TOWN OF WAKE FOREST

Capital Improvements Plan Update

2022 - 2027

TOWN *of* WAKE FOREST

TOWN *of*
WAKE FOREST

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Memo

To: Mayor and Board of Commissioners

From: Kip Padgett, Town Manager KDP

CC: Department Directors; Ben Blevins; Candace Davis; Allison Snyder

Date: January 4, 2022

Re: 2022 – 2027 Capital Improvement Plan (CIP)

Attached for your review is the above referenced CIP. The plan identifies needs in the amount of $169 million with an estimated operating impact of $32.4 million. Many of the projects identified will require funding through grants, bond proceeds, installment purchase agreements and general fund revenues.

For the upcoming fiscal year (2022 – 2023) the funding request is $17.1 million. As you look specifically at the year one requests, you will notice that most of the Level A projects continue to focus on maintenance of our current assets including LED conversion of streetlights.

As you begin to review this document, please remember needs over the next five years and beyond are identified. After year one, it becomes more difficult to project cost estimates, which is why we update the plan annually. Although the rankings are based on a prioritization system, some have been adjusted based on management recommendations. However, it is important to note the Board has final authority in the rankings of the projects.

Within the CIP, there is a page dedicated to the American Rescue Plan Act (ARPA) funding. There are also potential projects throughout the CIP that are identified for inclusion in an upcoming bond referendum in November 2022. These projects serve as a placeholder and will be discussed in further detail at your January 21 retreat. Based on Board input and prioritization, these project pages within the CIP may be adjusted.

Typically, we have funded approximately $3 million annually for our CIP program. The final numbers for year one will be presented within the Town Manager's proposed budget for 2022 – 2023 and will be funded according to the approved priority rankings.

Staff will be present at your CIP work session on February 1 to provide a general overview of the proposed year one projects, as well as answer any questions. I would like to express my appreciation to Aileen Staples, Ben Blevins and Department Directors for their efforts in compiling this year's CIP update. Please let me know if you have any questions. Thanks.

TOWN OF WAKE FOREST

CAPITAL IMPROVEMENT PLAN

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INTRODUCTION

DEFINITION: The Capital Improvements Plan (CIP) is a five-year plan identifying the Town's capital improvement needs. As a long-range plan, the CIP reflects the Town's policy regarding long range physical and economic development. By providing a planned schedule of public improvements, the CIP outlines present and future public needs and priorities. A capital improvement is defined as any expenditure for equipment, buildings, infrastructure, land acquisition, plan or project in which the cost exceeds $25,000 and the estimated useful life is greater than 1 year.

CAPITAL IMPROVEMENT PLAN PROCESS: Capital project planning is an ongoing process. Each year the CIP document is updated. The need or idea for capital improvements can originate from the Mayor, Board, Citizens, or Town staff. These items are compiled into this document and presented to the Board of Commissioners on an annual basis. Through the annual planning retreat and work session(s), the Board focuses on prioritizing the first year's expenditures. Once the CIP is approved, it outlines the Town's official commitment to funding these expenditures in the upcoming budget. During the annual budget process in the spring, the first-year projects are refined and a financing plan is put into place within the budget to fund those expenditures.

FUNCTIONS OF THE CIP: A CIP must be updated each year. Adopting a CIP does not end with the first year. Changing needs and priorities, emergencies, cost changes, mandates and changes in technology all require the CIP to be updated annually. The Town's public facilities, streets, parks, infrastructure, equipment, etc., are constantly in need of repair, replacement or expansion. A growing population will require additional or new facilities. These reasons require that the CIP be updated to maintain the financial solidity of the Town. The Town of Wake Forest's staff has updated the CIP each year since adopting the first document in 1985. The CIP achieves the following objectives as a component of the Town's budget and financial planning process:

- Reduces the need for “crash programs” to finance the construction of Town facilities
- Focuses attention on community goals, needs and capabilities
- Achieves optimum use of taxpayer dollars
- Guides future community growth and development
- Advance planning ensures that projects are well thought out in advance of construction
- Provides for the orderly replacement of capital items
- Encourages a more efficient governmental administration as well as maintains a sound and stable financial program

CAPITAL IMPROVEMENT PLAN – FISCAL POLICY EXCERPT:

- The Town will prioritize all capital improvements in accordance with an adopted Capital Improvement Plan (CIP).
- The Town will develop a five-year plan for capital improvements and review capital
- improvements and review and update annually.
- The Town will coordinate development of the capital improvements program with development of the operating budget.
- The Town will use intergovernmental assistance to finance only those capital improvements that are consistent with the capital improvement plan and Town priorities.
- The Town will maintain all its assets at a level adequate to protect the Town’s capital investment and to minimize future maintenance and replacement costs.
- The Town will identify the estimated costs and potential funding sources for each capital project proposal before it is submitted for approval.
- The Town will attempt to determine the least costly and most flexible method for all new projects.
- Additional information on the CIP will be highlighted within the Capital Improvements section of the annual budget document.

PUBLIC ART ORDINANCE – OVERVIEW: The Town of Wake Forest recognizes the importance of facilitating the creation and installation of art for public spaces that evokes social and aesthetic interaction. It is intended that works of Public Art will enliven public space, promote community identity and sense of place, and contribute to a vibrant and engaging Town. The goal for the Public Art Program is a transparent and directed public process for commissioning and acquiring art for public spaces that will contribute to the Town’s cultural and economic vitality. The allocation will be calculated at one percent (1%) of the total eligible project cost. Eligible projects under this ordinance include architectural and engineering fees, site work, direct construction costs and contingency allowances for a Capital Project, but shall exclude land or building acquisitions, taxes, legal fees, insurance costs, costs of compliance with regulatory requirements, and other costs unrelated to actual construction; and shall also exclude the cost of subsequent changes to the project unless any single subsequent changes exceeds fifteen (15%) percent of the initial budgeted cost of the Capital Project.

MAINTENANCE OF TOWN ASSETS: Capital assets include major government facilities, infrastructure, equipment and networks that enable the delivery of public sector services. The performance and continued use of these capital assets is essential to the health, safety, economic development and quality of life of those receiving services.

Budgetary pressures often impede capital program expenditures or investments for maintenance and replacement, making it increasingly difficult to sustain the asset in a condition necessary to provide expected service levels. Ultimately, deferring essential maintenance or asset replacement could reduce the organizations ability to provide services and could threaten public health, safety and overall quality of life. In addition, as the physical condition of the asset declines, deferring maintenance and/or replacement could increase long-term costs and liabilities.

It is with this in mind that the town staff has implemented an "Asset Maintenance" section. This section is used to present planned maintenance projects that bear significant financial implications, which will allow management to better plan for the town's future needs. The overall CIP document is used to account for upcoming projects, expansion of those currently and major financial purchases. However, as the town continues to sufficiently manage the operating costs the need to maintain our aging assets remains.

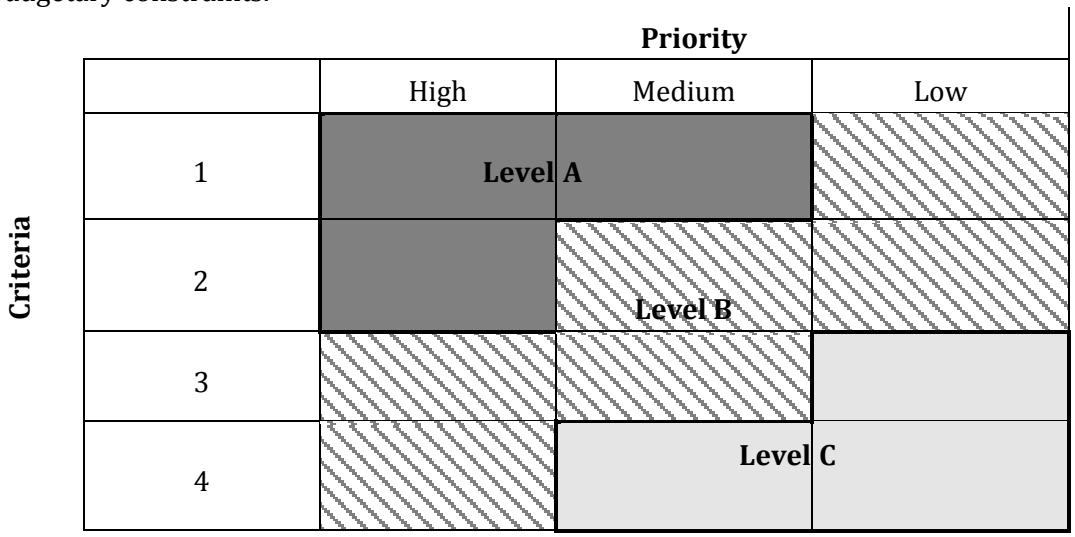
VEHICLE REPLACEMENT: In addition to the other capital improvement projects included in the CIP Update, there are other major types of vehicles and equipment which are a substantial financial investment and need to be handled in the most economic manner. Therefore, the Town chooses to incorporate these items into the CIP update. Vehicles and/or equipment are evaluated primarily based on age, mileage operation & maintenance cost. There are, however, several additional factors which must be considered in determining these replacements: fuel costs, condition, safety, life of equipment, etc.

THE CIP UPDATE: The document that follows is the update to the CIP and covers the (5) fiscal years 2022-23 through 2026-27. This document contains capital expenditure requests from each department/division for items that cost over $25,000 and generally have a useful life of five (5) years or more.

This section of the CIP includes a description of the prioritization system, a summary by funding level for the fiscal year 2022-23 and a summary by department/division and fund for each of the five fiscal years. The remainder of the document contains summary information for each department/division with the supporting information on capital project request forms.

PRIORITIZATION SYSTEM

PRIORITIZATION MATRIX: The priority system includes a matrix shown below. This system was developed to assist in the setting of priorities for capital expenditures because not all requests can be funded in any given year due to budgetary constraints.



The matrix contains a measure of priority on the horizontal axis and a determination of criteria category on the vertical axis. **Priorities** of the capital projects are measured as high, medium or low as follows:

HIGH: Project mandated by local, state, or federal regulations, or
Project is a high priority of the Town Board, or
Project substantially reduces losses or increases revenues.

MEDIUM: Project maintains existing service levels, or
Project results in better efficiency or service delivery, or
Project reduces operational costs, or
Project improves work force morale.

LOW: Project is not mandated, or
Project improves service levels, or
Project improves quality of life.

CRITERIA CATEGORIES:

I. **Health/Safety/Welfare -** projects that protect the health, safety and welfare of the community and the employees serving it.
II. **Maintenance/Replacement** - projects that provide for the maintenance of existing systems and equipment.
III. **Expansion of Existing Programs** - projects which enhance the existing systems and programs allowing for expansion of existing services.
IV. **Expansion of New Programs -** projects that allow for expansion into new programs and services.

