

**TOWN OF CARRBORO, NORTH CAROLINA  
CAPITAL IMPROVEMENTS PLAN  
FY 2021 THROUGH FY 2025**

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**TOWN MANAGER**

David L. Andrews, ICMA-CM

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Annette Stone, Economic & Community Development Director  
Andy Vogel, Information Technology Director

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**Message from the Manager**  
**Capital Improvements Plan**  
***FY 2021 through FY 2025***

February 11, 2020

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 2025 totals \$58.9 million and includes \$26.9 million for projects that are currently underway and \$32.0 million for new projects. In 2021 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 \$15.7 million, The County is expected to contribute \$6.6 million and the Town anticipates financing its \$9.0 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 \$10.7 million for renovation of Town Hall, Century Center and Fire Station #1. In 2021, funds are identified primarily for improvements for the comprehensive plan update, pedestrian 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 \$1.67 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 2020-21 through FY 2024-25 is estimated at \$58.9 million, \$11.4 million, more than last year. Current projects total \$26.9 million or 46% of the total. Roughly 57% of the total is for Public Works and Planning projects representing \$33.9 million of total costs.

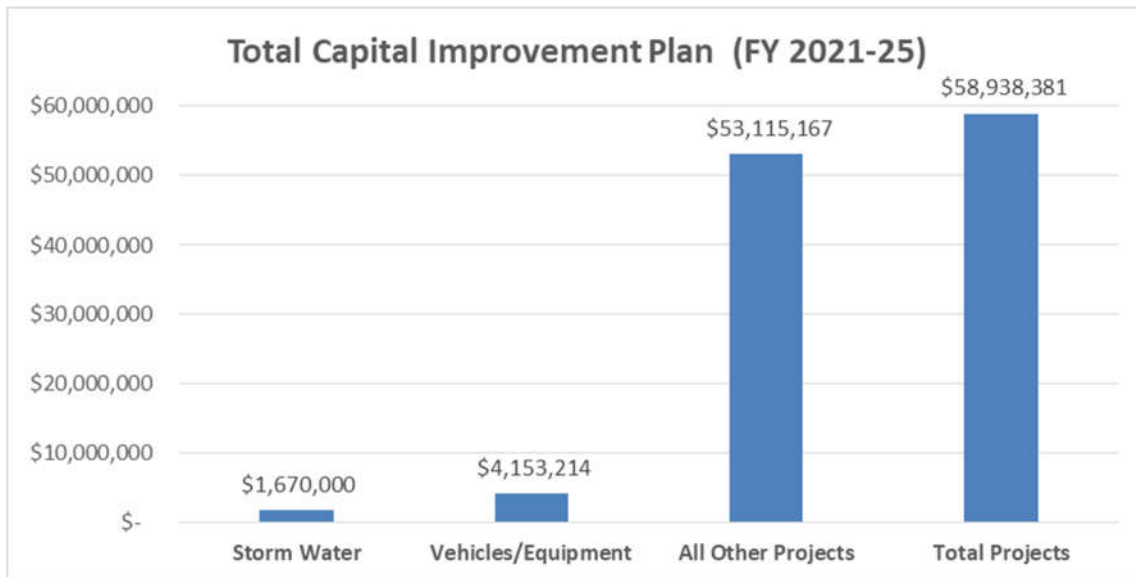
### Capital Projects by Category

	<b>Total Project Costs</b>	<b>% of Total</b>
General Government	\$ 15,699,895	26.7%
Vehicles/Equipment	\$ 4,153,214	7.0%
Information Technology	\$ 428,000	0.7%
Public Safety	\$ 314,924	0.5%
Planning and Zoning	\$ 10,286,494	17.5%
Public Works	\$ 23,624,658	40.1%
Recreation and Parks	\$ 2,761,196	4.7%
Storm Water	\$ 1,670,000	2.8%
<b>Total Projects</b>	<b>\$ 58,938,381</b>	<b>100.0%</b>

The chart below shows the estimated cash needs by year.

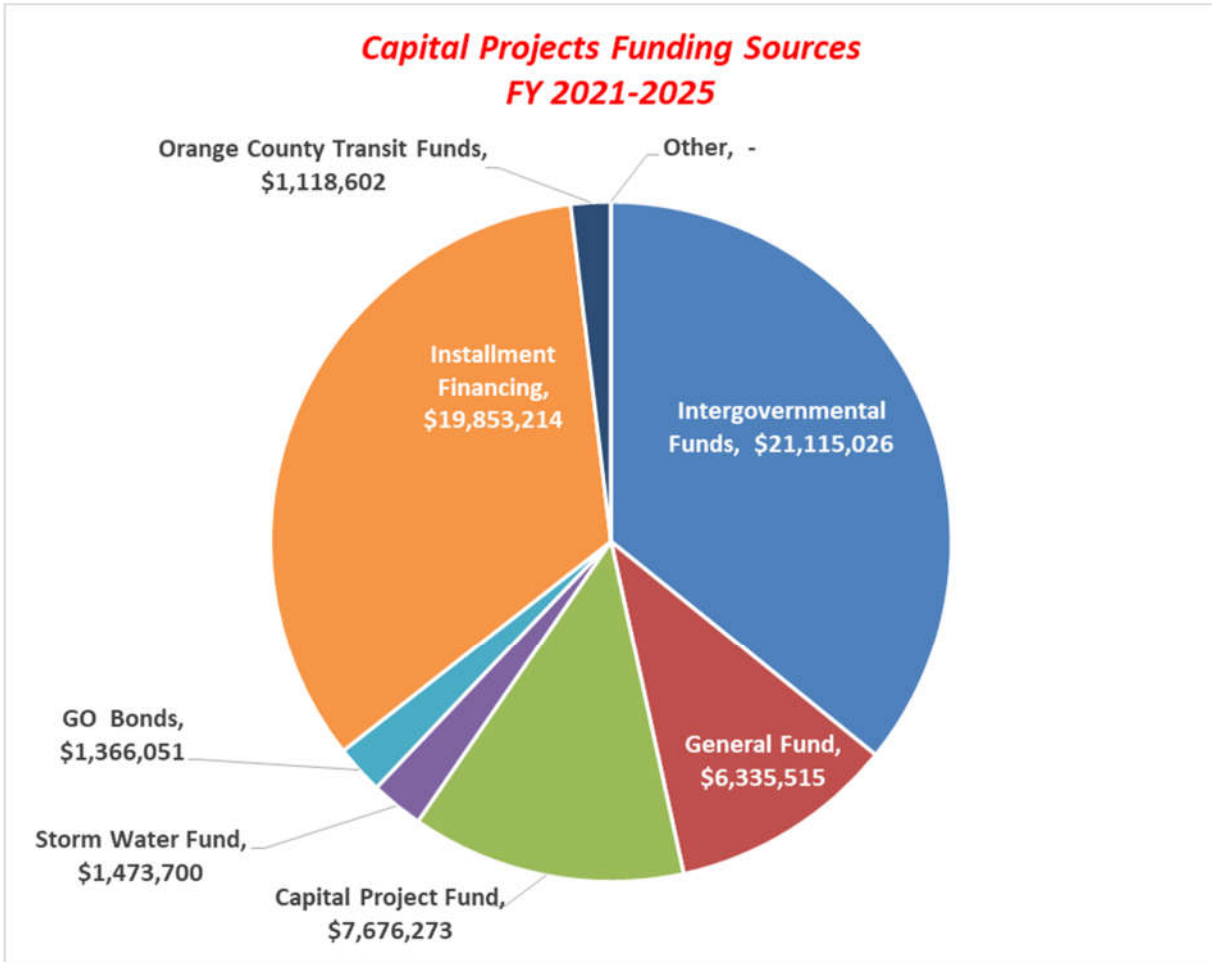
	<b>Previous Appropriations</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY21-FY25 Total</b>	<b>Project Total</b>
General Government	16,789,709	921,000	476,500	639,400	501,500	525,000	3,063,400	19,853,109
Information Technology	250,000	178,000	-	-	-	-	178,000	428,000
Public Safety	314,924	-	-	-	-	-	-	314,924
Planning and Zoning	3,937,619	1,288,512	834,363	1,125,000	1,137,000	1,964,000	6,348,875	10,286,494
Public Works	2,794,658	1,200,000	1,850,000	3,130,000	8,050,000	6,600,000	20,830,000	23,624,658
Recreation and Parks	2,761,196	-	-	-	-	-	-	2,761,196
Storm Water	100,000	425,000	100,000	390,000	215,000	440,000	1,570,000	1,670,000
<b>Total Projects</b>	<b>26,948,106</b>	<b>4,012,512</b>	<b>3,260,863</b>	<b>5,284,400</b>	<b>9,903,500</b>	<b>9,529,000</b>	<b>31,990,275</b>	<b>58,938,381</b>

Storm water projects total \$1.7 million, vehicles and equipment total \$4.2 million and \$53.0 million are related to non-storm water projects.



### **Funding Sources**

Below are the proposed sources of funding for the \$58.9 million CIP for FY 2020-21 through FY 2024-25.

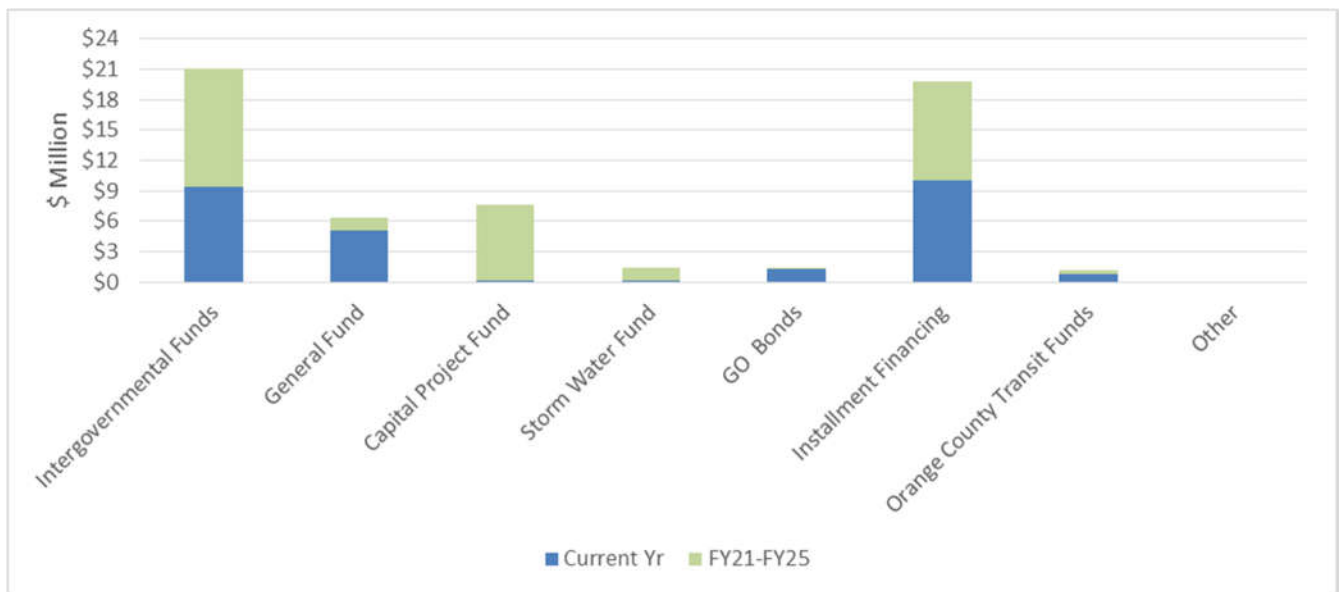


<u>Funding Source</u>	<u>Totals</u>	<u>%</u>
Intergovernmental Funds	\$ 21,115,026	35.9%
General Fund	\$ 6,335,515	10.7%
Capital Project Fund	\$ 7,676,273	13.0%
Storm Water Fund	\$ 1,473,700	2.5%
GO Bonds	\$ 1,366,051	2.3%
Installment Financing	\$ 19,853,214	33.7%
Orange County Transit Funds	\$ 1,118,602	1.9%
Other	-	0.0%
<b>Total Funding</b>	<b>\$ 58,938,381</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 2024-25 comprise 33.7% of all capital funding sources compared to 37.6% last year.

The projects supported by General Obligation bonds issued in 2013 are nearing completion. The remaining projects (e.g., sidewalks, greenways, etc.) currently comprise 10.0% 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 will comprise 10.7% 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 2021-FY25.



Undertaking the proposed capital projects through FY 2024-25 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 2024-25 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 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 needs per year.

### Summary of Capital Improvements Plan FY 2020-21 through FY 2024-25

		Previous						FY21-FY25	Project
		Appropriations	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total	Total
<b>Expenses</b>									
	Planning/Design	2,801,635	740,262	748,000	1,443,200	559,520	146,240	3,637,222	6,438,857
	Construction	21,995,253	1,773,250	1,943,000	3,149,800	8,732,480	8,857,760	24,456,290	46,451,543
	Land/ROW	746,480	400,000	93,363	52,000	10,000	-	555,363	1,301,843
	Equipment/Furnishings	1,404,738	1,099,000	476,500	639,400	601,500	525,000	3,341,400	4,746,138
<b>Total Expenditures</b>		\$ 26,948,106	\$4,012,512	\$3,260,863	\$5,284,400	\$ 9,903,500	\$ 9,529,000	\$31,990,275	\$58,938,381
<b>Appropriations</b>									
	Intergovernmental Funds	9,385,726	1,226,500	785,200	1,296,000	7,071,200	1,350,400	11,729,300	21,115,026
	General Fund	5,135,515	400,000	200,000	200,000	200,000	200,000	1,200,000	6,335,515
	Capital Project Fund	143,823	1,071,050	1,642,600	2,239,400	1,565,800	1,013,600	7,532,450	7,676,273
	Storm Water Fund	100,000	228,700	100,000	390,000	215,000	440,000	1,373,700	1,473,700
	GO Bonds	1,341,051	25,000	-	-	-	-	25,000	1,366,051
	Installment Financing	10,089,814	921,000	476,500	989,400	851,500	6,525,000	9,763,400	19,853,214
	Other *	752,177	140,262	56,563	169,600	-	-	366,425	1,118,602
<b>Total Funding</b>		\$ 26,948,106	\$4,012,512	\$3,260,863	\$5,284,400	\$ 9,903,500	\$ 9,529,000	\$31,990,275	\$58,938,381
* Includes Orange Cnty Transit Fnds of:									
		752,177	140,262	56,563	169,600			366,425	1,118,602

### CURRENT PROJECTS

The Town Council has appropriated \$26.9 million for nineteen (19) 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
Rogers Road Conduit	\$ 155,000

#### Public Safety Projects

Self-Contained Breathing Apparatus Re	\$ 314,924
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#### Sidewalks & Greenways Projects

Jones Creek Greenway	\$ 420,000
Morgan Creek Greenway	\$ 1,567,500
Rogers Road Sidewalk	\$ 1,471,658
South Greensboro Street Sidewalk	\$ 1,750,119

#### Planning Projects

Comprehensive Plan	\$ 200,000
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#### Recreation and Parks

MLK Jr. Park Construction Design	\$ 2,761,196
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#### Public Works Projects

Vehicle Replacements	\$ 1,089,814
Town Hall Renovations (Replace Roof)	\$ 100,000
Street Resurfacing	\$ 550,000
Bus Shelter Replacement	\$ 288,000
Unpaved Road Upgrades	\$ 230,000
Sidewalk Repairs	\$ 115,000
LED Streetlights	\$ 40,000

#### Storm Water Projects

Broad St. Culvert Replacement	\$ 20,000
Public Works Stream Restoration	\$ 80,000

#### Other Projects

203 South Greensboro Street	\$ 15,699,895
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#### Grand Total (both columns)

\$ 26,948,106



Several projects are expected to be completed in FY 2019-20 and no additional funding above current appropriation is anticipated:

- Self-contained Breathing Apparatus Replacements
- LED Street Lights
- Rogers Road Sidewalk
- Martin Luther King, Jr. Park

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 \$550,000 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. The project to replace street lights with LED lights is nearly complete with Duke Energy. The estimated cost of implement LED lights throughout the Town is expected to cost less than \$40,000.

### NEW PROJECT REQUESTS

Between FY 2020-21 and FY 2024-25 it is estimated that the Town will need an additional \$32 million for street re-surfacing, vehicle and equipment replacement, storm water, and proposed new projects.

<b><u>PROJECT COSTS</u></b>	<b><u>Previous Appropriations</u></b>	<b><u>FY 2021- 25 Request</u></b>	<b><u>Total Project Costs</u></b>
Current Projects	\$ 25,508,292	\$ 13,287,650	\$ 38,795,942
New Projects		\$ 13,891,225	\$ 13,891,225
Vehicles/Equipment	\$ 1,089,814	\$ 3,063,400	\$ 4,153,214
Technology Projects	\$ 250,000	\$ 178,000	\$ 428,000
Storm Water Projects	\$ 100,000	\$ 1,570,000	\$ 1,670,000
<b>TOTAL ALL PROJECTS</b>	<b>\$ 26,948,106</b>	<b>\$ 31,990,275</b>	<b>\$ 58,938,381</b>

See Appendix C for a description of new CIP projects and financing needs through FY 2024-25.

### **Storm Water Utilities**

In the past, we have used “Storm Water Management” to show retrofits required of the Town to address the Jordan Lake Rules and other regulatory requirements. As of July 1, 2017, the Town has established a Storm Water Utility Enterprise Fund (SWUEF) to manage regulatory requirement, as well as flooding mitigation. In FY 2018-19, the Town established a fee schedule for storm water charges to be paid by property owners. The 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 \$1.67 million. Below is list of storm water projects to be undertaken over the next five years.

Broad St. Culvert Replacement	\$ 170,000
Public Works Stream Restoration	\$ 355,000
Green Infrastructure Project(s) TBD	\$ 190,000
Grey Infrastructure Project(s) TBD	\$ 535,000
Anderson Park Storm Water Retrofits	\$ 370,000
Morgan Creek Stream Restoration	\$ 50,000
<b>Total Storm Water Projects</b>	<b>\$1,670,000</b>

### **Vehicles and Equipment**

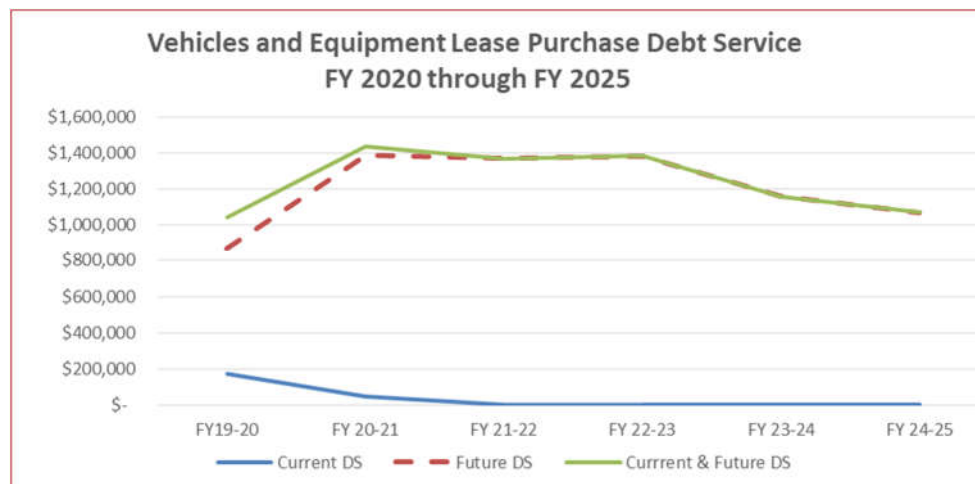
The cost for replacement of Vehicles and Equipment over the next five years total \$3.0 million compared to \$2.8 million in last year's CIP. The increase can be attributed to an aging fleet and increased costs for replacement equipment. Below is the projected schedule for vehicle and equipment replacements over the next five years.

