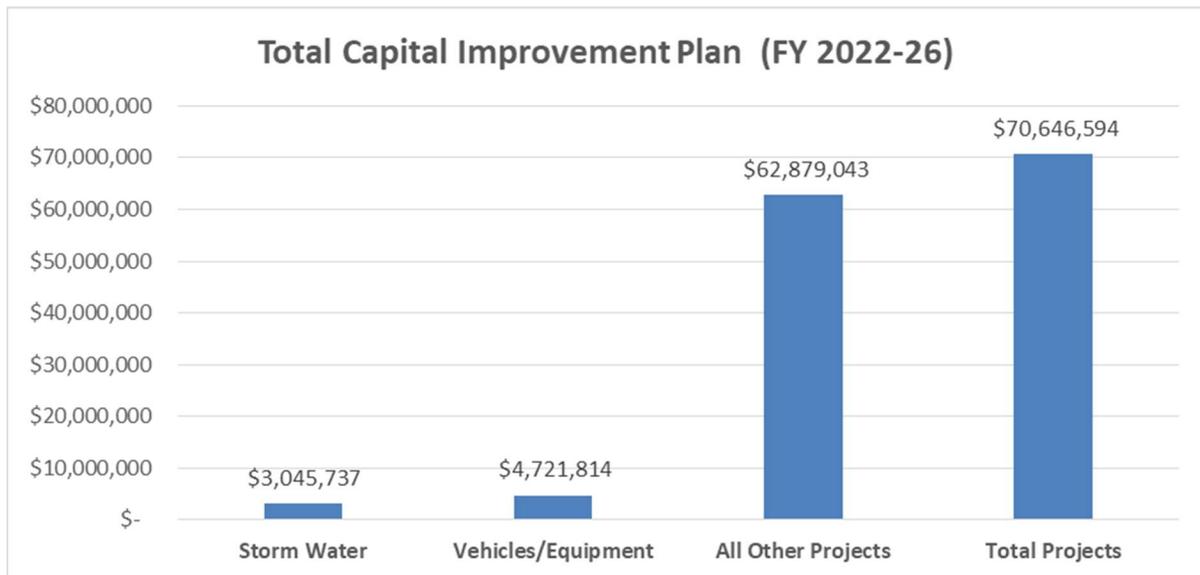
### Capital Projects by Category

	<b>Total Project Costs</b>	<b>% of Total</b>
General Government	\$ 28,311,340	40.1%
Vehicles/Equipment	\$ 4,721,814	6.7%
Information Technology	\$ 378,000	0.5%
Public Safety	\$ 1,384,691	2.0%
Planning and Zoning	\$ 9,032,123	12.8%
Public Works	\$ 23,397,889	33.1%
Recreation and Parks	\$ 375,000	0.5%
Storm Water	\$ 3,045,737	4.3%
<b>Total Projects</b>	<b>\$ 70,646,594</b>	<b>100.0%</b>

The chart below shows the estimated project totals by year.

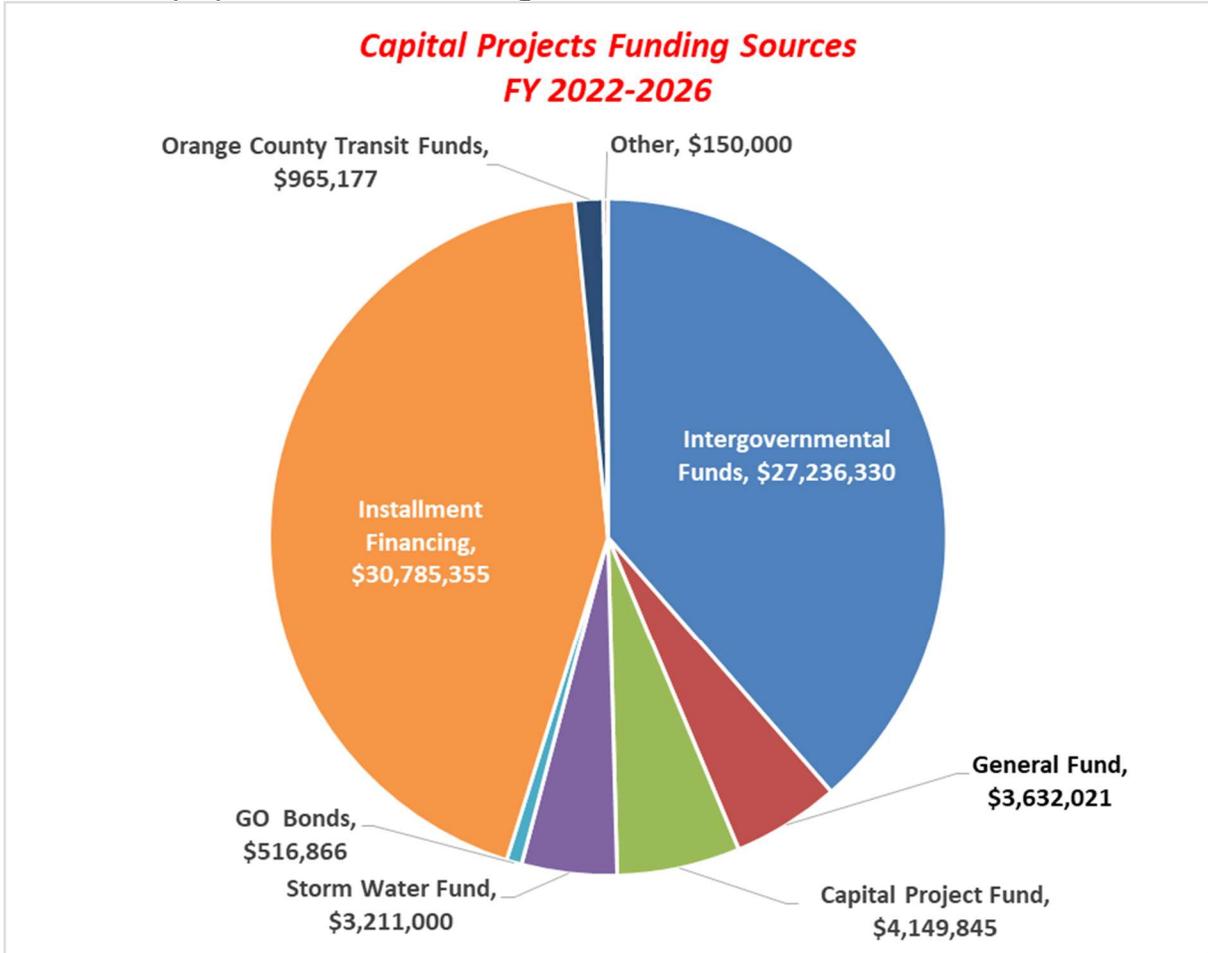
	Previous						FY22-FY26	Project
	Appropriations	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	Total	Total
General Government	27,522,304	2,611,850	832,000	688,000	679,000	700,000	5,510,850	33,033,154
Information Technology	95,000	25,000	80,000	178,000	-	-	283,000	378,000
Public Safety	-	-	625,000	-	-	759,691	1,384,691	1,384,691
Planning and Zoning	4,674,869	564,000	523,413	1,027,841	1,011,000	1,231,000	4,357,254	9,032,123
Public Works	1,818,626	1,245,000	2,934,263	9,950,000	6,250,000	1,200,000	21,579,263	23,397,889
Recreation and Parks	-	-	-	125,000	125,000	125,000	375,000	375,000
Storm Water	531,000	285,000	304,737	525,000	750,000	650,000	2,514,737	3,045,737
<b>Total Projects</b>	<b>34,641,799</b>	<b>4,730,850</b>	<b>5,299,413</b>	<b>12,493,841</b>	<b>8,815,000</b>	<b>4,665,691</b>	<b>36,004,795</b>	<b>70,646,594</b>

Storm water projects total \$3.0 million, vehicles and equipment total \$4.7 million and \$62.9 million are related to non-storm water projects.



**Funding Sources**

Below are the proposed sources of funding for the \$70.6 million CIP for FY 2022 - FY 2026.

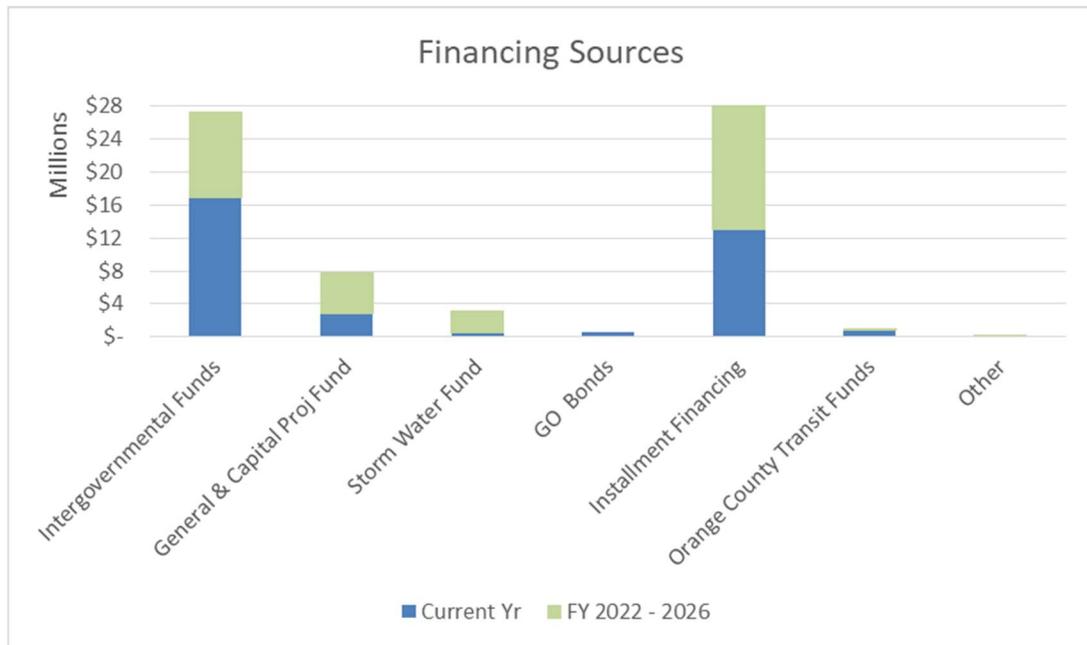


<u>Funding Source</u>	<u>Totals</u>	<u>%</u>
Intergovernmental Funds	\$ 27,236,330	38.6%
General Fund	\$ 3,632,021	5.1%
Capital Project Fund	\$ 4,149,845	5.9%
Storm Water Fund	\$ 3,211,000	4.5%
GO Bonds	\$ 516,866	0.7%
Installment Financing	\$ 30,785,355	43.6%
Orange County Transit Funds	\$ 965,177	1.4%
Other	150,000.00	0.2%
<b>Total Funding</b>	<b>\$ 70,646,594</b>	<b>100.0%</b>

Historically, the Town has limited the use of debt financing for specific capital projects. For example, general obligation bonds were issued for sidewalks and greenways, bank financing for fire station #2, and lease-purchases for vehicle and equipment replacements annually. Installment debt financing for the CIP through FY 2026 comprise 43.6% of all capital funding and includes bank financing for the major facility renovation projects and the 203 Building.

The projects supported by General Obligation bonds issued in 2013 are nearing completion. The remaining projects (e.g., sidewalks, greenways, etc.) currently comprise 6.2% of the total capital funding (intergovernmental and bond funds). At present, no decisions have been made as to future general obligation referendum.

Intergovernmental revenues provide a significant share of project costs. The challenge for the Town will be to provide matching funds for such revenues. General Fund operating funds and Capital Project Funds will comprise 11.0% of capital financing sources. The Town has in the past been able to use 2013 general obligation bonds issued for sidewalks and greenways, and fund balance from the general fund to match intergovernmental funds. Below is a chart that shows financing sources for the current year compared to FY 2022-FY 2026.



Undertaking the proposed capital projects through FY 2026 will present many challenges and decision points. Along with proper and appropriate design of capital projects, the Town will need to balance funding capital projects with the continuation of current level services to residents. With a heavy reliance on residential property tax revenues, the Town will need to continue to explore additional revenue sources (e.g. increased property tax rate, transit tax, prepared meals tax, increase fees, impact fees, etc.).

The Town has established high levels of service delivery for the citizens. Implementation of the proposed capital projects through FY 2026 will provide the necessary infrastructure and create an environment for continuation of high performance levels in delivering services to residents.

Sincerely,

David L. Andrews, ICMA-CM  
Town Manager

## INTRODUCTION

The Capital Improvement Plan (CIP) is a planning tool that seeks to develop a plan for meeting the Town's immediate and long-term capital needs. It identifies needed capital investments for property, plant or equipment acquisitions and renovations to implement the Town Council's vision and strategic priorities for the Town. The Town Council's ultimate goal is to create and maintain Carrboro as a sustainable community that is a highly desirable place to live, with emphasis on quality of life policies such as walkability, environmental protection, recreation and local economic development.

No budget appropriations are made in the CIP. Capital projects are funded by the Town Council through adoption of a Capital Project Ordinance or in the annual general fund budget ordinance. Adjustments for project costs may be made each year during development of the annual operating budget. The CIP is prepared bi-annually and updated annually or as necessary.

Capital projects are required to address one of the Town Council's six strategic goals:

1. Maintaining the existing infrastructure in order to protect the Town's investments
2. Expanding the Town's tax base in a way that will benefit both current and future citizens
3. Complying with state and federal mandates
4. Incorporating energy and climate protection strategies
5. Providing Town services in the most efficient, safe and quality manner
6. Managing and encouraging orderly implementation of Town adopted needs assessments, strategic and program master plans (e.g., Vision 2020, Downtown Visioning Plan, Downtown Traffic Circulation Study, Recreation and Parks Master Plan, etc.)

Projects in the CIP fall into one of the following categories:

- Public Works/Infrastructure projects (e.g., purchase, construction or renovation of buildings, purchase of land, construction of parks and greenways, sidewalk construction, etc.) that cost \$100,000 or more, and may require several years for completion.
- Vehicles and Equipment replacements that cost \$30,000 or more per unit. As a general rule, vehicles with less than 100,000 miles will not be replaced unless it is determined to be a "lemon" and annual repairs in a two year period exceed the cost of a new vehicle. Beginning in 2016 all vehicles for purchase must reflect fuel efficiencies as identified in the Town's Strategic Energy and Climate Protection Plan.
- Information Technology (IT) projects which cost \$50,000 or more that are designed to increase or provide new technology capacity. IT projects related to software replacements, upgrades or maintenance costs are provided for in the annual operating budget.
- Storm Water Management projects to address mandated federal and state storm water compliance requirements, as well as flooding mitigation throughout the Town due to the frequency and severity of rain storms.

Project costs are updated periodically depending on the type of project. For example: street resurfacing costs are adjusted each year due to the fluctuation of petroleum costs; sidewalk costs are updated based on a cost per foot; new construction and renovations are calculated on a square foot basis. Funds appropriated in the annual operating budget for study or evaluation of facilities and infrastructure that are less than \$50,000 are not included as part of the CIP project cost.

The table below is a summary of capital projects, current and new requests with estimated cash and financing needs per year.

### Summary of Capital Improvements Plan FY 2022 through FY 2026

	Previous <u>Appropriations</u>	<u>FY 2022</u>	<u>FY 2023</u>	<u>FY 2024</u>	<u>FY 2025</u>	<u>FY 2026</u>	FY22-FY26 <u>Total</u>	Project <u>Total</u>
<b>Expenses</b>								
Planning/Design	4,839,670	678,000	1,003,604	718,000	280,000	80,000	2,759,604	7,599,274
Construction	28,060,920	1,631,000	2,749,000	10,706,841	7,836,000	3,063,000	25,985,841	54,046,761
Land/ROW	651,395	-	9,809	103,000	20,000	63,000	195,809	847,204
Equipment/Furnishings	1,089,814	2,421,850	1,537,000	966,000	679,000	1,459,691	7,063,541	8,153,355
<b>Total Expenditures</b>	<b>\$ 34,641,799</b>	<b>\$4,730,850</b>	<b>\$5,299,413</b>	<b>\$ 12,493,841</b>	<b>\$ 8,815,000</b>	<b>\$ 4,665,691</b>	<b>\$36,004,795</b>	<b>\$70,646,594</b>
<b>Appropriations</b>								
Intergovernmental Funds	16,919,921	736,000	267,598	7,263,811	537,000	1,512,000	10,316,409	27,236,330
General Fund	2,832,021	-	-	400,000	-	400,000	800,000	3,632,021
Capital Project Fund	-	899,000	869,815	1,208,030	699,000	474,000	4,149,845	4,149,845
Storm Water Fund	531,000	350,000	405,000	525,000	750,000	650,000	2,680,000	3,211,000
GO Bonds	516,866	-	-	-	-	-	-	516,866
Installment Financing	13,089,814	2,711,850	3,707,000	3,038,000	6,779,000	1,459,691	17,695,541	30,785,355
Other *	752,177	34,000	50,000	59,000	50,000	170,000	363,000	1,115,177
<b>Total Funding</b>	<b>\$ 34,641,799</b>	<b>\$4,730,850</b>	<b>\$5,299,413</b>	<b>\$ 12,493,841</b>	<b>\$ 8,815,000</b>	<b>\$ 4,665,691</b>	<b>\$36,004,795</b>	<b>\$70,646,594</b>
<b>Operating Budget Impact</b>								
Personnel	-	-	1,200	1,200	1,200	1,200	4,800	4,800
Operating	(26,591)	(15,635)	132,949	176,463	205,682	209,170	708,629	682,038
Capital Outlay	-	-	-	-	-	-	-	-
Debt Service	125,733	480,634	1,485,596	1,939,239	2,258,619	2,888,611	9,052,699	9,178,432
<b>Total Oper Bdg Impact</b>	<b>\$ 99,142</b>	<b>\$ 464,999</b>	<b>\$1,619,745</b>	<b>\$ 2,116,902</b>	<b>\$ 2,465,501</b>	<b>\$ 3,098,981</b>	<b>\$ 9,766,128</b>	<b>\$ 9,865,270</b>
* Includes Orange Cnty Transit Fnds of:	752,177	34,000	-	9,000		170,000	213,000	965,177
<i>Tax Rate increase needed to fund projs</i>		<i>0.0606</i>	<i>0.1035</i>	<i>0.1559</i>	<i>0.1300</i>	<i>0.1654</i>	<i>0.6154</i>	

The last line (red line) in the above chart provides information regarding the necessary tax rate that would be needed to fund the Town's share of projects, and project debt service payments, for that given year, to avoid using any General Fund reserves. For example, a tax rate of \$0.0606 in FY22 would generate adequate ad valorem taxes to fund the \$899,000 of Capital Project funding and the \$480,634 in Debt Service payments for that year.

Page 26 provides similar tax rate information by individual project for the five year period.

## CURRENT PROJECTS

The Town Council has appropriated \$34.6 million for sixteen (16) capital projects that are currently underway...see listing below. For a status report of each project, see Appendix C.

### Technology Projects

South Greensboro St. Conduit                   \$    95,000

### Sidewalks & Greenways Projects

Jones Creek Greenway                           \$    850,250

Morgan Creek Greenway                       \$  1,567,500

South Greensboro Street Sidewalk         \$  1,750,119

### Planning Projects

Comprehensive Plan                           \$    250,000

Ped Safety Imprvmnts & Bike Plan Impl \$   257,000

### Other Projects

203 South Greensboro Street               \$ 26,432,490

### Public Works Projects

Vehicle Replacements                       \$  1,089,814

Playground Equipment Repair and Rep \$    100,000

Street Resurfacing                           \$    195,857

Bus Shelter Replacement                   \$    288,000

Unpaved Road Upgrades                   \$    230,000

Sidewalk and Curb Repairs                 \$    190,000

Facilities Rehab Projects                  \$    814,769

### Storm Water Projects

Broad St. Culvert Replacement           \$    186,000

Public Works Stream Restoration         \$    345,000

**Grand Total (both columns)**                         **\$ 34,641,799**

Some projects are expected to be completed in FY 2020-21 and no additional funding above current appropriation is anticipated:

- Broad Street Culvert Replacement
- Public Works Stream Restoration

The Town continues to maintain its road infrastructure with a planned 15-year cycle street resurfacing program. The Town sets aside funds in Capital Project Reserve each year for street re-surfacing and issues a paving contract every two years. Currently there is \$195,857 appropriated for street re-surfacing with an estimated need of \$3.0 million over the next five years. Town staff continues to work on energy and climate protection to identify, evaluate and plan for implementation of energy efficiency strategies in Town facilities and infrastructure.

## NEW PROJECT REQUESTS

Between FY 2021-22 and FY 2025-26 it is estimated that the Town will need an additional \$36 million for street re-surfacing, vehicle and equipment replacement, storm water, and proposed new projects.

<u>PROJECT COSTS</u>	<u>Previous Appropriations</u>	<u>FY 2022-26 Request</u>	<u>Total Project Costs</u>
Current Projects	\$ 32,925,985	\$ 6,813,850	\$ 39,739,835
New Projects		\$ 22,761,208	\$ 22,761,208
Vehicles/Equipment	\$ 1,089,814	\$ 3,632,000	\$ 4,721,814
Technology Projects	\$ 95,000	\$ 283,000	\$ 378,000
Storm Water Projects	\$ 531,000	\$ 2,514,737	\$ 3,045,737
<b>TOTAL ALL PROJECTS</b>	<b>\$ 34,641,799</b>	<b>\$ 36,004,795</b>	<b>\$ 70,646,594</b>

See Appendix C for a description of new CIP projects and financing needs through FY 2026.

**Storm Water Utilities**

In FY 2018-19, the Town established a fee schedule for storm water charges to be paid by property owners. The Storm Water Utility Enterprise Fund (SWUEF) is expected to provide a stable and consistent source of funding to address storm water and flooding issues. Funding for storm water capital projects are anticipated to be paid from the SWUEF. Over the next five years capital projects for storm water total \$3.0 million. Below is list of storm water projects to be undertaken over the next five years.

Broad St. Culvert Replacement	\$ 186,000
Public Works Stream Restoration	\$ 345,000
Green Infrastructure Projects	\$ 824,737
Grey Infrastructure Projects	\$ 925,000
Anderson Park Stormwater Retrofits	\$ 440,000
Morgan Creek Stream Restoration	\$ 325,000
<b>Total Storm Water Projects</b>	<b><u><u>\$3,045,737</u></u></b>

**Vehicles and Equipment**

The cost for replacement of Vehicles and Equipment over the next five years total \$3.6 million compared to \$3.0 million in last year’s CIP. The increase can be attributed to an aging fleet and increased costs for replacement equipment. Below is the projected schedule for vehicle and equipment replacements over the next five years.

<u>FY 2022</u>	<u>FY 2023</u>	<u>FY 2024</u>	<u>FY 2025</u>	<u>FY 2026</u>	<u>Total</u>
\$ 733,000	\$ 832,000	\$ 688,000	\$ 679,000	\$ 700,000	3,632,000

See Appendix B for a detailed list of vehicles and equipment anticipated to be replaced in future years. The actual vehicles and equipment to be acquired in any given year will continue to be dependent upon the Town’s financial condition and debt tolerance, therefore, this listing does not necessarily match the amount stated in the CIP for any given year. Going forward the Town may need to re-evaluate its strategy of lease purchase of vehicles and equipment and institute an Internal Service Fund for vehicles and equipment.

Below is a chart showing the outstanding debt as it relates to vehicles and equipment for current commitments and anticipated debt service payments for the next five years, based on the proposed CIP.

<u>Vehicles &amp; Equip Debt</u>	<u>FY 2022</u>	<u>FY 2023</u>	<u>FY 2024</u>	<u>FY 2025</u>	<u>FY 2026</u>	<u>Totals</u>
Current	329,384	278,649	278,649	278,649	278,649	1,443,980
Future	-	157,595	437,625	578,842	716,058	1,890,120
<b>Total</b>	<b>329,384</b>	<b>436,244</b>	<b>716,274</b>	<b>857,491</b>	<b>994,707</b>	<b>3,334,100</b>

**Transportation Projects**

The Town has received a number of federal and state highway transportation grants to help fund greenways, multi-use paths, sidewalks and other roadway infrastructure. These grants require a local match. For informational purposes, below is a list of Transportation Projects where funding has been approved or earmarked for certain Town projects by the MPO and/or State

Department of Transportation (NCDOT) that will require a local match.

	<u>Federal/State</u>	<u>Local Match</u>	<u>Total Cost</u>
	<u>Amount</u>	<u>Amount</u>	
Barnes Street Sidewalk	\$ 234,000	\$ 58,000	\$ 292,000
Este Drive Bike-Ped Improvements	\$ 851,000	\$ 213,000	\$ 1,064,000
Jones Creek Greenway	\$ 680,200	\$ 170,050	\$ 850,250
Jones Ferry Road Sidewalk	\$ 449,000	\$ 112,000	\$ 561,000
NC 54 Side Path	\$ 224,000	\$ 57,000	\$ 281,000
Downtown Connector	\$ 128,409	\$ 86,845	\$ 215,254
Morgan Creek Greenway	\$ 1,254,000	\$ 313,500	\$ 1,567,500
S. Greensboro Street Sidewalk	\$ 1,154,626	\$ 595,493	\$ 1,750,119
<b>Total Project Cost</b>	<b>\$ 4,975,235</b>	<b>\$ 1,605,888</b>	<b>\$ 6,581,123</b>
<i>% of Total</i>	<i>75.6%</i>	<i>24.4%</i>	<i>100.0%</i>

As the design for these projects are completed and Municipal Agreements are executed, the CIP will be revised to reflect any changes in cost. Additionally, the Town will continue to submit other transportation projects for consideration for the Strategic Prioritization 6.0 process. Should any of these projects be programmed for funding, the Town would be required to provide a 20% local match for each project.

### FINANCIAL STATUS OF THE TOWN

Overall, the Town's financial health is good. At June 30, 2020 the Town's governmental funds had combined ending fund balances of \$19.1 million. Approximately 50% or \$9.6 million of this total amount is available for spending at the government's discretion. The unassigned fund balance for the General Fund was \$10.0 million or 45.1% of total General Fund expenditures of \$22.3 million.