LEVEL OF FUNDING: The grid is further divided into levels:
Level A - highest consideration for funding,
Level B - moderate consideration,
Level C - least consideration for funding resources.

Capital Improvement Plan
FUNDING SUMMARY

DIVISION DESCRIPTION	PRIOR	2022-2023	2023-2024	2024-2025	2025-2026	2026-2027	TOTALS	Beyond 2027 Memo Only
USES:								
GENERAL FUND								
General Government	$ 307,500	$ 1,065,000	$ 1,431,000	$ 17,371,000	$ 13,322,500	$ 5,277,500	$ 38,774,500	$ 8,401,500
American Rescue Plan	-	3,268,500	4,030,000	1,512,000	4,268,000	1,462,500	14,541,000	-
Information Technology	-	90,000	470,000	70,000	220,000	1,635,000	2,485,000	-
Public Facilities	-	189,500	479,000	737,500	1,322,500	2,917,500	5,646,000	26,714,900
Police	-	225,000	415,000	325,000	425,000	-	1,390,000	-
Fire	-	1,685,000	1,250,000	410,000	3,175,000	700,000	7,220,000	-
Fleet Division	-	-	-	-	-	-	-	-
Streets Division	200,000	825,000	950,000	150,000	390,000	150,000	2,665,000	-
Solid Waste	-	305,000	-	-	230,000	-	535,000	-
Parks and Recreation	175,000	42,000	931,500	1,011,000	8,199,000	6,402,600	16,761,100	17,208,500
Transportation	2,713,700	2,309,000	4,565,600	12,974,800	1,676,200	365,000	24,604,300	703,500
Asset Maintenance	996,200	1,742,100	5,193,000	4,627,200	10,126,200	7,462,300	30,147,000	10,130,300
Vehicle/Equipment Replacements	-	2,486,000	2,317,000	2,336,500	3,078,500	2,812,500	13,030,500	4,771,500
	4,392,400	14,232,100	22,032,100	41,525,000	46,432,900	29,184,900	157,799,400	67,930,200
ELECTRIC FUND								
Electric/Tree Trimming	$ 1,275,000	$ 2,045,000	$ 1,455,000	$ 1,257,000	$ 1,694,000	$ 1,450,000	$ 9,176,000	$ -
Vehicle/Equipment Replacements	-	787,000	328,500	180,000	621,000	73,000	1,989,500	1,846,500
TOTAL USES	$ 5,667,400	$ 17,064,100	$ 23,815,600	$ 42,962,000	$ 48,747,900	$ 30,707,900	$ 168,964,900	$ 69,776,700
SOURCES:								
GENERAL FUND								
Current G.O. Referendum - Issued	1,682,000	-	-	-	-	-	1,682,000	-
Future G.O. Referendum - Estimated - FY 2022	-	522,000	6,798,100	20,838,800	14,661,200	2,263,000	45,083,100	703,500
Future G.O. Referendum - Estimated - FY 2024	-	-	-		2,190,000	4,958,500	7,148,500	22,318,400
Future Installment Purchase - Other	-	-	657,500	6,533,000	8,377,500	4,770,000	20,338,000	27,768,100
Future Installment Purchase - Vehicles/Equipment	-	3,578,000	3,441,000	2,828,500	4,043,000	3,542,500	17,433,000	4,771,500
American Rescue Plan	-	3,268,500	4,030,000	1,512,000	4,268,000	1,462,500	14,541,000	-
Grant Funds - Awarded	1,359,930	-	50,000	-	-	-	1,409,930	-
Grant Funds - Future Application/Application Submitted	-	-	65,000	-	2,698,000	210,000	2,973,000	150,000
Capital Reserve Funds	-	136,500	-	-	61,000	716,600	914,100	347,500
Downtown Municipal Service District	-	25,000	25,000	-	-	-	50,000	-
Pay As You Go - User Fees/Other Revenues/Reserves		-	-	-	-	-	-	-
Special Obligation Bonds	-	-	-	3,000,000	3,000,000	3,000,000	9,000,000	6,000,000
Other Available Sources (Timing & Amounts TBD)	1,350,470	6,702,100	6,965,500	6,812,700	7,134,200	8,261,800	37,226,770	5,871,200
ELECTRIC FUND								
Vehicles/Equipment Installment Purchase	-	857,000	523,500	180,000	736,000	323,000	2,619,500	1,846,500
Pay As You Go - User Fees/Other Revenues/Reserves	1,275,000	1,875,000	1,260,000	1,257,000	1,579,000	1,200,000	8,446,000	-
Other - Development Fees	-	100,000	-	-	-	-	100,000	-
TOTAL SOURCES	$ 5,667,400	$ 17,064,100	$ 23,815,600	$ 42,962,000	$ 48,747,900	$ 30,707,900	$ 168,964,900	$ 69,776,700

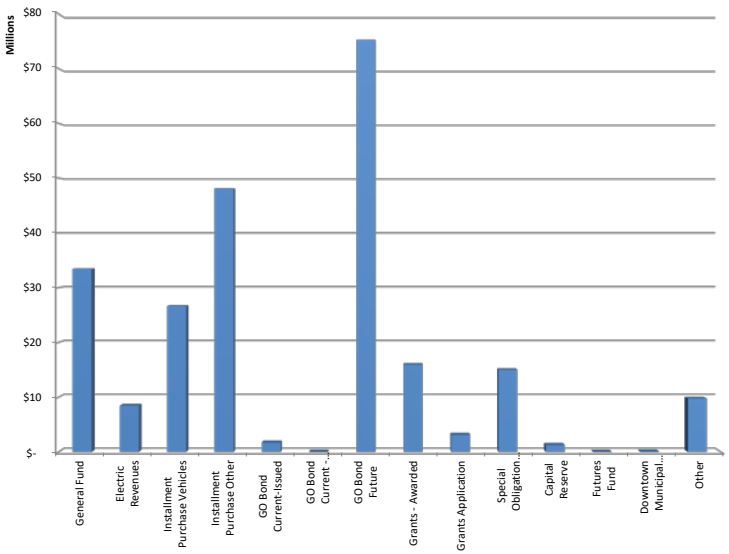
Reconcile 2014 G.O. Bond Referendum

	Issued	Unissued	Total
CIP Update 2021 - Upcoming Projects:			
Wake Forest Reservoir	292,000	-	292,000
Smith Creek Greenway - Phase 2	318,200	-	318,200
Smith Creek Greenway - Phase 3	243,800	-	243,800
Active Projects:			
Ligon Mill Road	$ 1,179,000	$ -	$ 1,179,000
Smith and Sanford Creek Greenway	1,581,000	-	1,581,000
Priority Pedestrian Corridors	805,000	-	805,000
Dunn Creek Downtown Connector	115,500	-	115,500
Dunn Creek Boardwalk Rehab	73,500	-	73,500
Passive/Active	464,625	-	464,625
Burlington Mills Road Landscape	86,500	-	86,500
W Oak Avenue & Forestville Road Underpass	168,000	-	168,000
Forestville Road Underpass	67,000	-	67,000
Traffic Signals	90,000	-	90,000
Hedrick Property	301,775	-	301,775
Richland Creek Greenway	28,600	-	28,600
Ligon Mill Underpass	250,000	-	250,000
Smith Creek Stream Bank Repair	200,000	-	200,000
Joyner Park	11,100,000	-	11,100,000
Northern Wake Senior Center	3,100,000	-	3,100,000
Rogers Road	1,650,000	-	1,650,000
TBD Greenway	66,500	-	66,500
Dunn Creek Greenway - Phase 3	653,000	-	653,000
Ailey Young Park	175,000	-	175,000
Durham Road	395,000	-	395,000
Brewer Circle	300,000	-	300,000
Stadium Drive	1,396,000	-	1,396,000
	$ 25,100,000	$ -	$ 25,100,000

Function	General Fund	Electric Revenues	Installment Purchase Vehicles	Installment Purchase Other	GO Bond Current-Issued	GO Bond Current - Not Issued	GO Bond Future	Grants - Awarded	Grants Application	Special Obligation Bonds	Capital Reserve	Futures Fund	Downtown Municipal Service District	Other	Department Total
General Government	$ 4,717,600	$ -	$ 165,000	$ 15,893,100	$ -	$ -	$ 10,465,000	$ 122,330	$ -	$ 15,000,000	$ -	$ -	$ -	$ 812,970	$ 47,176,000
American Rescue Plan	-	-	-	-	-	-	-	14,541,000	-	-	-	-	-	-	14,541,000
Information Technology	2,165,000	-	-	-	-	-	-	-	-	-	320,000	-	-	-	2,485,000
Public Facilities	2,861,000	-	-	28,662,500	-	-	837,400	-	-	-	-	-	-	-	32,360,900
Public Safety	-	-	1,390,000	-	-	-	-	-	-	-	-	-	-	-	1,390,000
Fire	235,000	-	700,000	3,585,000	-	-	-	-	-	-	-	-	-	2,700,000	7,220,000
GTP	3,905,000	-	-	-	1,215,000	-	17,702,100	1,220,700	-	-	136,500	-	-	1,128,500	25,307,800
PRCR	530,000	-	363,000	-	175,000	-	32,096,500	-	-	-	805,100	-	-	-	33,969,600
Electric	-	8,446,000	630,000	-	-	-	-	-	-	-	-	-	-	100,000	9,176,000
Solid Waste	-	-	535,000	-	-	-	-	-	-	-	-	-	-	-	535,000
Fleet Maintenance	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Streets	1,400,000	-	1,215,000	-	-	-	-	-	-	-	-	-	50,000	-	2,665,000
Asset Maintenance	17,616,800	-	-	-	292,000	-	14,152,500	66,900	3,123,000	-	-	-	-	5,026,100	40,277,300
Vehicle Replacements	-	-	21,638,000	-	-	-	-	-	-	-	-	-	-	-	21,638,000
	$ 33,430,400	$ 8,446,000	$ 26,636,000	$ 48,140,600	$ 1,682,000	$ -	$ 75,253,500	$ 15,950,930	$ 3,123,000	$ 15,000,000	$ 1,261,600	$ -	$ 50,000	$ 9,767,570	$ 238,741,600

Bond Projects Fully Funded (removed from update):

Street and Sidewalk Improvements		
Ligon Mill Road Operational Improvements	1,179,000	-
W. Oak Avenue & Forestville Underpass	168,000	-
Forestville Road Pedestrian Underpass	67,000	-
Traffic Signals	90,000	-
Rogers Road Widening & Pedestrian Underpass	1,650,000	-
Priority Pedestrian Corridors	805,000	-
Ligon Mill Underpass	250,000	-
Burlington Mills Road Landscape	86,500	-
Durham Road	395,000	-
Stadium Drive	1,396,000	-
Brewer Circle	300,000	-
Parks & Recreation		
Joyner Park	11,100,000	-
Northern Wake Senior Center	3,100,000	-
Greenways		
Smith and Sanford Creek Greenway	1,581,000	-
Dunn Creek Greenway - Boardwalk Rehab	73,500	-
Dunn Creek Greenway - Greenway Connector	115,500	-
Passive/Active Greenways	464,625	-
Smith Creek Greenway Stream Repair	200,000	-
Richland Creek Greenway	28,600	-
Hedrick Property	301,775	-
TBD Greenway	66,500	-
Subtotal	23,418,000	-
	$ 25,100,000	$ -