<u>FY 2021</u>	<u>FY 2022</u>	<u>FY 2023</u>	<u>FY 2024</u>	<u>FY 2025</u>	<u>Total</u>
\$ 921,000	\$ 476,500	\$ 639,400	\$ 501,500	\$ 525,000	3,063,400

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 chart showing the outstanding debt as it relates to vehicles and equipment for the current year and the estimate for the next five years, based on the proposed CIP.

	<u>FY19-20</u>	<u>FY 20-21</u>	<u>FY 21-22</u>	<u>FY 22-23</u>	<u>FY 23-24</u>	<u>FY 24-25</u>
<b>Current DS</b>	\$ 170,976	\$ 49,329	\$ -	\$ -	\$ -	\$ -
<b>Future DS</b>	\$ 871,851	\$ 1,390,688	\$ 1,369,725	\$ 1,383,782	\$ 1,159,640	\$ 1,071,960
<b>Current &amp; Future DS</b>	\$ 1,042,827	\$ 1,440,017	\$ 1,369,725	\$ 1,383,782	\$ 1,159,640	\$ 1,071,960



### **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.

	<b><u>Federal/State</u></b>	<b><u>Local Match</u></b>	
	<b><u>Amount</u></b>	<b><u>Amount</u></b>	<b><u>Total Cost</u></b>
Barnes Street Sidewalk	\$ 233,600	\$ 58,400	\$ 292,000
Este Drive Bike-Ped Improvements	\$ 851,200	\$ 366,425	\$ 1,217,625
Jones Creek Greenway	\$ 680,200	\$ 170,050	\$ 850,250
Jones Ferry Road Sidewalk	\$ 448,800	\$ 112,200	\$ 561,000
NC 54 Side Path	\$ 1,175,200	\$ 293,800	\$ 1,469,000
Morgan Creek Greenway	\$ 1,354,000	\$ 338,500	\$ 1,692,500
S. Greensboro Street Sidewalk	\$ 1,154,626	\$ 595,493	\$ 1,750,119
<b>Total Project Cost</b>	<b>\$ 5,897,626</b>	<b>\$ 1,934,868</b>	<b>\$ 7,832,494</b>
<b>% of Total</b>	<b>75.3%</b>	<b>24.7%</b>	<b>100.0%</b>

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, 2019 the Town's governmental funds had combined ending fund balances of \$21.6 million. Approximately 52% or \$11.2 million of this total amount is available for spending at the government's discretion. The unassigned fund balance for the General Fund was \$11.2 million or 51.8% of total General Fund expenditures of \$21.6 million.

The Town's assets and deferred outflows of resources exceeded its liabilities and deferred inflows of resources by \$30.2 million (net position) at June 30, 2019. Several factors of the Town's financial operations influenced the net position:

- Property tax revenues increased by \$300K from \$12.9 million in 2018 to \$13.2 million in 2019;
- Local options sales tax revenues increased by 7.1% over the prior year;
- Other tax revenues, primarily from motor vehicle license taxes, remained stable at \$1.6 million; and,
- Restricted intergovernmental revenues increased by \$2.2 million, primarily due to the receipt of various capital grants.

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.

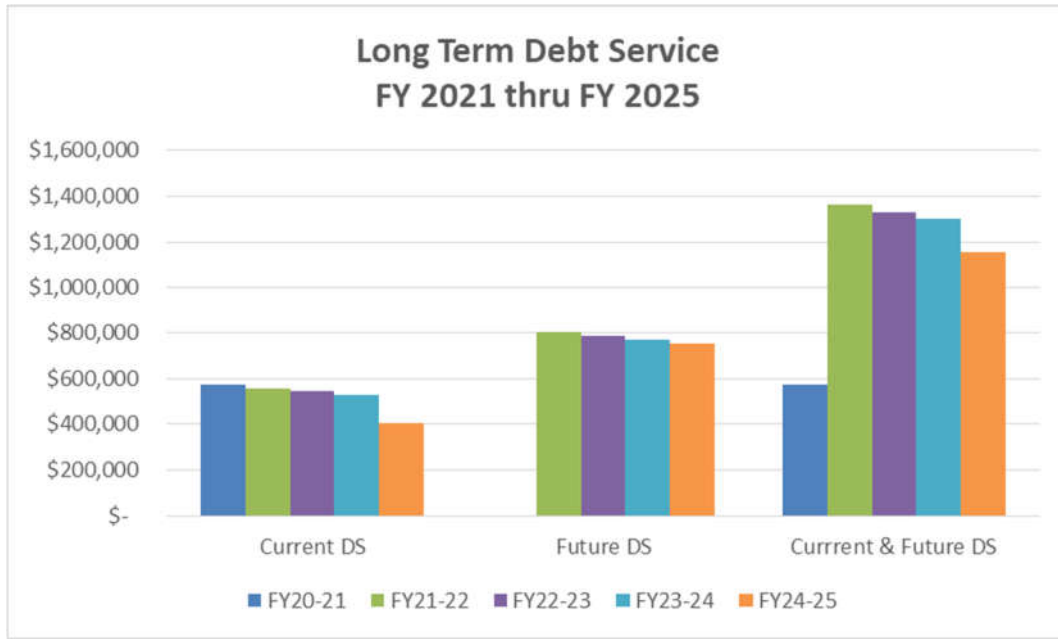
The Town's current debt portfolio consist of general obligation bonds for construction of sidewalks and greenways; installment financing for fire station #2, and vehicle and equipment lease purchases. The charts on the next page show the amount of debt service each year that will be required to implement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

### Current and Future Debt Service Payments

	FY19-20	FY20-21	FY21-22	FY22-23	FY23-24	FY 24-25	TOTAL FY 2020- 2025
Current L-T	\$ 711,196	\$ 697,378	\$ 608,561	\$ 544,008	\$ 530,190	\$ 407,413	\$ 3,498,745
Future L-T	\$ -	\$ -	\$ 805,500	\$ 787,500	\$ 769,500	\$ 751,500	\$ 3,114,000
<b>Current &amp; Future</b>	<b>\$ 711,196</b>	<b>\$ 697,378</b>	<b>\$ 1,414,061</b>	<b>\$ 1,331,508</b>	<b>\$ 1,299,690</b>	<b>\$ 1,158,913</b>	<b>\$ 6,612,745</b>
Future Vehicle/Equipment	\$ 217,963	\$ 428,319	\$ 539,184	\$ 666,435	\$ 767,156	\$ 647,469	\$ 3,266,526
<b>ALL DEBT</b>	<b>\$ 929,159</b>	<b>\$ 1,125,697</b>	<b>\$ 1,953,245</b>	<b>\$ 1,997,943</b>	<b>\$ 2,066,846</b>	<b>\$ 1,806,382</b>	<b>\$ 9,879,271</b>

Future debt service includes financing the 203 Project in FY 2021 for \$9.0 million dollars. The Town anticipates borrowing \$9.0 million and the County contributing \$6.6 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 \$15.6 million and the County is expected to contribute \$6.6 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 \$6.7 million financing expected to start in FY 2025 for renovation of Town Hall.



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.

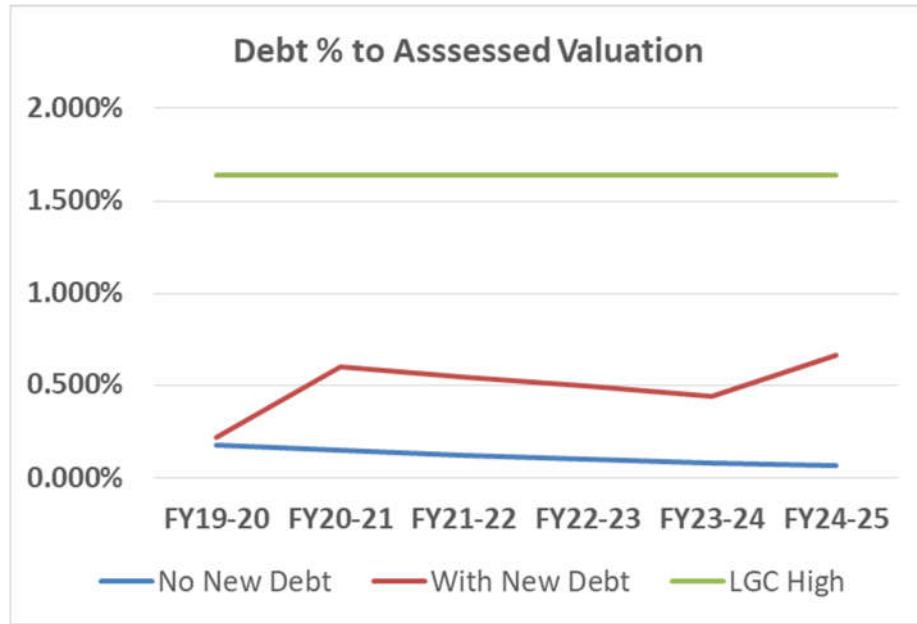
The LGC calculates the debt to assessed valuation and per capita ratio for each jurisdiction and classifies the ratio as being low, average, or high. The below chart shows the LGC's outstanding principal debt to assessed valuation and per capita ratios for municipalities at June 30, 2018 with population 10,000 – 24,999. As the last column shows, Carrboro's ratios fall below the average in both categories.

	Low	Average	High	Carrboro
Appraised Property Valuation (%)	0.006%	0.256%	1.641%	0.197%
Per Capita (\$)	\$ 0	\$ 256	\$ 1,371	\$ 227

### **Debt to Assessed Valuation**

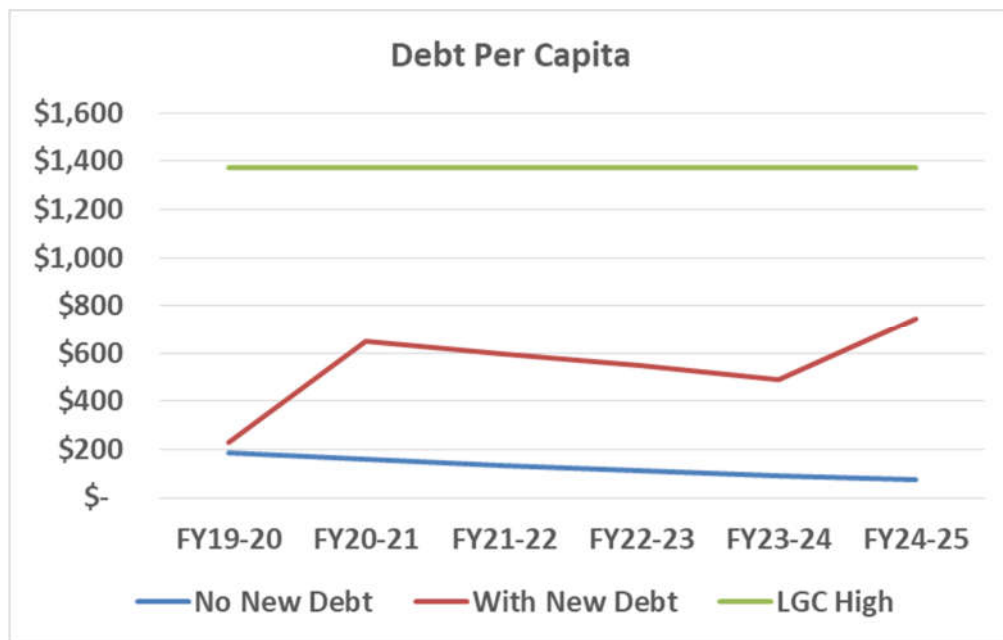
The Town's debt to assessed valuation ratio as of June 30, 2018, as calculated by the LGC, was .197% which is below the average for municipalities of similar size. Without additional debt, this ratio is projected to gradually decrease to .064% by FY 2025.

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 .661% in FY 2025, which is above the LGC average, but less than the high level, for municipalities of similar size.



### **Debt Service Per Capita**

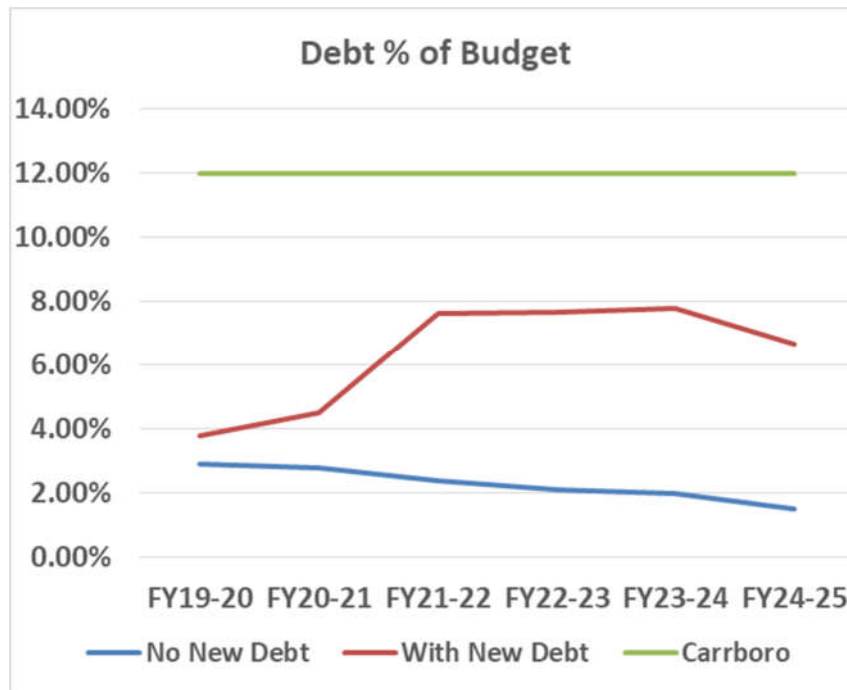
The Town's debt per capita as calculated by the LGC at June 30, 2018 was \$227. This is less than the average of \$256 for similar size municipalities. If all of the proposed projects needing financing were undertaken by the Town, debt service per capital would increase to \$747 by FY 2025.



## **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 1% by FY 2025. Again, 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 11.24% in FY 2023, which would almost equal the Town's established goal of 12%. In FY 2024 this ratio would begin to decrease.



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% of 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:

<u>Factor</u>	<u>Point(s)</u>
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: \_\_\_\_\_

Appendix B - Vehicle Replacement Schedule FY21-FY25

2021 Vehicle CIP Vehicle Requests							
Division	Vehicle	Pts	%	Age	Make	Model	Replacement Price
Fire	986	9	70%	13	Ford	Expedition	45,000
Fire	988	8	1%	10	Ford	Expedition	45,000
Police	236	12	100%	10	Chevrolet	Impala	56,000
Police	240	10	90%	9	Chevrolet	Impala	56,000
Police	257	10	90%	7	Chevrolet	Impala	56,000
Police	265	10	90%	4	Chevrolet	Caprice	56,000
Police	258	9	70%	7	Chevrolet	Impala	56,000
Police	237	8	70%	10	Chevrolet	Impala	56,000
PW	041	15	100%	14	Ford	F-350	32,000
PW	508	15	90%	13	Ford	F-550 Bucket Trk	150,000
PW	030	12	77%	16	Ford	F-250	32,000
PW	505	10	100%	9	Ford	F-450	50,000
<b>Total</b>							<b>\$690,000</b>

2022 Vehicle CIP Vehicle Requests							
Division	Vehicle	Pts	%	Age	Make	Model	Replacement Price
IT	012	10	60%	14	Dodge	Caravan	30,000
P&R	700	13	90%	13	Ford	Ranger	30,000
P&R	016	12	50%	19	Ford	F-150	35,000
Planning	134	10	80%	15	Ford	F-150	35,000
Police	248	8	90%	8	Chevrolet	Impala	57,000
Police	251	8	100%	7	Chevrolet	Impala	57,000
Police	252	8	130%	7	Chevrolet	Impala	57,000
PW	017	11	90%	14	Ford	F-450	65,500
PW	031	11	50%	16	Chevrolet	Dump Truck	80,000
PW	600	10	90%	13	Ford	Ranger	30,000
<b>Total</b>							<b>\$476,500</b>

2023 Vehicle CIP Vehicle Requests							
Division	Vehicle	Pts	%	Age	Make	Model	Replacement Price
Planning	709	9	70%	10	Ford	Ranger	31,000
Police	245	7	80%	8	Chevrolet	Impala	59,000
Police	246	7	70%	8	Chevrolet	Impala	59,000
Police	247	7	70%	8	Chevrolet	Impala	59,000
Police	253	7	70%	7	Chevrolet	Impala	59,000
Police	256	7	70%	7	Chevrolet	Impala	59,000
PW	033	9	50%	14	International	Dump Truck	100,000
PW	220	9	50%	14	Honda	Civic	30,000
PW	602	9	80%	13	Ford	F-350	40,000
PW	702	9	40%	14	Honda	Civic	30,000

2023 Vehicle CIP Vehicle Requests (continued)							
Division	Vehicle	Pts	%	Age	Make	Model	Replacement Price
PW	705	9	90%	12	Ford	Ranger	31,000
PW	503	8	100%	10	Ford	F-450	51,400
PW	504	8	70%	9	Ford	Ranger	31,000
Total							\$639,400

2024 Vehicle CIP Vehicle Requests							
Division	Vehicle	Pts	%	Age	Make	Model	Replacement Price
Police	261	6	30%	5	Chevrolet	Caprice	59,000
Police	275	6	50%	3	Chevrolet	Caprice	59,000
PW	804	8	60%	10	Autocar	ACX	383,500
Total							\$501,500

2025 Vehicle CIP Vehicle Requests							
Division	Vehicle	Pts	%	Age	Make	Model	Replacement Price
P&R	701	7	30%	14	Ford	Van	60,000
Planning	708	7	80%	10	Ford	Ranger	32,500
PW	605	8	60%	12	Ford	F-550	60,000
PW	805	8	60%	9	Freightliner	M2	200,000
PW	502	7	60%	12	Freightliner	Dump Truck	100,000
PW	706	7	70%	12	Ford	Ranger	32,500
PW	803	7	80%	10	Ford	F-250	40,000
Total							\$525,000