The Town's assets and deferred outflows of resources exceeded its liabilities and deferred inflows of resources by \$29.2 million (net position) at June 30, 2020. Several factors of the Town's financial operations influenced the net position:

- Property tax revenues increased by \$275K from \$13.2 million in 2019 to \$13.5 million in 2020;
- Local options sales tax revenues remained nearly steady from the prior year; and
- Permits and fees rose slightly over the prior year.

The Town Council has adopted a Fund Balance policy to maintain a General Fund unassigned fund balance within a range of 22.5% to 35% of budgeted appropriations. When the General Fund unassigned fund balance exceeds 35%, the Town Manager may set aside an amount in assigned fund balance for transfer to Capital Reserves Fund for specific future capital projects. Should the unassigned fund balance in the General Fund fall below 20%, the Town Manager must develop and implement a plan to re-build the balance to 22.5% within one year.

## IMPACT ON OPERATING BUDGET

As part of the CIP planning process, efforts are made to assess the potential impact of the proposed capital projects on the Town’s overall financial condition and annual operating budget. Of particular concern is any debt financing and the Town’s ability to meet future debt obligations.

The types of debt instruments available for the Town include: general obligation bonds, limited obligation bonds, anticipation notes, revenue bonds, and lease-installment financings, or any other financing instrument allowed under North Carolina statutes. The Town evaluates each type of debt and strives to use the least costly and most appropriate form of financing for capital projects.

The Town’s current debt portfolio consist of general obligation bonds for construction of sidewalks and greenways; installment financing for fire station #2, and vehicle and equipment lease purchases. The following charts show the amount of debt service each year that will be required to satisfy current commitments and implement the proposed CIP over the next five years.

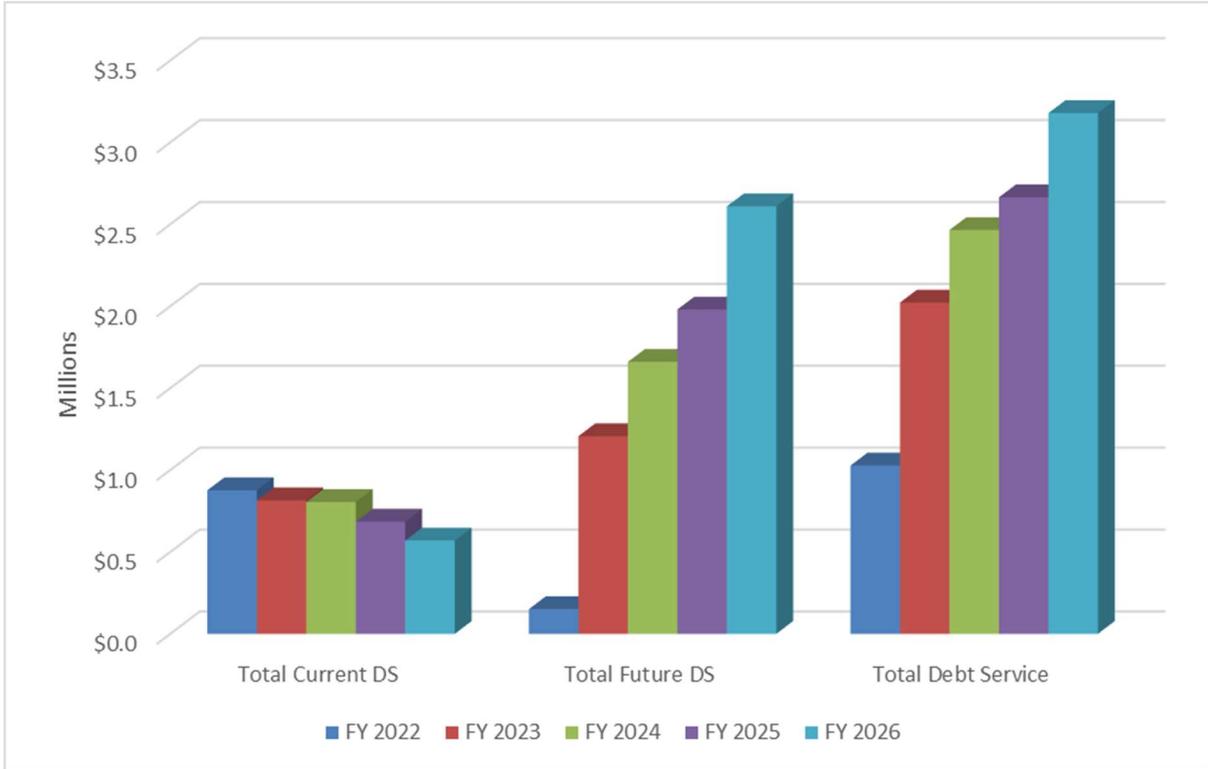
### Current and Future Debt Service Payments

	<u>FY 2022</u>	<u>FY 2023</u>	<u>FY 2024</u>	<u>FY 2025</u>	<u>FY 2026</u>	<u>Totals</u>
<b><u>Current Debt Svc:</u></b>						
Vehicle & Equip	329,384	278,649	278,649	278,649	278,649	1,443,980
Fire Station	234,905	229,293	223,681	109,736		797,615
GO Bonds - Sidewalks	312,500	307,500	302,500	296,875	291,250	1,510,625
<b>Total Current DS</b>	<b>876,789</b>	<b>815,442</b>	<b>804,830</b>	<b>685,260</b>	<b>569,899</b>	<b>3,752,220</b>
<b><u>Future Debt Svc:</u></b>						
Vehicles & Equip	-	157,595	437,625	578,842	716,058	1,890,120
203 Building	151,250	1,040,852	1,023,379	1,005,905	988,432	4,209,818
All other projects	-	8,500	199,586	395,223	905,472	1,508,781
<b>Total Future DS</b>	<b>151,250</b>	<b>1,206,947</b>	<b>1,660,590</b>	<b>1,979,970</b>	<b>2,609,962</b>	<b>7,608,719</b>
<b>Total Debt Service</b>	<b>1,028,039</b>	<b>2,022,389</b>	<b>2,465,420</b>	<b>2,665,230</b>	<b>3,179,861</b>	<b>11,360,939</b>

Future debt service includes financing the 203 Project in FY 2022 for \$12.0 million dollars over a 20 year term. The Town may finance the remaining 203 Project costs with a shorter financing term or cash reserves, and the County is expected to contribute \$13.8 million for the 203 Project to house the South Branch Library and administrative offices for the Town. As noted earlier, this is a joint endeavor between the Town and Orange County. The project is currently estimated to cost \$28.3 million. The Town is considering using some cash to reduce the amount of the financing. The exact mix of cash and financing will depend upon the final design and cost for the facility.

The other driver for future debt service is the \$6.8 million financing expected to start in FY 2025 for renovation of Town Hall.

**Long Term Debt Service – FY 2022 thru FY 2026**



As we plan to undertake debt financing, we need to be cognizant of the fact that the Local Government Commission (LGC) and credit rating agencies monitor debt capacity or debt burden of local municipalities. The LGC measures debt capacity against outstanding principal to assessed valuation, debt per capita, and debt as percentage of operating expenses. These outcome measures are based on population size.

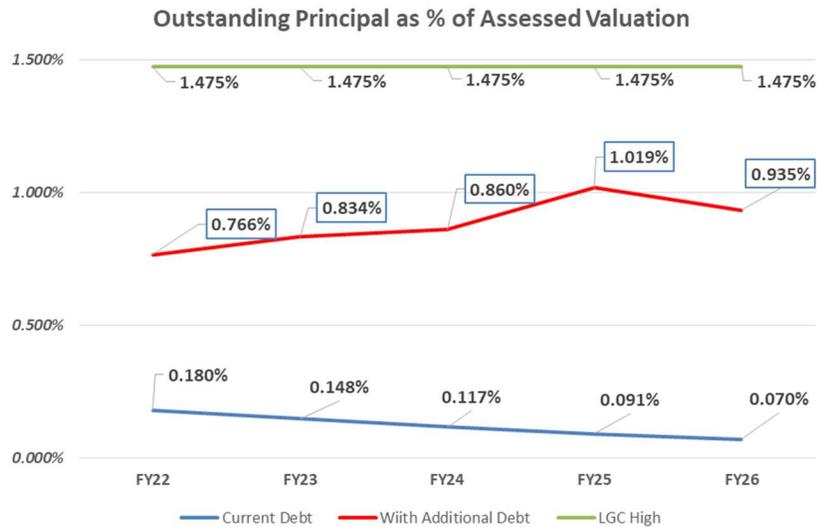
The LGC calculates the debt to assessed valuation and per capita ratio for each jurisdiction and classifies the ratio as being low, average, or high. The below chart shows the LGC’s outstanding principal debt to assessed valuation and per capita ratios for municipalities at June 30, 2019 with population 10,000 – 24,999. As the last column shows, Carrboro’s ratios fall below the average in both categories.

	<b>Low</b>	<b>Average</b>	<b>High</b>	<b>Carrboro</b>
Appraised Property Valuation (%)	0.009%	0.261%	1.475%	0.176%
Per Capita (\$)	\$ 0	\$ 267	\$ 1,514	\$ 207

## Debt to Assessed Valuation

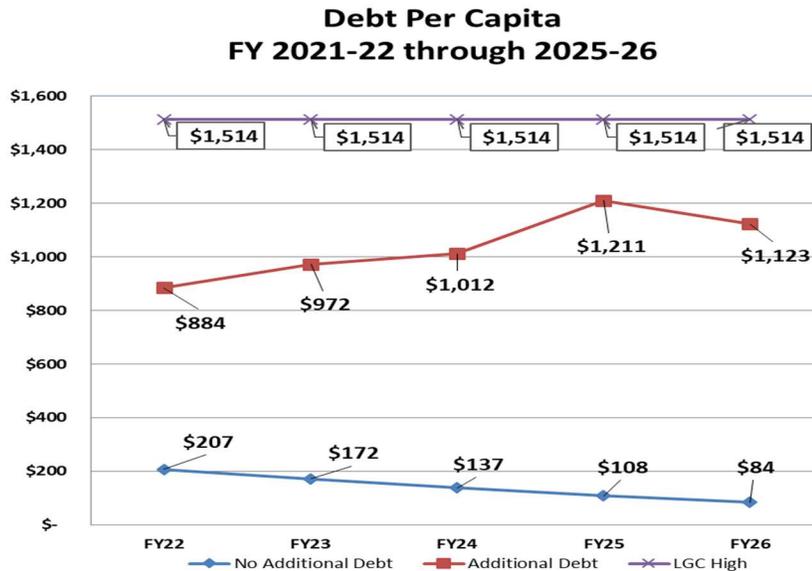
The Town's debt to assessed valuation ratio as of June 30, 2019, as calculated by the LGC, was .176% which is below the average for municipalities of similar size. Without additional debt, this ratio is projected to gradually decrease to .070% by FY 2026.

If the Town were to undertake all of the debt proposed in the CIP, outstanding principal as a percentage of assessed valuation over the next five years would increase to 1.019% in FY 2025, which is above the .261% LGC average, but less than the 1.475% high level, for municipalities of similar size.



## Debt Service Per Capita

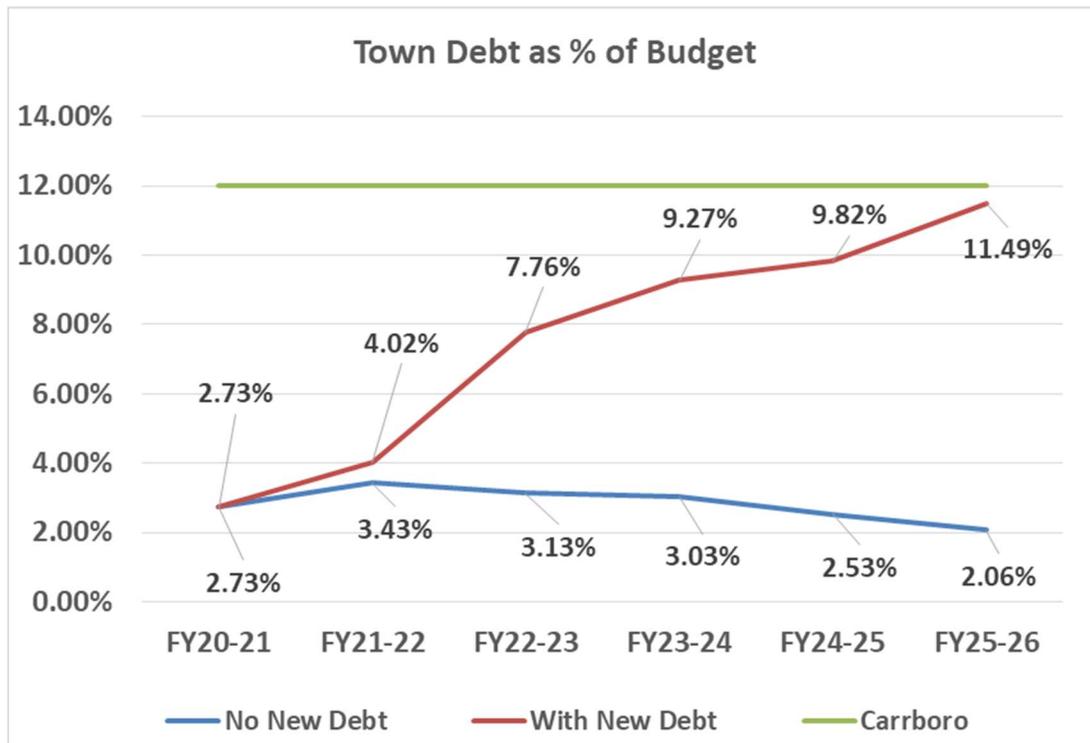
The Town's debt per capita as calculated by the LGC at June 30, 2019 was \$207. This is less than the average of \$267 for similar size municipalities. If all of the proposed projects needing financing were undertaken by the Town, debt service per capital would increase to \$1,211 by FY 2025.



## Debt Service and Operating Budget

Debt service can be a major part of a local government's operating budget fixed costs for the term of the financing. The LGC has not established a measure for debt service as a percentage of operating expenses, but advises local governments to have a reasonable debt burden. The credit rating agencies, on the other hand, generally consider debt exceeding 20% of operating revenues as a potential problem and considers 10% to be an acceptable debt burden. A heavy debt burden may be evidenced by a ratio of debt service to operating expenditures exceeding 15%, or a debt per capita or debt to appraised property value exceeding that of similar units. The Town has established a goal of 12% debt to operating expenses as a moderate level of debt.

The Town's current debt service as a percentage of the operating budget is estimated to be less than 3.0%. Without additional debt, this ratio will decrease to roughly 2% by FY 2026. If all of the proposed projects needing financing were undertaken by the Town, debt service as a percent of the operating budget would increase to 11.49% in FY 2026, which would be slightly under the Town's established goal of keeping debt at, or below 12%.



To maintain the Town's established goal of 12% will require that the projects be reevaluated each year in relation to the Town's financial capacity. If needed, projects will be pushed out further in the future or implemented in stages depending upon the nature of the project. Decisions as to whether a project is to be financed will be dependent the Town's cash balances and other available funding sources.

## Appendix A

### Vehicle Replacement Policy Evaluation

#### **TOWN OF CARRBORO VEHICLE REPLACEMENT POLICY**

##### **I. PURPOSE**

To establish guidelines for the replacement of Town owned vehicles in order to ensure the vehicles are replaced in the most efficient and cost effective manner.

##### **II. POLICY**

Replacement criteria are essential to meet departmental requirements for replacement of obsolete or inoperable vehicles necessary to maintain a safe, efficient and reliable fleet. Replacement criteria will serve as method for evaluating each vehicle against several economic and operational considerations such as original cost, estimated replacement cost, cost of repair, downtime and maintenance, and suitability for intended use.

##### **III. PROCEDURE**

- A. All Departments utilizing Town owned vehicles are required to monitor the condition and mileage of the vehicle(s) under their control. With assistance from the Fleet Maintenance Division in Public Works, each department is required to maintain the upkeep and service on all assigned vehicles.
- B. In lieu of new or used vehicle purchases, the requesting Department must contact the Purchasing Officer to review utilization of vehicles from other Departments to determine if vehicle re-assignment would meet Departmental needs.
- C. During the budget process, all Departments requesting the purchase of vehicles will provide Finance with a mileage schedule of all assigned vehicles.
- D. The Town Council must appropriate budget funds for vehicles to be replaced. No vehicle replacement can be made prior to an approved budget request.
- E. When the replacement vehicle is placed into service, the replaced vehicle must be turned into Purchasing for surplus along with a completed property disposition form. Purchasing will coordinate with Public Works Department for storage of replaced vehicles until disposition. Purchasing will be responsible for securing declaration of surplus and the final disposal of all surplus vehicles.

##### **IV. REPLACEMENT CRITERIA**

Vehicles shall meet or exceed at least one of the following criteria to be eligible for replacement:

- A. Vehicle to be replaced was destroyed and/or cost to repair is 75% or greater than the current NADA wholesale value; or
- B. The accumulated repair costs has reached or exceeds 80% or the original purchase price; or
- C. Replacement parts or components are no longer available; or
- D. The vehicle age and/or mileage have rendered the vehicle in such condition that it cannot reliably, safely and/or economically serve its intended purpose or be used in a reasonable alternative capacity.

Suggested disposal criteria for miles and age of vehicles are listed below. Vehicles not specifically listed shall be evaluated against miles/age criteria for a similar type vehicle.

Vehicle Description	Age	Maximum Mileage
Police Patrol/Pursuit Sedans	8	125,000
Police Admin/Investigations Sedans	10	150,000
Vans (passenger/cargo)	12	125,000
Light Trucks/Utility Vehicles	12	150,000
Heavy Vehicles/Trucks	12	200,000
Fire Apparatus/Aerial	20	250,000

## V. EVALUATION CRITERIA

Vehicles are evaluated by four criteria: age, mileage, general overall condition, and maintenance cost. Each vehicle is scored as follows to determine which units are *eligible for replacement consideration*.

1. Year of Vehicle: One (1) point is assigned for each year of chronological age past life expectancy, based on “in-service date” of the vehicle.
2. Mileage: One (1) point is assigned for each 5,000 miles of operation over 125,000 miles.
3. General Overall Condition: This category takes into consideration the condition of the body, rust, interior condition, vehicular accident status, anticipated repairs, etc. A scale from one (1) to five (5) is used, with five (5) being extremely poor condition.
4. Maintenance Cost: Points are assigned on a scale of one (1) to five (5) based on the total cost factor. The maintenance cost figure includes all repair and maintenance costs minus any costs associated with accident repairs. A five (5) would be equal to 100% or more of the original purchase price, while a one (1) would be equal to 20% of the original purchase price.

### POINT RANGES FOR REPLACEMENT CONSIDERATION

<u>Score</u>	<u>Condition</u>
Less than 8 points	I. Excellent
8 - 12 points	II. Good
13 - 17 points	III. Qualifies for replacement
Above 18 points	IV. Needs immediate replacement

**VEHICLE EVALUATION FOR REPLACEMENT**

Department: \_\_\_\_\_ Division: \_\_\_\_\_

Vehicle Make: \_\_\_\_\_ Year: \_\_\_\_\_ In Service Date: \_\_\_\_\_

Purchase Price: \$\_\_\_\_\_ Mileage: \_\_\_\_\_ Maintenance Cost: \$\_\_\_\_\_

General Overall Condition: \_\_\_\_\_

Reason for Replacement:

\_\_\_\_\_ Vehicle to be replaced was destroyed and/or cost to repair is 75% or greater than the current NADA wholesale value; or

\_\_\_\_\_ Accumulated repair costs has reached or exceeds 80% or the original purchase price; or

\_\_\_\_\_ Replacement parts or components are no longer available; or

\_\_\_\_\_ Vehicle age and/or mileage have rendered the vehicle in such condition that it cannot reliably, safely and/or economically serve its intended purpose or be used in a reasonable alternative capacity.

Points for Replacement Consideration:

<b><u>Factor</u></b>	<b><u>Point(s)</u></b>
Year of Vehicle	
Mileage	
General Overall Condition	
Maintenance Cost	
<b>Total Points</b>	

Comments: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Submitted by: \_\_\_\_\_  
 Department Head

Date: \_\_\_\_\_

Reviewed by: \_\_\_\_\_  
 Finance

Date: \_\_\_\_\_

Approved by: \_\_\_\_\_  
 Town Manager

Date: \_\_\_\_\_



2025 Vehicle CIP Vehicle Requests									
Division	Vehicle	Pts	%	Age	Current		Replacement		Replacement
					Make	Model	Make	Model	Price
Public Works	804	9	70%	14	Autocar	Front Loader	Autocar	Frontloader	\$325,000
Police	259	4	20%	11	Ford	Explorer	Ford	Explorer	\$59,000
Police	262	4	40%	10	Chevrolet	Caprice	Ford	Explorer	\$59,000
Police	263	4	40%	10	Chevrolet	Caprice	Ford	Explorer	\$59,000
Police	266	4	20%	9	Chevrolet	Caprice	Ford	Explorer	\$59,000
Police	272	4	20%	8	Chevrolet	Caprice	Ford	Explorer	\$59,000
Police	270	4	10%	8	Chevrolet	Caprice	Ford	Explorer	\$59,000
								<b>Total</b>	<b>\$679,000</b>

2026 Vehicle CIP Vehicle Requests									
Division	Vehicle	Pts	%	Age	Current		Replacement		Replacement
					Make	Model	Make	Model	Price
Public Works	805	8	60%	13	Freightliner	Boom Truck	Freightliner	Boom Truck	\$160,000
Public Works	503	8	110%	14	Ford	F-450	Ford	F-450	\$45,000
Parks & Re.	701	8	30%	19	Ford	Van	Ford	Van	\$35,000
Public Works	501	8	50%	18	International	Dumptruck	Mack	Dumptruck	\$100,000
Public Works	706	8	80%	17	Ford	Ranger	Ford	Ranger	\$30,000
Public Works	504	8	70%	13	Ford	Ranger	Ford	Ranger	\$30,000
Police	271	3	20%	8	Chevrolet	Caprice	Ford	Explorer	\$60,000
Police	273	3	10%	8	Chevrolet	Caprice	Ford	Explorer	\$60,000
Police	274	3	10%	8	Chevrolet	Caprice	Ford	Explorer	\$60,000
Police	279	3	10%	7	Dodge	Charger	Ford	Explorer	\$60,000
Police	281	3	10%	7	Dodge	Charger	Ford	Explorer	\$60,000
								<b>Total</b>	<b>\$700,000</b>



## Town of Carrboro, NC

### Capital Improvement Plan for FY22 thru FY26

#### Summary of All Projects

	<u>Previous Appropriations</u>	<u>FY 2022</u>	<u>FY 2023</u>	<u>FY 2024</u>	<u>FY 2025</u>	<u>FY 2026</u>	<u>FY22-FY26 Total</u>	<u>Project Total</u>
<b>Expenses</b>								
Planning/Design	4,839,670	678,000	1,003,604	718,000	280,000	80,000	2,759,604	7,599,274
Construction	28,060,920	1,631,000	2,749,000	10,706,841	7,836,000	3,063,000	25,985,841	54,046,761
Land/ROW	651,395	-	9,809	103,000	20,000	63,000	195,809	847,204
Equipment/Furnishings	1,089,814	2,421,850	1,537,000	966,000	679,000	1,459,691	7,063,541	8,153,355
<b>Total Expenditures</b>	<b>\$ 34,641,799</b>	<b>\$4,730,850</b>	<b>\$5,299,413</b>	<b>\$ 12,493,841</b>	<b>\$ 8,815,000</b>	<b>\$ 4,665,691</b>	<b>\$36,004,795</b>	<b>\$70,646,594</b>

#### **Appropriations**

Intergovernmental Funds	16,919,921	736,000	267,598	7,263,811	537,000	1,512,000	10,316,409	27,236,330
General Fund	2,832,021	-	-	400,000	-	400,000	800,000	3,632,021
Capital Project Fund	-	899,000	869,815	1,208,030	699,000	474,000	4,149,845	4,149,845
Storm Water Fund	531,000	350,000	405,000	525,000	750,000	650,000	2,680,000	3,211,000
GO Bonds	516,866	-	-	-	-	-	-	516,866
Installment Financing	13,089,814	2,711,850	3,707,000	3,038,000	6,779,000	1,459,691	17,695,541	30,785,355
Other *	752,177	34,000	50,000	59,000	50,000	170,000	363,000	1,115,177
<b>Total Funding</b>	<b>\$ 34,641,799</b>	<b>\$4,730,850</b>	<b>\$5,299,413</b>	<b>\$ 12,493,841</b>	<b>\$ 8,815,000</b>	<b>\$ 4,665,691</b>	<b>\$36,004,795</b>	<b>\$70,646,594</b>

#### **Operating Budget Impact**

Personnel	-	-	1,200	1,200	1,200	1,200	4,800	4,800
Operating	(26,591)	(15,635)	132,949	176,463	205,682	209,170	708,629	682,038
Capital Outlay	-	-	-	-	-	-	-	-
Debt Service	125,733	480,634	1,485,596	1,939,239	2,258,619	2,888,611	9,052,699	9,178,432
<b>Total Oper Bdg Impact</b>	<b>\$ 99,142</b>	<b>\$ 464,999</b>	<b>\$1,619,745</b>	<b>\$ 2,116,902</b>	<b>\$ 2,465,501</b>	<b>\$ 3,098,981</b>	<b>\$ 9,766,128</b>	<b>\$ 9,865,270</b>

* Includes Orange Cnty Transit Fnds of:	752,177	34,000	-	9,000		170,000	213,000	965,177
<i>Tax Rate that equals Local share &amp; Debt Service</i>		<i>0.0606</i>	<i>0.1035</i>	<i>0.1559</i>	<i>0.1300</i>	<i>0.1654</i>	<i>0.6154</i>	