Capital Improvement Plan

FUNDING LEVEL SUMMARY

FISCAL YEAR 2022-2023

PAGE	DEPARTMENT/DIVISION	PROJECT DESCRIPTION	PRIORITY TYPE	1ST YEAR CAPITAL COST	EXTERNAL FUNDING	FISCALLY CONSTRAINED
	LEVEL A					
PF-1	Public Facilities	ADA Improvements for Compliance	H-1	120,000	-	120,000
PF-3	Public Facilities	Fire Training Deck Rebuild	H-1	48,000	-	48,000
F-1	Fire	Mobile & Portable Radios Replacement	H-2	110,000	-	110,000
S-2	Streets	Town Roadway Lighting	M-1	50,000	-	50,000
E-3	Electric	LED Conversion	H-2	125,000	-	125,000
AM-6	Asset Maintenance	Wake Forest Reservoir Improvements	H-2	539,600	-	-
		TOTAL LEVEL A		992,600	-	453,000
	LEVEL B:					
GG-1	General Government	Vehicle Additions - Planning	M-3	60,000	-	-
GG-2	General Government	Vehicle Additions - Engineering	M-3	35,000	-	-
GG-3	General Government	Ailey Young House Heritage Site	M-3	270,000	-	270,000
ARP-2	American Rescue Plan	Stormwater Improvements and Enhancements	M-2	3,268,500	3,268,500	-
IT-1	Information Technology	Fleet Management Software	M-3	90,000	-	90,000
PF-2	Public Facilities	Evidence Room at Main Police Station	M-3	21,500	-	21,500
P-1	Police	Patrol Vehicles - Additional	M-3	225,000	-	-
F-2	Fire	Fire Logistics Facility	M-3	75,000	-	-
F-3	Fire	Fire Station #6 Construction and Apparatus	H-3	1,500,000	-	-
S-1	Streets	Transportation New Sidewalk Projects	M-3	100,000	-	100,000
S-3	Streets	Vehicle Addition - Single Axle Dump Truck	M-3	215,000	-	-
S-4	Streets	Town Wide Wayfinding Designs/Signage	M-3	250,000	-	225,000
S-5	Streets	Vehicle Addition - Service Truck	M-3	70,000	-	-
S-6	Streets	Vehicle Addition - Mini Excavator	M-3	140,000	-	-
SW-1	Solid Waste	Vehicle Addition - Rearend Loader	M-3	240,000	-	-
SW-2	Solid Waste	Vehicle Addition - Flat Bed Stake Body Truck	M-3	65,000	-	-
PRCR-1	PRCR	Vehicle Additions	M-3	42,000	-	-
T-1	GTP	Roadway - Ligon Mill Road/Smith Creek Bridge Improvements	H-4	73,000	-	-
T-2	GTP	Rogers Branch Road Extension	H-4	253,000	-	253,000
T-3	GTP	Endeavor Chart School Expansion Offsite Improvements	H-4	250,000	-	-
T-4	GTP	Greenway - Dunn Creek Greenway - Phase 4	M-3	358,500	-	358,500
T-5	GTP	Traffic/Pedestrian Signals	M-3	680,000	-	615,000
T-6	GTP	Bus Shelter Installations	M-3	113,500	-	-
T-7	GTP	Road Connections	M-3	461,500	-	461,500
T-8	GTP	Forbes Property Infrastructure Improvements	H-4	95,000	-	20,000
T-9	GTP	Greenway - Dunn Creek Greenway - Phase 3	M-3	24,500	-	24,500
VR	General Government	Vehicle Replacements	M-2	2,486,000	-	-
AM-1	Asset Maintenance	Transportation Sidewalk Replacement	M-2	100,000	-	100,000
AM-2	Asset Maintenance	Street Preservation and Maintenance	M-2	381,000	-	381,000
AM-3	Asset Maintenance	Street Resurfacing	M-2	142,000	-	-
AM-4	Asset Maintenance	Town Hall	M-2	321,000	-	321,000
AM-5	Asset Maintenance	Maintenance of Facilities (Outside of Town Hall)	M-2	35,000	-	35,000
AM-7	Asset Maintenance	Sports Field Playing Surface Repair	M-2	15,000	-	15,000
AM-8	Asset Maintenance	E. Juniper Avenue & E. Pine Infrastructure Upgrades	L-2	14,000	-	14,000
AM-9	Asset Maintenance	Greenway Infrastructure Improvements	M-2	142,000	-	142,000
AM-10	Asset Maintenance	Joyner Park Farms Building Rehab	M-2	52,500	-	52,500
E-1	Electric	Electric Building Location - 5301 Unicon Dr.	M-3	500,000	-	500,000
E-2	Electric	Line Construction/System Improvements	M-2	1,000,000	-	1,000,000
E-4	Electric	Vehicle Addition - Pick-up	M-3	70,000	-	-
E-5	Electric	Downtown Overhead to Underground Conversion	M-2	350,000	-	250,000
VR	Electric	Vehicle Replacements	M-2	787,000	-	-
		TOTAL LEVEL B		15,371,500	3,268,500	5,249,500
	LEVEL C:			-	-	-
GG-4	General Government	Downtown Parking Deck	M-4	700,000	-	700,000
		TOTAL LEVEL C		700,000	-	700,000
		GRAND TOTALS		$ 17,064,100	$ 3,268,500	$ 6,402,500

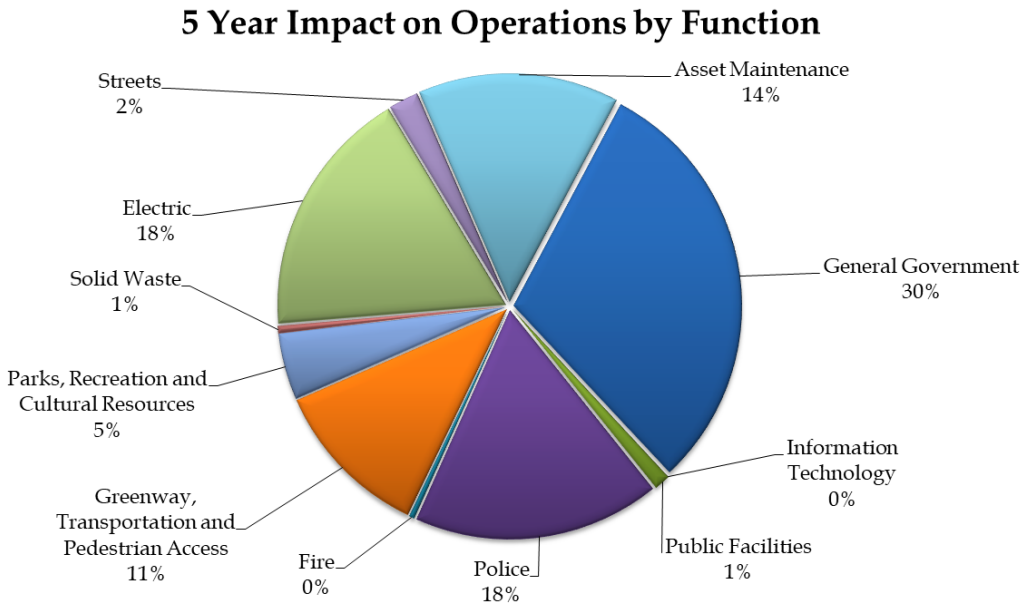
*External funding represents **ONLY** amounts that have been secured or officially awarded to the Town (i.e. Grants Awarded and Authorized Bond Funding). Projects with bond authorization funding will be presented until the debt is actually issued.

FY 2022 – 2027 Capital Improvements Plan Update

Projected Impact on Operations

An important factor to consider when developing a capital improvements plan is the financial impact that the proposed projects will have on the Town's operating budget. While some projects will have little to no staffing or operating impact, others may bear significant additional annual costs. These costs include, but are not limited to: debt service (principal and interest), additional staffing, fuel, maintenance and repair, utility services, contract/service agreements and supplies. It is, however, important to keep in mind that while some projects add to the cost of operations, there are projects which will provide a cost savings benefit to the town (i.e. energy efficiency). In developing these projections town staff have taken both of these into consideration.

FUNCTION	2022-2023	2023-2024	2024-2025	2025-2026	2026-2027	Total
General Government	924,500	1,239,250	2,369,000	2,602,000	2,578,250	9,713,000
Information Technology	2,000	2,250	2,000	2,000	2,000	10,250
Public Facilities	2,550	3,300	3,300	48,300	309,300	366,750
Police	703,500	1,253,750	845,000	1,380,000	1,443,750	5,626,000
Fire	-	-	-	50,000	150,000	200,000
Greenway, Transportation and Pedestrian Access	153,000	841,000	871,000	879,000	899,000	3,643,000
Parks, Recreation and Cultural Resources	20,250	231,000	324,000	424,250	515,750	1,515,250
Solid Waste	11,000	18,750	18,750	47,500	68,500	164,500
Electric	682,500	802,250	1,190,500	1,479,850	1,525,500	5,680,600
Streets	54,250	173,750	240,000	240,000	181,500	889,500
Asset Maintenance	477,500	927,500	1,025,000	1,025,000	1,125,000	4,580,000
						-
	$ 3,031,050	$ 5,492,800	$ 6,888,550	$ 8,177,900	$ 8,798,550	$ 32,388,850

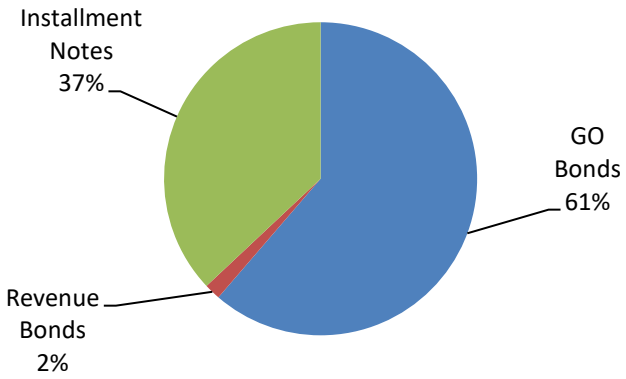


The data above displays the projected additional cost of operations over the next five years related to the current capital improvement submissions. The majority of the impact on operations is for the additional debt service which is related to the current bond authorization, as well potential future bond referendums and other debt issuance (i.e. installment purchase agreements).