<b>Grand Total</b>	<b>\$2,832,400</b>
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## Town of Carrboro, NC

### Capital Improvement Plan for FY21 thru FY25

<u>Proj #</u>	<u>Category/Project Description</u>	<u>Previous Appropriations</u>	<u>FY 2021</u>	<u>FY 2022</u>	<u>FY 2023</u>	<u>FY 2024</u>	<u>FY 2025</u>	<u>FY21-FY25 Total</u>	<u>Project Total</u>
<b><u>Proposed Projects</u></b>									
NewEq	New Equipment Purchases	-	231,000	-	-	-	-	231,000	231,000
IT1	Building Access Control and Camera System	-	178,000	-	-	-	-	178,000	178,000
PL1	Estes Drive Bike-Ped Improvements	-	276,262	93,363	848,000	-	-	1,217,625	1,217,625
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	1,188,000	1,469,000	1,469,000
PL5	Ped Safety Imprvmnts & Bike Plan Implementatn	-	257,000	368,000	230,000	423,000	776,000	2,054,000	2,054,000
PW1	Wayfinder - Town Signage	-	100,000	150,000	150,000	-	-	400,000	400,000
PW2	Playground Equipment Repair and Replacement	-	100,000	-	-	-	-	100,000	100,000
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/Relocation	-	400,000	-	130,000	6,100,000	-	6,630,000	6,630,000
SW-1	Green Infrastructure Project(s) TBD	-	-	50,000	140,000	-	-	190,000	190,000
SW-2	Grey Infrastructure Project(s) TBD	-	-	50,000	190,000	65,000	230,000	535,000	535,000
SW-3	Anderson Park Storm Water Retrofits	-	-	-	60,000	150,000	160,000	370,000	370,000
SW-4	Morgan Creek Stream Restoration	-	-	-	-	-	50,000	50,000	50,000
<b><i>Sub-total</i></b>		-	<b><i>1,542,262</i></b>	<b><i>2,184,363</i></b>	<b><i>3,695,000</i></b>	<b><i>8,452,000</i></b>	<b><i>2,404,000</i></b>	<b><i>18,277,625</i></b>	<b><i>18,277,625</i></b>
<b><u>Existing Project - Additional Funding Programmed</u></b>									
Veh	Vehicle Replacements	1,089,814	690,000	476,500	639,400	501,500	525,000	2,832,400	3,922,214
20203	Town Hall Renovations (Replace Roof)	100,000	-	-	350,000	350,000	6,000,000	6,700,000	6,800,000
20206	Comprehensive Plan	200,000	200,000	-	-	-	-	200,000	400,000
33003	Street Resurfacing	550,000	600,000	600,000	600,000	600,000	600,000	3,000,000	3,550,000
55002	Morgan Creek Greenway	1,567,500	125,000	-	-	-	-	125,000	1,692,500
55033	Jones Creek Greenway	420,000	430,250	-	-	-	-	430,250	850,250
81001	Broad St. Culvert Replacement	20,000	150,000	-	-	-	-	150,000	170,000
81002	Public Works Stream Restoration	80,000	275,000	-	-	-	-	275,000	355,000
<b><i>Sub-total</i></b>		<b><i>4,027,314</i></b>	<b><i>2,470,250</i></b>	<b><i>1,076,500</i></b>	<b><i>1,589,400</i></b>	<b><i>1,451,500</i></b>	<b><i>7,125,000</i></b>	<b><i>13,712,650</i></b>	<b><i>17,739,964</i></b>



## Town of Carrboro, NC

### Capital Improvement Plan for FY21 thru FY25

<u>Proj #</u>	<u>Category/Project Description</u>	<u>Previous Appropriations</u>	<u>FY 2021</u>	<u>FY 2022</u>	<u>FY 2023</u>	<u>FY 2024</u>	<u>FY 2025</u>	<u>FY21-FY25 Total</u>	<u>Project Total</u>
<b><u>Existing Project - No Additional Funding Programmed</u></b>									
20133	203 South Greensboro Street	15,699,895	-	-	-	-	-	-	15,699,895
20201	Self-Contained Breathing Apparatus Replacements	314,924	-	-	-	-	-	-	314,924
20202	South Greensboro St. Conduit	95,000	-	-	-	-	-	-	95,000
20204	Bus Shelter Replacement	288,000	-	-	-	-	-	-	288,000
20207	Unpaved Road Upgrades	230,000	-	-	-	-	-	-	230,000
20208	Sidewalk Repairs	115,000	-	-	-	-	-	-	115,000
44701	Rogers Road Conduit	155,000	-	-	-	-	-	-	155,000
55015	South Greensboro Street Sidewalk	1,750,119	-	-	-	-	-	-	1,750,119
55032	Rogers Road Sidewalk	1,471,658	-	-	-	-	-	-	1,471,658
66041	LED Streetlights	40,000	-	-	-	-	-	-	40,000
66044	MLK Jr. Park Construction Design	2,761,196	-	-	-	-	-	-	2,761,196
<b><i>Sub-total</i></b>		<b><i>22,920,792</i></b>	<b><i>-</i></b>	<b><i>-</i></b>	<b><i>-</i></b>	<b><i>-</i></b>	<b><i>-</i></b>	<b><i>-</i></b>	<b><i>22,920,792</i></b>
<b><i>Total Projects</i></b>		<b><i>26,948,106</i></b>	<b><i>4,012,512</i></b>	<b><i>3,260,863</i></b>	<b><i>5,284,400</i></b>	<b><i>9,903,500</i></b>	<b><i>9,529,000</i></b>	<b><i>31,990,275</i></b>	<b><i>58,938,381</i></b>



## Town of Carrboro, NC

### Capital Improvement Plan for FY21 thru FY25

#### Summary of All Projects

	<u>Previous</u> <u>Appropriations</u>	<u>FY 2021</u>	<u>FY 2022</u>	<u>FY 2023</u>	<u>FY 2024</u>	<u>FY 2025</u>	<u>FY21-FY25</u> <u>Total</u>	<u>Project</u> <u>Total</u>
<b>Expenses</b>								
Planning/Design	2,801,635	740,262	748,000	1,443,200	559,520	146,240	3,637,222	6,438,857
Construction	21,995,253	1,773,250	1,943,000	3,149,800	8,732,480	8,857,760	24,456,290	46,451,543
Land/ROW	746,480	400,000	93,363	52,000	10,000	-	555,363	1,301,843
Equipment/Furnishings	1,404,738	1,099,000	476,500	639,400	601,500	525,000	3,341,400	4,746,138
<b>Total Expenditures</b>	<b>\$ 26,948,106</b>	<b>\$4,012,512</b>	<b>\$3,260,863</b>	<b>\$5,284,400</b>	<b>\$ 9,903,500</b>	<b>\$ 9,529,000</b>	<b>\$31,990,275</b>	<b>\$58,938,381</b>

<b>Appropriations</b>								
Intergovernmental Funds	9,385,726	1,226,500	785,200	1,296,000	7,071,200	1,350,400	11,729,300	21,115,026
General Fund	5,135,515	400,000	200,000	200,000	200,000	200,000	1,200,000	6,335,515
Capital Project Fund	143,823	1,071,050	1,642,600	2,239,400	1,565,800	1,013,600	7,532,450	7,676,273
Storm Water Fund	100,000	228,700	100,000	390,000	215,000	440,000	1,373,700	1,473,700
GO Bonds	1,341,051	25,000	-	-	-	-	25,000	1,366,051
Installment Financing	10,089,814	921,000	476,500	989,400	851,500	6,525,000	9,763,400	19,853,214
Other *	752,177	140,262	56,563	169,600	-	-	366,425	1,118,602
<b>Total Funding</b>	<b>\$ 26,948,106</b>	<b>\$4,012,512</b>	<b>\$3,260,863</b>	<b>\$5,284,400</b>	<b>\$ 9,903,500</b>	<b>\$ 9,529,000</b>	<b>\$31,990,275</b>	<b>\$58,938,381</b>

* Includes Orange Cnty Transit Fnds of:	752,177	140,262	56,563	169,600			366,425	1,118,602
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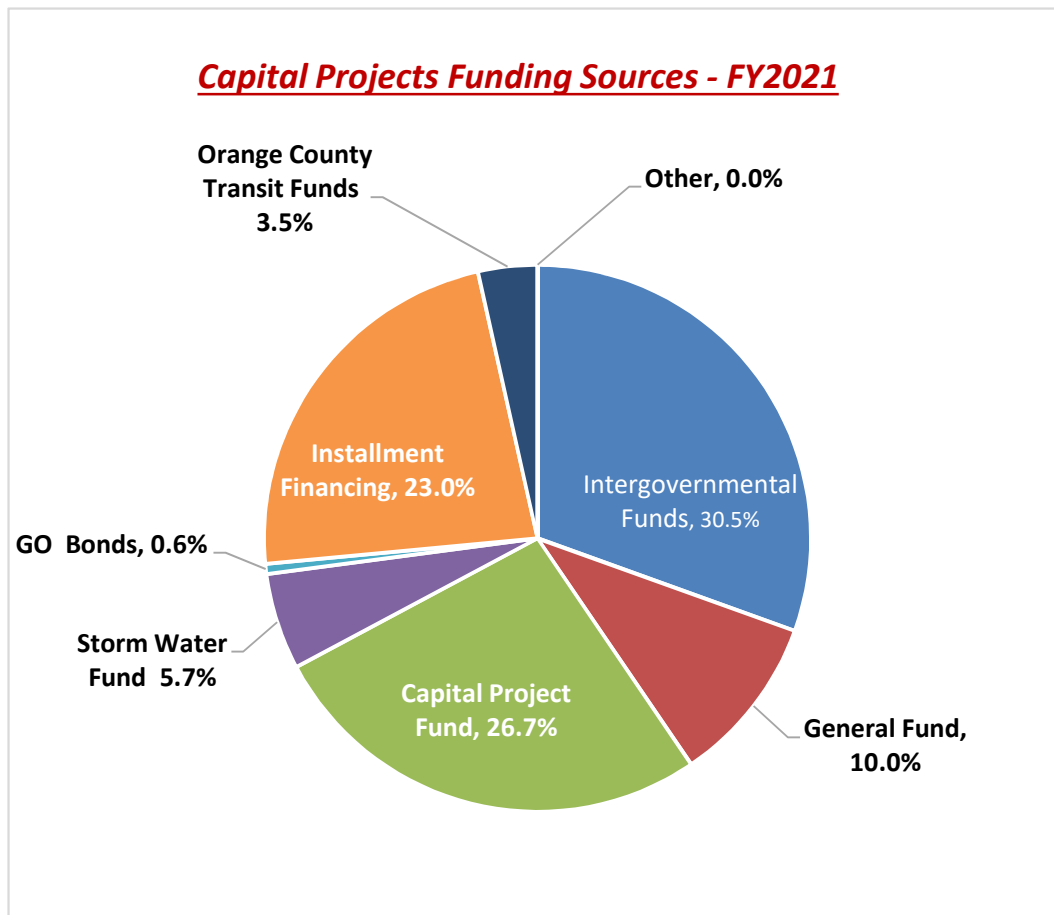


# Town of Carrboro, NC

## Capital Improvement Plan for FY21 thru FY25

### Capital Projects Funding Sources for FY2021

<u>Funding Source</u>	<u>FY 2021</u>	<u>Funding Source</u>	<u>FY 2021</u>
<i>Intergovernmental Funds</i>	\$ 1,226,500	<i>GO Bonds</i>	\$ 25,000
<i>General Fund</i>	400,000	<i>Installment Financing</i>	921,000
<i>Capital Project Fund</i>	1,071,050	<i>Orange County Transit Funds</i>	140,262
<i>Storm Water Fund</i>	228,700	<i>Other</i>	-
		<i>Grand Total of both columns</i>	<u><u>\$ 4,012,512</u></u>







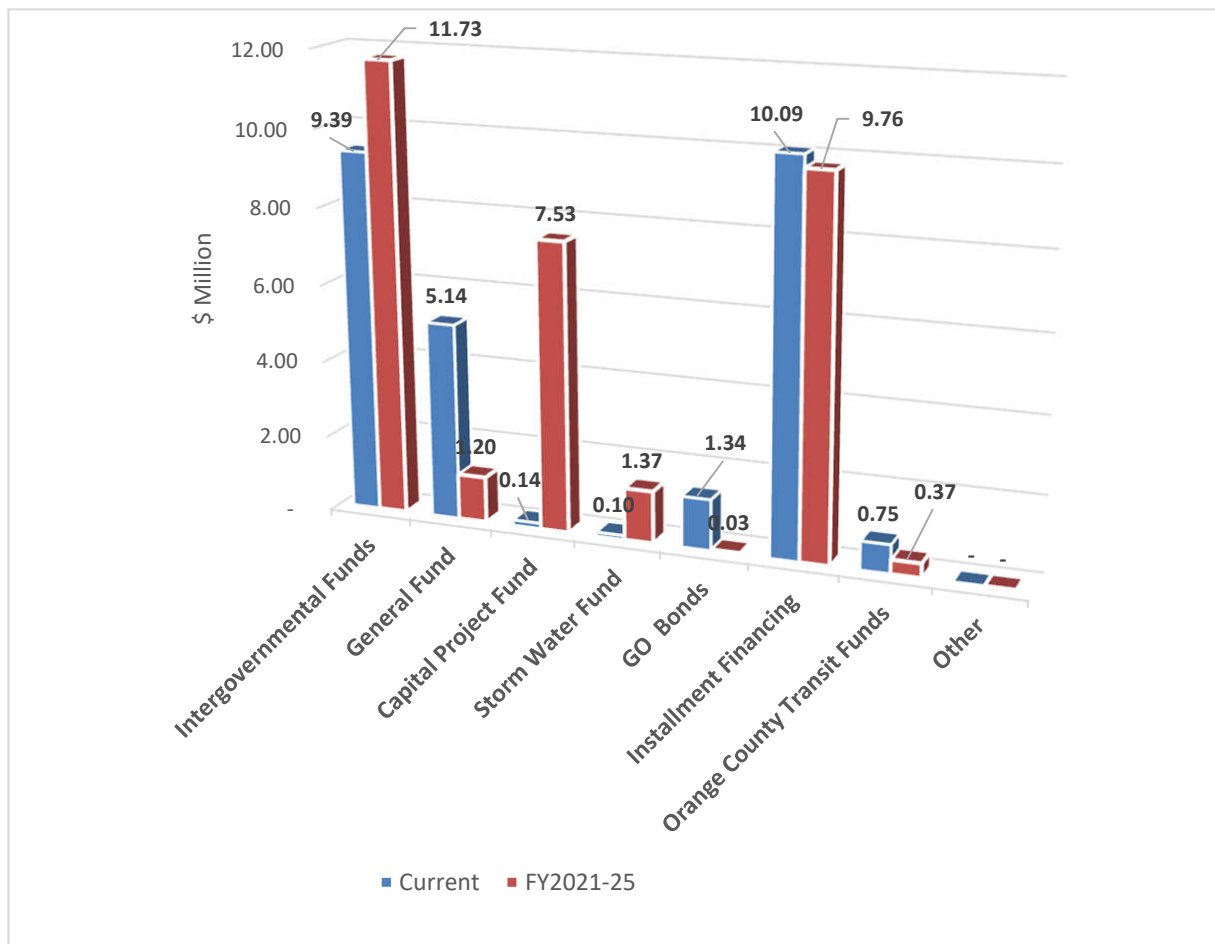
# Town of Carrboro, NC

## Capital Improvement Plan for FY21 thru FY25

(Dollar amounts shown in millions)

### Capital Projects Funding Sources for Current Year & FY21-25 combined

<u>Funding Source</u>	<u>Current</u>	<u>FY2021-25</u>	<u>Totals</u>	<u>Funding Source</u>	<u>Current</u>	<u>FY2021-25</u>	<u>Totals</u>
<i>Intergovernmental Funds</i>	\$ 9.39	\$ 11.73	\$ 21.12	<i>GO Bonds</i>	\$ 1.34	\$ 0.03	\$ 1.37
<i>General Fund</i>	\$ 5.14	\$ 1.20	\$ 6.34	<i>Installment Financing</i>	\$ 10.09	\$ 9.76	\$ 19.85
<i>Capital Project Fund</i>	\$ 0.14	\$ 7.53	\$ 7.67	<i>Orange County Transit Funds</i>	\$ 0.75	\$ 0.37	\$ 1.12
<i>Storm Water Fund</i>	\$ 0.10	\$ 1.37	\$ 1.47	<i>Other</i>	\$ -	\$ -	\$ -
				<b>Grand Totals</b>	<b>\$ 26.95</b>	<b>\$ 31.99</b>	<b>\$ 58.94</b>





## Town of Carrboro, NC

### Capital Improvement Plan for FY21 thru FY25

<u>Proj #</u>	<u>Category/Project Description</u>	<u>Previous Appropriations</u>	<u>FY 2021</u>	<u>FY 2022</u>	<u>FY 2023</u>	<u>FY 2024</u>	<u>FY 2025</u>	<u>FY21-FY25 Total</u>	<u>Project Total</u>
<b><u>General Government</u></b>									
20133	203 South Greensboro Street	15,699,895	-	-	-	-	-	-	15,699,895
Veh	Vehicle Replacements	1,089,814	690,000	476,500	639,400	501,500	525,000	2,832,400	3,922,214
NewEq	New Equipment Purchases	-	231,000	-	-	-	-	231,000	231,000
<b><i>Total General Government Projects</i></b>		<b><i>16,789,709</i></b>	<b><i>921,000</i></b>	<b><i>476,500</i></b>	<b><i>639,400</i></b>	<b><i>501,500</i></b>	<b><i>525,000</i></b>	<b><i>3,063,400</i></b>	<b><i>19,853,109</i></b>
<b><u>Information Technology</u></b>									
20202	South Greensboro St. Conduit	95,000	-	-	-	-	-	-	95,000
44701	Rogers Road Conduit	155,000	-	-	-	-	-	-	155,000
IT1	Building Access Control and Camera System	-	178,000	-	-	-	-	178,000	178,000
<b><i>Total Information Technology Projects</i></b>		<b><i>250,000</i></b>	<b><i>178,000</i></b>	<b><i>-</i></b>	<b><i>-</i></b>	<b><i>-</i></b>	<b><i>-</i></b>	<b><i>178,000</i></b>	<b><i>428,000</i></b>
<b><u>Public Safety</u></b>									
20201	Self-Contained Breathing Apparatus Replacements	314,924	-	-	-	-	-	-	314,924
<b><i>Total Police and Fire Projects</i></b>		<b><i>314,924</i></b>	<b><i>-</i></b>	<b><i>-</i></b>	<b><i>-</i></b>	<b><i>-</i></b>	<b><i>-</i></b>	<b><i>-</i></b>	<b><i>314,924</i></b>
<b><u>Planning and Zoning Projects</u></b>									
20206	Comprehensive Plan	200,000	200,000	-	-	-	-	200,000	400,000
55002	Morgan Creek Greenway	1,567,500	125,000	-	-	-	-	125,000	1,692,500
55015	South Greensboro Street Sidewalk	1,750,119	-	-	-	-	-	-	1,750,119
55033	Jones Creek Greenway	420,000	430,250	-	-	-	-	430,250	850,250
PL1	Estes Drive Bike-Ped Improvements	-	276,262	93,363	848,000	-	-	1,217,625	1,217,625
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	1,188,000	1,469,000	1,469,000
PL5	Ped Safety Imprvmnts & Bike Plan Implementatn	-	257,000	368,000	230,000	423,000	776,000	2,054,000	2,054,000
<b><i>Total Planning and Zoning Projects</i></b>		<b><i>3,937,619</i></b>	<b><i>1,288,512</i></b>	<b><i>834,363</i></b>	<b><i>1,125,000</i></b>	<b><i>1,137,000</i></b>	<b><i>1,964,000</i></b>	<b><i>6,348,875</i></b>	<b><i>10,286,494</i></b>