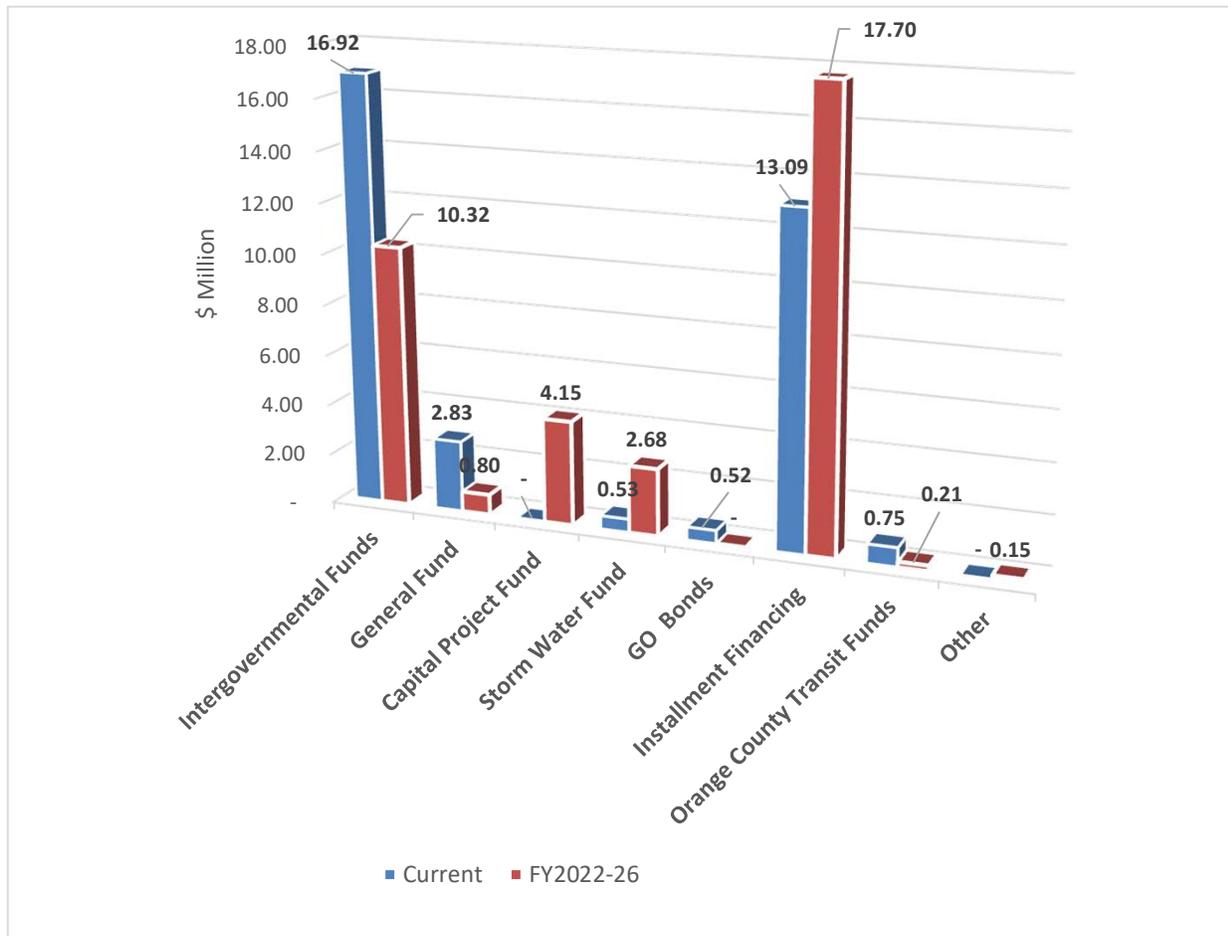
# Town of Carrboro, NC

## Capital Improvement Plan for FY22 thru FY26

(Dollar amounts shown in millions)

### Capital Projects Funding Sources for Current Year & FY22-26 combined

<u>Funding Source</u>	<u>Current</u>	<u>FY2022-26</u>	<u>Totals</u>	<u>Funding Source</u>	<u>Current</u>	<u>FY2022-26</u>	<u>Totals</u>
<i>Intergovernmental Funds</i>	\$ 16.92	\$ 10.32	\$ 27.24	<i>GO Bonds</i>	\$ 0.52	\$ -	\$ 0.52
<i>General Fund</i>	\$ 2.83	\$ 0.80	\$ 3.63	<i>Installment Financing</i>	\$ 13.09	\$ 17.70	\$ 30.79
<i>Capital Project Fund</i>	\$ -	\$ 4.15	\$ 4.15	<i>Orange County Transit Funds</i>	\$ 0.75	\$ 0.21	\$ 0.96
<i>Storm Water Fund</i>	\$ 0.53	\$ 2.68	\$ 3.21	<i>Other</i>	\$ -	\$ 0.15	\$ 0.15
				<b>Grand Totals</b>	<b>\$ 34.64</b>	<b>\$ 36.01</b>	<b>\$ 70.65</b>





## Town of Carrboro, NC

### Capital Improvement Plan for FY22 thru FY26

#### CIP Summary by Project Category

<u>Proj #</u>	<u>Category/Project Description</u>	<u>Previous Appropriations</u>	<u>FY 2022</u>	<u>FY 2023</u>	<u>FY 2024</u>	<u>FY 2025</u>	<u>FY 2026</u>	<u>FY22-FY26 Total</u>	<u>Project Total</u>
<b><i>General Government</i></b>									
GG20133	203 South Greensboro Street	26,432,490	1,878,850	-	-	-	-	1,878,850	28,311,340
GG20214	Vehicle Replacements	1,089,814	506,000	832,000	688,000	679,000	700,000	3,405,000	4,494,814
GG1	New Equipment Purchases	-	227,000	-	-	-	-	227,000	227,000
<b><i>Total General Government Projects</i></b>		<b><i>27,522,304</i></b>	<b><i>2,611,850</i></b>	<b><i>832,000</i></b>	<b><i>688,000</i></b>	<b><i>679,000</i></b>	<b><i>700,000</i></b>	<b><i>5,510,850</i></b>	<b><i>33,033,154</i></b>
<b><i>Information Technology</i></b>									
IT20202	South Greensboro St. Conduit	95,000	25,000	-	-	-	-	25,000	120,000
IT1	Building Access Control and Camera System	-	-	-	178,000	-	-	178,000	178,000
IT2	Replace Fire Dept Records Mgmt System	-	-	80,000	-	-	-	80,000	80,000
<b><i>Total Information Technology Projects</i></b>		<b><i>95,000</i></b>	<b><i>25,000</i></b>	<b><i>80,000</i></b>	<b><i>178,000</i></b>	<b><i>-</i></b>	<b><i>-</i></b>	<b><i>283,000</i></b>	<b><i>378,000</i></b>
<b><i>Public Safety</i></b>									
FR1	Replace Fire Engine 931	-	-	625,000	-	-	-	625,000	625,000
FR2	Replace Fire Engine 2	-	-	-	-	-	759,691	759,691	759,691
<b><i>Total Police and Fire Projects</i></b>		<b><i>-</i></b>	<b><i>-</i></b>	<b><i>625,000</i></b>	<b><i>-</i></b>	<b><i>-</i></b>	<b><i>759,691</i></b>	<b><i>1,384,691</i></b>	<b><i>1,384,691</i></b>
<b><i>Planning and Zoning Projects</i></b>									
PL20206	Comprehensive Plan	250,000	150,000	-	-	-	-	150,000	400,000
PL20212	Ped Safety Imprvmnts & Bike Plan Implementatn	257,000	130,000	350,000	520,000	340,000	340,000	1,680,000	1,937,000
PL55002	Morgan Creek Greenway	1,567,500	-	-	-	-	-	-	1,567,500
PL55015	South Greensboro Street Sidewalk	1,750,119	-	-	-	-	-	-	1,750,119
PL55033	Jones Creek Greenway	850,250	-	-	-	-	-	-	850,250
PL1	Estes Drive Bike-Ped Improvements	-	170,000	-	46,000	-	848,000	1,064,000	1,064,000
PL2	Jones Ferry Road Sidewalk	-	-	89,000	31,000	441,000	-	561,000	561,000
PL3	Barnes Street Sidewalk	-	-	46,000	16,000	230,000	-	292,000	292,000
PL4	NC 54 Side Path	-	-	-	238,000	-	43,000	281,000	281,000
PL5	Downtown Connector	-	-	38,413	176,841	-	-	215,254	215,254
PL6	East Main Street Redesign	-	114,000	-	-	-	-	114,000	114,000
<b><i>Total Planning and Zoning Projects</i></b>		<b><i>4,674,869</i></b>	<b><i>564,000</i></b>	<b><i>523,413</i></b>	<b><i>1,027,841</i></b>	<b><i>1,011,000</i></b>	<b><i>1,231,000</i></b>	<b><i>4,357,254</i></b>	<b><i>9,032,123</i></b>



## Town of Carrboro, NC

### Capital Improvement Plan for FY22 thru FY26

#### CIP Summary by Project Category

<u>Proj #</u>	<u>Category/Project Description</u>	<u>Previous Appropriations</u>	<u>FY 2022</u>	<u>FY 2023</u>	<u>FY 2024</u>	<u>FY 2025</u>	<u>FY 2026</u>	<u>FY22-FY26 Total</u>	<u>Project Total</u>
<b><i>Public Works Projects</i></b>									
PW20204	Bus Shelter Replacement	288,000	-	-	-	-	-	-	288,000
PW20207	Unpaved Road Upgrades	230,000	80,000	-	-	-	-	80,000	310,000
PW20208	Sidewalk and Curb Repairs	190,000	-	-	-	-	-	-	190,000
PW20213	Playground Equipment Repair and Replacement	100,000	-	-	-	-	-	-	100,000
PW33003	Street Resurfacing	195,857	600,000	-	1,200,000	-	1,200,000	3,000,000	3,195,857
PW70999	Facilities Rehab Projects	814,769	-	-	-	-	-	-	814,769
PW1	Wayfinding - Town Signage	-	-	100,000	150,000	150,000	-	400,000	400,000
PW2	Town Hall Renovations	-	-	350,000	350,000	6,100,000	-	6,800,000	6,800,000
PW3	Century Center Renovation	-	100,000	900,000	1,000,000	-	-	2,000,000	2,000,000
PW4	Fire Station 1 Renovation	-	-	1,000,000	1,000,000	-	-	2,000,000	2,000,000
PW5	Public Works Renovation	-	100,000	130,000	6,100,000	-	-	6,330,000	6,330,000
PW6	Park Parking Lot Paving	-	120,000	-	-	-	-	120,000	120,000
PW7	Jones Ferry Road Retaining Wall	-	145,000	-	-	-	-	145,000	145,000
PW8	Westwood Cemetery Development	-	-	150,000	150,000	-	-	300,000	300,000
PW9	Town Hall and Fire Sta 1 Landscaping	-	-	191,973	-	-	-	191,973	191,973
PW10	Century Center Landscaping	-	-	112,290	-	-	-	112,290	112,290
PW11	108 Bim Street Renovations	-	100,000	-	-	-	-	100,000	100,000
<b><i>Total Public Works Projects</i></b>		<b><i>1,818,626</i></b>	<b><i>1,245,000</i></b>	<b><i>2,934,263</i></b>	<b><i>9,950,000</i></b>	<b><i>6,250,000</i></b>	<b><i>1,200,000</i></b>	<b><i>21,579,263</i></b>	<b><i>23,397,889</i></b>
<b><i>Recreation and Parks</i></b>									
RP1	Playground Equip (Ages 5-12) at Hank Anderson Pai	-	-	-	125,000	-	-	125,000	125,000
RP2	Playground Equip (Ages 5-12) at Wilson Park	-	-	-	-	125,000	-	125,000	125,000
RP3	Playground Equip (Ages 5-12) at Baldwin Park	-	-	-	-	-	125,000	125,000	125,000
<b><i>Total Parks and Recreation Projects</i></b>		<b><i>-</i></b>	<b><i>-</i></b>	<b><i>-</i></b>	<b><i>125,000</i></b>	<b><i>125,000</i></b>	<b><i>125,000</i></b>	<b><i>375,000</i></b>	<b><i>375,000</i></b>



## Town of Carrboro, NC

### Capital Improvement Plan for FY22 thru FY26

*CIP Summary by Project Category*

<u>Proj #</u>	<u>Category/Project Description</u>	<u>Previous Appropriations</u>	<u>FY 2022</u>	<u>FY 2023</u>	<u>FY 2024</u>	<u>FY 2025</u>	<u>FY 2026</u>	<u>FY22-FY26 Total</u>	<u>Project Total</u>
<b><i>Storm Water Projects</i></b>									
SW81001	Broad St. Culvert Replacement	186,000	-	-	-	-	-	-	186,000
SW81002	Public Works Stream Restoration	345,000	-	-	-	-	-	-	345,000
SW-1	Green Infrastructure Projects	-	285,000	139,737	100,000	150,000	150,000	824,737	824,737
SW-2	Grey Infrastructure Projects	-	-	100,000	250,000	325,000	250,000	925,000	925,000
SW-3	Anderson Park Stormwater Retrofits	-	-	65,000	175,000	200,000	-	440,000	440,000
SW-4	Morgan Creek Stream Restoration	-	-	-	-	75,000	250,000	325,000	325,000
<b><i>Total Storm Water Projects</i></b>		<b><i>531,000</i></b>	<b><i>285,000</i></b>	<b><i>304,737</i></b>	<b><i>525,000</i></b>	<b><i>750,000</i></b>	<b><i>650,000</i></b>	<b><i>2,514,737</i></b>	<b><i>3,045,737</i></b>
<b><i>Total Projects</i></b>		<b><i>34,641,799</i></b>	<b><i>4,730,850</i></b>	<b><i>5,299,413</i></b>	<b><i>12,493,841</i></b>	<b><i>8,815,000</i></b>	<b><i>4,665,691</i></b>	<b><i>36,004,795</i></b>	<b><i>70,646,594</i></b>



## Town of Carrboro, NC

### Capital Improvement Plan for FY22 thru FY26

*Tax Rate needed to fund local share and future debt payments for various projects*

<u>Proj #</u>	<u>Category/Project Description</u>	<u>FY 2022</u>	<u>FY 2023</u>	<u>FY 2024</u>	<u>FY 2025</u>	<u>FY 2026</u>	<u>FY22-FY26 Total</u>
<b><i>General Government</i></b>							
GG20133	203 South Greensboro Street	0.0066	0.0458	0.0450	0.0442	0.0435	0.1851
GG20214	Vehicle Replacements	0.0145	0.0170	0.0248	0.0312	0.0373	0.1248
GG1	New Equipment Purchases	-	0.0021	0.0021	0.0021	0.0021	0.0084
<b><i>Total General Government Projects</i></b>		<b><i>0.0211</i></b>	<b><i>0.0649</i></b>	<b><i>0.0719</i></b>	<b><i>0.0775</i></b>	<b><i>0.0829</i></b>	<b><i>0.3183</i></b>
<b><i>Information Technology</i></b>							
IT20202	South Greensboro St. Conduit	0.0011	-	-	-	-	0.0011
IT1	Building Access Control and Camera System	-	-	0.0078	-	-	0.0078
IT2	Replace Fire Dept Records Mgmt System	-	0.0035	-	-	-	0.0035
<b><i>Total Information Technology Projects</i></b>		<b><i>0.0011</i></b>	<b><i>0.0035</i></b>	<b><i>0.0078</i></b>	<b><i>-</i></b>	<b><i>-</i></b>	<b><i>0.0124</i></b>
<b><i>Public Safety</i></b>							
FR1	Replace Fire Engine 931	-	-	0.0045	0.0045	0.0044	0.0134
FR2	Replace Fire Engine 2	-	-	-	-	-	-
<b><i>Total Police and Fire Projects</i></b>		<b><i>-</i></b>	<b><i>-</i></b>	<b><i>0.0045</i></b>	<b><i>0.0045</i></b>	<b><i>0.0044</i></b>	<b><i>0.0134</i></b>
<b><i>Planning and Zoning Projects</i></b>							
PL20206	Comprehensive Plan	0.0066	-	-	-	-	0.0066
PL20212	Ped Safety Imprvmnts & Bike Plan Implementatn	0.0057	0.0154	0.0229	0.0149	0.0149	0.0738
PL55002	Morgan Creek Greenway	-	-	-	-	-	-
PL55015	South Greensboro Street Sidewalk	-	-	-	-	-	-
PL55033	Jones Creek Greenway	-	-	-	-	-	-
PL1	Estes Drive Bike-Ped Improvements	-	-	-	-	-	-
PL2	Jones Ferry Road Sidewalk	-	0.0008	0.0003	0.0039	-	0.0050
PL3	Barnes Street Sidewalk	-	0.0004	0.0001	0.0020	-	0.0025



## Town of Carrboro, NC

### Capital Improvement Plan for FY22 thru FY26

***Tax Rate needed to fund local share and future debt payments for various projects***

<u>Proj #</u>	<u>Category/Project Description</u>	<u>FY 2022</u>	<u>FY 2023</u>	<u>FY 2024</u>	<u>FY 2025</u>	<u>FY 2026</u>	<u>FY22-FY26 Total</u>
PL4	NC 54 Side Path	-	-	0.0021	-	0.0004	0.0025
PL5	Downtown Connector	-	0.0004	0.0034	-	-	0.0038
PL6	East Main Street Redesign	0.0050	-	-	-	-	0.0050
<b><i>Total Planning and Zoning Projects</i></b>		<b><i>0.0173</i></b>	<b><i>0.0170</i></b>	<b><i>0.0288</i></b>	<b><i>0.0208</i></b>	<b><i>0.0153</i></b>	<b><i>0.0992</i></b>

**Public Works Projects**

PW20204	Bus Shelter Replacement	-	-	-	-	-	-
PW20207	Unpaved Road Upgrades	0.0013	-	-	-	-	0.0013
PW20208	Sidewalk and Curb Repairs	-	-	-	-	-	-
PW20213	Playground Equipment Repair and Replacement	-	-	-	-	-	-
PW33003	Street Resurfacing	-	-	0.0176	-	0.0176	0.0352
PW70999	Facilities Rehab Projects	-	-	-	-	-	-
PW1	Wayfinding - Town Signage	-	0.0022	0.0044	0.0044	-	0.0110
PW2	Town Hall Renovations	-	-	0.0013	0.0026	0.0251	0.0290
PW3	Century Center Renovation	-	0.0004	0.0037	0.0074	0.0074	0.0189
PW4	Fire Station 1 Renovation	-	-	0.0037	0.0074	0.0074	0.0185
PW5	Public Works Renovation	0.0044	-	-	-	-	0.0044
PW6	Park Parking Lot Paving	0.0053	-	-	-	-	0.0053
PW7	Jones Ferry Road Retaining Wall	0.0064	-	-	-	-	0.0064
PW8	Westwood Cemetery Development	-	0.0066	0.0066	-	-	0.0132
PW9	Town Hall and Fire Sta 1 Landscaping	-	0.0052	-	-	-	0.0052
PW10	Century Center Landscaping	-	0.0037	-	-	-	0.0037
PW11	108 Bim Street Renovations	0.0037	-	-	-	-	0.0037
<b><i>Total Public Works Projects</i></b>		<b><i>0.0211</i></b>	<b><i>0.0181</i></b>	<b><i>0.0373</i></b>	<b><i>0.0218</i></b>	<b><i>0.0575</i></b>	<b><i>0.1558</i></b>



## Town of Carrboro, NC

### Capital Improvement Plan for FY22 thru FY26

*Tax Rate needed to fund local share and future debt payments for various projects*

<u>Proj #</u>	<u>Category/Project Description</u>	<u>FY 2022</u>	<u>FY 2023</u>	<u>FY 2024</u>	<u>FY 2025</u>	<u>FY 2026</u>	<u>FY22-FY26 Total</u>
<b><i>Recreation and Parks</i></b>							
RP1	Playground Equip (Ages 5-12) at Hank Anderson Pa	-	-	0.0055	-	-	0.0055
RP2	Playground Equip (Ages 5-12) at Wilson Park	-	-	-	0.0055	-	0.0055
RP3	Playground Equip (Ages 5-12) at Baldwin Park	-	-	-	-	0.0055	0.0055
<b><i>Total Parks and Recreation Projects</i></b>		<b>-</b>	<b>-</b>	<b>0.0055</b>	<b>0.0055</b>	<b>0.0055</b>	<b>0.0165</b>
<b><i>Storm Water Projects</i></b>							
SW81001	Broad St. Culvert Replacement	-	-	-	-	-	-
SW81002	Public Works Stream Restoration	-	-	-	-	-	-
SW-1	Green Infrastructure Projects	-	-	-	-	-	-
SW-2	Grey Infrastructure Projects	-	-	-	-	-	-
SW-3	Anderson Park Stormwater Retrofits	-	-	-	-	-	-
SW-4	Morgan Creek Stream Restoration	-	-	-	-	-	-
<b><i>Total Storm Water Projects</i></b>		<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b><i>Total Projects</i></b>		<b>0.0606</b>	<b>0.1035</b>	<b>0.1558</b>	<b>0.1301</b>	<b>0.1656</b>	<b>0.6156</b>

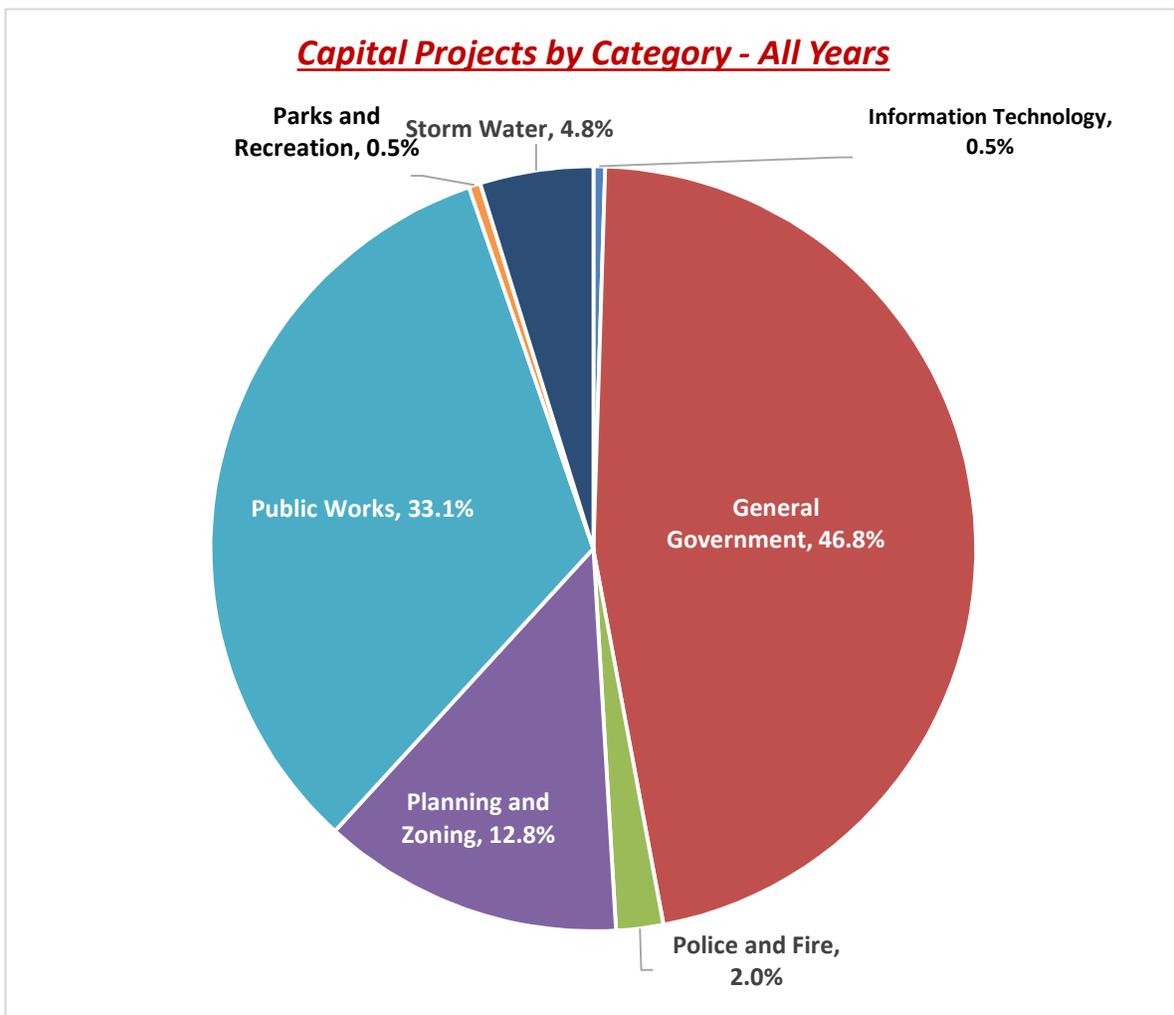


# Town of Carrboro, NC

## Capital Improvement Plan for FY22 thru FY26

**Capital Projects by Category - All Years combined**

<u>Category</u>	<u>Totals</u>	<u>Category</u>	<u>Totals</u>
<i>General Government</i>	33,033,154	<i>Planning and Zoning</i>	9,032,123
<i>Information Technology</i>	378,000	<i>Public Works</i>	23,397,889
<i>Police and Fire</i>	1,384,691	<i>Parks and Recreation</i>	375,000
		<i>Storm Water</i>	3,045,737
<i>Grand Total of both columns</i>			70,646,594



## Transportation Projects

*Metropolitan Planning Organization Funding Requiring Local Match*

	<u>Federal/State</u>	<u>Local Match</u>		
	<u>Amount</u>	<u>Amount</u>	<u>Total Cost</u>	<u>Local %</u>
Barnes Street Sidewalk	\$ 234,000	\$ 58,000	\$ 292,000	19.9%
Este Drive Bike-Ped Improvements	\$ 851,000	\$ 213,000	\$ 1,064,000	20.0%
Jones Creek Greenway	\$ 680,200	\$ 170,050	\$ 850,250	20.0%
Jones Ferry Road Sidewalk	\$ 449,000	\$ 112,000	\$ 561,000	20.0%
NC 54 Side Path	\$ 224,000	\$ 57,000	\$ 281,000	20.3%
Downtown Connector	\$ 128,409	\$ 86,845	\$ 215,254	40.3%
Morgan Creek Greenway	\$ 1,254,000	\$ 313,500	\$ 1,567,500	20.0%
S. Greensboro Street Sidewalk	\$ 1,154,626	\$ 595,493	\$ 1,750,119	34.0%
<b>Total Project Cost</b>	<b>\$ 4,975,235</b>	<b>\$ 1,605,888</b>	<b>\$ 6,581,123</b>	
<i>% of Total</i>	<i>75.6%</i>	<i>24.4%</i>	<i>100.0%</i>	