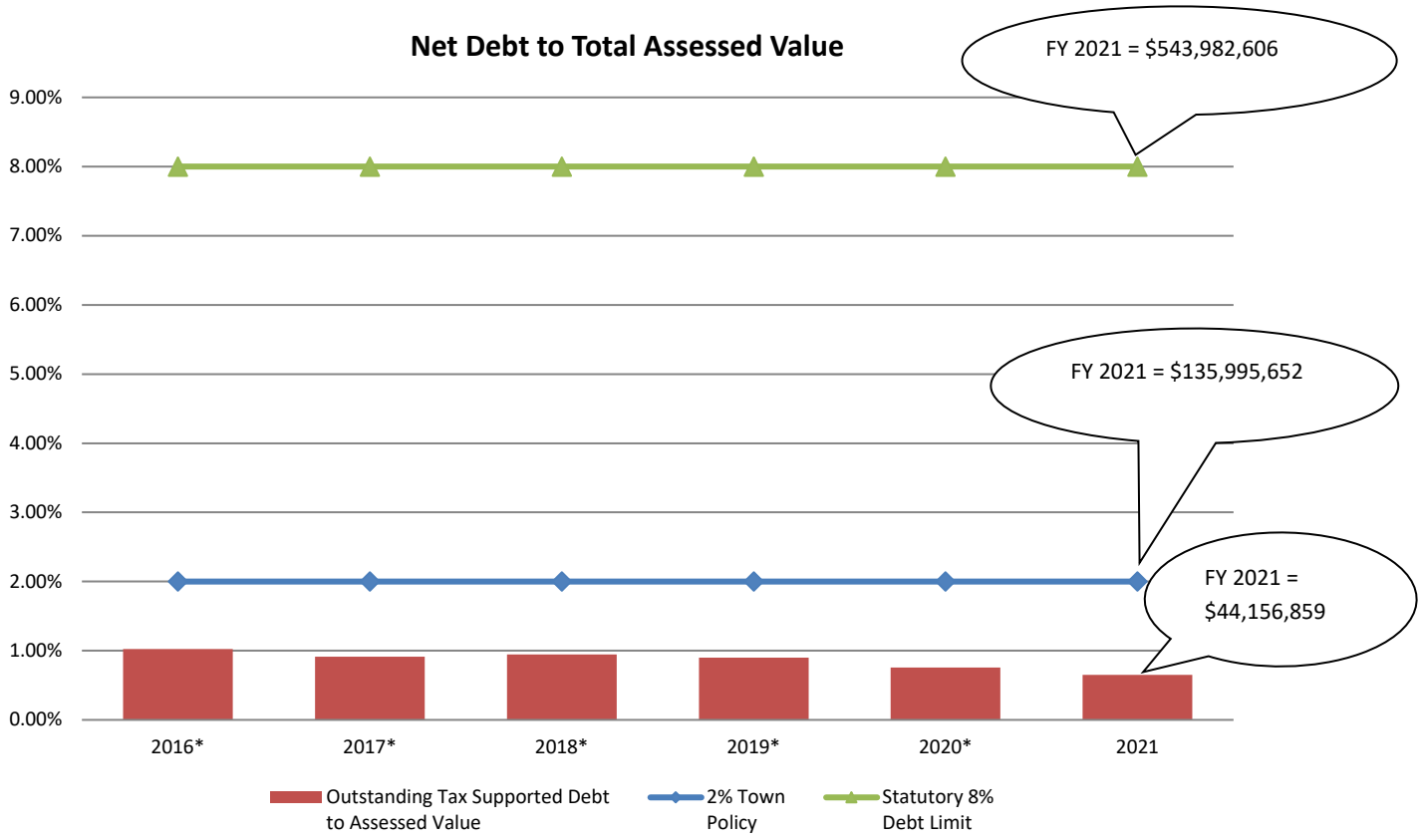
Town of Wake Forest
Debt Overview
As of: June 30, 2021

General Fund	
Installment Purchase	$ 14,756,859
General Obligation Bonds	29,400,000
Total Tax-Supported Debt	44,156,859
Electric Fund	
Revenue Bonds	803,264
Installment Purchase	2,982,154
Total Debt Outstanding	$47,942,277

Outstanding Debt by Type of Issue



**Legal Debt Margin as of June 30, 2021 is $499,825,747.



Capital Improvement Plan

GENERAL GOVERNMENT SUMMARY - BY PROJECT

	PROJECT TITLE	PRIORITY TYPE	PRIOR TO JULY 2022	2022-2023	2023-2024	2024-2025	2025-2026	2026-2027	FUTURE YEARS	TOTALS
1	Vehicle Addition - Planning	M - 3	$ -	$ 60,000	$ -	$ 35,000	$ -	$ -	$ -	95,000
2	Vehicle Additions - Engineering	M - 3	-	35,000	35,000	-	-	-	-	70,000
3	Ailey Young House Heritage Site	M - 3	307,500	270,000	558,500	1,128,000	-	-	-	2,264,000
4	Downtown Parking Deck	M - 4	-	700,000	-	6,135,000	5,080,000	-	-	11,915,000
5	Renaissance Centre Audience Risers	M - 3	-	-	100,000	-	-	-	-	100,000
6	Branding of Downtown Water Tower	L - 3	-	-	30,000	-	40,000	50,000	-	120,000
7	Downtown Interactive Water Feature	L - 3	-	-	50,000	950,000	-	-	-	1,000,000
8	Downtown Streetscape Improvements	M - 2	-	-	657,500	6,123,000	5,202,500	2,227,500	2,401,500	16,612,000
9	Site Aquisition and Development	H - 4	-	-	-	3,000,000	3,000,000	3,000,000	6,000,000	15,000,000
	TOTALS		$ 307,500	$ 1,065,000	$ 1,431,000	$ 17,371,000	$ 13,322,500	$ 5,277,500	$ 8,401,500	$ 47,176,000

Priority definitions:	H	High
	M	Medium
	L	Low
Program type:	1	Health/Safety/Welfare
	2	Maintenance/Replacement
	3	Existing programs expansion
	4	New programs expansion

TOWN OF WAKE FOREST
CAPITAL IMPROVEMENTS PROGRAM
CIP UPDATE FY 2022-2027

DEPARTMENT	PROJECT MANAGER	DEPARTMENTAL PRIORITY
Planning	Courtney Tanner	Medium

PROJECT TITLE
Vehicle Additions - Planning

	TYPE OF PROJECT
	1 -Health/Safety/Welfare
	2 - Maintenance/Replacement
X	3 - Existing Programs Expansion
	4 - New Program

PROJECT DESCRIPTION
The Planning Department has one vehicle that is currently used daily by the Zoning Enforcement Officer. When the Town hired a full-time Zoning Compliance Officer, the vehicle was assigned to that position.

JUSTIFICATION
Planning staff are currently using their personal vehicle to conduct site inspections, monitor projects as part of our new proactive CO approach, carry materials to outreach events, and attend meetings. An additional truck is needed next year to support the expansion of zoning enforcement services and an additional Explorer is needed to ensure staff are not using their personal vehicles to conduct town work.

PROJECT ALTERNATIVES

N/A

OPERATING IMPACT/OTHER COMMENTS

Annual operating impact, including gas is approximately $2,500 for truck and $1,500 for Explorer.

PROJECT STATUS Continuation - FY 2020

Funds Approved to Date $ -

Funds Expended to Date $ -

CAPITAL COST BREAKDOWN	Prior to July 2022	2022-23	2023-24	2024-25	2025-26	2026-27	Future Years
Purchase	$ -	$ 60,000	$ -	$ 35,000	$ -	$ -	$ -
Total Project Costs	$ -	$ 60,000	$ -	$ 35,000	$ -	$ -	$ -

FUNDING SOURCE(S)	Prior to July 2022	2022-23	2023-24	2024-25	2025-26	2026-27	Future Years
Installment Purchase	$ -	$ 60,000	$ -	$ 35,000	$ -	$ -	$ -
Total Funding Sources	$ -	$ 60,000	$ -	$ 35,000	$ -	$ -	$ -

TOTAL PROJECT COST: $ 95,000

TOWN OF WAKE FOREST
CAPITAL IMPROVEMENTS PROGRAM
CIP UPDATE FY 2022-2027

DEPARTMENT	PROJECT MANAGER	DEPARTMENTAL PRIORITY
Engineering	Joseph Guckavan	Medium

PROJECT TITLE
Vehicle Additions - Engineering

	TYPE OF PROJECT
	1 -Health/Safety/Welfare
	2 - Maintenance/Replacement
X	3 - Existing Programs Expansion
	4 - New Program

PROJECT DESCRIPTION
Purchase two small SUVs for Engineering staff.

JUSTIFICATION
Currently four Engineers and a plan reviewer share two Tahoes that were approved for surplus by the Police Department in FY 2020. All six positions consistently travel to Town projects and meetings either at Town Hall, Raleigh or other locations throughout the state. This practice is expected to continue, therefore staff requests a new vehicle be purchased. Staff requests one of the two current vehicles be replaced and implemented on the schedule in FY 2023 and the second in the following fiscal year. The retired police vehicles are not designed for off-road or on project sites and staff periodically have to use personal vehicles.

PROJECT ALTERNATIVES
1) Continue to coordinate with Police Department to utilize retired Tahoes and other vehicles once they are replaced as part of the Police Department CIP process
2) Continue to use personal vehicles (mileage reimbursement)

OPERATING IMPACT/OTHER COMMENTS
Fuel and maintenance costs would likely decrease as two retired Tahoe's are currently increasing in age, requiring more maintenance and are not very fuel efficient.

PROJECT STATUS Continuation - FY 2022

Funds Approved to Date $ -

Funds Expended to Date $ -

CAPITAL COST BREAKDOWN	Prior to July 2022	2022-23	2023-24	2024-25	2025-26	2026-27	Future Years
Purchase	$ -	$ 35,000	$ 35,000	$ -	$ -	$ -	$ -
Total Project Costs	$ -	$ 35,000	$ 35,000	$ -	$ -	$ -	$ -

FUNDING SOURCE(S)	Prior to July 2022	2022-23	2023-24	2024-25	2025-26	2026-27	Future Years
Installment Purchase	$ -	$ 35,000	$ 35,000	$ -	$ -	$ -	$ -
Total Funding Sources	$ -	$ 35,000	$ 35,000	$ -	$ -	$ -	$ -

TOTAL PROJECT COST: $ 70,000

TOWN OF WAKE FOREST
CAPITAL IMPROVEMENTS PROGRAM
CIP UPDATE FY 2022-2027

DEPARTMENT	PROJECT MANAGER	DEPARTMENTAL PRIORITY
Planning	Michelle Michael	Medium

PROJECT TITLE
Ailey Young House Heritage Site

	TYPE OF PROJECT
	1 -Health/Safety/Welfare
	2 - Maintenance/Replacement
X	3 - Existing Programs Expansion
	4 - New Program

PROJECT DESCRIPTION

The Ailey Young House is a designated historic landmark owned by the Town of Wake Forest. Having suffered a fire in the 1980s the house was in deteriorated condition when identified as significant during the 2008 Historic Resources Survey. The building has recently been rehabilitated/restored by the Town of Wake Forest using a generous grant from the State of NC. The house and site is a rare African American historic resource that provides important historical information about Wake Forest's African American Community from the mid-19th century to the mid-20th century, from Reconstruction to Civil Rights. The funding allocated in this CIP item will allow us to study and master plan for the site in a meaningful way to include archaeology, master planning, and interpretation in order to open the house as an African American Heritage Site to celebrate Wake Forest's significant African American history and as a gateway to the Northeast Community.