## Town of Carrboro, NC

### Capital Improvement Plan for FY21 thru FY25

<u>Proj #</u>	<u>Category/Project Description</u>	<u>Previous Appropriations</u>	<u>FY 2021</u>	<u>FY 2022</u>	<u>FY 2023</u>	<u>FY 2024</u>	<u>FY 2025</u>	<u>FY21-FY25 Total</u>	<u>Project Total</u>
<b><u>Public Works Projects</u></b>									
20203	Town Hall Renovations (Replace Roof)	100,000	-	-	350,000	350,000	6,000,000	6,700,000	6,800,000
20204	Bus Shelter Replacement	288,000	-	-	-	-	-	-	288,000
20207	Unpaved Road Upgrades	230,000	-	-	-	-	-	-	230,000
20208	Sidewalk Repairs	115,000	-	-	-	-	-	-	115,000
33003	Street Resurfacing	550,000	600,000	600,000	600,000	600,000	600,000	3,000,000	3,550,000
55032	Rogers Road Sidewalk	1,471,658	-	-	-	-	-	-	1,471,658
66041	LED Streetlights	40,000	-	-	-	-	-	-	40,000
PW1	Wayfinder - Town Signage	-	100,000	150,000	150,000	-	-	400,000	400,000
PW2	Playground Equipment Repair and Replacement	-	100,000	-	-	-	-	100,000	100,000
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/Relocation	-	400,000	-	130,000	6,100,000	-	6,630,000	6,630,000
<b><i>Total Public Works Projects</i></b>		<b><i>2,794,658</i></b>	<b><i>1,200,000</i></b>	<b><i>1,850,000</i></b>	<b><i>3,130,000</i></b>	<b><i>8,050,000</i></b>	<b><i>6,600,000</i></b>	<b><i>20,830,000</i></b>	<b><i>23,624,658</i></b>
<b><u>Recreation and Parks</u></b>									
66044	MLK Jr. Park Construction Design	2,761,196	-	-	-	-	-	-	2,761,196
<b><i>Total Parks and Recreation Projects</i></b>		<b><i>2,761,196</i></b>	<b><i>-</i></b>	<b><i>-</i></b>	<b><i>-</i></b>	<b><i>-</i></b>	<b><i>-</i></b>	<b><i>-</i></b>	<b><i>2,761,196</i></b>
<b><u>Storm Water Projects</u></b>									
81001	Broad St. Culvert Replacement	20,000	150,000	-	-	-	-	150,000	170,000
81002	Public Works Stream Restoration	80,000	275,000	-	-	-	-	275,000	355,000
SW-1	Green Infrastructure Project(s) TBD	-	-	50,000	140,000	-	-	190,000	190,000
SW-2	Grey Infrastructure Project(s) TBD	-	-	50,000	190,000	65,000	230,000	535,000	535,000
SW-3	Anderson Park Storm Water Retrofits	-	-	-	60,000	150,000	160,000	370,000	370,000
SW-4	Morgan Creek Stream Restoration	-	-	-	-	-	50,000	50,000	50,000
<b><i>Total Storm Water Projects</i></b>		<b><i>100,000</i></b>	<b><i>425,000</i></b>	<b><i>100,000</i></b>	<b><i>390,000</i></b>	<b><i>215,000</i></b>	<b><i>440,000</i></b>	<b><i>1,570,000</i></b>	<b><i>1,670,000</i></b>
<b><i>Total Projects</i></b>		<b><i>26,948,106</i></b>	<b><i>4,012,512</i></b>	<b><i>3,260,863</i></b>	<b><i>5,284,400</i></b>	<b><i>9,903,500</i></b>	<b><i>9,529,000</i></b>	<b><i>31,990,275</i></b>	<b><i>58,938,381</i></b>



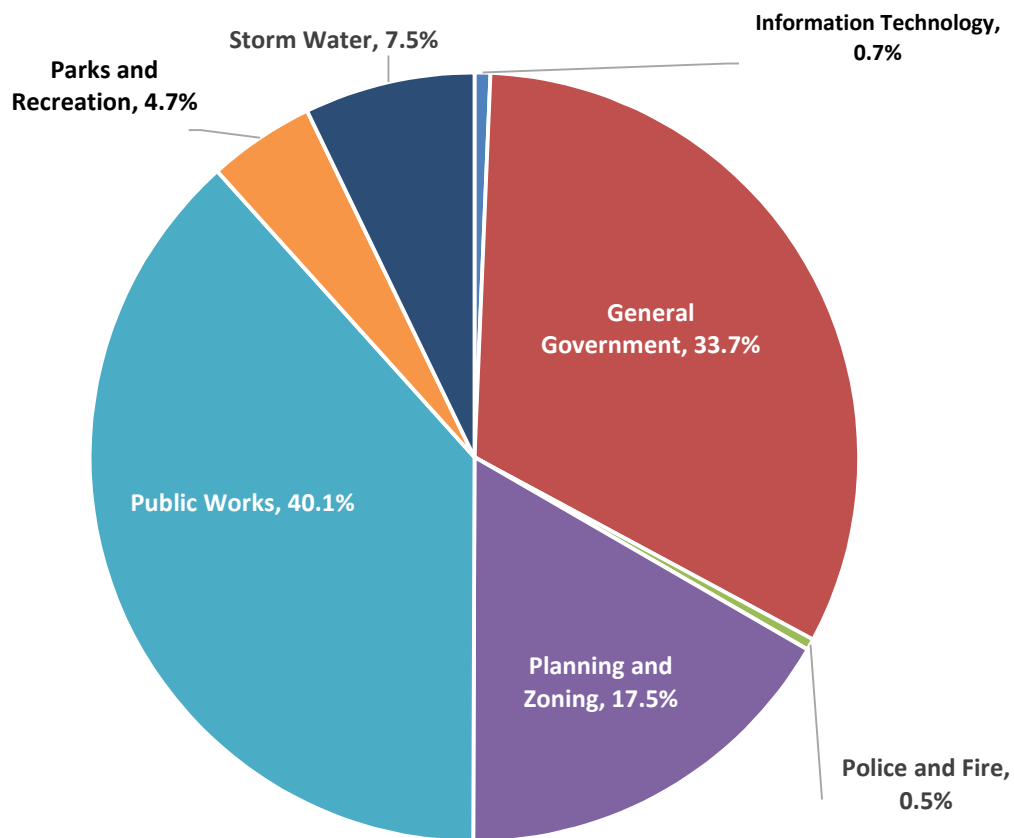
## Town of Carrboro, NC

### Capital Improvement Plan for FY21 thru FY25

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

<u>Category</u>	<u>Totals</u>	<u>Category</u>	<u>Totals</u>
General Government	19,853,109	Planning and Zoning	10,286,494
Information Technology	428,000	Public Works	23,624,658
Police and Fire	314,924	Parks and Recreation	2,761,196
		Storm Water	1,670,000
Grand Total of both columns			<u><u>58,938,381</u></u>

#### Capital Projects by Category - All Years





## Town of Carrboro, NC

### Capital Improvement Plan for FY21 thru FY25

Project Title: **203 South Greensboro Street**  
 Location: **203 South Greensboro Street**  
 Project Status: **Existing Project - No Additional Funding Programmed**

Project # **20133**  
 Category: **General Government**  
 Fund: **66 - Capital Projects Fund**

Proj Start Date: **6/1/2018** Finish Date: **9/30/2021**

	<b>Previous Funding</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY21-FY25 Total</b>	<b>Project Total</b>
<b>Expenses</b>								
Planning/Design	1,500,000						-	1,500,000
Construction	13,598,500						-	13,598,500
Land/ROW	601,395						-	601,395
Equipment/Furnishings							-	-
<b>Total Expenditures</b>	<b>\$ 15,699,895</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 15,699,895</b>
<b>Appropriations</b>								
Intergovernmental Funds	6,098,500						-	6,098,500
General Fund	601,395						-	601,395
Capital Project Fund							-	-
Storm Water Fund							-	-
GO Bonds							-	-
Installment Financing	9,000,000						-	9,000,000
Other							-	-
<b>Total Funding</b>	<b>\$ 15,699,895</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 15,699,895</b>
<b>Operating Budget Impact</b>								
Personnel							-	-
Operating			150,000	200,000	200,000	200,000	750,000	750,000
Capital Outlay							-	-
Debt Service			805,500	787,500	769,500	751,500	3,114,000	3,114,000
<b>Total Oper Bdgt Impact</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 955,500</b>	<b>\$ 987,500</b>	<b>\$ 969,500</b>	<b>\$ 951,500</b>	<b>\$ 3,864,000</b>	<b>\$ 3,864,000</b>

#### 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. For more information see this website: <http://townofcarrboro.org/1127/203-S-Greensboro-Project>

#### Energy Sustainable Measures

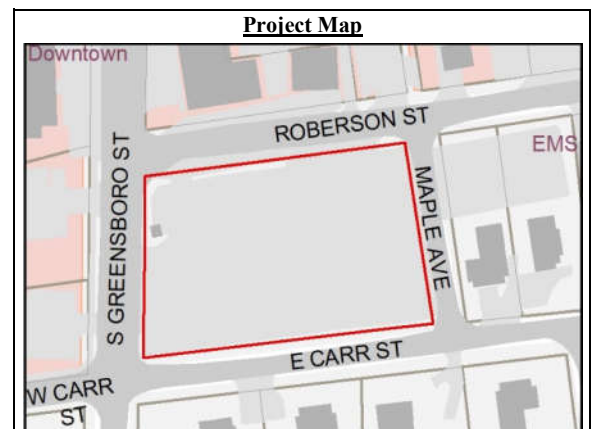
LEED Gold equivalency related to building design, systems, and operation is being explored.

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

Building operating and maintenance costs. Debt financing anticipated to be issued March 2021 with the first debt service payments in FY 2022.

#### 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 FY21 thru FY25

Project Title: **Vehicle Replacements**  
 Location: **Town of Carrboro**  
 Project Status: **Proposed**

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

Proj Start Date: <b>7/1/2020</b>	Finish Date: <b>6/30/2025</b>
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	Previous Funding	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY21-FY25 Total	Project Total
<b>Expenses</b>								
Planning/Design							-	-
Construction							-	-
Land/ROW							-	-
Equipment/Furnishings	1,089,814	690,000	476,500	639,400	501,500	525,000	2,832,400	3,922,214
<b>Total Expenditures</b>	<b>\$ 1,089,814</b>	<b>\$ 690,000</b>	<b>\$ 476,500</b>	<b>\$ 639,400</b>	<b>\$ 501,500</b>	<b>\$ 525,000</b>	<b>\$ 2,832,400</b>	<b>\$ 3,922,214</b>

<b>Appropriations</b>								
Intergovernmental Funds							-	-
General Fund							-	-
Capital Project Fund							-	-
Storm Water Fund							-	-
GO Bonds							-	-
Installment Financing	1,089,814	690,000	476,500	639,400	501,500	525,000	2,832,400	3,922,214
Other							-	-
<b>Total Funding</b>	<b>\$ 1,089,814</b>	<b>\$ 690,000</b>	<b>\$ 476,500</b>	<b>\$ 639,400</b>	<b>\$ 501,500</b>	<b>\$ 525,000</b>	<b>\$ 2,832,400</b>	<b>\$ 3,922,214</b>

<b>Operating Budget Impact</b>								
Personnel							-	-
Operating	(26,591)	(16,836)	(11,627)	(15,601)	(12,237)	(12,810)	(69,111)	(95,702)
Capital Outlay							-	-
Debt Service	343,696	507,852	538,175	616,077	718,184	599,883	2,980,171	3,323,867
<b>Total Oper Bdgt Impact</b>	<b>\$ 317,105</b>	<b>\$ 491,016</b>	<b>\$ 526,548</b>	<b>\$ 600,476</b>	<b>\$ 705,947</b>	<b>\$ 587,073</b>	<b>\$ 2,911,060</b>	<b>\$ 3,228,165</b>

#### Description and Benefits

Vehicle Replacements for FY21 include: six (6) police patrol cars for a total of \$336,000, two (2) Fire Department vehicles (Ford Expeditions) for a total of \$90,000, and four (4) public works trucks (F250, F350, F450 and F550) for a total of \$264,000.

#### Energy Sustainable Measures

Newer vehicles have greater fuel efficiency and reduced emissions than older vehicles.

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

Operating budget will be reduced as a result of less parts and maintenance costs on the older vehicles.

#### 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 FY21 thru FY25

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

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

Proj Start Date: **7/1/2020** Finish Date: **6/30/2021**

	Previous Funding	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY21-FY25 Total	Project Total
<b>Expenses</b>								
Planning/Design							-	-
Construction							-	-
Land/ROW							-	-
Equipment/Furnishings		231,000					231,000	231,000
<b>Total Expenditures</b>	\$ -	\$ 231,000	\$ -	\$ -	\$ -	\$ -	\$ 231,000	\$ 231,000

<b>Appropriations</b>								
Intergovernmental Funds							-	-
General Fund							-	-
Capital Project Fund							-	-
Storm Water Fund							-	-
GO Bonds							-	-
Installment Financing		231,000					231,000	231,000
Other							-	-
<b>Total Funding</b>	\$ -	\$ 231,000	\$ -	\$ -	\$ -	\$ -	\$ 231,000	\$ 231,000

<b>Operating Budget Impact</b>								
Personnel							-	-
Operating		(5,636)	-	-	-	-	(5,636)	(5,636)
Capital Outlay							-	-
Debt Service			51,744	50,358	48,972	47,586	198,660	198,660
<b>Total Oper Bdgt Impact</b>	\$ -	\$ (5,636)	\$ 51,744	\$ 50,358	\$ 48,972	\$ 47,586	\$ 193,024	\$ 193,024

#### Description and Benefits

\* Purchase of a new boom truck (\$155K) to assist clearing roads during inclement weather and in the collection of bulky waste items, brush, dead animals, and scrap metal. PW currently has one 2012 knuckle boom truck. Due to its age and engine hours, in the past two years, the 2012 boom truck has total downtime of 1,124 hours or approximately 28, 40-hour work weeks, and a total of \$24,759 in mtce and repair costs. The addition of a new boom truck would reduce down time, associated breakdowns, and improve operational efficiency.

\* The purchase of a new compact (mini) excavator (\$76K) is critical for the efficient operations of ditch digging, sidewalk removal, stormwater pipe installation, and miscellaneous grading projects. Current fleet does not include a mini-excavator and all work is performed with larger equipment. The operating impacts of purchasing a compact excavator would be: improved efficiency; increase productivity; smaller work zones with less impact to traffic; increased safety with better visibility for the operator, and more flexibility with quick change buckets other attachments.

#### 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 similar equipment would be reduced. Annual fleet maintenance should be minimal (excavators are very reliable), fuel costs should decrease, and this equipment should only require routine fluid changes for the first few years.

#### 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 FY21 thru FY25

Project Title: **South Greensboro St. Conduit**  
 Location: **Along South Greensboro St. following planned sidewalk**  
 Project Status: **Existing Project - No Additional Funding Programmed**

Project # **20202**  
 Category: **Information Technology**  
 Fund: **66 - Capital Projects Fund**

Proj Start Date: **7/1/2019** Finish Date: **10/1/2020**

	Previous Funding	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY21-FY25 Total	Project Total
<b>Expenses</b>								
Planning/Design							-	-
Construction	95,000						-	95,000
Land/ROW							-	-
Equipment/Furnishings							-	-
<b>Total Expenditures</b>	\$ 95,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 95,000

<b>Appropriations</b>								
Intergovernmental Funds							-	-
General Fund	95,000						-	95,000
Capital Project Fund							-	-
Storm Water Fund							-	-
GO Bonds							-	-
Installment Financing							-	-
Other							-	-
<b>Total Funding</b>	\$ 95,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 95,000

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

#### Description and Benefits

Installation of conduit for fiber optic infrastructure by horizontal directional boring. Will be done in conjunction with South Greensboro St. NCDOT sidewalk improvements project. The proposed conduit installation will link Town owned conduit located on Smith Level Rd to the Century Center and connect the planned Carrboro-Orange County Library to the Town of Carrboro conduit infrastructure system. South Greensboro St. NCDOT sidewalk improvements project is going into design phase during 2020 with the estimated construction start date planned for late 2020.

#### Energy Sustainable Measures

N/A

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

None. Infrastructure must be located/marked when notified by 811. No personnel or operating impact – can be handled by current personnel within current workload.

#### 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 FY21 thru FY25

Project Title: **Rogers Road Conduit**  
 Location: **West side of Rogers Road following sidewalk**  
 Project Status: **Existing Project - No Additional Funding Programmed**

Project # **44701**  
 Category: **Information Technology**  
 Fund: **66 - Capital Projects Fund**

Proj Start Date: **10/1/2014** Finish Date: **10/1/2020**

	Previous Funding	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY21-FY25 Total	Project Total
<b>Expenses</b>								
Planning/Design							-	-
Construction	155,000						-	155,000
Land/ROW							-	-
Equipment/Furnishings							-	-
<b>Total Expenditures</b>	\$ 155,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 155,000
<b>Appropriations</b>								
Intergovernmental Funds							-	-
General Fund	155,000						-	155,000
Capital Project Fund							-	-
Storm Water Fund							-	-
GO Bonds							-	-
Installment Financing							-	-
Other							-	-
<b>Total Funding</b>	\$ 155,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 155,000
<b>Operating Budget Impact</b>								
Personnel							-	-
Operating							-	-
Capital Outlay							-	-
Debt Service							-	-
<b>Total Oper Bdgt Impact</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

### Description and Benefits

Installation of conduit for fiber optic infrastructure by horizontal directional boring. Will be done in conjunction with Rogers Road NCDOT sidewalk improvements. Installation will occur immediately after NCDOT sidewalk project has been completed. Estimated conduit construction start date of spring 2020.