# Town of Carrboro, NC

## Capital Improvement Plan for FY22 thru FY26

Project Title: **203 South Greensboro Street**  
 Location: **203 South Greensboro Street**  
 Project Status: **Existing Project - Additional Funding Programmed**

Project # **GG20133**  
 Category: **General Government**  
 Fund: **66 - Capital Projects Fund**

Proj Start Date: <b>6/1/2018</b>	Finish Date: <b>12/31/2022</b>
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	<u>Previous Funding</u>	<u>FY 2022</u>	<u>FY 2023</u>	<u>FY 2024</u>	<u>FY 2025</u>	<u>FY 2026</u>	<u>FY22-FY26 Total</u>	<u>Project Total</u>
<b>Expenses</b>								
Planning/Design	3,549,095						-	3,549,095
Construction	22,282,000	190,000					190,000	22,472,000
Land/ROW	601,395						-	601,395
Equipment/Furnishings		1,688,850					1,688,850	1,688,850
<b>Total Expenditures</b>	<b>\$ 26,432,490</b>	<b>\$ 1,878,850</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 1,878,850</b>	<b>\$ 28,311,340</b>

	<u>Previous Funding</u>	<u>FY 2022</u>	<u>FY 2023</u>	<u>FY 2024</u>	<u>FY 2025</u>	<u>FY 2026</u>	<u>FY22-FY26 Total</u>	<u>Project Total</u>
<b>Appropriations</b>								
Intergovernmental Funds	13,831,095						-	13,831,095
General Fund	601,395						-	601,395
Capital Project Fund							-	-
Storm Water Fund							-	-
GO Bonds							-	-
Installment Financing	12,000,000	1,878,850					1,878,850	13,878,850
Other							-	-
<b>Total Funding</b>	<b>\$ 26,432,490</b>	<b>\$ 1,878,850</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 1,878,850</b>	<b>\$ 28,311,340</b>

	<u>Previous Funding</u>	<u>FY 2022</u>	<u>FY 2023</u>	<u>FY 2024</u>	<u>FY 2025</u>	<u>FY 2026</u>	<u>FY22-FY26 Total</u>	<u>Project Total</u>
<b>Operating Budget Impact</b>								
Personnel							-	-
Operating			150,000	200,000	200,000	200,000	750,000	750,000
Capital Outlay							-	-
Debt Service		151,250	1,040,852	1,023,379	1,005,905	988,432	4,209,818	4,209,818
<b>Total Oper Bdgt Impact</b>	<b>\$ -</b>	<b>\$ 151,250</b>	<b>\$ 1,190,852</b>	<b>\$ 1,223,379</b>	<b>\$ 1,205,905</b>	<b>\$ 1,188,432</b>	<b>\$ 4,959,818</b>	<b>\$ 4,959,818</b>

*Tax Rate that equals Local share & Debt Service*                      **0.0066**                      **0.0458**                      **0.0450**                      **0.0442**                      **0.0435**                      **0.1851**

**Description and Benefits**

This project will be the future home of the of the Orange County Southern Branch Library, the Town’s Recreation and Parks Department, the newly relocated ArtsCenter, WCOM and much more. The Project will host traditional services as well as new collaborative programming that interconnect learning with arts and leisure. Information Technology related costs that include: building access control and camera system (185K); computers, network, phone and wireless hardware (\$205.5K); data (CAT6a) and cabling, cable management and racks (\$246K); WMWare-SAN (\$160K); directional bore and conduit/fiber installation (\$90K); and conduit along perimeter of property and to server room (\$100K). Furnishings and/or equipment, and a select stage and audio/video equipment, include: office, common area, and meeting room furnishings (\$125,000), photovoltaic array (\$100,00), performance space lighting, retractable seating, and other equipment (\$667,350).

**Energy Sustainable Measures**

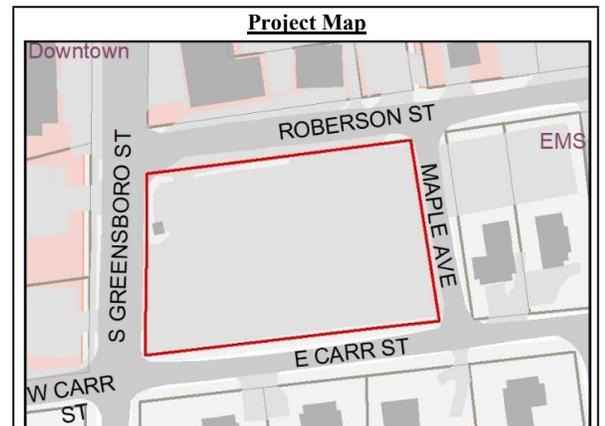
LEED Gold equivalency related to building design, systems, and operation is being explored.

**Oper Bdgt Impacts & Funding (list grants, matching requirements, etc)**

Building operating and maintenance costs, and annual software support. Debt financing anticipated to be issued in late 2021.

**Town Council Strategic Goals: ("X" all that apply for this project)**

- Maintaining the existing infrastructure in order to protect the Town's investments
- Expanding the Town's tax base in a way that will benefit both current and future citizens
- Complying with State and Federal mandates
- Incorporating energy and climate protection strategies
- Providing Town services in the most efficient, safe and quality manner
- Managing and encouraging orderly implementation of Town adopted needs assessments, strategic and program master plans







## Town of Carrboro, NC Capital Improvement Plan for FY22 thru FY26

Project Title: **New Equipment Purchases**  
 Location: **Town of Carrboro**  
 Project Status: **Proposed**

Project # **GG1**  
 Category: **General Government**  
 Fund: **66 - Capital Projects Fund**

Proj Start Date: <b>7/1/2021</b>	Finish Date: <b>6/30/2022</b>
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	<u>Previous Funding</u>	<u>FY 2022</u>	<u>FY 2023</u>	<u>FY 2024</u>	<u>FY 2025</u>	<u>FY 2026</u>	<u>FY22-FY26 Total</u>	<u>Project Total</u>
<b>Expenses</b>								
Planning/Design							-	-
Construction							-	-
Land/ROW							-	-
Equipment/Furnishings		227,000					227,000	227,000
<b>Total Expenditures</b>	\$ -	\$ 227,000	\$ -	\$ -	\$ -	\$ -	\$ 227,000	\$ 227,000

	<u>Previous Funding</u>	<u>FY 2022</u>	<u>FY 2023</u>	<u>FY 2024</u>	<u>FY 2025</u>	<u>FY 2026</u>	<u>FY22-FY26 Total</u>	<u>Project Total</u>
<b>Appropriations</b>								
Intergovernmental Funds							-	-
General Fund							-	-
Capital Project Fund							-	-
Storm Water Fund							-	-
GO Bonds							-	-
Installment Financing		227,000					227,000	227,000
Other							-	-
<b>Total Funding</b>	\$ -	\$ 227,000	\$ -	\$ -	\$ -	\$ -	\$ 227,000	\$ 227,000

	<u>Previous Funding</u>	<u>FY 2022</u>	<u>FY 2023</u>	<u>FY 2024</u>	<u>FY 2025</u>	<u>FY 2026</u>	<u>FY22-FY26 Total</u>	<u>Project Total</u>
<b>Operating Budget Impact</b>								
Personnel							-	-
Operating		(5,539)	-	-	-	-	(5,539)	(5,539)
Capital Outlay							-	-
Debt Service		-	48,805	48,124	47,443	46,762	191,134	191,134
<b>Total Oper Bdgt Impact</b>	\$ -	\$ (5,539)	\$ 48,805	\$ 48,124	\$ 47,443	\$ 46,762	\$ 185,595	\$ 185,595

*Tax Rate that equals Local share & Debt Service*                      **0.0000**                      **0.0021**                      **0.0021**                      **0.0021**                      **0.0021**                      **0.0084**

**Description and Benefits**

The above Equipment cost of \$227,000 includes the purchase of 2 pieces of heavy equipment that would replace existing equipment in poor overall condition. The first, a Caterpillar 304 mini-excavator (\$72,000), would replace the 2000 John Deere 4600 Backhoe. Current fleet does not include a mini-excavator; all work is performed with larger equipment. The mini-excavator would allow for improved efficiency, smaller work zones with less impact to traffic, and increased safety with better visibility for the operator. Mini-excavators are reliable and use less fuel than larger equipment. The second piece of equipment, a Caterpillar 420 Backhoe Loader (\$155,000), would replace the existing 2002 Case 580 SM Backhoe. The Caterpillar 420 Backhoe Loader is utilized for both streets maintenance and operation of the permitted leaf composting site at Public Works facility. The new Caterpillar 420 will use less fuel, and offer increased safety due to better visibility and new ergonomic design getting in and out of cab.

**Energy Sustainable Measures**

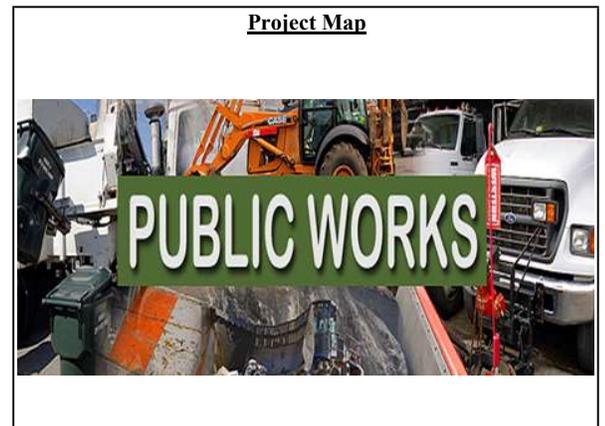
Newer heavy equipment has greater fuel efficiency and reduced emissions as compared to older heavy equipment.

**Oper Bdgt Impacts & Funding (list grants, matching requirements, etc)**

Expenses associated with the rental of a mini-excavator would be reduced.

**Town Council Strategic Goals: ("X" all that apply for this project)**

- Maintaining the existing infrastructure in order to protect the Town's investments
- Expanding the Town's tax base in a way that will benefit both current and future citizens
- Complying with State and Federal mandates
- Incorporating energy and climate protection strategies
- Providing Town services in the most efficient, safe and quality manner
- Managing and encouraging orderly implementation of Town adopted needs assessments, strategic and program master plans







## Town of Carrboro, NC Capital Improvement Plan for FY22 thru FY26

Project Title: **Building Access Control and Camera System**  
 Location: **Town of Carrboro Facilities**  
 Project Status: **Proposed**

Project # **IT1**  
 Category: **Information Technology**  
 Fund: **66 - Capital Projects Fund**

Proj Start Date: <b>7/1/2021</b>	Finish Date: <b>6/30/2022</b>
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	<u>Previous Funding</u>	<u>FY 2022</u>	<u>FY 2023</u>	<u>FY 2024</u>	<u>FY 2025</u>	<u>FY 2026</u>	<u>FY22-FY26 Total</u>	<u>Project Total</u>
<b>Expenses</b>								
Planning/Design							-	-
Construction							-	-
Land/ROW							-	-
Equipment/Furnishings				178,000			178,000	178,000
<b>Total Expenditures</b>	\$ -	\$ -	\$ -	\$ 178,000	\$ -	\$ -	\$ 178,000	\$ 178,000

<b>Appropriations</b>								
Intergovernmental Funds							-	-
General Fund							-	-
Capital Project Fund				178,000			178,000	178,000
Storm Water Fund							-	-
GO Bonds							-	-
Installment Financing							-	-
Other							-	-
<b>Total Funding</b>	\$ -	\$ -	\$ -	\$ 178,000	\$ -	\$ -	\$ 178,000	\$ 178,000

<b>Operating Budget Impact</b>								
Personnel							-	-
Operating				1,000	6,500	6,500	14,000	14,000
Capital Outlay							-	-
Debt Service							-	-
<b>Total Oper Bdgt Impact</b>	\$ -	\$ -	\$ -	\$ 1,000	\$ 6,500	\$ 6,500	\$ 14,000	\$ 14,000

*Tax Rate that equals Local share & Debt Service*                      **0.0000**                      **0.0000**                      **0.0078**                      **0.0000**                      **0.0000**                      **0.0078**

**Description and Benefits**

Purchase and implement building access control and camera system for all Town facilities. This would include five buildings – Town Hall, Century Center, Fire Station 1, Fire Station 2 and Public Works. Town Hall, Fire Stations 1 and 2 are considered to have an immediate need. A portion of the Century Center containing the Police Department currently has a building access control and camera system. The existing access control system would be made compatible with the proposed system (making use of much of the existing door locking hardware). The current camera system at the Century Center is a new installation (and is capable of considerable capacity growth) and will be expanded to handle the additional buildings. A single access control and camera system would serve all Town buildings through existing Town owned high speed fiber optic connections.

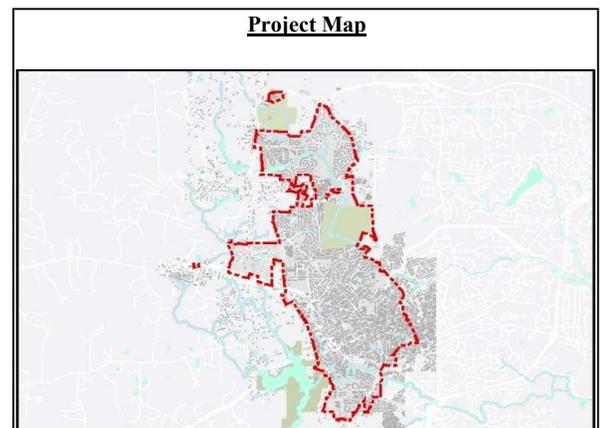
**Energy Sustainable Measures**

**Oper Bdgt Impacts & Funding (list grants, matching requirements, etc)**

Annual operating costs increase by \$6,500 for vendor hardware and software support. Current IT personnel and job responsibilities will cover internal support of BWC's.

**Town Council Strategic Goals: ("X" all that apply for this project)**

- Maintaining the existing infrastructure in order to protect the Town's investments
- Expanding the Town's tax base in a way that will benefit both current and future citizens
- Complying with State and Federal mandates
- Incorporating energy and climate protection strategies
- Providing Town services in the most efficient, safe and quality manner
- Managing and encouraging orderly implementation of Town adopted needs assessments, strategic and program master plans





## Town of Carrboro, NC Capital Improvement Plan for FY22 thru FY26

Project Title: **Replace Fire Dept Records Mgmt System**  
 Location: **Fire Stations 1 and 2**  
 Project Status: **Proposed**

Project # **IT2**  
 Category: **Information Technology**  
 Fund: **66 - Capital Projects Fund**

Proj Start Date: <b>7/1/2022</b>	Finish Date: <b>6/30/2023</b>
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	<u>Previous Funding</u>	<u>FY 2022</u>	<u>FY 2023</u>	<u>FY 2024</u>	<u>FY 2025</u>	<u>FY 2026</u>	<u>FY22-FY26 Total</u>	<u>Project Total</u>
<b>Expenses</b>								
Planning/Design							-	-
Construction							-	-
Land/ROW							-	-
Equipment/Furnishings			80,000				80,000	80,000
<b>Total Expenditures</b>	\$ -	\$ -	\$ 80,000	\$ -	\$ -	\$ -	\$ 80,000	\$ 80,000

<b>Appropriations</b>								
Intergovernmental Funds							-	-
General Fund							-	-
Capital Project Fund			80,000				80,000	80,000
Storm Water Fund							-	-
GO Bonds							-	-
Installment Financing							-	-
Other							-	-
<b>Total Funding</b>	\$ -	\$ -	\$ 80,000	\$ -	\$ -	\$ -	\$ 80,000	\$ 80,000

<b>Operating Budget Impact</b>								
Personnel							-	-
Operating			15,000				15,000	15,000
Capital Outlay							-	-
Debt Service							-	-
<b>Total Oper Bdgt Impact</b>	\$ -	\$ -	\$ 15,000	\$ -	\$ -	\$ -	\$ 15,000	\$ 15,000

*Tax Rate that equals Local share & Debt Service*                      **0.0000**                      **0.0035**                      **0.0000**                      **0.0000**                      **0.0000**                      **0.0035**

**Description and Benefits**

The Fire Department's Record Management System is a core departmental application that records, manages and reports on data from incidents, properties and inspections, assets and personnel. The vendor of the Fire Department's Records Management System has announced that their product will be going end of life (EOL). The vendor has not yet determined an EOL date, but the vendor plans to evaluate the EOL date in December 2021. The Fire Department is currently in the process of evaluating and selecting a replacement Fire Records Management and Reporting System.

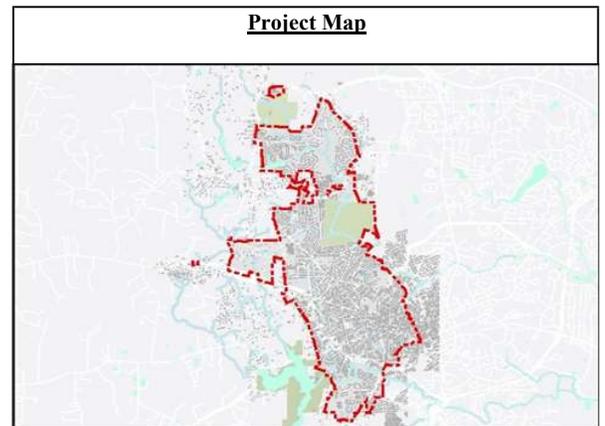
**Energy Sustainable Measures**

**Oper Bdgt Impacts & Funding (list grants, matching requirements, etc)**

Annual Software Support.

**Town Council Strategic Goals: ("X" all that apply for this project)**

- Maintaining the existing infrastructure in order to protect the Town's investments
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## Town of Carrboro, NC Capital Improvement Plan for FY22 thru FY26

Project Title: **Replace Fire Engine 931**  
 Location: **Fire-Rescue Department**  
 Project Status: **Proposed**

Project # **FR1**  
 Category: **Fire**  
 Fund: **66 - Capital Projects Fund**

Proj Start Date: <b>7/1/2021</b>	Finish Date: <b>6/30/2023</b>
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	<u>Previous Funding</u>	<u>FY 2022</u>	<u>FY 2023</u>	<u>FY 2024</u>	<u>FY 2025</u>	<u>FY 2026</u>	<u>FY22-FY26 Total</u>	<u>Project Total</u>
<b>Expenses</b>								
Planning/Design							-	-
Construction							-	-
Land/ROW							-	-
Equipment/Furnishings			625,000				625,000	625,000
<b>Total Expenditures</b>	\$ -	\$ -	\$ 625,000	\$ -	\$ -	\$ -	\$ 625,000	\$ 625,000

	<u>Previous Funding</u>	<u>FY 2022</u>	<u>FY 2023</u>	<u>FY 2024</u>	<u>FY 2025</u>	<u>FY 2026</u>	<u>FY22-FY26 Total</u>	<u>Project Total</u>
<b>Appropriations</b>								
Intergovernmental Funds							-	-
General Fund							-	-
Capital Project Fund							-	-
Storm Water Fund							-	-
GO Bonds							-	-
Installment Financing			625,000				625,000	625,000
Other							-	-
<b>Total Funding</b>	\$ -	\$ -	\$ 625,000	\$ -	\$ -	\$ -	\$ 625,000	\$ 625,000

	<u>Previous Funding</u>	<u>FY 2022</u>	<u>FY 2023</u>	<u>FY 2024</u>	<u>FY 2025</u>	<u>FY 2026</u>	<u>FY22-FY26 Total</u>	<u>Project Total</u>
<b>Operating Budget Impact</b>								
Personnel							-	-
Operating			(5,000)	(4,500)	(4,000)	(3,500)	(17,000)	(17,000)
Capital Outlay							-	-
Debt Service		-	-	103,349	101,340	99,331	304,020	304,020
<b>Total Oper Bdg Impact</b>	\$ -	\$ -	\$ (5,000)	\$ 98,849	\$ 97,340	\$ 95,831	\$ 287,020	\$ 287,020

*Tax Rate that equals Local share & Debt Service*                      **0.0000**                      **0.0000**                      **0.0045**                      **0.0045**                      **0.0044**                      **0.0134**

**Description and Benefits**

Engine 931 has reached the end of its service life. The age of the fire engine is making it difficult to locate parts for repair or replacement. This past year the fleet division replaced the majority of the water valves in the water pump due to age and condition. The engine has had ongoing suspension issues and is once again in need of front end work. The suspension issues are also placing an undue strain on the chassis, which is causing it to wear improperly and is potentially contributing to the need for new tires on the engine. While the road miles are only 101,584.7, the engine hours are 11,728.8, which is equivalent to 527,760 miles using the mfg conversion rate. A 12-month running total of repair costs on this engine is \$8,866 and there are at least \$2,000 in repairs that still need to occur this year. There are numerous safety features that did not exist in 1998 that make fire apparatus safer to operate and/or if involved in a collision. Due to all the equipment that we now carry, the hose bed cannot be covered, which causes premature deterioration of the fire hose and the portable water tank located in the hose bed. The hydraulic rack that holds the extension ladders has been repaired multiple times and will soon require a complete replacement of the hydraulic arm.

**Energy Sustainable Measures**

The industry continues to work towards increasing energy efficiencies and cleaner burning motors.

**Oper Bdgt Impacts & Funding (list grants, matching requirements, etc)**

This project would be eligible to be submitted to FEMA for a grant. Personal experience has shown that a very minor amount of grants are issued for fire apparatus. FEMA only allows one item to be submitted to the grant program each year, so submitting for this could prohibit the awarding of a grant for an item that has a higher probability of being awarded.

**Town Council Strategic Goals: ("X" all that apply for this project)**

- Maintaining the existing infrastructure in order to protect the Town's investments
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## Town of Carrboro, NC Capital Improvement Plan for FY22 thru FY26

Project Title: **Ped Safety Imprvmnts & Bike Plan Implementatn**  
 Location: **Town of Carrboro**  
 Project Status: **Existing Project - Additional Funding Programmed**

Project # **PL20212**  
 Category: **Planning & Zoning**  
 Fund: **66 - Capital Projects Fund**

Proj Start Date: <b>7/1/2020</b>	Finish Date: <b>6/30/2026</b>
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	<u>Previous Funding</u>	<u>FY 2022</u>	<u>FY 2023</u>	<u>FY 2024</u>	<u>FY 2025</u>	<u>FY 2026</u>	<u>FY22-FY26 Total</u>	<u>Project Total</u>
<b>Expenses</b>								
Planning/Design	130,000	40,000	90,000	130,000	80,000	80,000	420,000	550,000
Construction	127,000	90,000	260,000	380,000	240,000	240,000	1,210,000	1,337,000
Land/ROW				10,000	20,000	20,000	50,000	50,000
Equipment/Furnishings							-	-
<b>Total Expenditures</b>	<b>\$ 257,000</b>	<b>\$ 130,000</b>	<b>\$ 350,000</b>	<b>\$ 520,000</b>	<b>\$ 340,000</b>	<b>\$ 340,000</b>	<b>\$ 1,680,000</b>	<b>\$ 1,937,000</b>

	<u>Previous Funding</u>	<u>FY 2022</u>	<u>FY 2023</u>	<u>FY 2024</u>	<u>FY 2025</u>	<u>FY 2026</u>	<u>FY22-FY26 Total</u>	<u>Project Total</u>
<b>Appropriations</b>								
Intergovernmental Funds							-	-
General Fund	257,000						-	257,000
Capital Project Fund		130,000	350,000	520,000	340,000	340,000	1,680,000	1,680,000
Storm Water Fund							-	-
GO Bonds							-	-
Installment Financing							-	-
Other							-	-
<b>Total Funding</b>	<b>\$ 257,000</b>	<b>\$ 130,000</b>	<b>\$ 350,000</b>	<b>\$ 520,000</b>	<b>\$ 340,000</b>	<b>\$ 340,000</b>	<b>\$ 1,680,000</b>	<b>\$ 1,937,000</b>

	<u>Previous Funding</u>	<u>FY 2022</u>	<u>FY 2023</u>	<u>FY 2024</u>	<u>FY 2025</u>	<u>FY 2026</u>	<u>FY22-FY26 Total</u>	<u>Project Total</u>
<b>Operating Budget Impact</b>								
Personnel							-	-
Operating		1,000	2,000	4,000	6,000	8,000	21,000	21,000
Capital Outlay							-	-
Debt Service							-	-
<b>Total Oper Bdgt Impact</b>	<b>\$ -</b>	<b>\$ 1,000</b>	<b>\$ 2,000</b>	<b>\$ 4,000</b>	<b>\$ 6,000</b>	<b>\$ 8,000</b>	<b>\$ 21,000</b>	<b>\$ 21,000</b>

*Tax Rate that equals Local share & Debt Service*                      **0.0057**                      **0.0154**                      **0.0229**                      **0.0149**                      **0.0149**                      **0.0738**

**Description and Benefits**

Previous funding identified in the CIP should be carried over into FY 22. The FY22 projects include multiple pedestrian and bicycle safety improvements including High-visibility crosswalk marking and signage on N Greensboro St @ Pine Street (est \$15K); Bike Plan Project: Shelton Contraflow pavement markings (\$40K); N Greensboro buffered bike lane Phase 1 (\$75k). FY 23: Jones Ferry Road Westbound Road Diet/Bike Lane (\$165K); N Greensboro St @ Shelton St Traffic Signal (if warranted, \$170K high); FY24: W Main St @ Hillsborough Rd - Pedestrian Refuge island and Traffic Signal (if warranted) (\$140K); Hillsborough Rd @ James St - Pedestrian Refuge island and traffic signal (if warranted) (\$140K); Homestead Road Sidepath Phase 1 (\$220k); FY25: N Greensboro/Hillsborough Buffered Bike Lane Phase 2 (\$100K); Main St @ W Weaver St - Pedestrian Signals, Curb Extensions, accessible signals (\$210k); FY26: W W Main St @ W Weaver - Bike Lanes, intersection markings, w/signal mods (\$190K); Bike Plan Project: Hillsborough @ N Greensboro Phase 1 – pavement markings, signs, curb modifications (\$120k)

**Energy Sustainable Measures**

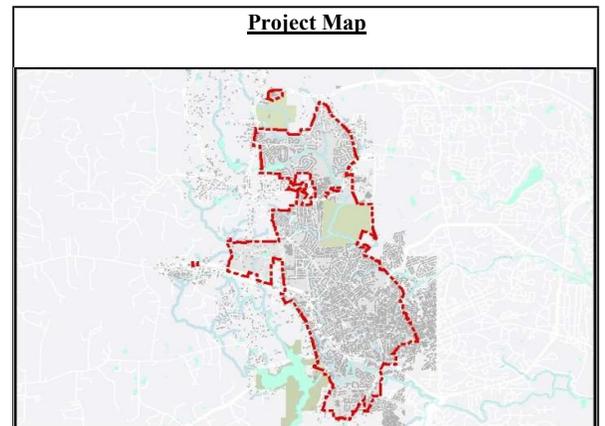
These improvements will increase pedestrian safety by providing designated refuges, and signals will stop traffic, allowing easier crossing of major streets which facilitate increased walking at a variety of locations at the edge of downtown and in close proximity to schools. This will also increase bicycle safety by providing clear guidance through intersections. Implementation of bike plan project will facilitate increased bike mode share which will reduce GHG emissions.