JUSTIFICATION

The Ailey Young House is a historic landmark owned by the Town of Wake Forest. The house is significant architecturally as a rare extant example of Reconstruction-era African American housing. It is also significant historically as the childhood home of Allen Young, a significant educator in the African American Community and Town of Wake Forest. The Town has devoted attention to saving and stabilizing the house which had been badly damaged by a fire in the 1980s. That stabilization is complete except for paint. It is now time to determine how the site will be interpreted and developed to best convey its significance within the context of African American history in Wake Forest.

PROJECT ALTERNATIVES

None

OPERATING IMPACT/OTHER COMMENTS

The project should move forward and open this site to the public with a thoughtful site and interpretation plan to promote the history of Wake Forest's African American community.

PROJECT STATUS	New Project - FY 2023		
Funds Approved to Date	$ 307,500	*Funds Expended to Date*	$ 307,118

CAPITAL COST BREAKDOWN	Prior to July 2022	2022-23	2023-24	2024-25	2025-26	2026-27	Future Years
Planning & Engineering	$ 35,900	$ 270,000	$ -	$ 50,000	$ -	$ -	$ -
Construction	134,500	-	85,000	750,000	-	-	-
Purchase - Land	134,000	-	300,000	-	-	-	-
Equipment	3,100	-	15,000	100,000	-	-	-
Contingency	-	-	158,500	228,000	-	-	-
Other	-	-	-	-	-	-	-
Total Project Costs	$ 307,500	$ 270,000	$ 558,500	$ 1,128,000	$ -	$ -	$ -

FUNDING SOURCE(S)	Prior to July 2022	2022-23	2023-24	2024-25	2025-26	2026-27	Future Years
General Fund	$ 141,100	$ 270,000	$ 558,500	$ 1,128,000	$ -	$ -	$ -
Historic Preservation Commission	21,500	-	-	-	-	-	-
Grants - NCDCR/Stedman Awarded	110,000	-	-	-	-	-	-
Grants-CLG/Ammons	12,330	-	-	-	-	-	-
In-Kind Donations	18,770	-	-	-	-	-	-
Donations	3,800	-	-	-	-	-	-
Total Funding Sources	$ 307,500	$ 270,000	$ 558,500	$ 1,128,000	$ -	$ -	$ -

TOTAL PROJECT COST: $ 2,264,000

TOWN OF WAKE FOREST
CAPITAL IMPROVEMENTS PROGRAM
CIP UPDATE FY 2022-2027

DEPARTMENT	PROJECT MANAGER	DEPARTMENTAL PRIORITY
Downtown Development	Lisa Hayes	Medium

PROJECT TITLE
Downtown Parking Deck

	TYPE OF PROJECT
	1 -Health/Safety/Welfare
	2 - Maintenance/Replacement
	3 - Existing Programs Expansion
X	4 - New Program

PROJECT DESCRIPTION
Public Parking Deck to be constructed in tandem with private development at 350 S.White Street (Former SunTrust building). This project would add approximately 331 parking spaces for public use in the downtown area.

JUSTIFICATION
A parking study completed in 2019 identified a need for an additional 223 spaces. The Downtown area is in a pivotal stage of economic growth and parking availability will be crucial to continue to attract private development. Without adequate parking to support increased growth and visitors, new development will be stymied.

PROJECT ALTERNATIVES
No alternative other than the current condition.

OPERATING IMPACT/OTHER COMMENTS
The project would have a future maintenance component - costs to be determined. Potential revenue availability would be determined based on parking fee charges. Other positive impacts include encouraging development which result in increased property tax, increased sales tax revenue and sustainable growth of business.

PROJECT STATUS Continuation - FY 2022

Funds Approved to Date $ -

Funds Expended to Date $ -

CAPITAL COST BREAKDOWN	Prior to July 2022	2022-23	2023-24	2024-25	2025-26	2026-27	Future Years
Planning & Engineering	$ -	$ -	$ -	$ 800,000	$ -	$ -	$ -
Purchase	-	700,000	-	-	-	-	-
Construction	-	-	-	4,000,000	4,000,000	-	-
Equipment	-	-	-	-	-	-	-
Contingency	-	-	-	1,335,000	1,080,000	-	-
Other	-	-	-	-	-	-	-
Total Project Costs	$ -	$ 700,000	$ -	$ 6,135,000	$ 5,080,000	$ -	$ -

FUNDING SOURCE(S)	Prior to July 2022	2022-23	2023-24	2024-25	2025-26	2026-27	Future Years
General Fund	$ -	$ 700,000	$ -	$ 800,000	$ -	$ -	$ -
GO Bonds - FY 2022 Bond Referendum	-	-	-	5,335,000	5,080,000	-	-
Total Funding Sources	$ -	$ 700,000	$ -	$ 6,135,000	$ 5,080,000	$ -	$ -

TOTAL PROJECT COST: $ 11,915,000

TOWN OF WAKE FOREST
CAPITAL IMPROVEMENTS PROGRAM
CIP UPDATE FY 2022-2027

DEPARTMENT	PROJECT MANAGER	DEPARTMENTAL PRIORITY
Wake Forest Renaissance Centre	Debbie Dunn	Medium

PROJECT TITLE
Renaissance Centre Audience Risers

	TYPE OF PROJECT
	1 -Health/Safety/Welfare
	2 - Maintenance/Replacement
X	3 - Existing Programs Expansion
	4 - New Program

PROJECT DESCRIPTION
Purchase risers (supports) with railing, skirting and needed hardware to allow for elevated seating to use during stage productions.

JUSTIFICATION
During post-event surveys there have been numerous requests to improve the seating so audience members can fully view the stage. This addition would provide better seating and viewing opportunities for all audience members.

PROJECT ALTERNATIVES
Until the project is finished, the Renaissance Centre staff will continue to set up the chairs optimizing the best possible site lines for audience members.

OPERATING IMPACT/OTHER COMMENTS
Additional storage will be needed to house the risers when not in use. The risers will require more part-time staffing hours for set up/tear down and there is potential this will affect programming. As the Centre starts programming and moves to more theater style performances, there will be a reduction in flex the space.

PROJECT STATUS Continuation - FY 2021

Funds Approved to Date $ -

Funds Expended to Date $ -

CAPITAL COST BREAKDOWN	Prior to July 2022	2022-23	2023-24	2024-25	2025-26	2026-27	Future Years
Purchase	$ -	$ -	$ 100,000	$ -	$ -	$ -	$ -
Equipment	-	-	-	-	-	-	-
Total Project Costs	$ -	$ -	$ 100,000	$ -	$ -	$ -	$ -

FUNDING SOURCE(S)	Prior to July 2022	2022-23	2023-24	2024-25	2025-26	2026-27	Future Years
Sponsorship	$ -	$ -	$ 50,000	$ -	$ -	$ -	$ -
Grants - Future Application	-	-	50,000	-	-	-	-
Total Funding Sources	$ -	$ -	$ 100,000	$ -	$ -	$ -	$ -

TOTAL PROJECT COST: $ 100,000

TOWN OF WAKE FOREST
CAPITAL IMPROVEMENTS PROGRAM
CIP UPDATE FY 2022-2027

DEPARTMENT	PROJECT MANAGER	DEPARTMENTAL PRIORITY
Downtown Development	Jennifer Herbert	Low

PROJECT TITLE
Branding of Downtown Water Tower

	TYPE OF PROJECT
	1 -Health/Safety/Welfare
	2 - Maintenance/Replacement
x	3 - Existing Programs Expansion
	4 - New Program

PROJECT DESCRIPTION
Continue downtown branding by adding the "Town of Wake Forest" logo to the water tower located at the corner of S. White Street and Holding Avenue. This would be completed in conjunction with painting of the water tower by the City of Raleigh.

JUSTIFICATION
The water tower is a very visible downtown landmark and would branding of such would not only tie into our existing brand message but would serve to connect the north and south ends of the downtown district. We have received multiple citizen requests to consider this project.

PROJECT ALTERNATIVES
Continue to use branding through multiple other sources: banners, advertising, wayfinding signs, etc.

OPERATING IMPACT/OTHER COMMENTS
Cost estimate based on vendor and City of Raleigh estimated cost range for project. Will get firmer estimates as project gets closer. Will also quantify maintenance costs in firmer project estimate.

PROJECT STATUS	Continuation - FY 2020		
Funds Approved to Date	$ -	*Funds Expended to Date*	$ -

CAPITAL COST BREAKDOWN	Prior to July 2022	2022-23	2023-24	2024-25	2025-26	2026-27	Future Years
Construction	$ -	$ -	$ 30,000	$ -	$ -	$ 40,000	$ 50,000
Total Project Costs	$ -	$ -	$ 30,000	$ -	$ -	$ 40,000	$ 50,000

FUNDING SOURCE(S)	Prior to July 2022	2022-23	2023-24	2024-25	2025-26	2026-27	Future Years
General Fund	$ -	$ -	$ 30,000	$ -	$ -	$ 40,000	$ 50,000
Total Funding Sources	$ -	$ -	$ 30,000	$ -	$ -	$ 40,000	$ 50,000

TOTAL PROJECT COST: $ 120,000

TOWN OF WAKE FOREST
CAPITAL IMPROVEMENTS PROGRAM
CIP UPDATE FY 2022-2027

DEPARTMENT	PROJECT MANAGER	DEPARTMENTAL PRIORITY
Downtown Development	Jennifer Herbert	Low

PROJECT TITLE
Downtown Interactive Water Feature

	TYPE OF PROJECT
	1 -Health/Safety/Welfare
	2 - Maintenance/Replacement
X	3 - Existing Programs Expansion
	4 - New Program

PROJECT DESCRIPTION
Identify and implement an interactive civic space in Downtown Wake Forest that attracts families through play and water.

JUSTIFICATION
This project is identified in the Renaissance Plan Update (2016) as one of the "Top 10 projects in 5 Years". Attracting families to downtown with spaces designed for children will be key in Wake Forest's continued evolution into a vibrant place and will increase the economic vitality of the Renaissance Area.

PROJECT ALTERNATIVES
This project encompasses a large area (possibly Centennial Plaza). A smaller project to consider would be a water feature in the planting area at Jones Plaza.