### Energy Sustainable Measures

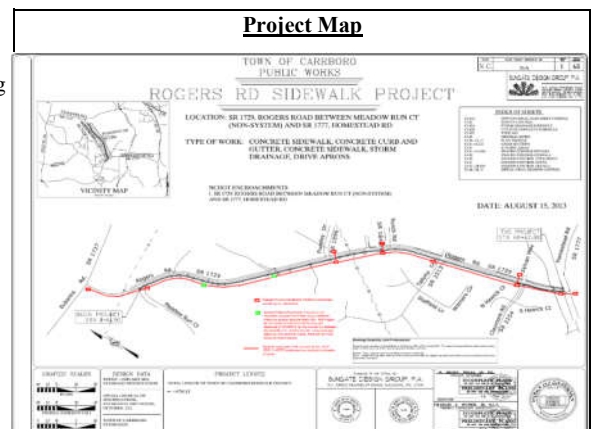
N/A

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

None. Infrastructure must be located/marked when notified by 811. No personnel or operating impact – can be handled by current personnel within current workload.

### 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 FY21 thru FY25

Project Title: **Building Access Control and Camera System**  
 Location: **Town of Carrboro Facilities**  
 Project Status: **Existing Project - Additional Funding Programmed**

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

Proj Start Date: **7/1/2020** Finish Date: **6/30/2021**

	Previous Funding	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY21-FY25 Total	Project Total
<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	6,500	6,500	27,000	27,000
Capital Outlay							-	-
Debt Service							-	-
<b>Total Oper Bdgt Impact</b>	\$ -	\$ 1,000	\$ 6,500	\$ 6,500	\$ 6,500	\$ 6,500	\$ 27,000	\$ 27,000

### 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

N/A

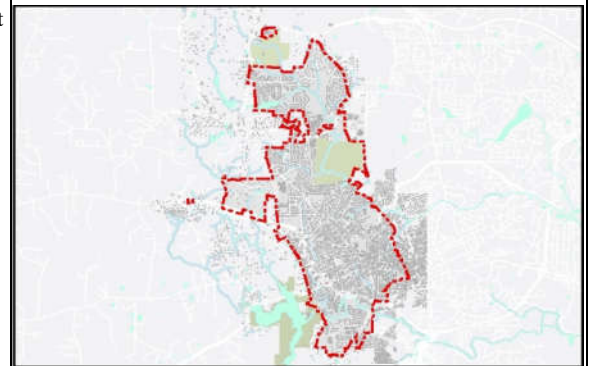
### Oper Bdgt Impacts & Funding (list grants, matching requirements, etc)

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
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**Project Map**





## Town of Carrboro, NC

### Capital Improvement Plan for FY21 thru FY25

Project Title: **Self-Contained Breathing Apparatus Replacements**  
 Location: **Fire-Rescue Department**  
 Project Status: **Existing Project - No Additional Funding Programmed**

Project # **20201**  
 Category: **Fire**  
 Fund: **66 - Capital Projects Fund**

Proj Start Date: <b>7/1/2019</b>	Finish Date: <b>6/30/2020</b>
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	Previous Funding	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY21-FY25 Total	Project Total
<b>Expenses</b>								
Planning/Design							-	-
Construction							-	-
Land/ROW							-	-
Equipment/Furnishings	314,924						-	314,924
<b>Total Expenditures</b>	\$ 314,924	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 314,924

<b>Appropriations</b>								
Intergovernmental Funds							-	-
General Fund	314,924						-	314,924
Capital Project Fund							-	-
Storm Water Fund							-	-
GO Bonds							-	-
Installment Financing							-	-
Other							-	-
<b>Total Funding</b>	\$ 314,924	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 314,924

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

#### Description and Benefits

The current Self-Contained Breathing Apparatus (SCBA) inventory is aging and most have reached the 10 year life expectancy. Newer SCBA equipment has features to enhance safety for firefighters. Purchasing replacement SCBA equipment will continue to allow the Fire-Rescue Department to provide the expected service to citizens. The new SCBA will meet the NFPA 2018 industry standard. Project cannot be replaced in partial quantities due to changes in technology. Buddy breathing between old SCBA system and new would not work. Additionally, mixed technology requires greater overhead costs as duplicate parts will be required to maintain SCBA. Project completion is expected by 6/30/20.

#### Energy Sustainable Measures

None.

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

Operating budget will remain the same or be reduced for maintenance costs due to warranty. There will be an impact as current SCBA bottles age out or fail they will need to be replaced. Having mixed technologies results in greater overhead costs as duplicate parts will be required.

#### 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

#### Project Map





## Town of Carrboro, NC

### Capital Improvement Plan for FY21 thru FY25

Project Title: **Comprehensive Plan**

Location: **301 West Main St**

Project Status: **Existing Project - Additional Funding Programmed**

Proj Start Date: **7/1/2019** Finish Date: **6/30/2022**

Project # **20206**

Category: **Planning & Zoning**

Fund: **66 - Capital Projects Fund**

	<u>Previous Funding</u>	<u>FY 2021</u>	<u>FY 2022</u>	<u>FY 2023</u>	<u>FY 2024</u>	<u>FY 2025</u>	<u>FY21-FY25 Total</u>	<u>Project Total</u>
<b>Expenses</b>								
Planning/Design	200,000	200,000					200,000	400,000
Construction							-	-
Land/ROW							-	-
Equipment/Furnishings							-	-
<b>Total Expenditures</b>	\$ 200,000	\$ 200,000	\$ -	\$ -	\$ -	\$ -	\$ 200,000	\$ 400,000

#### Appropriations

Intergovernmental Funds							-	-
General Fund	200,000	200,000					200,000	400,000
Capital Project Fund							-	-
Storm Water Fund							-	-
GO Bonds							-	-
Installment Financing							-	-
Other							-	-
<b>Total Funding</b>	\$ 200,000	\$ 200,000	\$ -	\$ -	\$ -	\$ -	\$ 200,000	\$ 400,000

#### Operating Budget Impact

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

#### Description and Benefits

Preparation of a comprehensive plan for the Town. Anticipated plan elements to include/not be limited to: land use, pedestrian safety, infrastructure, update of Recreation and Parks, incorporation of updated bicycle transportation and economic development, affordable housing goals and strategies, and natural hazards/hazard mitigation.

#### Energy Sustainable Measures

Climate resilience and sustainability are among the key principles that will be explored in this comprehensive planning effort. Specific measures will be determined with the identification of the community's vision, goals, and strategies. This project is jurisdiction-wide in geographic scope.

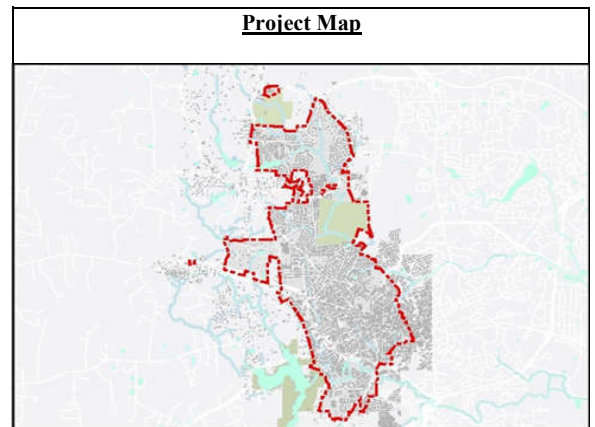
#### Oper Bdgt Impacts & Funding (list grants, matching requirements, etc)

Planning staff will lead the effort; staff from all departments will be involved. Local funding only.

#### 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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#### Project Map





# Town of Carrboro, NC

## Capital Improvement Plan for FY21 thru FY25

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**

Proj Start Date: **4/1/2018** Finish Date: **6/30/2021**

Project # **55002**

Category: **Planning & Zoning**

Fund: **62 - Bond Fund**

	Previous Funding	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY21-FY25 Total	Project Total
<b>Expenses</b>								
Planning/Design	379,231						-	379,231
Construction	1,188,269	125,000					125,000	1,313,269
Land/ROW							-	-
Equipment/Furnishings							-	-
<b>Total Expenditures</b>	\$ 1,567,500	\$ 125,000	\$ -	\$ -	\$ -	\$ -	\$ 125,000	\$ 1,692,500
<b>Appropriations</b>								
Intergovernmental Funds	1,254,000	100,000					100,000	1,354,000
General Fund							-	-
Capital Project Fund							-	-
Storm Water Fund							-	-
GO Bonds	113,663	25,000					25,000	138,663
Installment Financing							-	-
Other	199,837						-	199,837
<b>Total Funding</b>	\$ 1,567,500	\$ 125,000	\$ -	\$ -	\$ -	\$ -	\$ 125,000	\$ 1,692,500
<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>	\$ -	\$ 1,500	\$ 1,500	\$ 1,500	\$ 1,500	\$ 1,500	\$ 7,500	\$ 9,000

### 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 originally programmed (funded) to include phases 1 and 2. In late 2018, the project scope was modified to include only Phase 1 (described in the Morgan Creek Greenway Conceptual Master Plan as phase 1 and phase 1 alternate). The municipal agreement and CIP ordinance have been revised accordingly. (\$1,771,346 total project total no longer applicable; updated CIP ordinance adopted 12/4/2018) 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 seeking additional funds including an RTP Grant (shown above as \$125,000 total, \$25,000 local match). Staff anticipates that the project will be advertised for bid in spring of 2020 with construction complete in 12-18 months. The completed greenway will consist of a 10-foot wide multi-use path. (TIP# EL-4828A)

### Energy Sustainable Measures

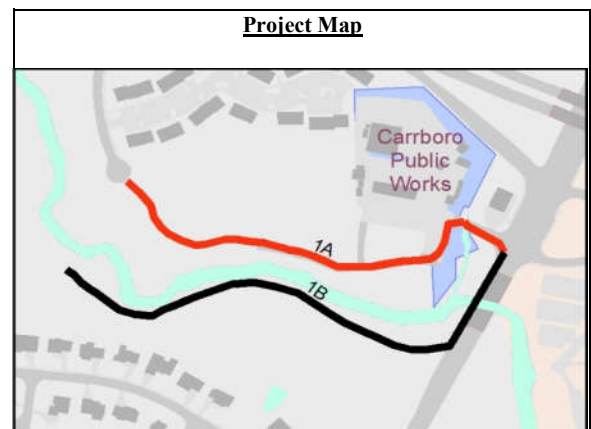
The Morgan Creek (MC) greenway system will provide an off-road bike-ped network connecting multiple residential neighborhoods to University Lake, Carrboro High School, Frank Porter Graham Elem School and the future sidewalk leading to downtown Carrboro. Ph I of the greenway will also link to the MC greenway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

### 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
- ☐ 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 FY21 thru FY25

Project Title: **South Greensboro Street Sidewalk**  
 Location: **South Greensboro Street**  
 Project Status: **Existing Project - No Additional Funding Programmed**

Project # **55015**  
 Category: **Planning & Zoning**  
 Fund: **66 - Capital Projects Fund**

Proj Start Date: <b>7/1/2016</b>	Finish Date: <b>6/30/2022</b>
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	Previous Funding	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY21-FY25 Total	Project Total
<b>Expenses</b>								
Planning/Design	206,511						-	206,511
Construction	1,493,608						-	1,493,608
Land/ROW	50,000						-	50,000
Equipment/Furnishings							-	-
<b>Total Expenditures</b>	<b>\$ 1,750,119</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 1,750,119</b>
<b>Appropriations</b>								
Intergovernmental Funds	1,154,626						-	1,154,626
General Fund							-	-
Capital Project Fund							-	-
Storm Water Fund							-	-
GO Bonds	43,153						-	43,153
Installment Financing							-	-
Other	552,340						-	552,340
<b>Total Funding</b>	<b>\$ 1,750,119</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 1,750,119</b>
<b>Operating Budget Impact</b>								
Personnel							-	-
Operating				1,500	1,500	1,500	4,500	4,500
Capital Outlay							-	-
Debt Service							-	-
<b>Total Oper Bdgt Impact</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 1,500</b>	<b>\$ 1,500</b>	<b>\$ 1,500</b>	<b>\$ 4,500</b>	<b>\$ 4,500</b>

#### Description and Benefits

Construct a sidewalk on the west side of S. Greensboro Street from the northern end of Old Pittsboro Road to the NC-54 eastbound off-ramp. The sidewalk would fill a major gap for pedestrians from the higher-density area along Smith Level Rd., south of NC-54 bypass, to downtown. It will provide access to downtown transit service for residents along S. Greensboro St. and Smith Level Rd., as well as access to the J bus stop on S. Greensboro St. across from Rand Rd. It will contribute to a safer and more comfortable walking environment for pedestrians traveling north and south on S. Greensboro St. and underneath NC-54 bypass.

#### Energy Sustainable Measures

This project may reduce the reliance on motor vehicles for access and thus reduce motor vehicle emissions.

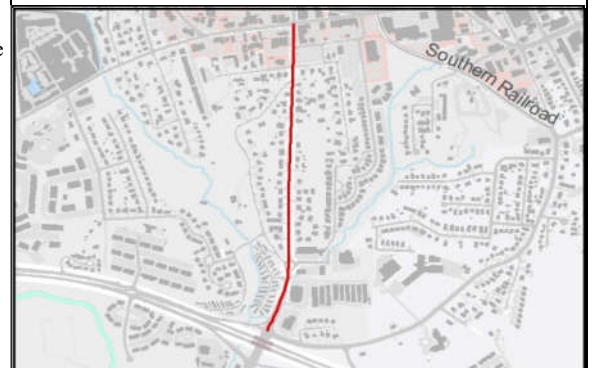
#### Oper Bdgt Impacts & Funding (list grants, matching requirements, etc)

NCDOT has completed its audit of the scope of work and manday/rates for design services. The Board has approved a not to exceed cost of \$415,000 for design. Additional maintenance and policing staff hours may be necessary as a result of the project. The Town has signed the municipal agreement with DOT.

#### 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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**Project Map**







## Town of Carrboro, NC

### Capital Improvement Plan for FY21 thru FY25

Project Title: **Jones Creek Greenway**

Location: **Connecting link fr Lake Hogan Farms to Morris Grove Elem School**

Project Status: **Existing Project - Additional Funding Programmed**

Project # **55033**

Category: **Planning & Zoning**

Fund: **62 - Bond Fund**

Proj Start Date: **4/1/2018** Finish Date: **9/30/2021**

	Previous Funding	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY21-FY25 Total	Project Total
<b>Expenses</b>								
Planning/Design	50,000	134,000					134,000	184,000
Construction	370,000	296,250					296,250	666,250
Land/ROW							-	-
Equipment/Furnishings							-	-
<b>Total Expenditures</b>	\$ 420,000	\$ 430,250	\$ -	\$ -	\$ -	\$ -	\$ 430,250	\$ 850,250
<b>Appropriations</b>								
Intergovernmental Funds	336,000	344,200					344,200	680,200
General Fund							-	-
Capital Project Fund		86,050					86,050	86,050
Storm Water Fund							-	-
GO Bonds	84,000						-	84,000
Installment Financing							-	-
Other							-	-
<b>Total Funding</b>	\$ 420,000	\$ 430,250	\$ -	\$ -	\$ -	\$ -	\$ 430,250	\$ 850,250
<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>	\$ -	\$ -	\$ 1,200	\$ 1,200	\$ 1,200	\$ 1,200	\$ 4,800	\$ 4,800

#### 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) Note: The original budget earmarked \$100,000 for design services, the actual cost, approved by NCDOT is for \$184,000. This budget change was approved with an updated CIP ordinance (Granicus 17-675). The DCHC MPO has prepared a TIP amendment to allocate \$344,200 additional CMAQ funds from the upcoming CMAQ cycle to make the project whole based on the engineer's initial cost estimate. This would bring the total project cost to \$850,250: \$680,200 federal funding and \$170,050 local match. \*Please note, the adopted 2020-2029 STIP lists the total project amount as \$766,000. Staff is reviewing this with MPO and NCDOT staff.

#### Energy Sustainable Measures

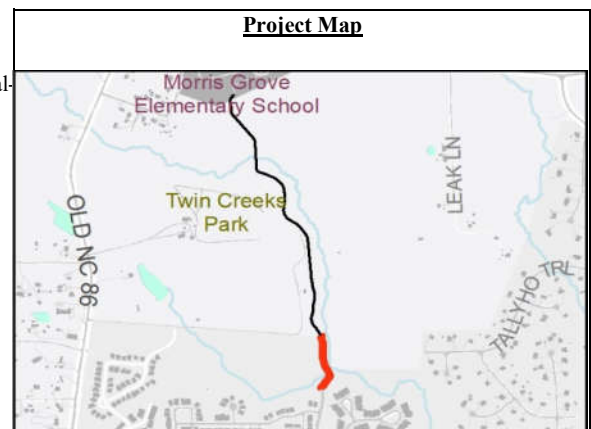
Once completed the project will offer an off-route alternative to vehicular travel, particularly to the elementary school, which generates daily trips at peak times. The project will also provide access to the future Twin Creek Park, an active athletic facility. The use of CMAQ funding requires an analysis 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
- ☐ 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 FY21 thru FY25

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: **7/1/2020** Finish Date: **6/30/2023**

	Previous Funding	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY21-FY25 Total	Project Total
<b>Expenses</b>								
Planning/Design		276,262		848,000			1,124,262	1,124,262
Construction							-	-
Land/ROW			93,363				93,363	93,363
Equipment/Furnishings							-	-
<b>Total Expenditures</b>	\$ -	\$ 276,262	\$ 93,363	\$ 848,000	\$ -	\$ -	\$ 1,217,625	\$ 1,217,625
<b>Appropriations</b>								
Intergovernmental Funds		136,000	36,800	678,400			851,200	851,200
General Fund							-	-
Capital Project Fund							-	-
Storm Water Fund							-	-
GO Bonds							-	-
Installment Financing							-	-
Other		140,262	56,563	169,600			366,425	366,425
<b>Total Funding</b>	\$ -	\$ 276,262	\$ 93,363	\$ 848,000	\$ -	\$ -	\$ 1,217,625	\$ 1,217,625
<b>Operating Budget Impact</b>								
Personnel							-	-
Operating					1,500	1,500	3,000	3,000
Capital Outlay							-	-
Debt Service							-	-
<b>Total Oper Bdgt Impact</b>	\$ -	\$ -	\$ -	\$ -	\$ 1,500	\$ 1,500	\$ 3,000	\$ 3,000

#### Description and Benefits

This is a collaborative project with the Town of Chapel Hill to design and install bike-ped, and transit, improvements along the Estes Drive corridor from North Greensboro Street to Martin Luther King Boulevard. Approximately 0.86 miles of the corridor are in the Town of Carrboro. Costs provided are for the Carrboro portion, only. This project has been programmed for funding in the 2018-2027 STIP as EB-5886A. 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 Carrboro and Chapel Hill and connects to downtown Carrboro, Carrboro Elementary, Wilson Park, etc. The Town has not yet entered into a municipal agreement with NCDOT; project put on hold due to NCDOT funding issues. This project includes the Estes Drive transit access/corridor study.