**Oper Bdgt Impacts & Funding (list grants, matching requirements, etc)**

Maintenance costs estimated for crosswalk upkeep and electricity use for traffic signals. Bike loops may not be needed at traffic signals if fully pre-timed (reduce cost by \$10K).

**Town Council Strategic Goals: ("X" all that apply for this project)**

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## Town of Carrboro, NC Capital Improvement Plan for FY22 thru FY26

Project Title: **Morgan Creek Greenway**  
 Location: **Abby Lane to Smith Level Rd along N & S sides of Morgan Creek**  
 Project Status: **Existing Project - No Additional Funding Programmed**

Project # **PL55002**  
 Category: **Planning & Zoning**  
 Fund: **62 - Bond Fund**

Proj Start Date: **4/1/2018**      Finish Date: **12/31/2022**

	<u>Previous Funding</u>	<u>FY 2022</u>	<u>FY 2023</u>	<u>FY 2024</u>	<u>FY 2025</u>	<u>FY 2026</u>	<u>FY22-FY26 Total</u>	<u>Project Total</u>
<b>Expenses</b>								
Planning/Design	379,231						-	379,231
Construction	1,188,269						-	1,188,269
Land/ROW							-	-
Equipment/Furnishings							-	-
<b>Total Expenditures</b>	<b>\$ 1,567,500</b>	<b>\$ -</b>	<b>\$ 1,567,500</b>					

<b>Appropriations</b>								
Intergovernmental Funds	1,254,000						-	1,254,000
General Fund							-	-
Capital Project Fund							-	-
Storm Water Fund							-	-
GO Bonds	113,663						-	113,663
Installment Financing							-	-
Other	199,837						-	199,837
<b>Total Funding</b>	<b>\$ 1,567,500</b>	<b>\$ -</b>	<b>\$ 1,567,500</b>					

<b>Operating Budget Impact</b>								
Personnel							-	-
Operating		1,500	1,500	1,500	1,500	1,500	7,500	9,000
Capital Outlay							-	-
Debt Service							-	-
<b>Total Oper Bdgt Impact</b>	<b>\$ -</b>	<b>\$ 1,500</b>	<b>\$ 7,500</b>	<b>\$ 9,000</b>				

*Tax Rate that equals Local share & Debt Service      0.0000      0.0000      0.0000      0.0000      0.0000      0.0000*

### Description and Benefits

The Morgan Creek Greenway system consists of approximately 9,000 feet (1.7-miles) of greenway to extend along Morgan Creek from Smith Level Road to University Lake, linking residential areas, recreational destinations, and schools. The project was programmed for funding for phases 1 & 2. In late 2018, the project scope was modified and all funding shifted to phase 1 to avoid possible loss due to scheduled federal rescission. The municipal agreement and CIP ordinance have been revised accordingly. The project was advertised in 2019; bids came in over the engineer's estimate. Staff is pursuing value engineering modifications to the design with the Town Engineer, and anticipates re-advertising for bid in spring 2021 with construction complete in 12-18 months. The completed greenway will consist of a 10-foot wide multi-use path. \$199,837 of Orange County Transit Funds are allocated for project and may be applied toward local match. Staff is seeking \$135,000 of transit funds to cover costs associated with preparing updated bid documents. (See Granicus 20-423, November 17, 2020 with detail description of cost estimates.)

### Energy Sustainable Measures

The Morgan Creek (MC) greenway system will provide an off-road bike-ped network connecting multiple residential neighborhoods to University Lake, Carrboro High School, Frank Porter Graham Elem School and the future sidewalk leading to downtown Carrboro. Ph I of the greenway will also link to the MC greenway system in Chapel Hill leading to additional destinations, which may encourage alternative modes of travel and reduce vehicular trips and associated emissions.

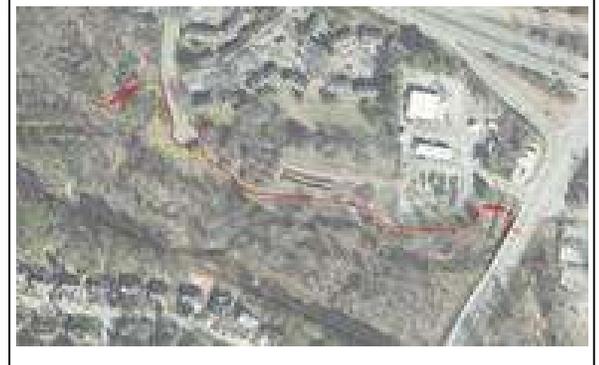
### Oper Bdgt Impacts & Funding (list grants, matching requirements, etc)

Grant funding provided through the DCHC MPO includes federal STP-DA and TAP-DA funds and require a 20% local match. Funds identified for the match include Orange County Transit funds (other) and Bond proceeds. Some costs relating to ongoing maintenance anticipated.

### Town Council Strategic Goals: ("X" all that apply for this project)

- Maintaining the existing infrastructure in order to protect the Town's investments
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**Project Map**







## Town of Carrboro, NC Capital Improvement Plan for FY22 thru FY26

Project Title: **Jones Creek Greenway**  
 Location: **Connecting link fr Lake Hogan Farms to Morris Grove Elem School**  
 Project Status: **Existing Project - No Additional Funding Programmed**

Project # **PL55033**  
 Category: **Planning & Zoning**  
 Fund: **62 - Bond Fund**

Proj Start Date: **4/1/2018**      Finish Date: **3/13/2022**

	<u>Previous Funding</u>	<u>FY 2022</u>	<u>FY 2023</u>	<u>FY 2024</u>	<u>FY 2025</u>	<u>FY 2026</u>	<u>FY22-FY26 Total</u>	<u>Project Total</u>
<b>Expenses</b>								
Planning/Design	196,000						-	196,000
Construction	654,250						-	654,250
Land/ROW							-	-
Equipment/Furnishings							-	-
<b>Total Expenditures</b>	<b>\$ 850,250</b>	<b>\$ -</b>	<b>\$ 850,250</b>					

<b>Appropriations</b>								
Intergovernmental Funds	680,200						-	680,200
General Fund							-	-
Capital Project Fund							-	-
Storm Water Fund							-	-
GO Bonds	170,050						-	170,050
Installment Financing							-	-
Other							-	-
<b>Total Funding</b>	<b>\$ 850,250</b>	<b>\$ -</b>	<b>\$ 850,250</b>					

<b>Operating Budget Impact</b>								
Personnel			1,200	1,200	1,200	1,200	4,800	4,800
Operating							-	-
Capital Outlay							-	-
Debt Service							-	-
<b>Total Oper Bdgt Impact</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 1,200</b>	<b>\$ 1,200</b>	<b>\$ 1,200</b>	<b>\$ 1,200</b>	<b>\$ 4,800</b>	<b>\$ 4,800</b>

*Tax Rate that equals Local share & Debt Service*      **0.0000**      **0.0000**      **0.0000**      **0.0000**      **0.0000**      **0.0000**

### Description and Benefits

The project will include the construction of a 100-foot bridge and a paved 10-ft. or wider shared use path for bicyclists and pedestrians that adds another segment to the Town's greenway network north of Homestead Rd. along Jones Creek, connecting with the Twin Creeks Greenway. The project will provide walking and cycling options for the Lake Hogan Farms, Legends, Ballentine, and Fox Meadow neighborhoods to destinations such as Morris Grove Elementary and the future Twin Creeks Park (TIP# C-5181). The CIP Ordinance was amended on November 17, 2020 (Granicus 20-416) to reflect the updated project cost of \$850,250.

### Energy Sustainable Measures

Once completed the project will offer an off-route alternative to vehicular travel, particularly to the elementary school, which generates daily trips at peak times. The project will also provide access to the future Twin Creek Park, an active athletic facility. The use of CMAQ funding requires an analysis of emissions reduction.

### Oper Bdgt Impacts & Funding (list grants, matching requirements, etc)

Through the DCHC MPO prioritization project funding process, the Town has secured federal-aid transportation financing for design and construction of one of two segments of the Jones Creek Greenway with CMAQ funding. Some costs relating to ongoing maintenance anticipated.

### Town Council Strategic Goals: ("X" all that apply for this project)

- Maintaining the existing infrastructure in order to protect the Town's investments
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# Town of Carrboro, NC

## Capital Improvement Plan for FY22 thru FY26

Project Title: **Estes Drive Bike-Ped Improvements**  
 Location: **Estes Drive from North Greensboro St to Chapel Hill line**  
 Project Status: **Proposed**

Project # **PL1**  
 Category: **Planning & Zoning**  
 Fund: **66 - Capital Projects Fund**

Proj Start Date: **7/1/2021**      Finish Date: **6/30/2026**

	Previous Funding	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY22-FY26 Total	Project Total
<b>Expenses</b>								
Planning/Design		170,000					170,000	170,000
Construction						848,000	848,000	848,000
Land/ROW				46,000			46,000	46,000
Equipment/Furnishings							-	-
<b>Total Expenditures</b>	\$ -	\$ 170,000	\$ -	\$ 46,000	\$ -	\$ 848,000	\$ 1,064,000	\$ 1,064,000

	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY22-FY26 Total	Project Total	
<b>Appropriations</b>								
Intergovernmental Funds	136,000		37,000		678,000	851,000	851,000	
General Fund						-	-	
Capital Project Fund						-	-	
Storm Water Fund						-	-	
GO Bonds						-	-	
Installment Financing						-	-	
Other	34,000		9,000		170,000	213,000	213,000	
<b>Total Funding</b>	\$ -	\$ 170,000	\$ -	\$ 46,000	\$ -	\$ 848,000	\$ 1,064,000	\$ 1,064,000

	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY22-FY26 Total	Project Total
<b>Operating Budget Impact</b>							
Personnel						-	-
Operating					1,500	1,500	1,500
Capital Outlay						-	-
Debt Service						-	-
<b>Total Oper Bdgt Impact</b>	\$ -	\$ -	\$ -	\$ -	\$ 1,500	\$ 1,500	\$ 1,500

*Tax Rate that equals Local share & Debt Service*      **0.0000**      **0.0000**      **0.0000**      **0.0000**      **0.0000**      **0.0000**

**Description and Benefits**

This is a collaborative project with Chapel Hill to design and install bike-ped, and transit, improvements along the Estes Drive corridor from N Greensboro Street to MLK Blvd (TIP #EB-5886). Approximately 0.86 miles of the corridor is in Carrboro and amounts are only for the Carrboro portion. Bike-ped improvements to Estes Drive is included in the Carrboro Safe Routes to School Plan. More than 1,279 residents live within 1/2 mile (the walking service area) of the corridor, including lower income residents in apartments. Carrboro Elementary School is within the 1/2 mile walk area. This is a much needed facility that would establish a bike-ped network along the entire corridor which crosses the boundary between the towns and connects to downtown Carrboro, Carrboro Elementary, Wilson Park, etc. The project is listed in the FY2020-2029 STIP as two separate projects for funding purposes (Carrboro: EB-5886A, Chapel Hill: EB-5886B), with the following amounts for Carrboro's project: \$851,000 (federal TAP) + \$213,000 (local match) = \$1,064,000. Note: NCDOT rounds up; these figures are slightly different from 80% & 20%. The Town has not yet entered into a municipal agreement with NCDOT. Project includes Orange County Transit Funds.

**Energy Sustainable Measures**

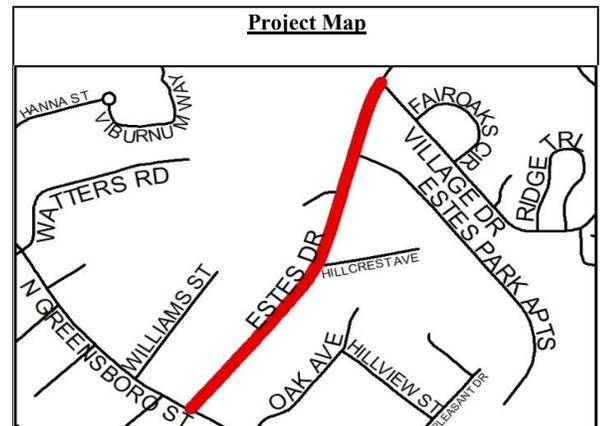
Some apartments along this corridor serve students and low-to medium income families. It is heavily used by all modes, although current safety concerns limit the potential for additional bike-ped users. Its completion provides an alternative mode of transportation for many residents and may reduce the need for vehicular travel for some trips, and therefore contribute to the reduction of greenhouse gas emissions.

**Oper Bdgt Impacts & Funding (list grants, matching requirements, etc)**

This project has been programmed for federal TAP funding through the DCHC MPO, in the FY20-29 TIP as #EB-5886. The 20% local match that is required for the design and construction phase, and the corridor study portion of the project, is available from Orange County Transit funds. Maintenance costs estimated for bike lanes and sidewalk.

**Town Council Strategic Goals: ("X" all that apply for this project)**

- Maintaining the existing infrastructure in order to protect the Town's investments
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# Town of Carrboro, NC

## Capital Improvement Plan for FY22 thru FY26

Project Title: **Jones Ferry Road Sidewalk**  
 Location: **Jones Ferry Road from Davie Road to West Main St**  
 Project Status: **Proposed**

Project # **PL2**  
 Category: **Planning & Zoning**  
 Fund: **66 - Capital Projects Fund**

Proj Start Date: <b>7/1/2022</b>	Finish Date: <b>6/30/2025</b>
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	<u>Previous Funding</u>	<u>FY 2022</u>	<u>FY 2023</u>	<u>FY 2024</u>	<u>FY 2025</u>	<u>FY 2026</u>	<u>FY22-FY26 Total</u>	<u>Project Total</u>
<b>Expenses</b>								
Planning/Design			89,000				89,000	89,000
Construction					441,000		441,000	441,000
Land/ROW				31,000			31,000	31,000
Equipment/Furnishings							-	-
<b>Total Expenditures</b>	\$ -	\$ -	\$ 89,000	\$ 31,000	\$ 441,000	\$ -	\$ 561,000	\$ 561,000

<b>Appropriations</b>								
Intergovernmental Funds			71,200	24,800	353,000		449,000	449,000
General Fund							-	-
Capital Project Fund			17,800	6,200	88,000		112,000	112,000
Storm Water Fund							-	-
GO Bonds							-	-
Installment Financing							-	-
Other							-	-
<b>Total Funding</b>	\$ -	\$ -	\$ 89,000	\$ 31,000	\$ 441,000	\$ -	\$ 561,000	\$ 561,000

<b>Operating Budget Impact</b>								
Personnel							-	-
Operating							-	-
Capital Outlay							-	-
Debt Service							-	-
<b>Total Oper Bdgt Impact</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

*Tax Rate that equals Local share & Debt Service*                      **0.0000**                      **0.0008**                      **0.0003**                      **0.0039**                      **0.0000**                      **0.0050**

**Description and Benefits**

Design and construction of a section of sidewalk (approximately 0.5 mile in length) along the north side of Jones Ferry Road from Davie Road to West Main Street. This project would complete a missing segment of sidewalk left over from the NCDOT Spot Safety project along Jones Ferry Road. The completed project would complete the pedestrian network from Jones Ferry Road, south of the NC 54 bypass to downtown Carrboro, with major transit stops, grocery shopping, etc. Several of the apartments along this corridor serve students and low-to-medium income families. The project is listed in the FY2020-2029 STIP (TIP # EB-5880). The Town has not yet entered into a municipal agreement with NCDOT (for TAP funds); project was put on hold due to NCDOT funding issues. The DCHC MPO submitted updated project schedules to NCDOT; Town CIP schedule updated to match new timelines.

**Energy Sustainable Measures**

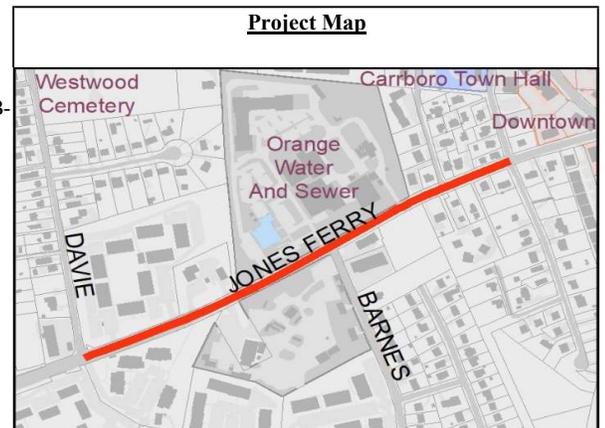
This sidewalk project fills the gap in the sidewalk system along Jones Ferry Road an important pedestrian route into the downtown. Its completion provides an alternative mode of transportation for many residents and may reduce the need for vehicular travel for some trips, and therefore contribute to the reduction of greenhouse gas emissions.

**Oper Bdgt Impacts & Funding (list grants, matching requirements, etc)**

Grant funding provided through the DCHC MPO includes federal STP-DA Funds, which requires a 20% local match. The project has been programed in the FY2020-2029 STIP as #EB-5880. The Town has not yet initiated a Municipal Agreement with NCDOT or adopted a CIP ordinance for this project.

**Town Council Strategic Goals: ("X" all that apply for this project)**

- Maintaining the existing infrastructure in order to protect the Town's investments
- Expanding the Town's tax base in a way that will benefit both current and future citizens
- Complying with State and Federal mandates
- Incorporating energy and climate protection strategies
- Providing Town services in the most efficient, safe and quality manner
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# Town of Carrboro, NC

## Capital Improvement Plan for FY22 thru FY26

Project Title: **Barnes Street Sidewalk**  
 Location: **Barnes Street from King Street to Jones Ferry Road**  
 Project Status: **Proposed**

Project # **PL3**  
 Category: **Planning & Zoning**  
 Fund: **66 - Capital Projects Fund**

Proj Start Date: <b>7/1/2022</b>	Finish Date: <b>6/30/2025</b>
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	<u>Previous Funding</u>	<u>FY 2022</u>	<u>FY 2023</u>	<u>FY 2024</u>	<u>FY 2025</u>	<u>FY 2026</u>	<u>FY22-FY26 Total</u>	<u>Project Total</u>
<b>Expenses</b>								
Planning/Design			46,000				46,000	46,000
Construction					230,000		230,000	230,000
Land/ROW				16,000			16,000	16,000
Equipment/Furnishings							-	-
<b>Total Expenditures</b>	\$ -	\$ -	\$ 46,000	\$ 16,000	\$ 230,000	\$ -	\$ 292,000	\$ 292,000

<b>Appropriations</b>								
Intergovernmental Funds			37,000	13,000	184,000		234,000	234,000
General Fund							-	-
Capital Project Fund			9,000	3,000	46,000		58,000	58,000
Storm Water Fund							-	-
GO Bonds							-	-
Installment Financing							-	-
Other							-	-
<b>Total Funding</b>	\$ -	\$ -	\$ 46,000	\$ 16,000	\$ 230,000	\$ -	\$ 292,000	\$ 292,000

<b>Operating Budget Impact</b>								
Personnel							-	-
Operating							-	-
Capital Outlay							-	-
Debt Service							-	-
<b>Total Oper Bdgt Impact</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

*Tax Rate that equals Local share & Debt Service*                      **0.0000**                      **0.0004**                      **0.0001**                      **0.0020**                      **0.0000**                      **0.0025**

**Description and Benefits**

Design and construct a sidewalk along one side of Barnes Street, approximately 0.26 mile, from King Street to Jones Ferry Road (SR 1005). Barnes Street links a number of apartment complexes, including Carolina Apartments, University Lake Apartments and Royal Park along NC 54, to Jones Ferry Road near Town Hall. The installation of a sidewalk would facilitate bike-pedestrian travel modes as well as provide a safety alternative to walking along NC 54 to reach downtown Carrboro, transit stops, grocery shopping, etc. The apartments tend to serve students and low-to-medium income families. The project is listed in the FY2020-2029 STIP (TIP # EB-5890). The Town has not yet entered into a municipal agreement with NCDOT (for TAP funds); project was put on hold due to NCDOT funding issues. The DCHC MPO submitted updated project schedules to NCDOT; Town CIP schedule updated to match new timelines.

**Energy Sustainable Measures**

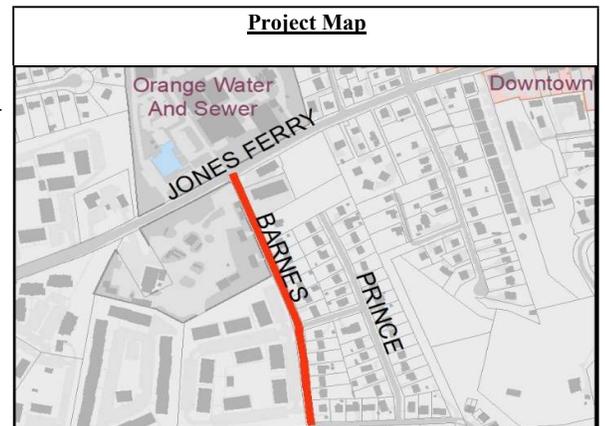
This sidewalk project would provide needed infrastructure along an important pedestrian route into the downtown, particularly for those without access to an automobile. Its completion provides a direct cut-through to downtown as well as an alternative mode of transportation and may reduce the need for vehicular travel, particularly along NC 54, and therefore contribute to the reduction of greenhouse gas emissions.

**Oper Bdgt Impacts & Funding (list grants, matching requirements, etc)**

Grant funding provided through the DCHC MPO includes federal STP-DA Funds, which require a 20% local match. The project has been programed in the FY2020-2029 STIP as #EB-5890. The Town has not yet initiated a Municipal Agreement with NCDOT or adopted a CIP ordinance for this project.

**Town Council Strategic Goals: ("X" all that apply for this project)**

- Maintaining the existing infrastructure in order to protect the Town's investments
- Expanding the Town's tax base in a way that will benefit both current and future citizens
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## Town of Carrboro, NC Capital Improvement Plan for FY22 thru FY26

Project Title: **NC 54 Side Path**  
 Location: **NC 54 from West Main Street to Anderson Park**  
 Project Status: **Proposed**

Project # **PL4**  
 Category: **Planning & Zoning**  
 Fund: **66 - Capital Projects Fund**

Proj Start Date: <b>7/1/2023</b>	Finish Date: <b>6/30/2026</b>
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	<u>Previous Funding</u>	<u>FY 2022</u>	<u>FY 2023</u>	<u>FY 2024</u>	<u>FY 2025</u>	<u>FY 2026</u>	<u>FY22-FY26 Total</u>	<u>Project Total</u>
<b>Expenses</b>								
Planning/Design				238,000			238,000	238,000
Construction							-	-
Land/ROW						43,000	43,000	43,000
Equipment/Furnishings							-	-
<b>Total Expenditures</b>	\$ -	\$ -	\$ -	\$ 238,000	\$ -	\$ 43,000	\$ 281,000	\$ 281,000

<b>Appropriations</b>								
Intergovernmental Funds				190,000		34,000	224,000	224,000
General Fund							-	-
Capital Project Fund				48,000		9,000	57,000	57,000
Storm Water Fund							-	-
GO Bonds							-	-
Installment Financing							-	-
Other							-	-
<b>Total Funding</b>	\$ -	\$ -	\$ -	\$ 238,000	\$ -	\$ 43,000	\$ 281,000	\$ 281,000

<b>Operating Budget Impact</b>								
Personnel							-	-
Operating							-	-
Capital Outlay							-	-
Debt Service							-	-
<b>Total Oper Bdgt Impact</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

*Tax Rate that equals Local share & Debt Service*                      **0.0000**                      **0.0000**                      **0.0021**                      **0.0000**                      **0.0004**                      **0.0025**

**Description and Benefits**

Design and construct a ten-foot wide sidepath along the north side of NC 54 from the intersection of James and West Main Street to Anderson Park. The project would provide an enhanced bike-ped connectivity from downtown Carrboro and to Anderson Park and parts west, facilitating bike-ped travel modes and providing a safer alternative to walking along the shoulder of NC 54 to reach downtown Carrboro, transit stops, grocery shopping, etc. The Carrboro Post Office and Lloyd Farm mixed-use development would have direct access to this facility. The sidepath would provide an important segment along a potential future sidepath along much of NC 54. The project is listed in the FY2020-2029 STIP (TIP # EB-5994). The Town has not yet entered into a municipal agreement with NCDOT (for TAP funds); project was put on hold due to NCDOT funding issues. The DCHC MPO submitted updated project schedules to NCDOT; Town CIP schedule updated to match new timelines: PE FY 2024; ROW FY 2026; CONSTR FY 2028 for \$1,188,000. \*Note: the CIP table above does not extend into 2028.

**Energy Sustainable Measures**

This sidewalk project would provide needed infrastructure along an important route into the downtown and out to Anderson Park, particularly for those without access to an automobile. Its completion provides a direct route to downtown as well as an alternative mode of transportation and may reduce the need for vehicular travel, particularly along NC 54, and therefore contribute to the reduction of greenhouse gas emissions.