OPERATING IMPACT/OTHER COMMENTS
*Cost estimate based on selected vendor's estimated cost range for project. Will get firmer estimates as project gets closer. Will also quantify maintenance costs in firmer project estimate.

PROJECT STATUS Continuation - FY 2020

Funds Approved to Date $ -

Funds Expended to Date $ -

CAPITAL COST BREAKDOWN	Prior to July 2022	2022-23	2023-24	2024-25	2025-26	2026-27	Future Years
Planning & Engineering	$ -	$ -	$ 50,000	$ -	$ -	$ -	$ -
Construction	-	-	-	750,000	-	-	-
Contingency	-	-	-	200,000	-	-	-
Total Project Costs	$ -	$ -	$ 50,000	$ 950,000	$ -	$ -	$ -

FUNDING SOURCE(S)	Prior to July 2022	2022-23	2023-24	2024-25	2025-26	2026-27	Future Years
General Fund	$ -	$ -	$ 50,000	$ 950,000	$ -	$ -	$ -
Total Funding Sources	$ -	$ -	$ 50,000	$ 950,000	$ -	$ -	$ -

TOTAL PROJECT COST: $ 1,000,000

TOWN OF WAKE FOREST
CAPITAL IMPROVEMENTS PROGRAM
CIP UPDATE FY 2022-2027

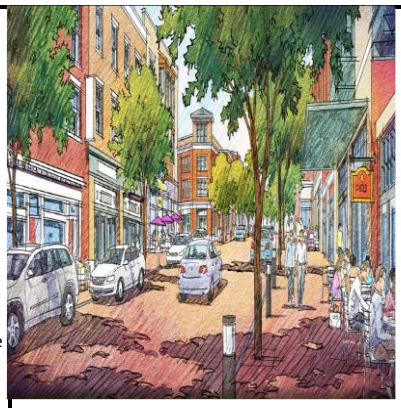
DEPARTMENT	PROJECT MANAGER	DEPARTMENTAL PRIORITY
Administration	Candace Davis	Medium

PROJECT TITLE
Downtown Streetscape Improvements

	TYPE OF PROJECT
	1 -Health/Safety/Welfare
X	2 - Maintenance/Replacement
	3 - Existing Programs Expansion
	4 - New Program

PROJECT DESCRIPTION
Project will include widened sidewalks, ADA accessibility with ramps, tree pits and soil amendments, street trees and furniture, and architectural pedestrian scaled lighting. The project sections are:

1) S. White Street Lighting (Phase 1, 2, and 3) - FY 23-24
2A-2C) Brooks Street - FY 24-25
3A-3B) Elm Avenue - FY 25-26
4) Front Street Intersection Improvements - FY 26-27
5) E. Jones Avenue - Future Years
6) Wait Avenue - FY 22-23
7) N. White Street.N. White Street - FY 22-23



JUSTIFICATION
This project is one of the recommended projects in the Renaissance Plan for Downtown Wake Forest (2016) and the Strategic Plan Update (2017-2022). This supports the shopping environment in downtown Wake Forest and preserve small town character with wide and accessible sidewalks to accommodate sidewalk cafes, strollers, disabled, and elderly patrons. Improvements on these streets will continue the cohesive look of the Renaissance Area, as well as serve to increase the economic vitality of these areas.

PROJECT ALTERNATIVES

The downtown streetscape work program is divided into seven sections (reference project exhibit):
1- South White Street: East Holding Avenue to Spring Street (Lighting Phase 1, 2, and 3)
2A-2C - Brooks Street: East Roosevelt Ave (NC98 BUS) to E. Holding Avenue
3A-3B – Elm Avenue: South Main Street to Franklin Street
4- Front Street Intersection: NC98 (Roosevelt Ave), South Ave, Front Street Intersection
5 – East Jones Avenue: South White Street to Taylor Street
6 - Wait Avenue: South White Street to Brooks Street
7 - North White Street: Northside of CVS to East Spring Street

OPERATING IMPACT/OTHER COMMENTS

*Operating costs after completion; street maintenance, solid waste/recycling maintenance, lighting maintenance, and landscaping.
*Cost estimates include undergrounding of existing overhead power.

PROJECT STATUS	Continuation - FY 2020		
Funds Approved to Date	$ 5,747,000	*Funds Expended to Date*	$ 4,302,126

CAPITAL COST BREAKDOWN	Prior to July 2022	2022-23	2023-24	2024-25	2025-26	2026-27	Future Years
Planning & Engineering	$ -	$ -	$ 20,000	$ 871,700	$ 729,400	$ 270,700	$ 344,200
Purchase	-	-	50,000	130,000	230,000	65,000	55,000
Construction	-	-	505,900	4,407,900	3,646,800	1,290,200	1,720,700
Contingency -- CEI	-	-	75,300	653,900	547,100	580,000	258,200
Other - PAC 1%	-	-	6,300	59,500	49,200	21,600	23,400
Total Project Costs	$ -	$ -	$ 657,500	$ 6,123,000	$ 5,202,500	$ 2,227,500	$ 2,401,500

FUNDING SOURCE(S)	Prior to July 2022	2022-23	2023-24	2024-25	2025-26	2026-27	Future Years
Installment Purchase	$ -	$ -	$ 657,500	$ -	$ -	$ -	$ -
Future Installment Purchase	-	-	-	6,123,000	5,202,500	2,227,500	1,682,600
Other - PILOT; developer fees	-	-	-	-	-	-	718,900
Total Funding Sources	$ -	$ -	$ 657,500	$ 6,123,000	$ 5,202,500	$ 2,227,500	$ 2,401,500

TOTAL PROJECT COST: $ 16,612,000

TOWN OF WAKE FOREST
CAPITAL IMPROVEMENTS PROGRAM
CIP UPDATE FY 2022-2027

DEPARTMENT	PROJECT MANAGER	DEPARTMENTAL PRIORITY
Economic Development	Jason Cannon	High

PROJECT TITLE
Site Acquisition and Development

	TYPE OF PROJECT
	1 -Health/Safety/Welfare
	2 - Maintenance/Replacement
	3 - Existing Programs Expansion
X	4 - New Program

PROJECT DESCRIPTION
Identify funds to invest in economic development opportunities producing new job creation, capital investment, and enhanced quality of life for the Town and its residents.

JUSTIFICATION
One of the key goals in the Town's strategic plan is to stimulate economic development. In 2016, the Wake Forest Business & Industry Partnership (WFBIP) was formed to facilitate and foster economic growth in Wake Forest. A Joint Land Development Agreement has been secured between WFBIP and Southeastern Seminary to develop a Live-WORK-Play Technology-focused Park. Currently marketed as the Wake Forest Business & Technology Park, the approximate 191-acre site is being master-planned for mixed-use public and private facilities and amenities. Over the next few years, estimated amounts have been projected to include public investments in site development and infrastructure improvement costs.

PROJECT ALTERNATIVES
Don't commit town funds and work with other parties to facilitate.

OPERATING IMPACT/OTHER COMMENTS
*Debt service on special obligation bonds.
*As property is developed and sold accordingly, the town benefits from increased tax base, job creation, and revenues.

PROJECT STATUS Continutation - FY 2018

Funds Approved to Date $ -

Funds Expended to Date $ -

CAPITAL COST BREAKDOWN	Prior to July 2022	2022-23	2023-24	2024-25	2025-26	2026-27	Future Years
Other*	$ -	$ -	$ -	$ 3,000,000	$ 3,000,000	$ 3,000,000	$ 6,000,000
Total Project Costs	$ -	$ -	$ -	$ 3,000,000	$ 3,000,000	$ 3,000,000	$ 6,000,000

FUNDING SOURCE(S)	Prior to July 2022	2022-23	2023-24	2024-25	2025-26	2026-27	Future Years
Special Obligation Bonds	$ -	$ -	$ -	$ 3,000,000	$ 3,000,000	$ 3,000,000	$ 6,000,000
Total Funding Sources	$ -	$ -	$ -	$ 3,000,000	$ 3,000,000	$ 3,000,000	$ 6,000,000

TOTAL PROJECT COST: **$ 15,000,000**

Capital Improvement Plan

AMERICAN RESCUE PLAN SUMMARY - BY PROJECT

	PROJECT TITLE	PRIORITY TYPE	PRIOR TO JULY 2022	2022-2023	2023-2024	2024-2025	2025-2026	2026-2027	FUTURE YEARS	TOTALS
1	American Rescue Plan	H-1,2,3,4	$ -	$ 3,268,500	$ 4,030,000	$ 1,512,000	$ 4,268,000	$ 1,462,500	$ -	$ 14,541,000
	TOTALS		$ -	$ 3,268,500	$ 4,030,000	$ 1,512,000	$ 4,268,000	$ 1,462,500	$ -	$ 14,541,000

Priority definitions:	H	High
	M	Medium
	L	Low
Program type:	1	Health/Safety/Welfare
	2	Maintenance/Replacement
	3	Existing programs expansion
	4	New programs expansion

TOWN OF WAKE FOREST
CAPITAL IMPROVEMENTS PROGRAM
CIP UPDATE FY 2022-2027

DEPARTMENT	PROJECT MANAGER	DEPARTMENTAL PRIORITY
Administration	Aileen Staples/Lisa Hayes	High

PROJECT TITLE
American Rescue Plan Act

TYPE OF PROJECT	
X	1 -Health/Safety/Welfare
X	2 - Maintenance/Replacement
X	3 - Existing Programs Expansion
X	4 - New Program

PROJECT DESCRIPTION
Multiple projects have been identified to be funded with the American Rescue Plan Act (ARP) of 2021. Projects have been placed in two tiers for order of completion (See Page ARP - 2 for Project Description/Information).

JUSTIFICATION
Signed into law by President Biden on March 11, 2021, the American Rescue Plan (ARP) allocates $1.9 trillion to COVID-19 relief and economic recovery. North Carolina will directly receive more than $5.7 billion. These funds will be provided over two distributions. More specifically, the Town of Wake Forest is estimated to receive $14.55 million which will be allocated to funding qualified projects. Additional discussion of the ARP funding will be held at the BOC Retreat on January 21, 2022.