#### Energy Sustainable Measures

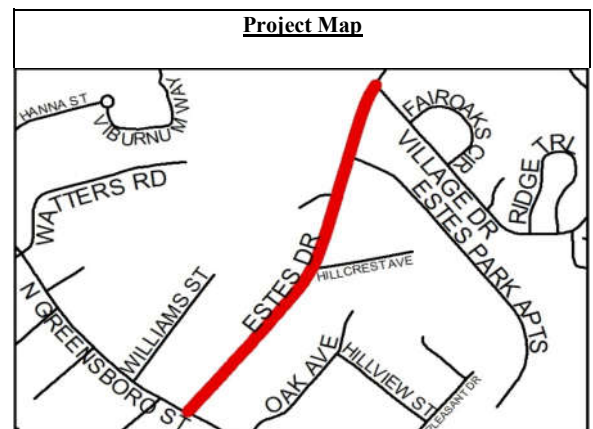
Some apartments along this corridor serve students and low-to medium income families. It is heavily used by all modes, although current safety concerns limit the potential for additional bike-ped users. Its completion provides an alternative mode of transportation for many residents and may reduce the 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 FY18-27 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
- ☐ 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 FY21 thru FY25

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: **7/1/2021** Finish Date: **6/30/2024**

	Previous Funding	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY21-FY25 Total	Project Total
<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	352,800		448,800	448,800
General Fund							-	-
Capital Project Fund			17,800	6,200	88,200		112,200	112,200
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>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

#### 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 Town has not yet entered into a municipal agreement with NCDOT; project put on hold due to NCDOT funding issues.

#### Energy Sustainable Measures

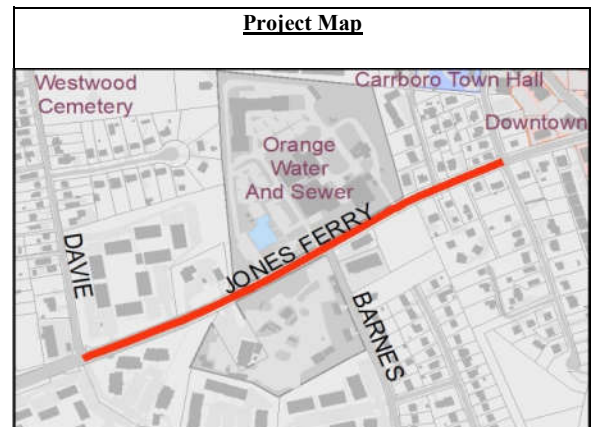
This sidewalk project fills the gap in the sidewalk system along Jones Ferry Road an important pedestrian route into the downtown. Its completion provides an alternative mode of transportation for many residents and may reduce the need for vehicular travel for some trips, and therefore contribute to 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 FY2018-2027 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
- ☒ Managing and encouraging orderly implementation of Town adopted needs assessments, strategic and program master plans





## Town of Carrboro, NC

### Capital Improvement Plan for FY21 thru FY25

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: **7/1/2021** Finish Date: **6/30/2024**

	Previous Funding	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY21-FY25 Total	Project Total
<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			36,800	12,800	184,000		233,600	233,600
General Fund							-	-
Capital Project Fund			9,200	3,200	46,000		58,400	58,400
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>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

#### 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 Town has not yet entered into a municipal agreement with NCDOT; project put on hold due to NCDOT funding issues.

#### 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.

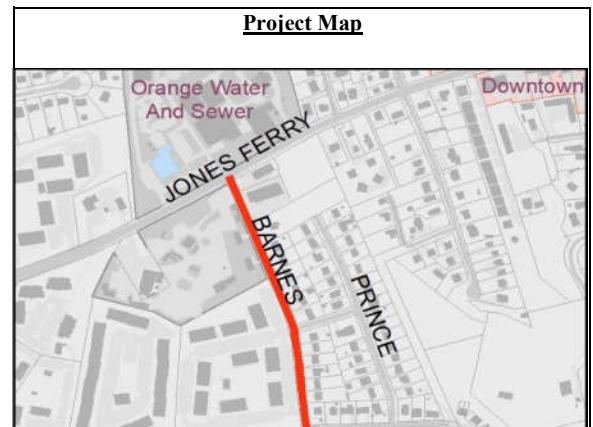
#### Oper Bdgt Impacts & Funding (list grants, matching requirements, etc)

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 FY2018-2027 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
- ☐ Complying with State and Federal mandates
- ☒ Incorporating energy and climate protection strategies
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**Project Map**





## Town of Carrboro, NC

### Capital Improvement Plan for FY21 thru FY25

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: **7/1/2021** Finish Date: **6/30/2025**

	Previous Funding	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY21-FY25 Total	Project Total
<b>Expenses</b>								
Planning/Design			238,000		43,000		281,000	281,000
Construction						1,188,000	1,188,000	1,188,000
Land/ROW							-	-
Equipment/Furnishings							-	-
<b>Total Expenditures</b>	\$ -	\$ -	\$ 238,000	\$ -	\$ 43,000	\$ 1,188,000	\$ 1,469,000	\$ 1,469,000
<b>Appropriations</b>								
Intergovernmental Funds			190,400		34,400	950,400	1,175,200	1,175,200
General Fund							-	-
Capital Project Fund			47,600		8,600	237,600	293,800	293,800
Storm Water Fund							-	-
GO Bonds							-	-
Installment Financing							-	-
Other							-	-
<b>Total Funding</b>	\$ -	\$ -	\$ 238,000	\$ -	\$ 43,000	\$ 1,188,000	\$ 1,469,000	\$ 1,469,000
<b>Operating Budget Impact</b>								
Personnel							-	-
Operating							-	-
Capital Outlay							-	-
Debt Service							-	-
<b>Total Oper Bdgt Impact</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

#### 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 Town has not yet entered into a municipal agreement with NCDOT; project put on hold due to NCDOT funding issues.

#### 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.

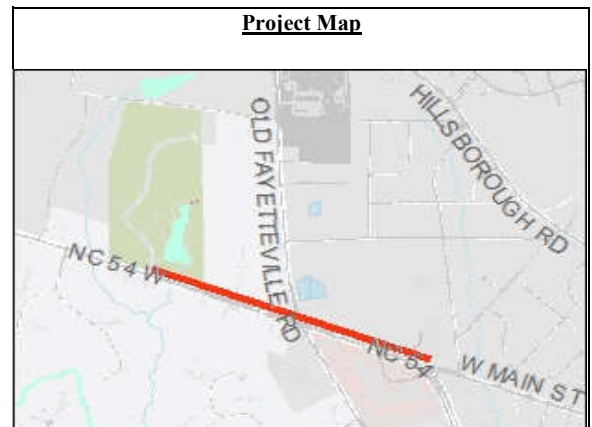
#### Oper Bdgt Impacts & Funding (list grants, matching requirements, etc)

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 FY2019-2029 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
- ☐ 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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#### Project Map





## Town of Carrboro, NC

### Capital Improvement Plan for FY21 thru FY25

Project Title: **Ped Safety Imprvmnts & Bike Plan Implementatn**  
 Location: **Town of Carrboro**  
 Project Status: **Proposed**

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

Proj Start Date: <b>7/1/2020</b>	Finish Date: <b>6/30/2025</b>
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	Previous Funding	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY21-FY25 Total	Project Total
<b>Expenses</b>								
Planning/Design		130,000	110,000	55,200	101,520	96,240	492,960	492,960
Construction		127,000	258,000	169,800	311,480	679,760	1,546,040	1,546,040
Land/ROW				5,000	10,000		15,000	15,000
Equipment/Furnishings							-	-
<b>Total Expenditures</b>	\$ -	\$ 257,000	\$ 368,000	\$ 230,000	\$ 423,000	\$ 776,000	\$ 2,054,000	\$ 2,054,000

#### Appropriations

Intergovernmental Funds							-	-
General Fund							-	-
Capital Project Fund		257,000	368,000	230,000	423,000	776,000	2,054,000	2,054,000
Storm Water Fund							-	-
GO Bonds							-	-
Installment Financing							-	-
Other							-	-
<b>Total Funding</b>	\$ -	\$ 257,000	\$ 368,000	\$ 230,000	\$ 423,000	\$ 776,000	\$ 2,054,000	\$ 2,054,000

#### Operating Budget Impact

Personnel							-	-
Operating		1,000	2,000	3,000	4,000	5,000	15,000	15,000
Capital Outlay							-	-
Debt Service							-	-
<b>Total Oper Bdgt Impact</b>	\$ -	\$ 1,000	\$ 2,000	\$ 3,000	\$ 4,000	\$ 5,000	\$ 15,000	\$ 15,000

#### Description and Benefits

Multiple pedestrian and bicycle safety improvements including: High-visibility crosswalk marking and signage on N Greensboro St @ Pine Street (est \$10K, FY21); Pedestrian Refuge island and RRFB/HAWK signal on W Main St @ Hillsborough Rd (est \$80K, FY22); Pedestrian Refuge island and RRFB/HAWK signal on Hillsborough Rd @ James St (est \$80K, FY21); RRFB or Pedestrian Traffic Signal on N Greensboro St @ Shelton St (\$75K low, \$150K high, FY23); Pedestrian Signals, Curb Extensions, accessible signals for W Main St @ W Weaver St (\$210K, FY24); 2019 Bicycle Plan Priority Projects Implementation: Homestead Rd sidepath sections and crossing (P1: \$200K, FY21 P2: \$400K FY??), Hillsborough @ N Greensboro HAWK, high-vis xwalk and bike markings (\$300K), Shelton Contraflow pavement markings (\$25K, FY21), Bike Lane, intersection markings for W Main St @ Weaver/Laurel w/signal mods (\$200K, FY25). Also includes allocation for N Greensboro/Hillsborough Buffered Bike Lane (\$50K FY21, \$100K FY22)

#### 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.

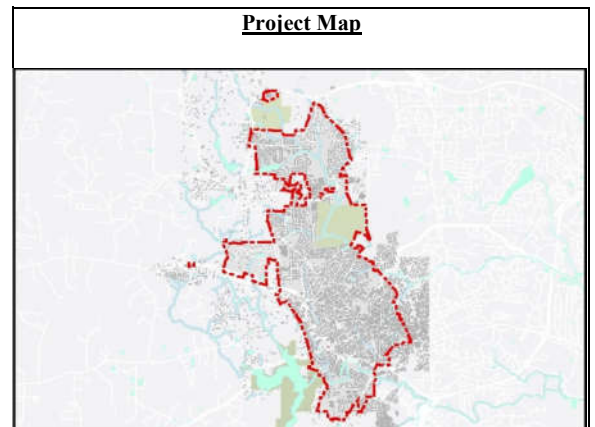
#### Oper Bdgt Impacts & Funding (list grants, matching requirements, etc)

Maintenance costs estimated for crosswalk upkeep and electricity use for pedestrian signals. Lower cost alternatives can be considered which replaces the pedestrian signal @ Shelton with an RRFB (reduce cost by \$80K), bike loops may not be needed if signal is fully pre-timed (reduce cost by \$10K).

#### 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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#### Project Map





## Town of Carrboro, NC

### Capital Improvement Plan for FY21 thru FY25

Project Title: **Town Hall Renovations (Replace Roof)**

Location: **Town Hall**

Project Status: **Existing Project - Additional Funding Programmed**

Project # **20203**

Category: **Public Works**

Fund: **66 - Capital Projects Fund**

Proj Start Date: <b>7/1/2019</b>	Finish Date: <b>11/1/2025</b>
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	Previous Funding	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY21-FY25 Total	Project Total
<b>Expenses</b>								
Planning/Design				350,000	350,000		700,000	700,000
Construction	100,000					6,000,000	6,000,000	6,100,000
Land/ROW							-	-
Equipment/Furnishings							-	-
<b>Total Expenditures</b>	\$ 100,000	\$ -	\$ -	\$ 350,000	\$ 350,000	\$ 6,000,000	\$ 6,700,000	\$ 6,800,000

#### Appropriations

Intergovernmental Funds							-	-
General Fund	100,000						-	100,000
Capital Project Fund							-	-
Storm Water Fund							-	-
GO Bonds							-	-
Installment Financing				350,000	350,000	6,000,000	6,700,000	6,700,000
Other							-	-
<b>Total Funding</b>	\$ 100,000	\$ -	\$ -	\$ 350,000	\$ 350,000	\$ 6,000,000	\$ 6,700,000	\$ 6,800,000

#### Operating Budget Impact

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

#### 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. 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. The FY2020 amount was designated for roof repairs/improvements.

#### 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 issued in January 2025 with the first debt payment starting in FY26.

#### 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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#### Project Map





## Town of Carrboro, NC

### Capital Improvement Plan for FY21 thru FY25

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

Project # **20204**  
 Category: **Public Works**  
 Fund: **66 - Capital Projects Fund**

Proj Start Date: <b>11/1/2019</b>	Finish Date: <b>4/1/2021</b>
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	Previous Funding	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY21-FY25 Total	Project Total
<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>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

#### Description and Benefits

This project consists of replacing and/or maintaining all of the twenty-seven (27) bus shelters in Town. The Town is currently negotiating with Chapel Hill Transit to complete this project.

#### 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.

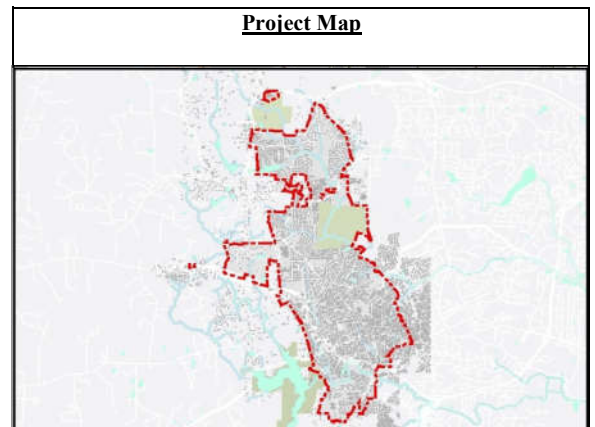
#### Oper Bdgt Impacts & Funding (list grants, matching requirements, etc)

Once the shelters are 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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**Project Map**







## Town of Carrboro, NC

### Capital Improvement Plan for FY21 thru FY25

Project Title: **Unpaved Road Upgrades**

Location: **Roberts Road**

Project Status: **Existing Project - No Additional Funding Programmed**

Proj Start Date: **7/1/2019** Finish Date: **10/1/2020**

Project # **20207**

Category: **Public Works**

Fund: **66 - Capital Projects Fund**

	Previous Funding	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY21-FY25 Total	Project Total
<b>Expenses</b>								
Planning/Design							-	-
Construction	230,000						-	230,000
Land/ROW							-	-
Equipment/Furnishings							-	-
<b>Total Expenditures</b>	\$ 230,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 230,000
<b>Appropriations</b>								
Intergovernmental Funds							-	-
General Fund	230,000						-	230,000
Capital Project Fund							-	-
Storm Water Fund							-	-
GO Bonds							-	-
Installment Financing							-	-
Other							-	-
<b>Total Funding</b>	\$ 230,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 230,000
<b>Operating Budget Impact</b>								
Personnel							-	-
Operating		(10,500)	(10,500)	(10,500)	(10,500)	(10,500)	(52,500)	(52,500)
Capital Outlay							-	-
Debt Service							-	-
<b>Total Oper Bdgt Impact</b>	\$ -	\$ (10,500)	\$ (10,500)	\$ (10,500)	\$ (10,500)	\$ (10,500)	\$ (52,500)	\$ (52,500)

#### Description and Benefits

This project will pave Roberts Road which is currently a dirt road. Public Works has ongoing maintenance and access issues with this road due to the grade and surface. Roberts Road has been identified as the only Town maintained dirt road that causes significant maintenance issues and is in the best interest of the Town to pave. Roberts Road has a steep slope and a sharp turn that causes water to wash away gravel and clog the storm sewer inlet. Solid Waste trucks have issues maneuvering on the road. The result of paving will be improved storm water quality, decreased maintenance costs and better access for Solid Waste pickup, snow plowing and emergency vehicles.

#### Energy Sustainable Measures

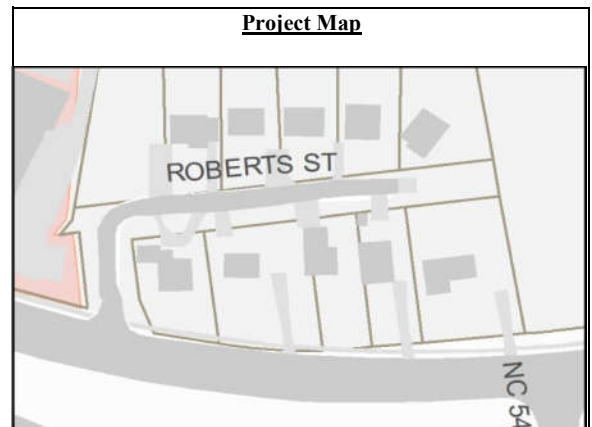
#### Oper Bdgt Impacts & Funding (list grants, matching requirements, etc)

It is expected that residence will partially fund the improvement in accordance with Town precedent.

#### 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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**Project Map**





## Town of Carrboro, NC

### Capital Improvement Plan for FY21 thru FY25

Project Title: **Sidewalk Repairs**  
 Location: **Town of Carrboro**  
 Project Status: **Existing Project - Additional Funding Programmed**

Project # **20208**  
 Category: **Public Works**  
 Fund: **62 - Bond Fund**

Proj Start Date: <b>1/1/2020</b>	Finish Date: <b>6/30/2025</b>
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	<u>Previous Funding</u>	<u>FY 2021</u>	<u>FY 2022</u>	<u>FY 2023</u>	<u>FY 2024</u>	<u>FY 2025</u>	<u>FY21-FY25 Total</u>	<u>Project Total</u>
<b>Expenses</b>								
Planning/Design							-	-
Construction	115,000						-	115,000
Land/ROW							-	-
Equipment/Furnishings							-	-
<b>Total Expenditures</b>	\$ 115,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 115,000

<b>Appropriations</b>								
Intergovernmental Funds							-	-
General Fund							-	-
Capital Project Fund							-	-
Storm Water Fund							-	-
GO Bonds	115,000						-	115,000
Installment Financing							-	-
Other							-	-
<b>Total Funding</b>	\$ 115,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 115,000

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

#### Description and Benefits

A sidewalk and curb ramp condition study was completed in FY 2020 which identified and prioritized sidewalks and curbs in need of repair or replacement. Sidewalk and curb ramp repairs are expected to begin in April 2020. ADA improvements to the sidewalks will also be identified and completed as part of this project.