**Oper Bdgt Impacts & Funding (list grants, matching requirements, etc)**

Grant funding provided through the DCHC MPO includes federal STP-DA Funds, which require a 20% local match. The project has been programed in the FY2020-2029 STIP as #EB-5994. The Town has not yet initiated a Municipal Agreement with NCDOT or adopted a CIP ordinance for this project.

**Town Council Strategic Goals: ("X" all that apply for this project)**

- Maintaining the existing infrastructure in order to protect the Town's investments
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# Town of Carrboro, NC

## Capital Improvement Plan for FY22 thru FY26

Project Title: **Downtown Connector**  
 Location: **Lloyd Street to North Greensboro Street**  
 Project Status: **Proposed**

Project # **PL5**  
 Category: **Planning & Zoning**  
 Fund: **66 - Capital Projects Fund**

Proj Start Date: <b>7/1/2022</b>	Finish Date: <b>6/30/2024</b>
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	Previous Funding	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY22-FY26 Total	Project Total
<b>Expenses</b>								
Planning/Design			28,604				28,604	28,604
Construction				176,841			176,841	176,841
Land/ROW			9,809				9,809	9,809
Equipment/Furnishings							-	-
<b>Total Expenditures</b>	\$ -	\$ -	\$ 38,413	\$ 176,841	\$ -	\$ -	\$ 215,254	\$ 215,254

	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY22-FY26 Total	Project Total
<b>Appropriations</b>							
Intergovernmental Funds		29,398	99,011			128,409	128,409
General Fund						-	-
Capital Project Fund		9,015	77,830			86,845	86,845
Storm Water Fund						-	-
GO Bonds						-	-
Installment Financing						-	-
Other						-	-
<b>Total Funding</b>	\$ -	\$ -	\$ 38,413	\$ 176,841	\$ -	\$ -	\$ 215,254

	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY22-FY26 Total	Project Total
<b>Operating Budget Impact</b>							
Personnel						-	-
Operating						-	-
Capital Outlay						-	-
Debt Service						-	-
<b>Total Oper Bdgt Impact</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

*Tax Rate that equals Local share & Debt Service*                      **0.0000**                      **0.0004**                      **0.0034**                      **0.0000**                      **0.0000**                      **0.0038**

**Description and Benefits**

Construct a multi-use path connecting Greensboro and Lloyd Streets, including a railroad crossing. The path would provide east-west access for bicyclists and pedestrians as an alternative to travel on East Main, Weaver and North Greensboro streets, which experience heavy motor vehicle traffic. Project would provide more direct access for residents in the Lloyd-Broad Street neighborhood to Carr Mill, Harris Teeter and CVS. The project would serve as a spur to the Campus-to-Campus Bicycle Connector project, which was planned to connect UNC’s main campus to the future satellite campus, and could also connect with Chapel Hill’s Tanyard Branch project by way of the end of Broad Street. Final alignment for this project is to be determined during the design phase. The project is listed in the FY2020-2029 STIP (TIP # C-5605A). The Town has not yet entered into a municipal agreement with NCDOT (for CMAQ funds). There may be challenges associated with NCRR, Norfolk Southern Railroad allowing an at-grade crossing, even at this low volume location.

**Energy Sustainable Measures**

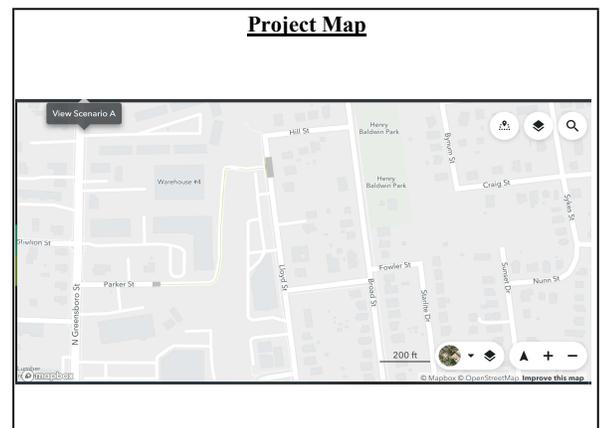
This project creates an alternative route that connects the East Main Street area and Lloyd-Broad Street/Northside neighborhoods, with downtown Carrboro and Chapel Hill providing an off-road connection from residential areas to key designations that may increase local walking and cycling. The use of CMAQ funding requires an analysis of emissions reduction.

**Oper Bdgt Impacts & Funding (list grants, matching requirements, etc)**

Through the DCHC MPO prioritization project funding process, the Town has secured federal CMAQ funding for design/ROW and construction costs. Minor costs relating to ongoing maintenance anticipated.

**Town Council Strategic Goals: ("X" all that apply for this project)**

- Maintaining the existing infrastructure in order to protect the Town's investments
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# Town of Carrboro, NC

## Capital Improvement Plan for FY22 thru FY26

Project Title: **East Main Street Redesign**  
 Location: **East Main Street, Franklin to Roberson**  
 Project Status: **Proposed**

Project # **PL6**  
 Category: **Planning & Zoning**  
 Fund: **66 - Capital Projects Fund**

Proj Start Date: <b>7/1/2021</b>	Finish Date: <b>6/30/2022</b>
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	<u>Previous Funding</u>	<u>FY 2022</u>	<u>FY 2023</u>	<u>FY 2024</u>	<u>FY 2025</u>	<u>FY 2026</u>	<u>FY22-FY26 Total</u>	<u>Project Total</u>
<b>Expenses</b>								
Planning/Design		44,000					44,000	44,000
Construction		70,000					70,000	70,000
Land/ROW							-	-
Equipment/Furnishings							-	-
<b>Total Expenditures</b>	\$ -	\$ 114,000	\$ -	\$ -	\$ -	\$ -	\$ 114,000	\$ 114,000

	<u>Previous Funding</u>	<u>FY 2022</u>	<u>FY 2023</u>	<u>FY 2024</u>	<u>FY 2025</u>	<u>FY 2026</u>	<u>FY22-FY26 Total</u>	<u>Project Total</u>
<b>Appropriations</b>								
Intergovernmental Funds							-	-
General Fund							-	-
Capital Project Fund		114,000					114,000	114,000
Storm Water Fund							-	-
GO Bonds							-	-
Installment Financing							-	-
Other							-	-
<b>Total Funding</b>	\$ -	\$ 114,000	\$ -	\$ -	\$ -	\$ -	\$ 114,000	\$ 114,000

	<u>Previous Funding</u>	<u>FY 2022</u>	<u>FY 2023</u>	<u>FY 2024</u>	<u>FY 2025</u>	<u>FY 2026</u>	<u>FY22-FY26 Total</u>	<u>Project Total</u>
<b>Operating Budget Impact</b>								
Personnel							-	-
Operating			1,000	1,000	1,000	1,000	4,000	4,000
Capital Outlay							-	-
Debt Service							-	-
<b>Total Oper Bdgt Impact</b>	\$ -	\$ -	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000	\$ 4,000	\$ 4,000

*Tax Rate that equals Local share & Debt Service*                      **0.0050**                      **0.0000**                      **0.0000**                      **0.0000**                      **0.0000**                      **0.0050**

**Description and Benefits**

Modify pavement markings along E Main Street to provide one vehicle lane in each direction, a center turn lane, and bicycle lanes. Creation of dedicated space for people on bikes can help further encourage mode shift away from motor vehicles, improve bicycle safety, and public health through increased physical activity. The project would provide connectivity from W Rosemary Street to Roberson St, creating a bicycle route into the middle of downtown and the future 203 Project. Bike lanes also provide a buffer between motor vehicles and the sidewalk which can enhance the pedestrian experience and create a more inviting place to walk.

Costs for this project include Final Pavement Marking Design (\$8k), Signal Timing Plans and Traffic Signal Design (\$36k), construction of Traffic Signal Modifications (\$40k), Optional Engineer's Estimate (\$2k), Installation of non-standard pavement markings (range from \$7k to \$28k).

**Energy Sustainable Measures**

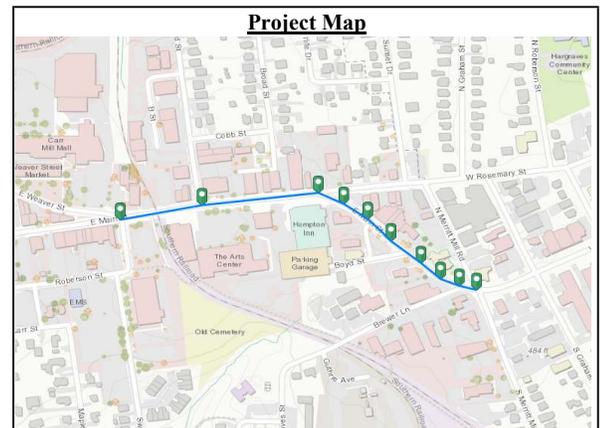
By increasing the mode shift from motor vehicles to bicycles, notable benefits in reduction in air pollution/GHG emissions and reduced dependency on fossil fuels can be realized.

**Oper Bdgt Impacts & Funding (list grants, matching requirements, etc)**

NCDOT is funding the resurfacing of the street, and the installation of standard pavement markings. Other modifications desired by the Town, and approved by NCDOT, must be installed by the Town. Such as green thermoplastic or specialized transit stop markings, & engineering standards signal modifications. Upkeep of green paint markings (if installed).

**Town Council Strategic Goals: ("X" all that apply for this project)**

- Maintaining the existing infrastructure in order to protect the Town's investments
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## Town of Carrboro, NC Capital Improvement Plan for FY22 thru FY26

Project Title: **Bus Shelter Replacement**  
 Location: **Town of Carrboro**  
 Project Status: **Existing Project - No Additional Funding Programmed**

Project # **PW20204**  
 Category: **Public Works**  
 Fund: **66 - Capital Projects Fund**

Proj Start Date: **11/1/2019**      Finish Date: **6/30/2021**

	<u>Previous Funding</u>	<u>FY 2022</u>	<u>FY 2023</u>	<u>FY 2024</u>	<u>FY 2025</u>	<u>FY 2026</u>	<u>FY22-FY26 Total</u>	<u>Project Total</u>
<b>Expenses</b>								
Planning/Design							-	-
Construction	288,000						-	288,000
Land/ROW							-	-
Equipment/Furnishings							-	-
<b>Total Expenditures</b>	\$ 288,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 288,000

<b>Appropriations</b>								
Intergovernmental Funds							-	-
General Fund	288,000						-	288,000
Capital Project Fund							-	-
Storm Water Fund							-	-
GO Bonds							-	-
Installment Financing							-	-
Other							-	-
<b>Total Funding</b>	\$ 288,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 288,000

<b>Operating Budget Impact</b>								
Personnel							-	-
Operating							-	-
Capital Outlay							-	-
Debt Service							-	-
<b>Total Oper Bdgt Impact</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

*Tax Rate that equals Local share & Debt Service*                      **0.0000**      **0.0000**      **0.0000**      **0.0000**      **0.0000**      **0.0000**

**Description and Benefits**

This project consists of replacing and/or maintaining all of the twenty-seven (27) bus shelters in Town. The Town will work with Chapel Hill Transit to replace 5 shelters and repair 4 shelters per the updated MOU. The 5 replacement shelters will be purchased by Chapel Hill Transit with these funds, and is estimated at \$117,500. The remaining repair work will be bid out by Public Works.

**Energy Sustainable Measures**

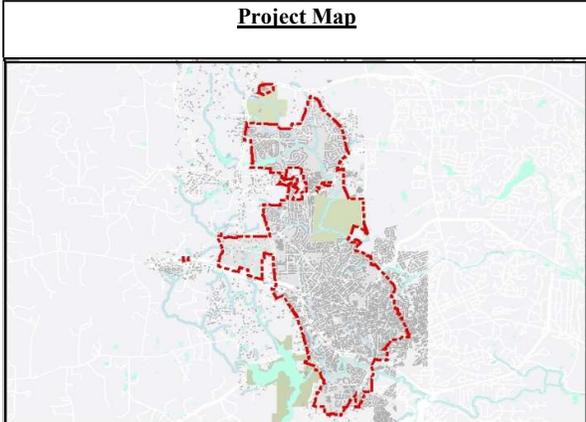
This project will provide a better public transit experience for Carrboro residents. It has the potential to attract more transit users, which would then take more cars off of the road, resulting in less carbon emissions.

**Oper Bdgt Impacts & Funding (list grants, matching requirements, etc)**

Once the shelters are repaired or replaced, it is intended that Chapel Hill Transit will assume the future maintenance and repair of these shelters.

**Town Council Strategic Goals: ("X" all that apply for this project)**

- Maintaining the existing infrastructure in order to protect the Town's investments
- Expanding the Town's tax base in a way that will benefit both current and future citizens
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## Town of Carrboro, NC Capital Improvement Plan for FY22 thru FY26

Project Title: **Street Resurfacing**  
 Location: **Town of Carrboro**  
 Project Status: **Existing Project - Additional Funding Programmed**

Project # **PW33003**  
 Category: **Public Works**  
 Fund: **66 - Capital Projects Fund**

Proj Start Date: 7/1/2021	Finish Date: 6/30/2026
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	<u>Previous Funding</u>	<u>FY 2022</u>	<u>FY 2023</u>	<u>FY 2024</u>	<u>FY 2025</u>	<u>FY 2026</u>	<u>FY22-FY26 Total</u>	<u>Project Total</u>
<b>Expenses</b>								
Planning/Design							-	-
Construction	195,857	600,000		1,200,000		1,200,000	3,000,000	3,195,857
Land/ROW							-	-
Equipment/Furnishings							-	-
<b>Total Expenditures</b>	\$ 195,857	\$ 600,000	\$ -	\$ 1,200,000	\$ -	\$ 1,200,000	\$ 3,000,000	\$ 3,195,857

<b>Appropriations</b>								
Intergovernmental Funds		600,000		800,000		800,000	2,200,000	2,200,000
General Fund	195,857			400,000		400,000	800,000	995,857
Capital Project Fund							-	-
Storm Water Fund							-	-
GO Bonds							-	-
Installment Financing							-	-
Other							-	-
<b>Total Funding</b>	\$ 195,857	\$ 600,000	\$ -	\$ 1,200,000	\$ -	\$ 1,200,000	\$ 3,000,000	\$ 3,195,857

<b>Operating Budget Impact</b>								
Personnel							-	-
Operating							-	-
Capital Outlay							-	-
Debt Service							-	-
<b>Total Oper Bdgt Impact</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

*Tax Rate that equals Local share & Debt Service*                      **0.0000**                      **0.0000**                      **0.0176**                      **0.0000**                      **0.0176**                      **0.0352**

**Description and Benefits**

Ongoing road resurfacing projects. This biannual budget is necessary to keep Carrboro roads from falling into disrepair. Performing resurfacing projects on a bi-yearly basis will allow Public Works to maintain good road conditions and not become overwhelmed with road projects.

A street condition study was completed in FY 2020 which identified and prioritized roadways in need of repair or resurfacing. \$600,000 is then allocated per year to maintain roadways and make the necessary repairs. Resurfacing is expected to begin in April 2022.

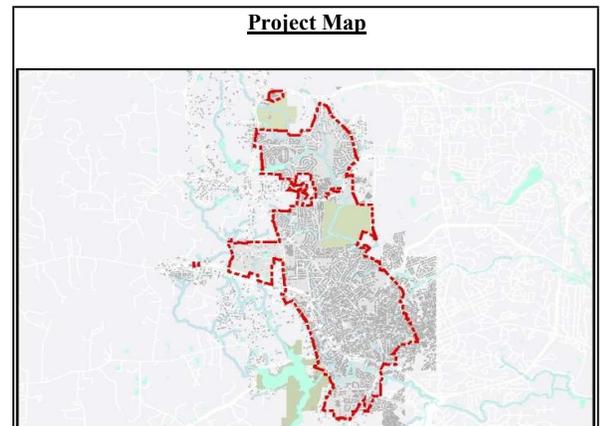
**Energy Sustainable Measures**

**Oper Bdgt Impacts & Funding (list grants, matching requirements, etc)**

State Powell Bill Funding of \$400K each year.

**Town Council Strategic Goals: ("X" all that apply for this project)**

- Maintaining the existing infrastructure in order to protect the Town's investments
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# Town of Carrboro, NC

## Capital Improvement Plan for FY22 thru FY26

Project Title: **Town Hall Renovations**  
 Location: **Town Hall**  
 Project Status: **Proposed**

Project # **PW2**  
 Category: **Public Works**  
 Fund: **66 - Capital Projects Fund**

Proj Start Date: <b>8/1/2022</b>	Finish Date: <b>11/1/2025</b>
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	<u>Previous Funding</u>	<u>FY 2022</u>	<u>FY 2023</u>	<u>FY 2024</u>	<u>FY 2025</u>	<u>FY 2026</u>	<u>FY22-FY26 Total</u>	<u>Project Total</u>
<b>Expenses</b>								
Planning/Design			350,000	350,000			700,000	700,000
Construction					6,100,000		6,100,000	6,100,000
Land/ROW							-	-
Equipment/Furnishings							-	-
<b>Total Expenditures</b>	\$ -	\$ -	\$ 350,000	\$ 350,000	\$ 6,100,000	\$ -	\$ 6,800,000	\$ 6,800,000

	<u>Previous Funding</u>	<u>FY 2022</u>	<u>FY 2023</u>	<u>FY 2024</u>	<u>FY 2025</u>	<u>FY 2026</u>	<u>FY22-FY26 Total</u>	<u>Project Total</u>
<b>Appropriations</b>								
Intergovernmental Funds							-	-
General Fund							-	-
Capital Project Fund							-	-
Storm Water Fund							-	-
GO Bonds							-	-
Installment Financing			350,000	350,000	6,100,000		6,800,000	6,800,000
Other							-	-
<b>Total Funding</b>	\$ -	\$ -	\$ 350,000	\$ 350,000	\$ 6,100,000	\$ -	\$ 6,800,000	\$ 6,800,000

	<u>Previous Funding</u>	<u>FY 2022</u>	<u>FY 2023</u>	<u>FY 2024</u>	<u>FY 2025</u>	<u>FY 2026</u>	<u>FY22-FY26 Total</u>	<u>Project Total</u>
<b>Operating Budget Impact</b>								
Personnel							-	-
Operating							-	-
Capital Outlay							-	-
Debt Service				29,726	58,863	570,112	658,701	658,701
<b>Total Oper Bdgt Impact</b>	\$ -	\$ -	\$ -	\$ 29,726	\$ 58,863	\$ 570,112	\$ 658,701	\$ 658,701

*Tax Rate that equals Local share & Debt Service*                      **0.0000**                      **0.0000**                      **0.0013**                      **0.0026**                      **0.0251**                      **0.0290**

**Description and Benefits**

This project consists of renovating Town Hall's entire 18,000 Square Feet. Cost estimate includes \$225/sf for renovation costs based on the Space Needs Assessment performed by Creech and Associates in 2016. An additional \$2.6M has been projected for building additions and energy sustainability measures, and \$100K for a dedicated generator for Town Hall. This project will allow for the continued use of the historically significant and centrally located Town Hall building, while upgrading the space to more effectively meet the town's needs, providing better equipped amenities and infrastructure.

**Energy Sustainable Measures**

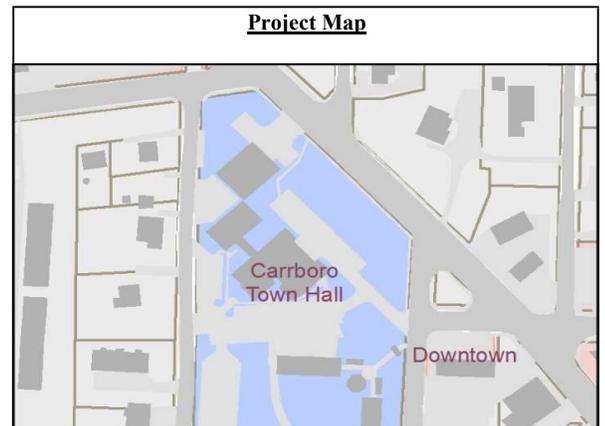
The overall building performance will be greatly improved with new insulation, HVAC equipment and other infrastructure leading to less energy demand and green house gas emissions. The environmental air quality and workspace comfort will improve as well. A significant amount of the cost of this project will be to pay for green technologies that will go towards achieving "net neutral" energy use as directed by the Climate Action Plan.

**Oper Bdgt Impacts & Funding (list grants, matching requirements, etc)**

Debt funding would be issued and require future debt service payments.

**Town Council Strategic Goals: ("X" all that apply for this project)**

- Maintaining the existing infrastructure in order to protect the Town's investments
- Expanding the Town's tax base in a way that will benefit both current and future citizens
- Complying with State and Federal mandates
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## Town of Carrboro, NC Capital Improvement Plan for FY22 thru FY26

Project Title: **Fire Station 1 Renovation**  
 Location: **Fire Station 1**  
 Project Status: **Proposed**

Project # **PW4**  
 Category: **Public Works**  
 Fund: **66 - Capital Projects Fund**

Proj Start Date: <b>7/1/2022</b>	Finish Date: <b>6/30/2025</b>
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	<u>Previous Funding</u>	<u>FY 2022</u>	<u>FY 2023</u>	<u>FY 2024</u>	<u>FY 2025</u>	<u>FY 2026</u>	<u>FY22-FY26 Total</u>	<u>Project Total</u>
<b>Expenses</b>								
Planning/Design			65,000				65,000	65,000
Construction			935,000	1,000,000			1,935,000	1,935,000
Land/ROW							-	-
Equipment/Furnishings							-	-
<b>Total Expenditures</b>	\$ -	\$ -	\$ 1,000,000	\$ 1,000,000	\$ -	\$ -	\$ 2,000,000	\$ 2,000,000

	<u>Previous Funding</u>	<u>FY 2022</u>	<u>FY 2023</u>	<u>FY 2024</u>	<u>FY 2025</u>	<u>FY 2026</u>	<u>FY22-FY26 Total</u>	<u>Project Total</u>
<b>Appropriations</b>								
Intergovernmental Funds							-	-
General Fund							-	-
Capital Project Fund							-	-
Storm Water Fund							-	-
GO Bonds							-	-
Installment Financing			1,000,000	1,000,000			2,000,000	2,000,000
Other							-	-
<b>Total Funding</b>	\$ -	\$ -	\$ 1,000,000	\$ 1,000,000	\$ -	\$ -	\$ 2,000,000	\$ 2,000,000

	<u>Previous Funding</u>	<u>FY 2022</u>	<u>FY 2023</u>	<u>FY 2024</u>	<u>FY 2025</u>	<u>FY 2026</u>	<u>FY22-FY26 Total</u>	<u>Project Total</u>
<b>Operating Budget Impact</b>								
Personnel							-	-
Operating							-	-
Capital Outlay							-	-
Debt Service				84,930	168,180	167,680	420,790	420,790
<b>Total Oper Bdgt Impact</b>	\$ -	\$ -	\$ -	\$ 84,930	\$ 168,180	\$ 167,680	\$ 420,790	\$ 420,790

*Tax Rate that equals Local share & Debt Service*                      **0.0000**                      **0.0000**                      **0.0037**                      **0.0074**                      **0.0074**                      **0.0185**

**Description and Benefits**

This project consists of renovating Fire Station 1's entire 9,710 Square Feet. Cost estimate of \$225/sf based on the Space Needs Assessment performed by Creech and Associates in 2016. Amenities for emergency and on duty personnel are deficient - including sleeping quarters and shower rooms.

**Energy Sustainable Measures**

This project would increase the energy efficiency of the building.

**Oper Bdgt Impacts & Funding (list grants, matching requirements, etc)**

No operating budget impact anticipated.

**Town Council Strategic Goals: ("X" all that apply for this project)**

- Maintaining the existing infrastructure in order to protect the Town's investments
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## Town of Carrboro, NC Capital Improvement Plan for FY22 thru FY26

Project Title: **Public Works Renovation**  
 Location: **100 Public Works Drive**  
 Project Status: **Proposed**

Project # **PW5**  
 Category: **Public Works**  
 Fund: **66 - Capital Projects Fund**

Proj Start Date: <b>7/1/2021</b>	Finish Date: <b>6/30/2025</b>
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	<u>Previous Funding</u>	<u>FY 2022</u>	<u>FY 2023</u>	<u>FY 2024</u>	<u>FY 2025</u>	<u>FY 2026</u>	<u>FY22-FY26 Total</u>	<u>Project Total</u>
<b>Expenses</b>								
Planning/Design		100,000	130,000				230,000	230,000
Construction				6,000,000			6,000,000	6,000,000
Land/ROW							-	-
Equipment/Furnishings				100,000			100,000	100,000
<b>Total Expenditures</b>	\$ -	\$ 100,000	\$ 130,000	\$ 6,100,000	\$ -	\$ -	\$ 6,330,000	\$ 6,330,000

	<u>FY 2022</u>	<u>FY 2023</u>	<u>FY 2024</u>	<u>FY 2025</u>	<u>FY 2026</u>	<u>FY22-FY26 Total</u>	<u>Project Total</u>
<b>Appropriations</b>							
Intergovernmental Funds		130,000	6,100,000			6,230,000	6,230,000
General Fund						-	-
Capital Project Fund	100,000					100,000	100,000
Storm Water Fund						-	-
GO Bonds						-	-
Installment Financing						-	-
Other						-	-
<b>Total Funding</b>	\$ -	\$ 100,000	\$ 130,000	\$ 6,100,000	\$ -	\$ -	\$ 6,330,000

	<u>FY 2022</u>	<u>FY 2023</u>	<u>FY 2024</u>	<u>FY 2025</u>	<u>FY 2026</u>	<u>FY22-FY26 Total</u>	<u>Project Total</u>
<b>Operating Budget Impact</b>							
Personnel						-	-
Operating						-	-
Capital Outlay						-	-
Debt Service						-	-
<b>Total Oper Bdgt Impact</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

*Tax Rate that equals Local share & Debt Service*                      **0.0044**                      **0.0000**                      **0.0000**                      **0.0000**                      **0.0000**                      **0.0044**

**Description and Benefits**

Currently the Public Works facility is in a location prone to flooding; which impacts the ability to perform emergency services for the community. With a new facility, Public Works will be able to better serve the Town during a storm event. The current facility space is inadequate for future growth and the infrastructure is in need of renovations. The current facility is not set up as a modern Public Works facility and is lacking essential infrastructure including dry storage and a truck wash.