PROJECT ALTERNATIVES
N/A

OPERATING IMPACT/OTHER COMMENTS
N/A

PROJECT STATUS New Project - FY 2023

Funds Approved to Date $ -

Funds Expended to Date $ -

CAPITAL COST BREAKDOWN	Prior to July 2022	2022-23	2023-24	2024-25	2025-26	2026-27	Future Years
Planning & Engineering	$ -	$ 350,000	$ 155,000	$ 120,000	$ 185,000	$ -	$ -
Purchase	-	1,000,000	325,000	-	1,350,000	-	-
Construction	-	1,700,000	3,025,000	1,160,000	1,870,000	600,000	-
Equipment	-	-	375,000	-	180,000	-	-
Contingency	-	-	150,000	17,000	258,000	-	-
Other	-	218,500	-	215,000	425,000	862,500	-
Total Project Costs	$ -	$ 3,268,500	$ 4,030,000	$ 1,512,000	$ 4,268,000	$ 1,462,500	$ -

FUNDING SOURCE(S)	Prior to July 2022	2022-23	2023-24	2024-25	2025-26	2026-27	Future Years
Grants - American Rescue Plan	$ -	$ 3,268,500	$ 4,030,000	$ 1,512,000	$ 4,268,000	$ 1,462,500	$ -
Total Funding Sources	$ -	$ 3,268,500	$ 4,030,000	$ 1,512,000	$ 4,268,000	$ 1,462,500	$ -

TOTAL PROJECT COST: **$ 14,541,000**

American Rescue Plan Act

Estimated Amount - $14,541,846

Project Description/Information			*Source*	*Estimated Amounts*		
Downtown Stormwater Control Measure/Stream Restoration (Miller Park)			CIP	$ 1,325,000	Tier 2	
Stormwater Improvements and Enhancements (1/2 in each tier)			CIP	3,650,000	Tier 1/Tier 2	
Flaherty Dam	*$*	*950,000*				
Annual SCM		*500,000*				
Stream Restoration		*700,000*				
Pipe Upgrades		*1,500,000*				
City of Raleigh - N. Main Improvements			CIP	1,350,000	Tier 1	
Stormwater Total					***$***	***6,325,000***
Park and Downtown Wireless Connectivity/Smart City (Broadband)			CIP	505,000	Tier 2	
Fiber Installation - Fire Stations (Broadband)			CIP	525,000	Tier 1	
Communications Upgrade/Replacement (Police)			CIP	900,000	Tier 1	
WRC/DuBois Broadband Initiative (Northeast Area)			*BOC Approved*	*1,200,000*	Tier 1	
Broadband Total					***$***	***3,130,000***
Replace Fire Engine Ladder (5212)			CIP	1,350,000	Tier 2	
Fire Equipment Replacement (SCBA)			CIP	325,000	Tier 1	
Patrol Vehicle Replacement - catch up			CIP	225,000	Tier 2	
Public Safety - Equipment Catch up					***$***	***1,900,000***
ARP Vaccine Incentives - October 29			COVID	163,500	Tier 1	
COVID 19 Coordinator ($23/hr) - 20 hours weeks			COVID	55,000	Tier 1	
Personnel (Project Manager and Compliance Reporting) - 4 years			ARP	712,500	Tier 2	
Holding Park - Inclusive Playground			CIP	955,000	Tier 1	
Transit Expansion				750,000	Tier 2	
NE Neighborhood Improvements/Food Security			ARP	550,000	Tier 2	
Public Health/Emergency/Negative Economic Impact					***$***	***3,186,000***
Total Estimated Costs					**$**	**14,541,000**

Tier 1 Funding	$	7,298,500
Tier 2 Funding		7,242,500
	$	14,541,000

American Rescue Plan Act

Estimated Amount - $14,541,846

Project Description/Information	*Source*	*Estimated Amounts*		
TIER ONE FUNDING				
Stormwater Improvements and Enhancements (1/2 in each tier)	CIP	1,825,000	Tier 1/Tier2	
City of Raleigh - N. Main Improvments	CIP	1,350,000	Tier 1	
Fiber Installation - Fire Stations (Broadband)	CIP	525,000	Tier 1	
Communications Upgrade/Replacement (Police)	CIP	900,000	Tier 1	
Fire Equipment Replacement (SCBA)	CIP	325,000	Tier 1	
ARP Vaccine Incentives - October 29	COVID	163,500	Tier 1	
COVID 19 Coordinator ($23/hr) - 20 hours weeks	COVID	55,000	Tier 1	
Holding Park - Inclusive Playground	CIP	955,000	Tier 1	
WRC/DuBois Broadban Initiative (Northeast Area)	*BOC Approved*	*1,200,000*	Tier 1/Tier2	
TOTAL TIER ONE FUNDING			***$***	***7,298,500***
TIER TWO FUNDING				
Stormwater Improvements and Enhancements (1/2 in each tier)	CIP	$ 1,825,000	Tier 1/Tier2	
Downtown Stormwater Control Measure/Stream Restoration (Miller Park)	CIP	1,325,000	Tier 2	
Park and Downtown Wireless Connectivity/Smart City (Broadband)	CIP	505,000	Tier 2	
Replace Fire Engine Ladder (5212)	CIP	1,350,000	Tier 2	
Patrol Vehicle Replacement - catch up	CIP	225,000	Tier 2	
Personnel (Project Manager and Compliance Reporting) - 4 years	ARP	712,500	Tier 2	
Transit Expansion		750,000	Tier 2	
NE Neighborhood Improvements/Food Security	ARP	550,000	Tier 2	
TOTAL TIER TWO FUNDING			***$***	***7,242,500***
Total Estimated Costs			**$**	**14,541,000**

Capital Improvement Plan

INFORMATION TECHNOLOGY SUMMARY - BY PROJECT

	PROJECT TITLE	PRIORITY TYPE	PRIOR TO JULY 2022	2022-2023	2023-2024	2024-2025	2025-2026	2026-2027	FUTURE YEARS	TOTALS
1	Fleet Management Software	M - 3	$ -	$ 90,000	$ -	$ -	$ -	$ -	$ -	90,000
2	Hardware/Software Upgrades and Enhancements	M - 3	-	-	470,000	70,000	70,000	1,635,000	-	$ 2,245,000
3	VOIP Phone System Refresh	M - 2	-		-	-	150,000	-	-	150,000
	TOTALS		$ -	$ 90,000	$ 470,000	$ 70,000	$ 220,000	$ 1,635,000	$ -	$ 2,485,000

Priority definitions:	H	High
	M	Medium
	L	Low
Program type:	1	Health/Safety/Welfare
	2	Maintenance/Replacement
	3	Existing programs expansion
	4	New programs expansion

TOWN OF WAKE FOREST
CAPITAL IMPROVEMENTS PROGRAM
CIP UPDATE FY 2022-2027

DEPARTMENT	PROJECT MANAGER	DEPARTMENTAL PRIORITY
Fleet	Adam Oates	Medium

PROJECT TITLE
Fleet Management Software

	TYPE OF PROJECT
	1 -Health/Safety/Welfare
X	2 - Maintenance/Replacement
	3 - Existing Programs Expansion
	4 - New Program

PROJECT DESCRIPTION
Current work order system to track and monitor fleet maintenance within all Town Departments.

JUSTIFICATION
Our current fleet data base, iWorq, is outdated and may become incompatible with current practices. Current software does not allow for integration with other Town Departments (such as Finance) for billing purposes. In addition, lack of reporting of common items within fleet operations that include: Unbillable mechanic hours, vehicle down time, outstanding core credits, average cost of service, average vehicle use (miles/hours) and inventory evaluation.

PROJECT ALTERNATIVES
*Develop inhouse software.

OPERATING IMPACT/OTHER COMMENTS
Systems track costs associated per vehicle and determine schedule replacement. Controlling parts inventory cost, shop productivity and charge backs for each department.

PROJECT STATUS Continuation - FY 2020

Funds Approved to Date $ -

Funds Expended to Date $ -

CAPITAL COST BREAKDOWN	Prior to July 2022	2022-23	2023-24	2024-25	2025-26	2026-27	Future Years
Purchase	$ -	$ 90,000	$ -	$ -	$ -	$ -	$ -
Total Project Costs	$ -	$ 90,000	$ -	$ -	$ -	$ -	$ -

FUNDING SOURCE(S)	Prior to July 2022	2022-23	2023-24	2024-25	2025-26	2026-27	Future Years
General Fund	$ -	$ 90,000	$ -	$ -	$ -	$ -	$ -
Total Funding Sources	$ -	$ 90,000	$ -	$ -	$ -	$ -	$ -

TOTAL PROJECT COST: $ 90,000

TOWN OF WAKE FOREST
CAPITAL IMPROVEMENTS PROGRAM
CIP UPDATE FY 2022-2027

DEPARTMENT	PROJECT MANAGER	DEPARTMENTAL PRIORITY
Information Technology	Adam Oates	Medium

PROJECT TITLE
Hardware/Software Upgrades and Enhancements

	TYPE OF PROJECT
	1 -Health/Safety/Welfare
	2 - Maintenance/Replacement
X	3 - Existing Programs Expansion
	4 - New Program

PROJECT DESCRIPTION

1) Upgrades - purchase enhanced software modules as released to coincide with fully integrated software system. FY 23-24 - $25,000; FY 24-25 - $25,000; FY 25-26 - $25,000; FY 26-27 - $25,000
2) Integrated Enterprise Software - procurement of new fully integrated enterprise software.
FY 26-27 - $1,565,000.
3) Allow for software upgrades and license fees for new officers (Annual Project).
FY 23-24 - $45,000; FY 24-25 - $45,000; FY 25-26 - $45,000; FY 26-27 - $45,000
4) Refresh existing Communications 911 System, OSSI System Hardware and Finger Print System. FY 23-24 - $400,000.

JUSTIFICATION

1) Periodically New World Systems releases enhancements and new modules. Staff would like to be able to purchase these as they become available to further advance our efficiency.
2) Per Town standards, software maintains a useful life of ten (10) years. The Town went live with our current software application in FY 2008. This integration facilitates sufficient fiscal oversight, monitoring and built-in audit controls.
3) As software improves and new features are added, the new features could enhance and improve our current system. New Licenses will need to be purchased as employees are added.
4) Communication Center 911 Systems Refresh: A) 5 year life cycle replacement of OSSI system, audio recording system and finger print system; B) Business Continuity: As equipment ages, reliability, stability and performance will become and issue; C) As hardware failure would have an immediate impact on the employee productivity and public safety; D) Upgrade of hardware and operating system will add new features and increase performance over current system.

PROJECT ALTERNATIVES

1) Upgrades: annually projected
2) *2022-2023: ERP upgrades
3) Not add any new features to our current system or new officers to the system
4) Continue to use existing system

OPERATING IMPACT/OTHER COMMENTS

1) *Annual software maintenance and support
2) *Travel and training to attend conferences
3) In order for new officers to access the system and remain legal, we will have to continually add new licenses.
4) Most maintenance and support costs will be initially included through a purchase/lease option. Reoccurring annual support is estimated at $15,000. Obsolete systems could have an impact on public safety responsiveness. This could also cause a delay in providing assistance to citizens, other agencies, and media outlets with public record information.