#### Energy Sustainable Measures

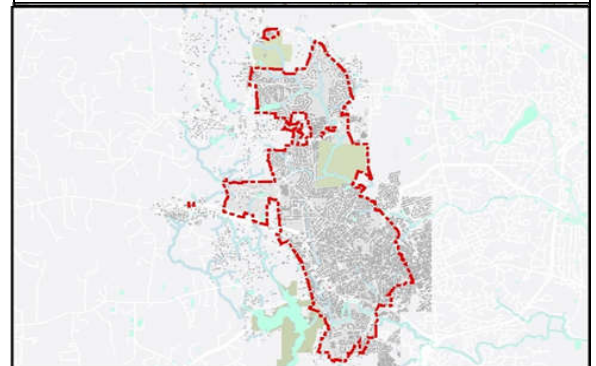
#### Oper Bdgt Impacts & Funding (list grants, matching requirements, etc)

Grant and/or bond funding will be sought.

#### 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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**Project Map**







## Town of Carrboro, NC

### Capital Improvement Plan for FY21 thru FY25

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

Project # **33003**  
 Category: **Public Works**  
 Fund: **66 - Capital Projects Fund**

Proj Start Date: <b>4/1/2020</b>	Finish Date: <b>6/30/2025</b>
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	<u>Previous Funding</u>	<u>FY 2021</u>	<u>FY 2022</u>	<u>FY 2023</u>	<u>FY 2024</u>	<u>FY 2025</u>	<u>FY21-FY25 Total</u>	<u>Project Total</u>
<b>Expenses</b>								
Planning/Design							-	-
Construction	550,000	600,000	600,000	600,000	600,000	600,000	3,000,000	3,550,000
Land/ROW							-	-
Equipment/Furnishings							-	-
<b>Total Expenditures</b>	\$ 550,000	\$ 600,000	\$ 600,000	\$ 600,000	\$ 600,000	\$ 600,000	\$ 3,000,000	\$ 3,550,000
<b>Appropriations</b>								
Intergovernmental Funds		400,000	400,000	400,000	400,000	400,000	2,000,000	2,000,000
General Fund	550,000	200,000	200,000	200,000	200,000	200,000	1,000,000	1,550,000
Capital Project Fund							-	-
Storm Water Fund							-	-
GO Bonds							-	-
Installment Financing							-	-
Other							-	-
<b>Total Funding</b>	\$ 550,000	\$ 600,000	\$ 600,000	\$ 600,000	\$ 600,000	\$ 600,000	\$ 3,000,000	\$ 3,550,000
<b>Operating Budget Impact</b>								
Personnel							-	-
Operating							-	-
Capital Outlay							-	-
Debt Service							-	-
<b>Total Oper Bdgt Impact</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

#### Description and Benefits

Ongoing road resurfacing projects. This annual budget is necessary to keep Carrboro roads from falling into disrepair. Performing resurfacing projects on a 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 2020.

#### Energy Sustainable Measures

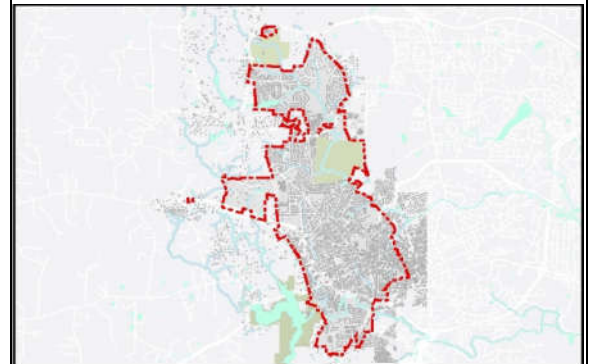
#### Oper Bdgt Impacts & Funding (list grants, matching requirements, etc)

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
- ☐ 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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**Project Map**





## Town of Carrboro, NC

### Capital Improvement Plan for FY21 thru FY25

Project Title: **Rogers Road Sidewalk**

Location: **Rogers Road**

Project Status: **Existing Project - No Additional Funding Programmed**

Project # **55032**

Category: **Public Works**

Fund: **62 - Bond Fund**

Proj Start Date: <b>11/26/2018</b>	Finish Date: <b>6/30/2020</b>
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	<u>Previous Funding</u>	<u>FY 2021</u>	<u>FY 2022</u>	<u>FY 2023</u>	<u>FY 2024</u>	<u>FY 2025</u>	<u>FY21-FY25 Total</u>	<u>Project Total</u>
<b>Expenses</b>								
Planning/Design	182,693						-	182,693
Construction	1,193,880						-	1,193,880
Land/ROW	95,085						-	95,085
Equipment/Furnishings							-	-
<b>Total Expenditures</b>	<b>\$ 1,471,658</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 1,471,658</b>
<b>Appropriations</b>								
Intergovernmental Funds	542,600						-	542,600
General Fund							-	-
Capital Project Fund	143,823						-	143,823
Storm Water Fund							-	-
GO Bonds	785,235						-	785,235
Installment Financing							-	-
Other							-	-
<b>Total Funding</b>	<b>\$ 1,471,658</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 1,471,658</b>
<b>Operating Budget Impact</b>								
Personnel		1,000	1,000	1,000	1,000	1,000	5,000	5,000
Operating							-	-
Capital Outlay							-	-
Debt Service							-	-
<b>Total Oper Bdgt Impact</b>	<b>\$ -</b>	<b>\$ 1,000</b>	<b>\$ 1,000</b>	<b>\$ 1,000</b>	<b>\$ 1,000</b>	<b>\$ 1,000</b>	<b>\$ 5,000</b>	<b>\$ 5,000</b>

#### Description and Benefits

The project consists of the installation of a five-foot wide concrete sidewalk one-mile in length, as well as a new bus pad and shelter, on the west side of Rogers Road. It is anticipated that this project will be completed and closed out by 6/30/20.

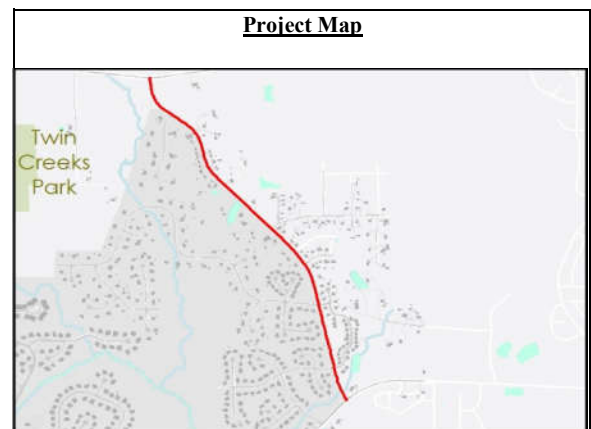
#### Energy Sustainable Measures

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

The project has been part of the Town's CIP and is funded with a combination of bond funds and STP-DA funds.

#### 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 FY21 thru FY25

Project Title: **LED Streetlights**  
 Location: **Town of Carrboro**  
 Project Status: **Existing Project - No Additional Funding Programmed**

Project # **66041**  
 Category: **Public Works**  
 Fund: **66 - Capital Projects Fund**

Proj Start Date: <b>1/1/2019</b>	Finish Date: <b>6/30/2020</b>
----------------------------------	-------------------------------

	Previous Funding	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY21-FY25 Total	Project Total
<b>Expenses</b>								
Planning/Design							-	-
Construction	40,000						-	40,000
Land/ROW							-	-
Equipment/Furnishings							-	-
<b>Total Expenditures</b>	\$ 40,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 40,000

<b>Appropriations</b>								
Intergovernmental Funds							-	-
General Fund	40,000						-	40,000
Capital Project Fund							-	-
Storm Water Fund							-	-
GO Bonds							-	-
Installment Financing							-	-
Other							-	-
<b>Total Funding</b>	\$ 40,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 40,000

<b>Operating Budget Impact</b>								
Personnel							-	-
Operating		(2,629)	(2,629)	(2,629)	(2,629)	(2,629)	(13,145)	(13,145)
Capital Outlay							-	-
Debt Service							-	-
<b>Total Oper Bdgt Impact</b>	\$ -	\$ (2,629)	\$ (2,629)	\$ (2,629)	\$ (2,629)	\$ (2,629)	\$ (13,145)	\$ (13,145)

#### Description and Benefits

This project involves replacing light fixtures, on Town maintained streets, with LED lights, which typically last over 100,000 hours, or 20+ years, and feature a “plug and play” electrical system which lowers maintenance costs.

The LED conversion is complete, but Public Works is still evaluating the new streetlights. Modifications are possible which may have minor costs associated (example: shield installations cost \$80 each).

#### Energy Sustainable Measures

This project offers significant energy efficiency improvements. LED lighting is on average 50% more efficient than current standard lighting fixtures (High Pressure Sodium or Mercury Vapor), yielding a payback period for capital investment of 12 years. Street lighting is a large contribution to all municipal emissions (22%).

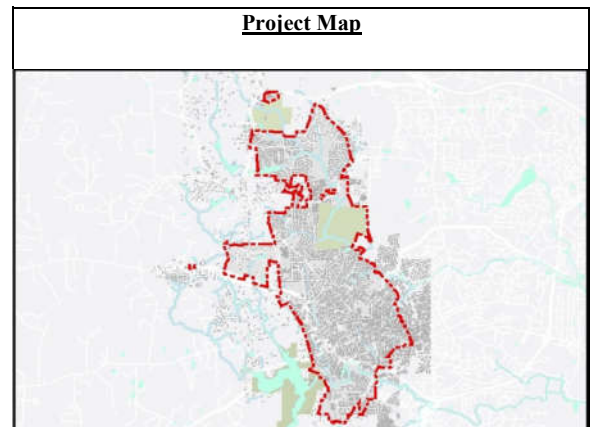
#### Oper Bdgt Impacts & Funding (list grants, matching requirements, etc)

It is anticipated that the overall impact would result in savings in the annual operating budget equivalent to the capital cost incurred within roughly twelve years.

#### 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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**Project Map**





## Town of Carrboro, NC

### Capital Improvement Plan for FY21 thru FY25

Project Title: **Wayfinder - Town Signage**  
 Location: **Town of Carrboro**  
 Project Status: **Proposed**

Project # **PW1**  
 Category: **Public Works**  
 Fund: **66 - Capital Projects Fund**

Proj Start Date: <b>7/1/2020</b>	Finish Date: <b>10/1/2023</b>
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	<u>Previous Funding</u>	<u>FY 2021</u>	<u>FY 2022</u>	<u>FY 2023</u>	<u>FY 2024</u>	<u>FY 2025</u>	<u>FY21-FY25 Total</u>	<u>Project Total</u>
<b>Expenses</b>								
Planning/Design							-	-
Construction		100,000	150,000	150,000			400,000	400,000
Land/ROW							-	-
Equipment/Furnishings							-	-
<b>Total Expenditures</b>	\$ -	\$ 100,000	\$ 150,000	\$ 150,000	\$ -	\$ -	\$ 400,000	\$ 400,000
<b>Appropriations</b>								
Intergovernmental Funds		50,000	50,000	50,000			150,000	150,000
General Fund							-	-
Capital Project Fund		50,000	100,000	100,000			250,000	250,000
Storm Water Fund							-	-
GO Bonds							-	-
Installment Financing							-	-
Other							-	-
<b>Total Funding</b>	\$ -	\$ 100,000	\$ 150,000	\$ 150,000	\$ -	\$ -	\$ 400,000	\$ 400,000
<b>Operating Budget Impact</b>								
Personnel							-	-
Operating					20,000	20,000	40,000	40,000
Capital Outlay							-	-
Debt Service							-	-
<b>Total Oper Bdgt Impact</b>	\$ -	\$ -	\$ -	\$ -	\$ 20,000	\$ 20,000	\$ 40,000	\$ 40,000

#### Description and Benefits

Wayfinding refers to information systems that guide people through a physical environment and enhance their understanding and experience of the space. This is very useful in urban environments like downtown Carrboro. The project would create uniform signage throughout the town. The signs will be informative and aesthetically pleasing, leading to an improved Carrboro experience for visitors and residents. A \$52,600 contract with Axia Creative was approved and funded in the FY18 operational budget for graphic design conceptual concept for the wayfinding.

#### Energy Sustainable Measures

The town would be more walkable and likely lead to less driving around searching for parking, etc.

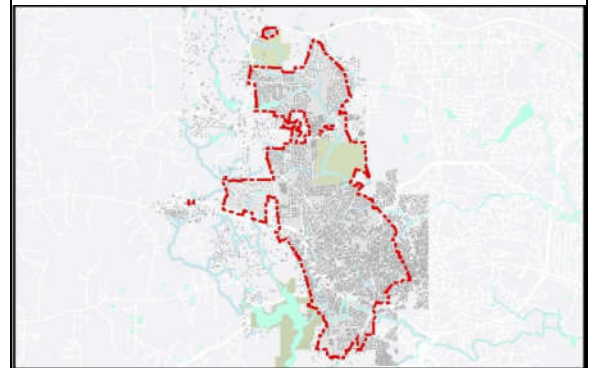
#### Oper Bdgt Impacts & Funding (list grants, matching requirements, etc)

Increased maintenance of signage - Repair and Replacement costs.  
 Potential for additional funding from economic development, tourism and transportation budgets.

#### 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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**Project Map**





## Town of Carrboro, NC

### Capital Improvement Plan for FY21 thru FY25

Project Title: **Playground Equipment Repair and Replacement**  
 Location: **Town Parks**  
 Project Status: **Proposed**

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

Proj Start Date: **7/1/2020** Finish Date: **6/30/2021**

	<u>Previous Funding</u>	<u>FY 2021</u>	<u>FY 2022</u>	<u>FY 2023</u>	<u>FY 2024</u>	<u>FY 2025</u>	<u>FY21-FY25 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		100,000					100,000	100,000
Storm Water Fund							-	-
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>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

#### Description and Benefits

This project will repair and replace playground equipment at the Town parks, as needed. Several deficiencies, including safety items, have been identified by Public Works and the Town's contracted playground equipment inspector. Repairs will be made to aging equipment and playground surfaces will be redone to be in compliance with applicable codes and guidelines. The Town owns and maintains seven (7) play equipment sets of various sizes and ages.

#### Energy Sustainable Measures

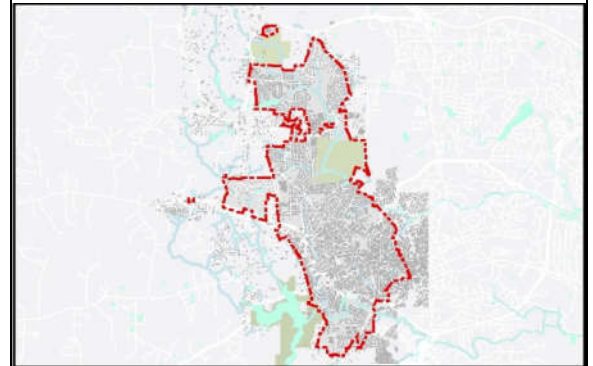
#### Oper Bdgt Impacts & Funding (list grants, matching requirements, etc)

No impact on operating budgets is expected

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

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**Project Map**





## Town of Carrboro, NC

### Capital Improvement Plan for FY21 thru FY25

Project Title: **Century Center Renovation**  
 Location: **Century Center**  
 Project Status: **Proposed**

Project # **PW3**  
 Category: **Public Works**  
 Fund: **66 - Capital Projects Fund**

Proj Start Date: **7/1/2021**      Finish Date: **11/30/2024**

	<b>Previous Funding</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY21-FY25 Total</b>	<b>Project Total</b>
<b>Expenses</b>								
Planning/Design			100,000				100,000	100,000
Construction				900,000	1,000,000		1,900,000	1,900,000
Land/ROW							-	-
Equipment/Furnishings							-	-
<b>Total Expenditures</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 100,000</b>	<b>\$ 900,000</b>	<b>\$ 1,000,000</b>	<b>\$ -</b>	<b>\$ 2,000,000</b>	<b>\$ 2,000,000</b>

#### Appropriations

Intergovernmental Funds							-	-
General Fund							-	-
Capital Project Fund			100,000	900,000	1,000,000		2,000,000	2,000,000
Storm Water Fund							-	-
GO Bonds							-	-
Installment Financing							-	-
Other							-	-
<b>Total Funding</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 100,000</b>	<b>\$ 900,000</b>	<b>\$ 1,000,000</b>	<b>\$ -</b>	<b>\$ 2,000,000</b>	<b>\$ 2,000,000</b>

#### Operating Budget Impact

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

#### Description and Benefits

This project consists of renovating Century Center's entire 23,000 Square Feet. Cost estimate of \$125/sf based on the Space Needs Assessment performed by Creech and Associates in 2016. This project will allow for the continued use of the historically significant and centrally located Century Center building, while upgrading the space to more effectively meet the town's needs.

The space the police station currently has is inadequate. The infrastructure of the Century Center is outdated and falling into disrepair. This project will repurpose the Century Center after the "203 project" is complete.

#### Energy Sustainable Measures

The building performance would greatly improve, leading to less energy consumption.

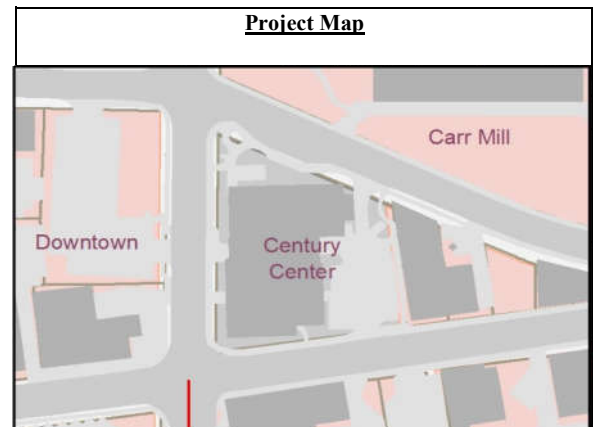
#### Oper Bdg Impacts & Funding (list grants, matching requirements, etc)

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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**Project Map**





## Town of Carrboro, NC

### Capital Improvement Plan for FY21 thru FY25

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: **7/1/2021** Finish Date: **6/30/2024**

	Previous Funding	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY21-FY25 Total	Project Total
<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

#### Appropriations

Intergovernmental Funds							-	-
General Fund							-	-
Capital Project Fund			1,000,000	1,000,000			2,000,000	2,000,000
Storm Water Fund							-	-
GO Bonds							-	-
Installment Financing							-	-
Other							-	-
<b>Total Funding</b>	\$ -	\$ -	\$ 1,000,000	\$ 1,000,000	\$ -	\$ -	\$ 2,000,000	\$ 2,000,000

#### Operating Budget Impact

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

#### 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. The Fire Station has not had interior improvements in a long time. 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
- ☐ 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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**Project Map**







## Town of Carrboro, NC

### Capital Improvement Plan for FY21 thru FY25

Project Title: **Public Works Renovation/Relocation**  
 Location: **TBD**  
 Project Status: **Proposed**

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

Proj Start Date: **7/1/2020** Finish Date: **6/30/2024**

	Previous Funding	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY21-FY25 Total	Project Total
<b>Expenses</b>								
Planning/Design				130,000			130,000	130,000
Construction					6,000,000		6,000,000	6,000,000
Land/ROW		400,000					400,000	400,000
Equipment/Furnishings					100,000		100,000	100,000
<b>Total Expenditures</b>	\$ -	\$ 400,000	\$ -	\$ 130,000	\$ 6,100,000	\$ -	\$ 6,630,000	\$ 6,630,000
<b>Appropriations</b>								
Intergovernmental Funds				130,000	6,100,000		6,230,000	6,230,000
General Fund							-	-
Capital Project Fund		400,000					400,000	400,000
Storm Water Fund							-	-
GO Bonds							-	-
Installment Financing							-	-
Other							-	-
<b>Total Funding</b>	\$ -	\$ 400,000	\$ -	\$ 130,000	\$ 6,100,000	\$ -	\$ 6,630,000	\$ 6,630,000
<b>Operating Budget Impact</b>								
Personnel							-	-
Operating							-	-
Capital Outlay							-	-
Debt Service							-	-
<b>Total Oper Bdgt Impact</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

#### Description and Benefits

This project entails relocating the Public Works facility to a different location that is away from the flood plane. 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. Land acquisition cost is based on a property that is currently for sale off of NC54 for \$360K.