**Energy Sustainable Measures**

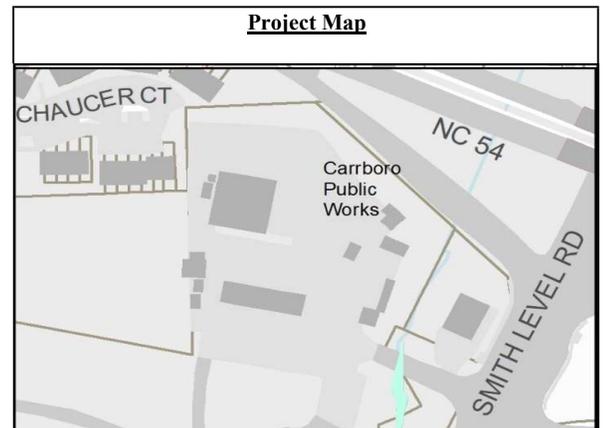
This project will result in a more energy efficient and sustainable Public Works facility. This will go towards achieving the goals in the Climate Action Plan.

**Oper Bdgt Impacts & Funding (list grants, matching requirements, etc)**

Potential for FEMA funding. No operating budget impact anticipated.

**Town Council Strategic Goals: ("X" all that apply for this project)**

- Maintaining the existing infrastructure in order to protect the Town's investments
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## Town of Carrboro, NC Capital Improvement Plan for FY22 thru FY26

Project Title: **Westwood Cemetery Development**  
 Location: **Westwood Cemetery**  
 Project Status: **Proposed**

Project # **PW8**  
 Category: **Public Works**  
 Fund: **66 - Capital Projects Fund**

Proj Start Date: <b>7/1/2022</b>	Finish Date: <b>6/30/2025</b>
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	<u>Previous Funding</u>	<u>FY 2022</u>	<u>FY 2023</u>	<u>FY 2024</u>	<u>FY 2025</u>	<u>FY 2026</u>	<u>FY22-FY26 Total</u>	<u>Project Total</u>
<b>Expenses</b>								
Planning/Design							-	-
Construction			150,000	150,000			300,000	300,000
Land/ROW							-	-
Equipment/Furnishings							-	-
<b>Total Expenditures</b>	\$ -	\$ -	\$ 150,000	\$ 150,000	\$ -	\$ -	\$ 300,000	\$ 300,000

<b>Appropriations</b>								
Intergovernmental Funds							-	-
General Fund							-	-
Capital Project Fund			150,000	150,000			300,000	300,000
Storm Water Fund							-	-
GO Bonds							-	-
Installment Financing							-	-
Other							-	-
<b>Total Funding</b>	\$ -	\$ -	\$ 150,000	\$ 150,000	\$ -	\$ -	\$ 300,000	\$ 300,000

<b>Operating Budget Impact</b>								
Personnel							-	-
Operating							-	-
Capital Outlay							-	-
Debt Service							-	-
<b>Total Oper Bdgt Impact</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

*Tax Rate that equals Local share & Debt Service*                      **0.0000**                      **0.0066**                      **0.0066**                      **0.0000**                      **0.0000**                      **0.0132**

**Description and Benefits**

Westwood Cemetery is currently half developed. The developed portion is forecasted to be completely full by 2027. Staff have developed a concept plan to develop and diversify the remaining portion of the cemetery to allow for continued use of the cemetery, as well as add pedestrian friendly features. Proposed improvements include expanded traditional burial plots, dedicated natural burial plots in the wooded areas, walking paths, columbarium, a reflection area, scattering gardens, and memorial structures. The diversified interment options will greatly expand the capacity and function of the cemetery.

**Energy Sustainable Measures**

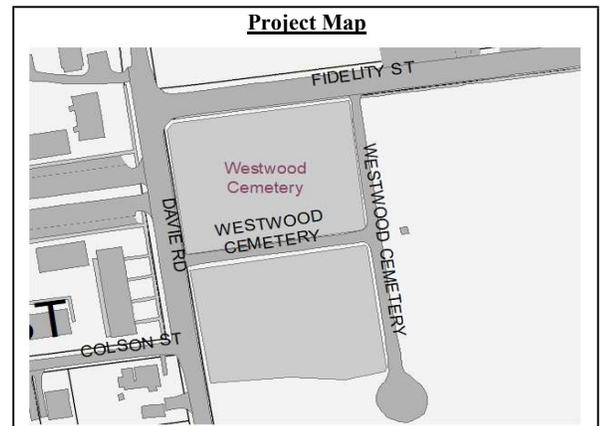
Development would include designated natural burial plots which are far more sustainable than traditional burials.

**Oper Bdgt Impacts & Funding (list grants, matching requirements, etc)**

The cemetery currently generates about \$30,000 a year in revenue from plot sales. Expanding and diversifying the infrastructure will increase the capacity and plot sales of the cemetery thereby significantly increasing the revenue from the cemetery.

**Town Council Strategic Goals: ("X" all that apply for this project)**

- Maintaining the existing infrastructure in order to protect the Town's investments
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## Town of Carrboro, NC Capital Improvement Plan for FY22 thru FY26

Project Title: **Town Hall and Fire Sta 1 Landscaping**  
 Location: **301 West Main Street**  
 Project Status: **Proposed**

Project # **PW9**  
 Category: **Public Works**  
 Fund: **66 - Capital Projects Fund**

Proj Start Date: <b>7/1/2021</b>	Finish Date: <b>6/30/2022</b>
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	<u>Previous Funding</u>	<u>FY 2022</u>	<u>FY 2023</u>	<u>FY 2024</u>	<u>FY 2025</u>	<u>FY 2026</u>	<u>FY22-FY26 Total</u>	<u>Project Total</u>
<b>Expenses</b>								
Planning/Design							-	-
Construction			191,973				191,973	191,973
Land/ROW							-	-
Equipment/Furnishings							-	-
<b>Total Expenditures</b>	\$ -	\$ -	\$ 191,973	\$ -	\$ -	\$ -	\$ 191,973	\$ 191,973

<b>Appropriations</b>								
Intergovernmental Funds							-	-
General Fund							-	-
Capital Project Fund			119,000				119,000	119,000
Storm Water Fund			72,973				72,973	72,973
GO Bonds							-	-
Installment Financing							-	-
Other							-	-
<b>Total Funding</b>	\$ -	\$ -	\$ 191,973	\$ -	\$ -	\$ -	\$ 191,973	\$ 191,973

<b>Operating Budget Impact</b>								
Personnel							-	-
Operating							-	-
Capital Outlay							-	-
Debt Service							-	-
<b>Total Oper Bdgt Impact</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

*Tax Rate that equals Local share & Debt Service*                      **0.0000**                      **0.0052**                      **0.0000**                      **0.0000**                      **0.0000**                      **0.0052**

**Description and Benefits**

Some of the landscaping around Town Hall and Fire Station 1 (FS1) is currently outdated and in need of replanting. There is not currently a landscaping plan or design for these buildings and much of the existing vegetation is overgrown or not ideal for its location. A landscape design firm has been procured to establish a master landscape design for this property which will include several stormwater mitigation features including rain gardens, silvacells, and water catchment. Invasive and non-native plant species will be replaced with native species. Pollinating plants will be prioritized. This project will also improve the site plan of the building to include additional bike storage, dumpster and equipment screening, grey water mitigation for FS1 truck washing, and improved walkways and sight lines.

**Energy Sustainable Measures**

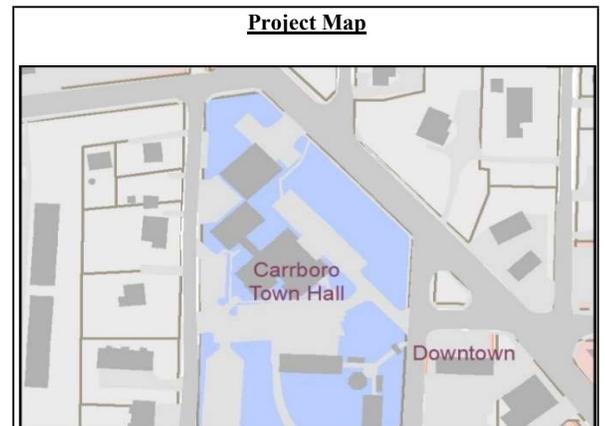
Stormwater mitigation features will reduce peak runoff in town water ways. The native and pollinating species will be better for the ecosystems.

**Oper Bdgt Impacts & Funding (list grants, matching requirements, etc)**

Stormwater funds will be used for the mitigation and storm water control measures as noted in Stormwater project #SW1.

**Town Council Strategic Goals: ("X" all that apply for this project)**

- Maintaining the existing infrastructure in order to protect the Town's investments
- Expanding the Town's tax base in a way that will benefit both current and future citizens
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# Town of Carrboro, NC

## Capital Improvement Plan for FY22 thru FY26

Project Title: **108 Bim Street Renovations**  
 Location: **108 Bim Street**  
 Project Status: **Proposed**

Project # **PW11**  
 Category: **Public Works**  
 Fund: **66 - Capital Projects Fund**

Proj Start Date: <b>7/1/2021</b>	Finish Date: <b>6/30/2023</b>
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	<u>Previous Funding</u>	<u>FY 2022</u>	<u>FY 2023</u>	<u>FY 2024</u>	<u>FY 2025</u>	<u>FY 2026</u>	<u>FY22-FY26 Total</u>	<u>Project Total</u>
<b>Expenses</b>								
Planning/Design							-	-
Construction		100,000					100,000	100,000
Land/ROW							-	-
Equipment/Furnishings							-	-
<b>Total Expenditures</b>	\$ -	\$ 100,000	\$ -	\$ -	\$ -	\$ -	\$ 100,000	\$ 100,000

<b>Appropriations</b>								
Intergovernmental Funds							-	-
General Fund							-	-
Capital Project Fund		85,000					85,000	85,000
Storm Water Fund		15,000					15,000	15,000
GO Bonds							-	-
Installment Financing							-	-
Other							-	-
<b>Total Funding</b>	\$ -	\$ 100,000	\$ -	\$ -	\$ -	\$ -	\$ 100,000	\$ 100,000

<b>Operating Budget Impact</b>								
Personnel							-	-
Operating							-	-
Capital Outlay							-	-
Debt Service							-	-
<b>Total Oper Bdgt Impact</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

*Tax Rate that equals Local share & Debt Service*                      **0.0037**                      **0.0000**                      **0.0000**                      **0.0000**                      **0.0000**                      **0.0037**

**Description and Benefits**

This CIP budget is in anticipation of the facility needs if the Town acquires the property at 108 Bim Street. Renovations to the building and parking lot are anticipated.

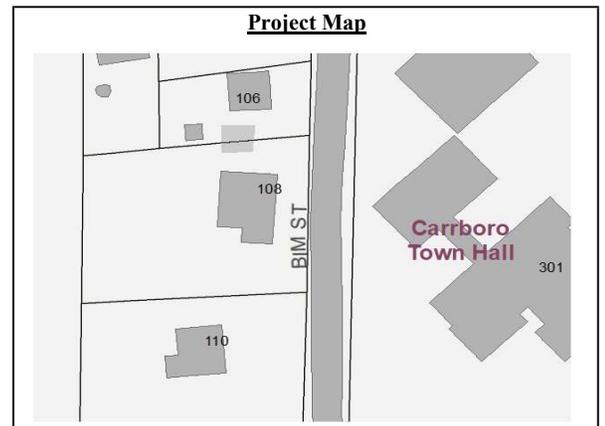
**Energy Sustainable Measures**

**Oper Bdgt Impacts & Funding (list grants, matching requirements, etc)**

Stormwater funds will be used for stormwater improvements to the property as noted in Stormwater project #SW1.

**Town Council Strategic Goals: ("X" all that apply for this project)**

- Maintaining the existing infrastructure in order to protect the Town's investments
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## Town of Carrboro, NC Capital Improvement Plan for FY22 thru FY26

Project Title: **Playground Equip (Ages 5-12) at Wilson Park**  
 Location: **Wilson Park**  
 Project Status: **Proposed**

Project # **RP2**  
 Category: **Recreation and Parks**  
 Fund: **66 - Capital Projects Fund**

Proj Start Date: <b>7/1/2024</b>	Finish Date: <b>6/30/2025</b>
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	<u>Previous Funding</u>	<u>FY 2022</u>	<u>FY 2023</u>	<u>FY 2024</u>	<u>FY 2025</u>	<u>FY 2026</u>	<u>FY22-FY26 Total</u>	<u>Project Total</u>
<b>Expenses</b>								
Planning/Design							-	-
Construction					125,000		125,000	125,000
Land/ROW							-	-
Equipment/Furnishings							-	-
<b>Total Expenditures</b>	\$ -	\$ -	\$ -	\$ -	\$ 125,000	\$ -	\$ 125,000	\$ 125,000

<b>Appropriations</b>								
Intergovernmental Funds							-	-
General Fund							-	-
Capital Project Fund					125,000		125,000	125,000
Storm Water Fund							-	-
GO Bonds							-	-
Installment Financing							-	-
Other							-	-
<b>Total Funding</b>	\$ -	\$ -	\$ -	\$ -	\$ 125,000	\$ -	\$ 125,000	\$ 125,000

<b>Operating Budget Impact</b>								
Personnel							-	-
Operating							-	-
Capital Outlay							-	-
Debt Service							-	-
<b>Total Oper Bdgt Impact</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

*Tax Rate that equals Local share & Debt Service*                      **0.0000**                      **0.0000**                      **0.0000**                      **0.0055**                      **0.0000**                      **0.0055**

**Description and Benefits**

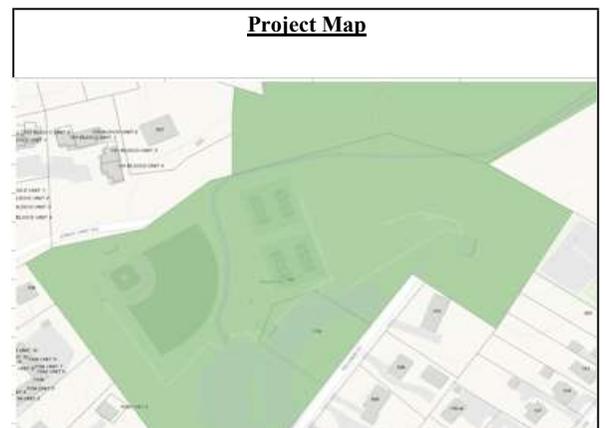
Wilson Park playground equipment for ages 5-12 was installed in the park in 2004. Public playgrounds are designed to be in service for 10-20 years and the 5-12 year old playground equipment at Wilson Park has been in service for 20 years. The playground at Wilson Park serves as a central location in Carrboro for families and caregivers to bring young children to play. The primary benefit of replacing the equipment will be ensuring the safety of the children that use it as it is heavily used by park patrons. Playground equipment helps children of any age level to develop motor skills. Finally the benefits of using playgrounds puts to use the perceptual motor skills and increases fitness ability.

**Energy Sustainable Measures**

**Oper Bdgt Impacts & Funding (list grants, matching requirements, etc)**

**Town Council Strategic Goals: ("X" all that apply for this project)**

- Maintaining the existing infrastructure in order to protect the Town's investments
- Expanding the Town's tax base in a way that will benefit both current and future citizens
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## Town of Carrboro, NC Capital Improvement Plan for FY22 thru FY26

Project Title: **Broad St. Culvert Replacement**  
 Location: **408 Broad Street**  
 Project Status: **Existing Project - No Additional Funding Programmed**

Project # **SW81001**  
 Category: **Storm Water**  
 Fund: **80 - Storm Water Fund**

Proj Start Date: **6/1/2019**      Finish Date: **6/30/2021**

	<u>Previous Funding</u>	<u>FY 2022</u>	<u>FY 2023</u>	<u>FY 2024</u>	<u>FY 2025</u>	<u>FY 2026</u>	<u>FY22-FY26 Total</u>	<u>Project Total</u>
<b>Expenses</b>								
Planning/Design	48,833						-	48,833
Construction	137,167						-	137,167
Land/ROW							-	-
Equipment/Furnishings							-	-
<b>Total Expenditures</b>	\$ 186,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 186,000

	<u>Previous Funding</u>	<u>FY 2022</u>	<u>FY 2023</u>	<u>FY 2024</u>	<u>FY 2025</u>	<u>FY 2026</u>	<u>FY22-FY26 Total</u>	<u>Project Total</u>
<b>Appropriations</b>								
Intergovernmental Funds							-	-
General Fund							-	-
Capital Project Fund							-	-
Storm Water Fund	186,000						-	186,000
GO Bonds							-	-
Installment Financing							-	-
Other							-	-
<b>Total Funding</b>	\$ 186,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 186,000

	<u>Previous Funding</u>	<u>FY 2022</u>	<u>FY 2023</u>	<u>FY 2024</u>	<u>FY 2025</u>	<u>FY 2026</u>	<u>FY22-FY26 Total</u>	<u>Project Total</u>
<b>Operating Budget Impact</b>								
Personnel							-	-
Operating		(250)	(250)	(250)	(250)	(250)	(1,250)	(1,250)
Capital Outlay							-	-
Debt Service							-	-
<b>Total Oper Bdg Impact</b>	\$ -	\$ (250)	\$ (250)	\$ (250)	\$ (250)	\$ (250)	\$ (1,250)	\$ (1,250)

### Description and Benefits

There is a 24" vitrified clay culvert under Broad Street that is conveying a small stream. The inlet end is crushed/blocked by a large tree. According to Sungate, a 54" pipe is needed. The failing and undersized culvert is causing ongoing maintenance issues including major issues for the road and adjacent residential properties. Construction is underway and should be completed by the end of 2020.

### Energy Sustainable Measures

### Oper Bdgt Impacts & Funding (list grants, matching requirements, etc)

It is recommended that the Town pursue FEMA Public Assistance funds, if available. After completion, the project should save on operating expenses, which will likely be less predictable and more storm event response oriented than shown above.

### Town Council Strategic Goals: ("X" all that apply for this project)

- Maintaining the existing infrastructure in order to protect the Town's investments
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## Town of Carrboro, NC Capital Improvement Plan for FY22 thru FY26

Project Title: **Public Works Stream Restoration**  
 Location: **100 Public Works Drive**  
 Project Status: **Existing Project - No Additional Funding Programmed**

Project # **SW81002**  
 Category: **Storm Water**  
 Fund: **80 - Storm Water Fund**

Proj Start Date: **6/1/2019**      Finish Date: **6/30/2021**

	<u>Previous Funding</u>	<u>FY 2022</u>	<u>FY 2023</u>	<u>FY 2024</u>	<u>FY 2025</u>	<u>FY 2026</u>	<u>FY22-FY26 Total</u>	<u>Project Total</u>
<b>Expenses</b>								
Planning/Design	80,000						-	80,000
Construction	265,000						-	265,000
Land/ROW							-	-
Equipment/Furnishings							-	-
<b>Total Expenditures</b>	<b>\$ 345,000</b>	<b>\$ -</b>	<b>\$ 345,000</b>					

<b>Appropriations</b>								
Intergovernmental Funds							-	-
General Fund							-	-
Capital Project Fund							-	-
Storm Water Fund	345,000						-	345,000
GO Bonds							-	-
Installment Financing							-	-
Other							-	-
<b>Total Funding</b>	<b>\$ 345,000</b>	<b>\$ -</b>	<b>\$ 345,000</b>					

<b>Operating Budget Impact</b>								
Personnel							-	-
Operating							-	-
Capital Outlay							-	-
Debt Service							-	-
<b>Total Oper Bdg Impact</b>	<b>\$ -</b>							

### Description and Benefits

The stream that runs between Smith Level Road and Public Works experienced excessive erosion in recent years. This erosion was not only undesirable from an environmental perspective, it also presented an urgent situation given the proximity to the facility's fuel tanks. Damage to these tanks in a storm event would result in very substantial environmental and operational impacts. The project will be completed by the end of 2020, with actual costs about \$100k less than the CIP projected costs. Staff are pursuing reimbursement through FEMA Public Assistance funds. The amount of funding to be received should be known in early 2021.

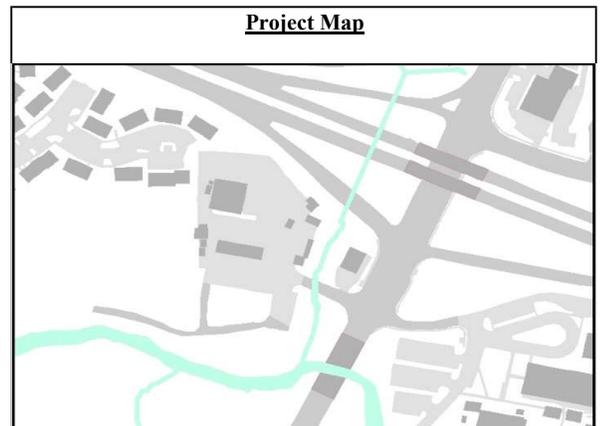
### Energy Sustainable Measures

#### Oper Bdgt Impacts & Funding (list grants, matching requirements, etc)

It is recommended that the Town pursue FEMA Public Assistance funds, if available. In the event that these funds are not available, it is recommended that the scope of funding from the Storm Water Fund (and possibly the scope of the project required to protect the tanks) be limited, given the revenue available to the Storm Water Fund.

#### Town Council Strategic Goals: ("X" all that apply for this project)

- Maintaining the existing infrastructure in order to protect the Town's investments
- Expanding the Town's tax base in a way that will benefit both current and future citizens
- Complying with State and Federal mandates
- Incorporating energy and climate protection strategies
- Providing Town services in the most efficient, safe and quality manner
- Managing and encouraging orderly implementation of Town adopted needs assessments, strategic and program master plans





## Town of Carrboro, NC Capital Improvement Plan for FY22 thru FY26

Project Title: **Green Infrastructure Projects**  
 Location: **Town maintained facilities, properties, and ROWs**  
 Project Status: **Proposed**

Project # **SW-1**  
 Category: **Storm Water**  
 Fund: **80 - Storm Water Fund**

Proj Start Date: <b>7/1/2021</b>	Finish Date: <b>6/30/2026</b>
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	<u>Previous Funding</u>	<u>FY 2022</u>	<u>FY 2023</u>	<u>FY 2024</u>	<u>FY 2025</u>	<u>FY 2026</u>	<u>FY22-FY26 Total</u>	<u>Project Total</u>
<b>Expenses</b>								
Planning/Design		30,000	40,000		50,000		120,000	120,000
Construction		255,000	99,737	100,000	100,000	150,000	704,737	704,737
Land/ROW							-	-
Equipment/Furnishings							-	-
<b>Total Expenditures</b>	\$ -	\$ 285,000	\$ 139,737	\$ 100,000	\$ 150,000	\$ 150,000	\$ 824,737	\$ 824,737

	<u>FY 2022</u>	<u>FY 2023</u>	<u>FY 2024</u>	<u>FY 2025</u>	<u>FY 2026</u>	<u>FY22-FY26 Total</u>	<u>Project Total</u>
<b>Appropriations</b>							
Intergovernmental Funds						-	-
General Fund						-	-
Capital Project Fund						-	-
Storm Water Fund	285,000	139,737	100,000	150,000	150,000	824,737	824,737
GO Bonds						-	-
Installment Financing						-	-
Other						-	-
<b>Total Funding</b>	\$ -	\$ 285,000	\$ 139,737	\$ 100,000	\$ 150,000	\$ 824,737	\$ 824,737

	<u>FY 2022</u>	<u>FY 2023</u>	<u>FY 2024</u>	<u>FY 2025</u>	<u>FY 2026</u>	<u>FY22-FY26 Total</u>	<u>Project Total</u>
<b>Operating Budget Impact</b>							
Personnel						-	-
Operating		500	500	1,000	1,000	3,000	3,000
Capital Outlay						-	-
Debt Service						-	-
<b>Total Oper Bdg Impact</b>	\$ -	\$ -	\$ 500	\$ 500	\$ 1,000	\$ 3,000	\$ 3,000

### Description and Benefits

This project includes multiple green infrastructure installations. Projects planned: rain gardens at Fire Sta #1 and Town Hall and cisterns at Town Hall (\$72,973 - FY23) and Silva Cells at the Century Ctr (\$27,290 - FY23) (to supplement projects PW9 & PW10). If acquisition of 108 Bim Street moves forward (project PW11), funding for stormwater improvements on the property in FY22. Stormwater improvements are also proposed in 2022/2023 in association with the the 203 Project (project 20133). It is recommended that project funds be utilized for all design work and construction to meet the minimum LUO requirements. If funds are insufficient for additional improvements, it is recommended that supplemental Stormwater Enterprise funds be used during construction to go beyond minimum requirements. The goals in doing so are to: provide downstream flood resilience along Old Pittsboro Rd and adjacent properties, and to "lead by example" with resilience and stormwater improvement projects. In FY23-25, it is proposed that green infrastructure projects be pursued in the Dry Gulch and upper Toms Creek watersheds to support Bolin Creek Watershed Restoration efforts and pilot watershed scale green infrastructure for flood resilience.

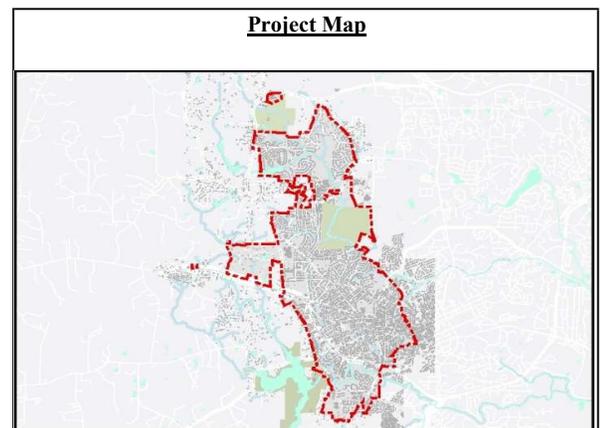
### Energy Sustainable Measures

### Oper Bdg Impacts & Funding (list grants, matching requirements, etc)

This project will require some increased maintenance costs.

### Town Council Strategic Goals: ("X" all that apply for this project)

- Maintaining the existing infrastructure in order to protect the Town's investments
- Expanding the Town's tax base in a way that will benefit both current and future citizens
- Complying with State and Federal mandates
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## Town of Carrboro, NC Capital Improvement Plan for FY22 thru FY26

Project Title: **Grey Infrastructure Projects**  
 Location: **Town maintained right of ways**  
 Project Status: **Proposed**

Project # **SW-2**  
 Category: **Storm Water**  
 Fund: **80 - Storm Water Fund**

Proj Start Date: <b>7/1/2022</b>	Finish Date: <b>6/30/2026</b>
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	<u>Previous Funding</u>	<u>FY 2022</u>	<u>FY 2023</u>	<u>FY 2024</u>	<u>FY 2025</u>	<u>FY 2026</u>	<u>FY22-FY26 Total</u>	<u>Project Total</u>
<b>Expenses</b>								
Planning/Design			100,000		75,000		175,000	175,000
Construction				250,000	250,000	250,000	750,000	750,000
Land/ROW							-	-
Equipment/Furnishings							-	-
<b>Total Expenditures</b>	\$ -	\$ -	\$ 100,000	\$ 250,000	\$ 325,000	\$ 250,000	\$ 925,000	\$ 925,000

	<u>Previous Funding</u>	<u>FY 2022</u>	<u>FY 2023</u>	<u>FY 2024</u>	<u>FY 2025</u>	<u>FY 2026</u>	<u>FY22-FY26 Total</u>	<u>Project Total</u>
<b>Appropriations</b>								
Intergovernmental Funds							-	-
General Fund							-	-
Capital Project Fund							-	-
Storm Water Fund			100,000	250,000	325,000	250,000	925,000	925,000
GO Bonds							-	-
Installment Financing							-	-
Other							-	-
<b>Total Funding</b>	\$ -	\$ -	\$ 100,000	\$ 250,000	\$ 325,000	\$ 250,000	\$ 925,000	\$ 925,000

	<u>Previous Funding</u>	<u>FY 2022</u>	<u>FY 2023</u>	<u>FY 2024</u>	<u>FY 2025</u>	<u>FY 2026</u>	<u>FY22-FY26 Total</u>	<u>Project Total</u>
<b>Operating Budget Impact</b>								
Personnel							-	-
Operating			500	1,000	1,500	1,500	4,500	4,500
Capital Outlay							-	-
Debt Service							-	-
<b>Total Oper Bdg Impact</b>	\$ -	\$ -	\$ 500	\$ 1,000	\$ 1,500	\$ 1,500	\$ 4,500	\$ 4,500

**Description and Benefits**

This project entails the planning/design and construction involved in new grey infrastructure projects for Town maintained property and rights-of-way. The best projects identified to date are culvert replacements for aging culverts and improved conveyance for: a catchment adjacent to West Main Street; along Old Pittsboro Road; and for Keith Street. More planning and design is needed to schedule and determine probable costs for these projects.

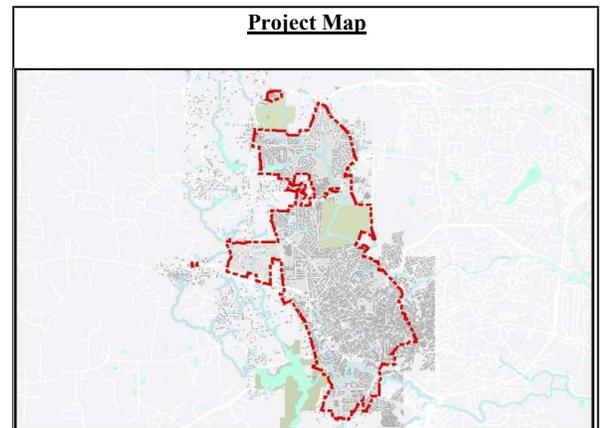
**Energy Sustainable Measures**

**Oper Bdgt Impacts & Funding (list grants, matching requirements, etc)**

This project will require some increased maintenance costs.

**Town Council Strategic Goals: ("X" all that apply for this project)**

- Maintaining the existing infrastructure in order to protect the Town's investments
- Expanding the Town's tax base in a way that will benefit both current and future citizens
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## Town of Carrboro, NC Capital Improvement Plan for FY22 thru FY26

Project Title: **Anderson Park Stormwater Retrofits**  
 Location: **Anderson Park**  
 Project Status: **Proposed**

Project # **SW-3**  
 Category: **Storm Water**  
 Fund: **80 - Storm Water Fund**

Proj Start Date: <b>7/1/2022</b>	Finish Date: <b>6/30/2025</b>
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	<u>Previous Funding</u>	<u>FY 2022</u>	<u>FY 2023</u>	<u>FY 2024</u>	<u>FY 2025</u>	<u>FY 2026</u>	<u>FY22-FY26 Total</u>	<u>Project Total</u>
<b>Expenses</b>								
Planning/Design			65,000				65,000	65,000
Construction				175,000	200,000		375,000	375,000
Land/ROW							-	-
Equipment/Furnishings							-	-
<b>Total Expenditures</b>	\$ -	\$ -	\$ 65,000	\$ 175,000	\$ 200,000	\$ -	\$ 440,000	\$ 440,000

<b>Appropriations</b>								
Intergovernmental Funds							-	-
General Fund							-	-
Capital Project Fund							-	-
Storm Water Fund			65,000	175,000	200,000		440,000	440,000
GO Bonds							-	-
Installment Financing							-	-
Other							-	-
<b>Total Funding</b>	\$ -	\$ -	\$ 65,000	\$ 175,000	\$ 200,000	\$ -	\$ 440,000	\$ 440,000

<b>Operating Budget Impact</b>								
Personnel							-	-
Operating				1,000	1,000	1,000	3,000	3,000
Capital Outlay							-	-
Debt Service							-	-
<b>Total Oper Bdg Impact</b>	\$ -	\$ -	\$ -	\$ 1,000	\$ 1,000	\$ 1,000	\$ 3,000	\$ 3,000

**Description and Benefits**

Sungate has completed concept plans for storm water retrofits that have been identified in the CIP since 2012. These retrofits address requirements of the Town's NPDES permit and also under the Jordan Lake rules. The projects also: are in the water supply watershed, and help protect drinking water; present an excellent opportunity for outreach and education; have demonstrated feasibility and are cost effective in comparison to other retrofits that have been identified over the past 15 years; and provide an opportunity for the Town to "lead by example" and encourage others in the community to pursue similar projects. The project includes bioretention cells and permeable pavement.

**Energy Sustainable Measures**

**Oper Bdg Impacts & Funding (list grants, matching requirements, etc)**

These retrofits will require some increased maintenance costs.

**Town Council Strategic Goals: ("X" all that apply for this project)**

- Maintaining the existing infrastructure in order to protect the Town's investments
- Expanding the Town's tax base in a way that will benefit both current and future citizens
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## Town of Carrboro, NC Capital Improvement Plan for FY22 thru FY26

Project Title: **Morgan Creek Stream Restoration**  
 Location: **Adjacent to Town Land/Greenway Site & Berryhill Neighborhood**  
 Project Status: **Proposed**

Project # **SW-4**  
 Category: **Storm Water**  
 Fund: **80 - Storm Water Fund**

Proj Start Date: <b>7/1/2024</b>	Finish Date: <b>6/30/2027</b>
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	<u>Previous Funding</u>	<u>FY 2022</u>	<u>FY 2023</u>	<u>FY 2024</u>	<u>FY 2025</u>	<u>FY 2026</u>	<u>FY22-FY26 Total</u>	<u>Project Total</u>
<b>Expenses</b>								
Planning/Design					75,000		75,000	75,000
Construction						250,000	250,000	250,000
Land/ROW							-	-
Equipment/Furnishings							-	-
<b>Total Expenditures</b>	\$ -	\$ -	\$ -	\$ -	\$ 75,000	\$ 250,000	\$ 325,000	\$ 325,000

<b>Appropriations</b>								
Intergovernmental Funds							-	-
General Fund							-	-
Capital Project Fund							-	-
Storm Water Fund					75,000	250,000	325,000	325,000
GO Bonds							-	-
Installment Financing							-	-
Other							-	-
<b>Total Funding</b>	\$ -	\$ -	\$ -	\$ -	\$ 75,000	\$ 250,000	\$ 325,000	\$ 325,000

<b>Operating Budget Impact</b>								
Personnel							-	-
Operating							-	-
Capital Outlay							-	-
Debt Service							-	-
<b>Total Oper Bdg Impact</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

**Description and Benefits**

There is a rapidly, and significantly, eroding stream bank on Morgan Creek at the location planned for a future greenway creek crossing. Stabilizing this bank is important for the crossing, protecting adjacent residents' land, and reducing sediment transport.

**Energy Sustainable Measures**

**Oper Bdg Impacts & Funding (list grants, matching requirements, etc)**

This project will require some increased maintenance costs.

**Town Council Strategic Goals: ("X" all that apply for this project)**

- Maintaining the existing infrastructure in order to protect the Town's investments
- Expanding the Town's tax base in a way that will benefit both current and future citizens
- Complying with State and Federal mandates
- Incorporating energy and climate protection strategies
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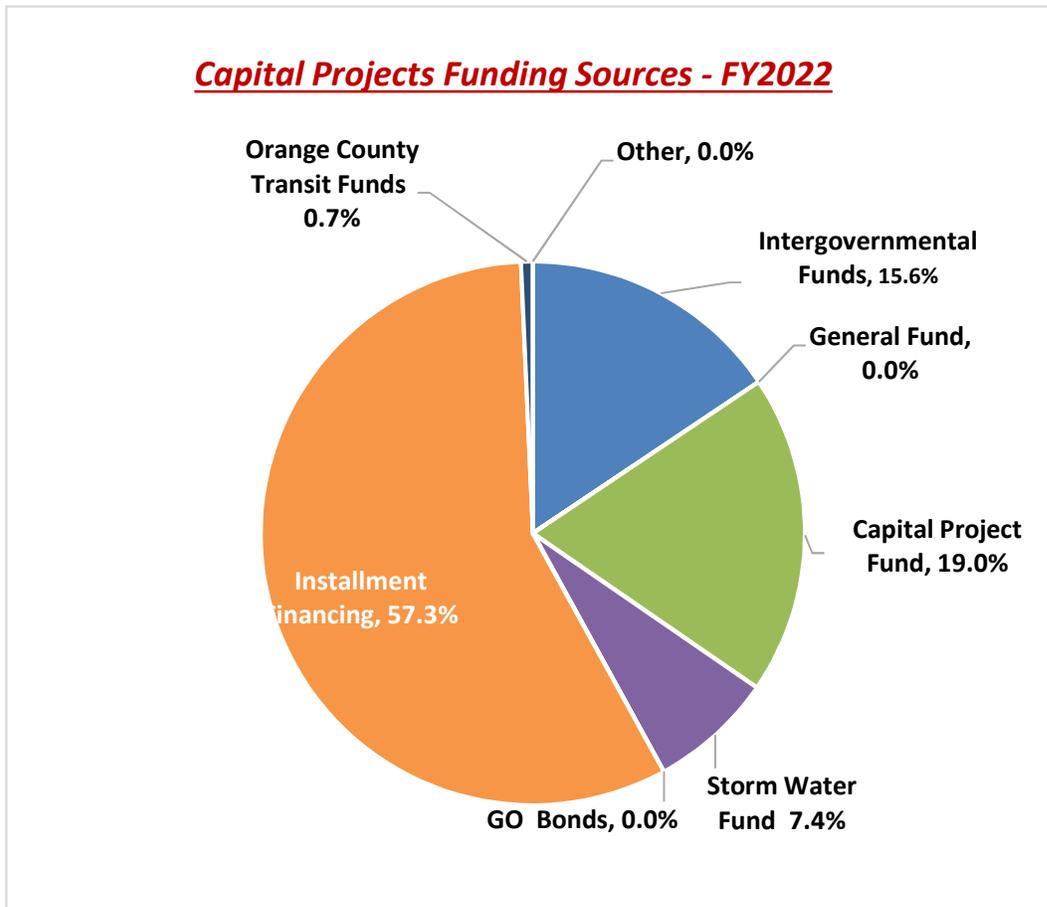


# Town of Carrboro, NC

## Capital Improvement Plan for FY22 thru FY26

**Capital Projects Funding Sources for FY2022**

<u>Funding Source</u>	<u>FY 2022</u>	<u>Funding Source</u>	<u>FY 2022</u>
<i>Intergovernmental Funds</i>	\$ 736,000	<i>GO Bonds</i>	\$ -
<i>General Fund</i>	-	<i>Installment Financing</i>	2,711,850
<i>Capital Project Fund</i>	899,000	<i>Orange County Transit Funds</i>	34,000
<i>Storm Water Fund</i>	350,000	<i>Other</i>	-
<i>Grand Total of both columns</i>			\$ 4,730,850





## Town of Carrboro, NC

### Capital Improvement Plan for FY22 thru FY26

*CIP Summary by Project Status*

<u>Proj #</u>	<u>Category/Project Description</u>	<u>Previous Appropriations</u>	<u>FY 2022</u>	<u>FY 2023</u>	<u>FY 2024</u>	<u>FY 2025</u>	<u>FY 2026</u>	<u>FY22-FY26 Total</u>	<u>Project Total</u>
<b><i>Proposed Projects</i></b>									
GG1	New Equipment Purchases	-	227,000	-	-	-	-	227,000	227,000
IT1	Building Access Control and Camera System	-	-	-	178,000	-	-	178,000	178,000
IT2	Replace Fire Dept Records Mgmt System	-	-	80,000	-	-	-	80,000	80,000
FR1	Replace Fire Engine 931	-	-	625,000	-	-	-	625,000	625,000
FR2	Replace Fire Engine 2	-	-	-	-	-	759,691	759,691	759,691
PL1	Estes Drive Bike-Ped Improvements	-	170,000	-	46,000	-	848,000	1,064,000	1,064,000
PL2	Jones Ferry Road Sidewalk	-	-	89,000	31,000	441,000	-	561,000	561,000
PL3	Barnes Street Sidewalk	-	-	46,000	16,000	230,000	-	292,000	292,000
PL4	NC 54 Side Path	-	-	-	238,000	-	43,000	281,000	281,000
PL5	Downtown Connector	-	-	38,413	176,841	-	-	215,254	215,254
PL6	East Main Street Redesign	-	114,000	-	-	-	-	114,000	114,000
PW1	Wayfinding - Town Signage	-	-	100,000	150,000	150,000	-	400,000	400,000
PW2	Town Hall Renovations	-	-	350,000	350,000	6,100,000	-	6,800,000	6,800,000
PW3	Century Center Renovation	-	100,000	900,000	1,000,000	-	-	2,000,000	2,000,000
PW4	Fire Station 1 Renovation	-	-	1,000,000	1,000,000	-	-	2,000,000	2,000,000
PW5	Public Works Renovation	-	100,000	130,000	6,100,000	-	-	6,330,000	6,330,000
PW6	Park Parking Lot Paving	-	120,000	-	-	-	-	120,000	120,000
PW7	Jones Ferry Road Retaining Wall	-	145,000	-	-	-	-	145,000	145,000
PW8	Westwood Cemetery Development	-	-	150,000	150,000	-	-	300,000	300,000
PW9	Town Hall and Fire Sta 1 Landscaping	-	-	191,973	-	-	-	191,973	191,973
PW10	Century Center Landscaping	-	-	112,290	-	-	-	112,290	112,290
PW11	108 Bim Street Renovations	-	100,000	-	-	-	-	100,000	100,000
RP1	Playground Equip (Ages 5-12) at Hank Anderson Park	-	-	-	125,000	-	-	125,000	125,000
RP2	Playground Equip (Ages 5-12) at Wilson Park	-	-	-	-	125,000	-	125,000	125,000
RP3	Playground Equip (Ages 5-12) at Baldwin Park	-	-	-	-	-	125,000	125,000	125,000
SW-1	Green Infrastructure Projects	-	285,000	139,737	100,000	150,000	150,000	824,737	824,737
SW-2	Grey Infrastructure Projects	-	-	100,000	250,000	325,000	250,000	925,000	925,000
SW-3	Anderson Park Stormwater Retrofits	-	-	65,000	175,000	200,000	-	440,000	440,000
SW-4	Morgan Creek Stream Restoration	-	-	-	-	75,000	250,000	325,000	325,000
<b><i>Sub-total</i></b>		-	<b>1,361,000</b>	<b>4,117,413</b>	<b>10,085,841</b>	<b>7,796,000</b>	<b>2,425,691</b>	<b>25,785,945</b>	<b>25,785,945</b>



## Town of Carrboro, NC

### Capital Improvement Plan for FY22 thru FY26

*CIP Summary by Project Status*

<u>Proj #</u>	<u>Category/Project Description</u>	<u>Previous Appropriations</u>	<u>FY 2022</u>	<u>FY 2023</u>	<u>FY 2024</u>	<u>FY 2025</u>	<u>FY 2026</u>	<u>FY22-FY26 Total</u>	<u>Project Total</u>
<b><i>Existing Project - Additional Funding Programmed</i></b>									
GG20214	Vehicle Replacements	1,089,814	506,000	832,000	688,000	679,000	700,000	3,405,000	4,494,814
GG20133	203 South Greensboro Street	26,432,490	1,878,850	-	-	-	-	1,878,850	28,311,340
IT20202	South Greensboro St. Conduit	95,000	25,000	-	-	-	-	25,000	120,000
PL20206	Comprehensive Plan	250,000	150,000	-	-	-	-	150,000	400,000
PW20207	Unpaved Road Upgrades	230,000	80,000	-	-	-	-	80,000	310,000
PL20212	Ped Safety Imprvmnts & Bike Plan Implementatn	257,000	130,000	350,000	520,000	340,000	340,000	1,680,000	1,937,000
PW33003	Street Resurfacing	195,857	600,000	-	1,200,000	-	1,200,000	3,000,000	3,195,857
<b><i>Sub-total</i></b>		<b>28,550,161</b>	<b>3,369,850</b>	<b>1,182,000</b>	<b>2,408,000</b>	<b>1,019,000</b>	<b>2,240,000</b>	<b>10,218,850</b>	<b>38,769,011</b>
<b><i>Existing Project - No Additional Funding Programmed</i></b>									
PW20204	Bus Shelter Replacement	288,000	-	-	-	-	-	-	288,000
PW20208	Sidewalk and Curb Repairs	190,000	-	-	-	-	-	-	190,000
PW20213	Playground Equipment Repair and Replacement	100,000	-	-	-	-	-	-	100,000
PL55002	Morgan Creek Greenway	1,567,500	-	-	-	-	-	-	1,567,500
PL55015	South Greensboro Street Sidewalk	1,750,119	-	-	-	-	-	-	1,750,119
PL55033	Jones Creek Greenway	850,250	-	-	-	-	-	-	850,250
PW70999	Facilities Rehab Projects	814,769	-	-	-	-	-	-	814,769
SW81001	Broad St. Culvert Replacement	186,000	-	-	-	-	-	-	186,000
SW81002	Public Works Stream Restoration	345,000	-	-	-	-	-	-	345,000
<b><i>Sub-total</i></b>		<b>6,091,638</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>6,091,638</b>
<b><i>Total Projects</i></b>		<b>34,641,799</b>	<b>4,730,850</b>	<b>5,299,413</b>	<b>12,493,841</b>	<b>8,815,000</b>	<b>4,665,691</b>	<b>36,004,795</b>	<b>70,646,594</b>



## Town of Carrboro, NC

### Capital Improvement Plan for FY22 thru FY26

*CIP Summary by Fund*

<u>Proj #</u>	<u>Fund/Project Description</u>	<u>Previous Appropriations</u>	<u>FY 2022</u>	<u>FY 2023</u>	<u>FY 2024</u>	<u>FY 2025</u>	<u>FY 2026</u>	<u>FY22-FY26 Total</u>	<u>Project Total</u>
<b><i>Bond Fund</i></b>									
PW20208	Sidewalk and Curb Repairs	190,000	-	-	-	-	-	-	190,000
PL55002	Morgan Creek Greenway	1,567,500	-	-	-	-	-	-	1,567,500
PL55015	South Greensboro Street Sidewalk	1,750,119	-	-	-	-	-	-	1,750,119
PL55033	Jones Creek Greenway	850,250	-	-	-	-	-	-	850,250
<b><i>Bond Fund Total</i></b>		<b>4,357,869</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>4,357,869</b>
<b><i>Capital Fund</i></b>									
GG20133	203 South Greensboro Street	26,432,490	1,878,850	-	-	-	-	1,878,850	28,311,340
GG20214	Vehicle Replacements	1,089,814	506,000	832,000	688,000	679,000	700,000	3,405,000	4,494,814
GG1	New Equipment Purchases	-	227,000	-	-	-	-	227,000	227,000
FR1	Replace Fire Engine 931	-	-	625,000	-	-	-	625,000	625,000
FR2	Replace Fire Engine 2	-	-	-	-	-	759,691	759,691	759,691
IT20202	South Greensboro St. Conduit	95,000	25,000	-	-	-	-	25,000	120,000
IT1	Building Access Control and Camera System	-	-	-	178,000	-	-	178,000	178,000
IT2	Replace Fire Dept Records Mgmt System	-	-	80,000	-	-	-	80,000	80,000
PL20206	Comprehensive Plan	250,000	150,000	-	-	-	-	150,000	400,000
PL20212	Ped Safety Imprvmnts & Bike Plan Implementatn	257,000	130,000	350,000	520,000	340,000	340,000	1,680,000	1,937,000
PL1	Estes Drive Bike-Ped Improvements	-	170,000	-	46,000	-	848,000	1,064,000	1,064,000
PL2	Jones Ferry Road Sidewalk	-	-	89,000	31,000	441,000	-	561,000	561,000
PL3	Barnes Street Sidewalk	-	-	46,000	16,000	230,000	-	292,000	292,000
PL4	NC 54 Side Path	-	-	-	238,000	-	43,000	281,000	281,000
PL5	Downtown Connector	-	-	38,413	176,841	-	-	215,254	215,254
PL6	East Main Street Redesign	-	114,000	-	-	-	-	114,000	114,000
PW20204	Bus Shelter Replacement	288,000	-	-	-	-	-	-	288,000
PW20207	Unpaved Road Upgrades	230,000	80,000	-	-	-	-	80,000	310,000
PW20213	Playground Equipment Repair and Replacement	100,000	-	-	-	-	-	-	100,000
PW33003	Street Resurfacing	195,857	600,000	-	1,200,000	-	1,200,000	3,000,000	3,195,857
PW70999	Facilities Rehab Projects	814,769	-	-	-	-	-	-	814,769
PW1	Wayfinding - Town Signage	-	-	100,000	150,000	150,000	-	400,000	400,000
PW2	Town Hall Renovations	-	-	350,000	350,000	6,100,000	-	6,800,000	6,800,000
PW3	Century Center Renovation	-	100,000	900,000	1,000,000	-	-	2,000,000	2,000,000
PW4	Fire Station 1 Renovation	-	-	1,000,000	1,000,000	-	-	2,000,000	2,000,000
PW5	Public Works Renovation	-	100,000	130,000	6,100,000	-	-	6,330,000	6,330,000
PW6	Park Parking Lot Paving	-	120,000	-	-	-	-	120,000	120,000



## Town of Carrboro, NC

### Capital Improvement Plan for FY22 thru FY26

*CIP Summary by Fund*

<u>Proj #</u>	<u>Fund/Project Description</u>	<u>Previous Appropriations</u>	<u>FY 2022</u>	<u>FY 2023</u>	<u>FY 2024</u>	<u>FY 2025</u>	<u>FY 2026</u>	<u>FY22-FY26 Total</u>	<u>Project Total</u>	
PW7	Jones Ferry Road Retaining Wall	-	145,000	-	-	-	-	145,000	145,000	
PW8	Westwood Cemetery Development	-	-	150,000	150,000	-	-	300,000	300,000	
PW9	Town Hall and Fire Sta 1 Landscaping	-	-	191,973	-	-	-	191,973	191,973	
PW10	Century Center Landscaping	-	-	112,290	-	-	-	112,290	112,290	
PW11	108 Bim Street Renovations	-	100,000	-	-	-	-	100,000	100,000	
RP1	Playground Equip (Ages 5-12) at Hank Anderson Park	-	-	-	125,000	-	-	125,000	125,000	
RP2	Playground Equip (Ages 5-12) at Wilson Park	-	-	-	-	125,000	-	125,000	125,000	
RP3	Playground Equip (Ages 5-12) at Baldwin Park	-	-	-	-	-	125,000	125,000	125,000	
<b>Capital Fund Total</b>			<b>29,752,930</b>	<b>4,445,850</b>	<b>4,994,676</b>	<b>11,968,841</b>	<b>8,065,000</b>	<b>4,015,691</b>	<b>33,490,058</b>	<b>63,242,988</b>
<b>Storm Water Fund</b>										
SW81001	Broad St. Culvert Replacement	186,000	-	-	-	-	-	-	186,000	
SW81002	Public Works Stream Restoration	345,000	-	-	-	-	-	-	345,000	
SW-1	Green Infrastructure Projects	-	285,000	139,737	100,000	150,000	150,000	824,737	824,737	
SW-2	Grey Infrastructure Projects	-	-	100,000	250,000	325,000	250,000	925,000	925,000	
SW-3	Anderson Park Stormwater Retrofits	-	-	65,000	175,000	200,000	-	440,000	440,000	
SW-4	Morgan Creek Stream Restoration	-	-	-	-	75,000	250,000	325,000	325,000	
<b>Storm Water Fund Total</b>			<b>531,000</b>	<b>285,000</b>	<b>304,737</b>	<b>525,000</b>	<b>750,000</b>	<b>650,000</b>	<b>2,514,737</b>	<b>3,045,737</b>
<b>Total Projects</b>			<b>34,641,799</b>	<b>4,730,850</b>	<b>5,299,413</b>	<b>12,493,841</b>	<b>8,815,000</b>	<b>4,665,691</b>	<b>36,004,795</b>	<b>70,646,594</b>