#### 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.

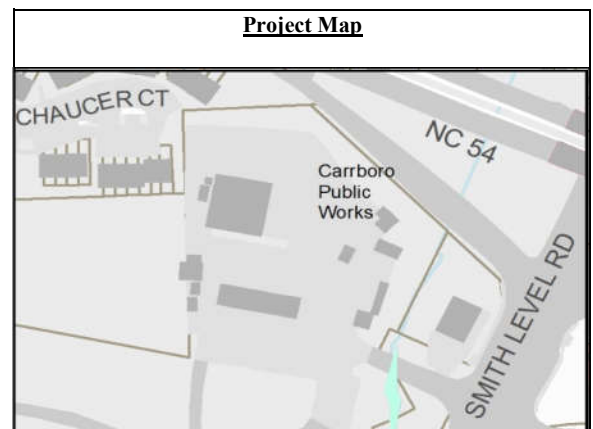
#### Oper Bdgt Impacts & Funding (list grants, matching requirements, etc)

Potential for FEMA to fund entire or partial project. Design and construction amounts included above reflect 100% 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
- ☐ 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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#### Project Map







## Town of Carrboro, NC

### Capital Improvement Plan for FY21 thru FY25

Project Title: **MLK Jr. Park Construction Design**  
 Location: **1120 Hillsborough Road**  
 Project Status: **Existing Project - No Additional Funding Programmed**

Project # **66044**  
 Category: **Recreation and Parks**  
 Fund: **66 - Capital Projects Fund**

Proj Start Date: **1/17/2018** Finish Date: **1/7/2020**

	Previous Funding	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY21-FY25 Total	Project Total
<b>Expenses</b>								
Planning/Design	183,200						-	183,200
Construction	2,577,996						-	2,577,996
Land/ROW							-	-
Equipment/Furnishings							-	-
<b>Total Expenditures</b>	<b>\$ 2,761,196</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 2,761,196</b>

<b>Appropriations</b>								
Intergovernmental Funds							-	-
General Fund	2,561,196						-	2,561,196
Capital Project Fund							-	-
Storm Water Fund							-	-
GO Bonds	200,000						-	200,000
Installment Financing							-	-
Other							-	-
<b>Total Funding</b>	<b>\$ 2,761,196</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 2,761,196</b>

<b>Operating Budget Impact</b>								
Personnel							-	-
Operating	5,000	22,000	44,000	44,000	44,000	44,000	198,000	203,000
Capital Outlay							-	-
Debt Service							-	-
<b>Total Oper Bdgt Impact</b>	<b>\$ 5,000</b>	<b>\$ 22,000</b>	<b>\$ 44,000</b>	<b>\$ 44,000</b>	<b>\$ 44,000</b>	<b>\$ 44,000</b>	<b>\$ 198,000</b>	<b>\$ 203,000</b>

#### Description and Benefits

The Town purchased 9.5 acres of land in the Hillsborough Road/Pathway Drive and designated it as a neighborhood park. On June 15, 2004, the Board of Aldermen approved a park design and officially named the park Martin Luther King, Jr. Park. While the original master plan has not been implemented, a community garden has been established at the park and the Park is used for walking and informal field play. The original master plan is currently being updated. In addition to enlarging the community garden, possible amenities being considered for the park are trails, restroom, picnic shelters, pavilions, a playground, amphitheater, sculpture garden, meditation garden, enhancing wetlands for environmental education, and a pollinator garden. Wilson Park is the closest neighborhood park in this area; however, the service radius neither serves the neighborhoods that the MLK Park is intended to serve. The development of Martin Luther King, Jr. Park will serve neighborhoods in the northern area and accommodate the ultimate growth north of Hillsborough Road from the Old Fayetteville to Calvander intersection. Currently, there is not a neighborhood park available for the northern area of Town.

#### Energy Sustainable Measures

Rain barrels will be placed at all structures so rain can be used in the community garden and by Public Works as needed.

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

Additional personnel, equipment, and supplies will be needed to maintain the park grounds. Project completion is expected by early 2020.

#### 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 FY21 thru FY25

Project Title: **Broad St. Culvert Replacement**

Location: **408 Broad Street**

Project Status: **Existing Project - Additional Funding Programmed**

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

Project # **81001**

Category: **Storm Water**

Fund: **80 - Storm Water Fund**

	Previous Funding	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY21-FY25 Total	Project Total
<b>Expenses</b>								
Planning/Design	20,000						-	20,000
Construction		150,000					150,000	150,000
Land/ROW							-	-
Equipment/Furnishings							-	-
<b>Total Expenditures</b>	\$ 20,000	\$ 150,000	\$ -	\$ -	\$ -	\$ -	\$ 150,000	\$ 170,000

#### Appropriations

Intergovernmental Funds							-	-
General Fund							-	-
Capital Project Fund							-	-
Storm Water Fund	20,000	150,000					150,000	170,000
GO Bonds							-	-
Installment Financing							-	-
Other							-	-
<b>Total Funding</b>	\$ 20,000	\$ 150,000	\$ -	\$ -	\$ -	\$ -	\$ 150,000	\$ 170,000

#### Operating Budget Impact

Personnel							-	-
Operating			(250)	(250)	(250)	(250)	(1,000)	(1,000)
Capital Outlay							-	-
Debt Service							-	-
<b>Total Oper Bdgt Impact</b>	\$ -	\$ -	\$ (250)	\$ (250)	\$ (250)	\$ (250)	\$ (1,000)	\$ (1,000)

#### 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 properties during major storms. The proposed replacement is based on a study by Sungate in 2013, with updated costs for 2018. A hydrology study from Sungate is planned for FY 18/19 prior to final design. Note: if the project is delayed, it is possible that the pipe could completely fail and an emergency repair/replacement would be required. Note that this project has not been submitted to the CIP for previous funding, and may not need to be based on the amount of the anticipated expense. It is included to initiate management review as quickly as possible. It is recommended that Sungate Engineering complete preliminary engineering work in the second half of FY 2019/20 using Storm water operating budget funds.

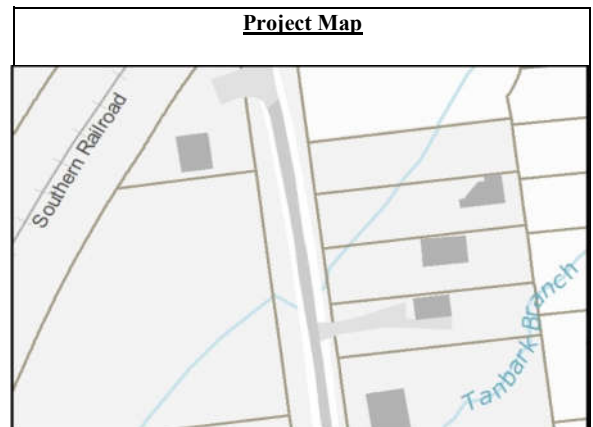
#### Energy Sustainable Measures

#### 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
- ☐ 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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- ☐ Managing and encouraging orderly implementation of Town adopted needs assessments, strategic and program master plans





## Town of Carrboro, NC

### Capital Improvement Plan for FY21 thru FY25

Project Title: **Public Works Stream Restoration**  
 Location: **100 Public Works Drive**  
 Project Status: **Existing Project - Additional Funding Programmed**

Project # **81002**  
 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 2021</u>	<u>FY 2022</u>	<u>FY 2023</u>	<u>FY 2024</u>	<u>FY 2025</u>	<u>FY21-FY25 Total</u>	<u>Project Total</u>
<b>Expenses</b>								
Planning/Design	80,000						-	80,000
Construction		275,000					275,000	275,000
Land/ROW							-	-
Equipment/Furnishings							-	-
<b>Total Expenditures</b>	<b>\$ 80,000</b>	<b>\$ 275,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 275,000</b>	<b>\$ 355,000</b>
<b>Appropriations</b>								
Intergovernmental Funds		196,300					196,300	196,300
General Fund							-	-
Capital Project Fund							-	-
Storm Water Fund	80,000	78,700					78,700	158,700
GO Bonds							-	-
Installment Financing							-	-
Other							-	-
<b>Total Funding</b>	<b>\$ 80,000</b>	<b>\$ 275,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 275,000</b>	<b>\$ 355,000</b>
<b>Operating Budget Impact</b>								
Personnel							-	-
Operating							-	-
Capital Outlay							-	-
Debt Service							-	-
<b>Total Oper Bdgt Impact</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>

#### Description and Benefits

The stream that runs between Smith Level Road and Public Works has experienced excessive stream bank erosion in general in recent years, with a significant impact from Hurricane Florence. This erosion is not only undesirable from an environmental perspective, it also presents 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 cost estimates provided include the active preliminary engineering work and a preliminary construction estimate. Staff are pursuing FEMA Public Assistance funds; actual funding has not been obligated and is uncertain. It is anticipated that the Town will be reimbursed for the engineering costs and 50% or more of the construction costs.

#### Energy Sustainable Measures

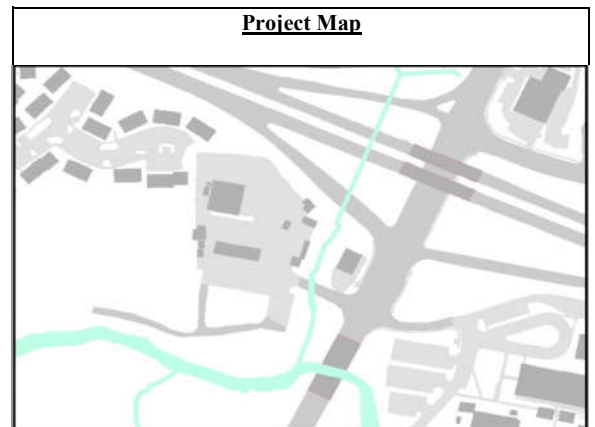
#### Oper Bdgt Impacts & Funding (list grants, matching requirements, etc)

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
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**Project Map**





## Town of Carrboro, NC

### Capital Improvement Plan for FY21 thru FY25

Project Title: **Green Infrastructure Project(s) TBD**

Location: **TBD**

Project Status: **Proposed**

Project # **SW-1**

Category: **Storm Water**

Fund: **80 - Storm Water Fund**

Proj Start Date: <b>7/1/2022</b>	Finish Date: <b>6/30/2024</b>
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	Previous Funding	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY21-FY25 Total	Project Total
<b>Expenses</b>								
Planning/Design			50,000				50,000	50,000
Construction				140,000			140,000	140,000
Land/ROW							-	-
Equipment/Furnishings							-	-
<b>Total Expenditures</b>	\$ -	\$ -	\$ 50,000	\$ 140,000	\$ -	\$ -	\$ 190,000	\$ 190,000

#### Appropriations

Intergovernmental Funds							-	-
General Fund							-	-
Capital Project Fund							-	-
Storm Water Fund			50,000	140,000			190,000	190,000
GO Bonds							-	-
Installment Financing							-	-
Other							-	-
<b>Total Funding</b>	\$ -	\$ -	\$ 50,000	\$ 140,000	\$ -	\$ -	\$ 190,000	\$ 190,000

#### Operating Budget Impact

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

#### Description and Benefits

This project entails the planning/design and construction involved in new green infrastructure projects for Town maintained property and rights-of-way. The exact green infrastructure practices and locations are to be determined and will depend on policy and administrative direction and community input. Examples of potential practices include: permeable pavement; bioretention bump outs; tree planters with stormwater filtration; riparian/stream repair/restoration projects; impervious removal or disconnection.

#### Energy Sustainable Measures

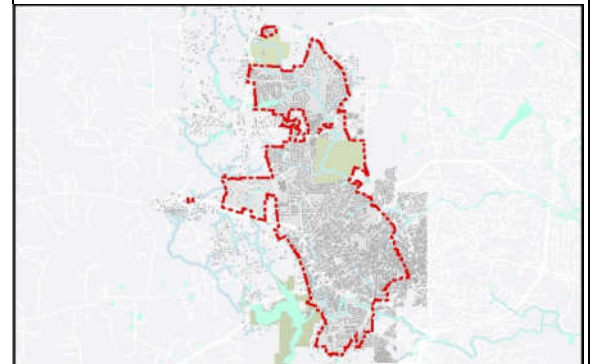
#### Oper Bdgt Impacts & Funding (list grants, matching requirements, etc)

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
- ☒ Complying with State and Federal mandates
- ☒ Incorporating energy and climate protection strategies
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#### Project Map





## Town of Carrboro, NC

### Capital Improvement Plan for FY21 thru FY25

Project Title: **Grey Infrastructure Project(s) TBD**

Location: **TBD**

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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	Previous Funding	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY21-FY25 Total	Project Total
<b>Expenses</b>								
Planning/Design			50,000		65,000		115,000	115,000
Construction				190,000		230,000	420,000	420,000
Land/ROW							-	-
Equipment/Furnishings							-	-
<b>Total Expenditures</b>	\$ -	\$ -	\$ 50,000	\$ 190,000	\$ 65,000	\$ 230,000	\$ 535,000	\$ 535,000

#### Appropriations

Intergovernmental Funds							-	-
General Fund							-	-
Capital Project Fund							-	-
Storm Water Fund			50,000	190,000	65,000	230,000	535,000	535,000
GO Bonds							-	-
Installment Financing							-	-
Other							-	-
<b>Total Funding</b>	\$ -	\$ -	\$ 50,000	\$ 190,000	\$ 65,000	\$ 230,000	\$ 535,000	\$ 535,000

#### Operating Budget Impact

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

#### 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 exact practices and locations are to be determined and will depend on policy and administrative direction and community input. Examples of potential practices include culvert replacement, rehabilitation, or repair and other improvements to the stormwater conveyance infrastructure.

#### Energy Sustainable Measures

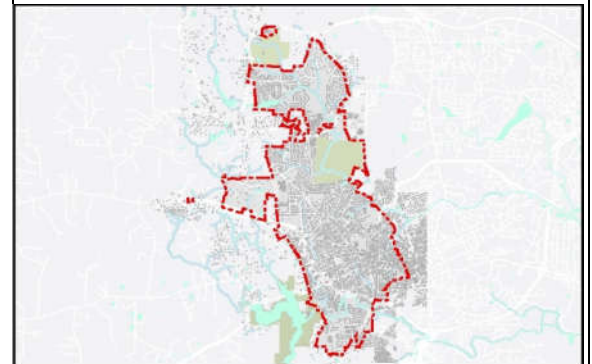
#### Oper Bdgt Impacts & Funding (list grants, matching requirements, etc)

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
- ☒ Complying with State and Federal mandates
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**Project Map**





## Town of Carrboro, NC

### Capital Improvement Plan for FY21 thru FY25

Project Title: **Anderson Park Storm Water Retrofits**

Location: **Anderson Park**

Project Status: **Proposed**

Project # **SW-3**

Category: **Storm Water**

Fund: **80 - Storm Water Fund**

Proj Start Date: **7/1/2022** Finish Date: **6/30/2025**

	<u>Previous Funding</u>	<u>FY 2021</u>	<u>FY 2022</u>	<u>FY 2023</u>	<u>FY 2024</u>	<u>FY 2025</u>	<u>FY21-FY25 Total</u>	<u>Project Total</u>
<b>Expenses</b>								
Planning/Design				60,000			60,000	60,000
Construction					150,000	160,000	310,000	310,000
Land/ROW							-	-
Equipment/Furnishings							-	-
<b>Total Expenditures</b>	\$ -	\$ -	\$ -	\$ 60,000	\$ 150,000	\$ 160,000	\$ 370,000	\$ 370,000

#### Appropriations

Intergovernmental Funds							-	-
General Fund							-	-
Capital Project Fund							-	-
Storm Water Fund				60,000	150,000	160,000	370,000	370,000
GO Bonds							-	-
Installment Financing							-	-
Other							-	-
<b>Total Funding</b>	\$ -	\$ -	\$ -	\$ 60,000	\$ 150,000	\$ 160,000	\$ 370,000	\$ 370,000

#### Operating Budget Impact

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

#### Description and Benefits

Sungate has completed concept plans for storm water retrofits that have been identified in the CIP since 2015. 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; are the most cost effective of all retrofits that have been identified over the past 15 years; and "lead by example" with the types of projects to encourage others in the community to pursue. The project includes bio retention cells and a water quality swale.

#### Energy Sustainable Measures

#### Oper Bdgt 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
- ☒ Complying with State and Federal mandates
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#### Project Map







## Town of Carrboro, NC

### Capital Improvement Plan for FY21 thru FY25

Project Title: **Morgan Creek Stream Restoration**

Project # **SW-4**

Location: **Adjacent to Town Land/Greenway Site & Berryhill Neighborhood**

Category: **Storm Water**

Project Status: **Proposed**

Fund: **80 - Storm Water Fund**

Proj Start Date: <b>7/1/2024</b>	Finish Date: <b>6/30/2027</b>
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	Previous Funding	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY21-FY25 Total	Project Total
<b>Expenses</b>								
Planning/Design						50,000	50,000	50,000
Construction							-	-
Land/ROW							-	-
Equipment/Furnishings							-	-
<b>Total Expenditures</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 50,000	\$ 50,000	\$ 50,000

#### Appropriations

Intergovernmental Funds							-	-
General Fund							-	-
Capital Project Fund							-	-
Storm Water Fund						50,000	50,000	50,000
GO Bonds							-	-
Installment Financing							-	-
Other							-	-
<b>Total Funding</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 50,000	\$ 50,000	\$ 50,000

#### Operating Budget Impact

Personnel							-	-
Operating							-	-
Capital Outlay							-	-
Debt Service							-	-
<b>Total Oper Bdgt 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 both, the crossing, and for protecting adjacent residents' land.

#### 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

☒ 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

**Project Map**