PROJECT STATUS	Continuation – FY 2020		
Funds Approved to Date	$ -	*Funds Expended to Date*	$ -

CAPITAL COST BREAKDOWN	Prior to July 2022	2022-23	2023-24	2024-25	2025-26	2026-27	Future Years
Purchase	$ -	$ -	$ 70,000	$ 70,000	$ 70,000	$ 1,635,000	$ -
Equipment	-	-	400,000	-	-	-	-
Total Project Costs	$ -	$ -	$ 470,000	$ 70,000	$ 70,000	$ 1,635,000	$ -

FUNDING SOURCE(S)	Prior to July 2022	2022-23	2023-24	2024-25	2025-26	2026-27	Future Years
General Fund	$ -	$ -	$ 470,000	$ 70,000	$ 70,000	$ 1,315,000	$ -
Capital Reserve	-	-	-	-	-	320,000	-
Total Funding Sources	$ -	$ -	$ 470,000	$ 70,000	$ 70,000	$ 1,635,000	$ -

TOTAL PROJECT COST: $ 2,245,000

TOWN OF WAKE FOREST
CAPITAL IMPROVEMENTS PROGRAM
CIP UPDATE FY 2022-2027

DEPARTMENT	PROJECT MANAGER	DEPARTMENTAL PRIORITY
Information Technology	Adam Oates	Medium

PROJECT TITLE
VOIP Phone System Refresh

	TYPE OF PROJECT
	1 -Health/Safety/Welfare
X	2 - Maintenance/Replacement
	3 - Existing Programs Expansion
	4 - New Program

PROJECT DESCRIPTION
Upgrade existing VoIP hardware and related networking gear.

JUSTIFICATION
1. Hardware will be 5+ years old.
2. Four (4) to five (5) year life cycle replacement of VoIP infrastructure equipment.
3. Business Continuity: As network equipment ages; reliability, stability and performance will become an issue.
4. A hardware failure would have an immediate impact on employee productivity and services provided to our citizens.
5. Upgraded software and hardware will increase performance along with enhanced functionality over current systems.

PROJECT ALTERNATIVES
Maintain current system and application.

OPERATING IMPACT/OTHER COMMENTS
Extended service maintenance will be purchased on the front end included in the requested budget.

PROJECT STATUS Continuation - FY 2021

Funds Approved to Date $ -

Funds Expended to Date $ -

CAPITAL COST BREAKDOWN	Prior to July 2022	2022-23	2023-24	2024-25	2025-26	2026-27	Future Years
Purchase	$ -	$ -	$ -	$ -	$ 150,000	$ -	$ -
Equipment	-	-	-	-	-	-	-
Total Project Costs	$ -	$ -	$ -	$ -	$ 150,000	$ -	$ -

FUNDING SOURCE(S)	Prior to July 2022	2022-23	2023-24	2024-25	2025-26	2026-27	Future Years
General Fund	$ -	$ -	$ -	$ -	$ 150,000	$ -	$ -
Total Funding Sources	$ -	$ -	$ -	$ -	$ 150,000	$ -	$ -

TOTAL PROJECT COST: $ 150,000

Capital Improvement Plan

PUBLIC FACILITIES SUMMARY - BY PROJECT

	PROJECT TITLE	PRIORITY TYPE	PRIOR TO JULY 2022	2022-2023	2023-2024	2024-2025	2025-2026	2026-2027	FUTURE YEARS	TOTALS
1	ADA Improvements for Compliance	H - 1	$ -	$ 120,000	$ -	$ 50,000	$ 50,000	$ 50,000	$ 150,000	420,000
2	Evidence Room at Main Police Station	M - 3	-	21,500	439,000	-	-	-	-	460,500
3	Fire Training Deck Rebuild	H - 1	-	48,000	-	-	-	-	-	48,000
4	Facility Space Planning	M - 3	-	-	40,000	40,000	-	-	-	80,000
5	Public Facilities Plan - Expansion & Upgrades	M - 3	-	-	-	647,500	1,239,500	2,542,500	-	4,429,500
6	Flaherty Community Center Office	M - 3	-	-	-	-	33,000	325,000	-	358,000
7	Parks and Recreation Maintenance Building #2	M - 3	-	-	-	-	-	-	479,400	479,400
8	New Police Station	M - 3	-	-	-	-	-	-	26,085,500	26,085,500
	TOTALS		$ -	$ 189,500	$ 479,000	$ 737,500	$ 1,322,500	$ 2,917,500	$ 26,714,900	$ 32,360,900

Priority definitions:	H	High
	M	Medium
	L	Low
Program type:	1	Health/Safety/Welfare
	2	Maintenance/Replacement
	3	Existing programs expansion
	4	New programs expansion

TOWN OF WAKE FOREST
CAPITAL IMPROVEMENTS PROGRAM
CIP UPDATE FY 2022-2027

DEPARTMENT	PROJECT MANAGER	DEPARTMENTAL PRIORITY
Public Facilities	Mickey Rochelle	High

PROJECT TITLE
ADA Improvements for Compliance

TYPE OF PROJECT	
X	1 -Health/Safety/Welfare
	2 - Maintenance/Replacement
	3 - Existing Programs Expansion
	4 - New Program

PROJECT DESCRIPTION
ADA Compliance

JUSTIFICATION
Title II of the 2010 Standards require local governments to have accessibility in all programs, media, and facility access. The Transition Plan has been completed for Parks and Recreation. Funding for the Northeast Neighborhood Plan is allocated in FY 22-23 along with Public Rights of Ways and the remainder of buildings to be added to the CIP starting in FY 2024-25. The amounts reflected in FY 2022-2027 are currently included in the Transition Plan and will increase with final Transition Plan.

PROJECT ALTERNATIVES
N/A

OPERATING IMPACT/OTHER COMMENTS
*Provide better access for individuals with disabilities
*Reduced ADA complaints
*Legal obligation

PROJECT STATUS Continuation - FY 2019

Funds Approved to Date $ -

Funds Expended to Date $ -

CAPITAL COST BREAKDOWN	Prior to July 2022	2022-23	2023-24	2024-25	2025-26	2026-27	Future Years
Construction	$ -	$ 120,000	$ -	$ 50,000	$ 50,000	$ 50,000	$ 150,000
Other	-	-	-	-	-	-	-
Total Project Costs	$ -	$ 120,000	$ -	$ 50,000	$ 50,000	$ 50,000	$ 150,000

FUNDING SOURCE(S)	Prior to July 2022	2022-23	2023-24	2024-25	2025-26	2026-27	Future Years
General Fund	$ -	$ 120,000	$ -	$ 50,000	$ 50,000	$ 50,000	$ 150,000
Total Funding Sources	$ -	$ 120,000	$ -	$ 50,000	$ 50,000	$ 50,000	$ 150,000

TOTAL PROJECT COST: $ 420,000

TOWN OF WAKE FOREST
CAPITAL IMPROVEMENTS PROGRAM
CIP UPDATE FY 2022-2027

DEPARTMENT	PROJECT MANAGER	DEPARTMENTAL PRIORITY
Public Facilities	Mickey Rochelle	Medium

PROJECT TITLE
Evidence Room at Main Police Station

	TYPE OF PROJECT
	1 -Health/Safety/Welfare
	2 - Maintenance/Replacement
X	3 - Existing Programs Expansion
	4 - New Program

PROJECT DESCRIPTION
Construct approximately 900 square feet to the north end of the police department to be used as an evidence room.

JUSTIFICATION
Due to regulation changes and the need to keep evidence longer the department is out growing the current evidence room.

PROJECT ALTERNATIVES
N/A

OPERATING IMPACT/OTHER COMMENTS
Additional utilities and maintenance of approximately $1,500 annually.

PROJECT STATUS Continuation - FY 2016

Funds Approved to Date $ -

Funds Expended to Date $ -

CAPITAL COST BREAKDOWN	Prior to July 2022	2022-23	2023-24	2024-25	2025-26	2026-27	Future Years
Planning & Engineering	$ -	$ 15,000	$ -	$ -	$ -	$ -	$ -
Construction	-	-	300,000	-	-	-	-
Equipment	-	-	50,000	-	-	-	-
Contingency	-	6,300	84,500	-	-	-	-
Other	-	200	4,500	-	-	-	-
Total Project Costs	$ -	$ 21,500	$ 439,000	$ -	$ -	$ -	$ -

FUNDING SOURCE(S)	Prior to July 2022	202-23	2023-24	2024-25	2025-26	2026-27	Future Years
General Fund	$ -	$ 21,500	$ 439,000	$ -	$ -	$ -	$ -
Total Funding Sources	$ -	$ 21,500	$ 439,000	$ -	$ -	$ -	$ -

TOTAL PROJECT COST: **$ 460,500**

TOWN OF WAKE FOREST
CAPITAL IMPROVEMENTS PROGRAM
CIP UPDATE FY 2022-2027

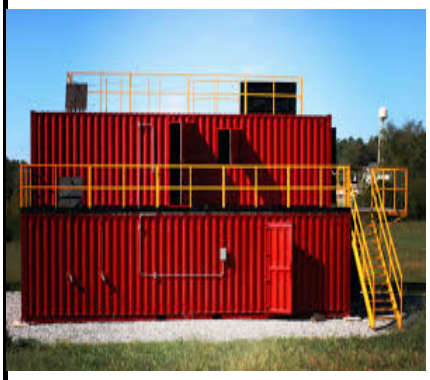
DEPARTMENT	PROJECT MANAGER	DEPARTMENTAL PRIORITY
Public Facilities	Mickey Rochelle	HIgh

PROJECT TITLE
Training Deck Rebuild

TYPE OF PROJECT	
X	1 -Health/Safety/Welfare
	2 - Maintenance/Replacement
	3 - Existing Programs Expansion
	4 - New Program

PROJECT DESCRIPTION
Remove and rebuild deck on training conex units

JUSTIFICATION
The current deck is in need of repair and needs to be larger to accommodate firefighters safely. Currently, if some conex doors get opened and an individual steps out from inside they could risk falling approximately 8 feet onto the ground. The project requirement is that the town produce drawings necessary for permitting, bidding, and construction removal and replacement of the Training Facility Deck at the Wake Forest Fire Department #1. The new deck will be larger than the existing deck with footprint dimensions of 8' wide X 40' in length including a new staircase. The new deck will be elevated one story like the existing deck. It is understood that the new deck is to accommodate a 10,000 lb. load for firefighters and equipment. The proposed scope of work includes concrete footings and the deck framing with associated staircase and guardrails.



PROJECT ALTERNATIVES
Discontinue training on site.

OPERATING IMPACT/OTHER COMMENTS
The ability to provide safe training onsite. More room to train as needed and required.

PROJECT STATUS New Project - 2023

Funds Approved to Date $ -

Funds Expended to Date $ -

CAPITAL COST BREAKDOWN	Prior to July 2022	2022-23	2023-24	2024-25	2025-26	2026-27	Future Years
Planning & Engineering	$ -	$ 7,000	$ -	$ -	$ -	$ -	$ -
Purchase	-	-	-	-	-	-	-
Construction	-	30,000	-	-	-	-	-
Equipment	-	-	-	-	-	-	-
Contingency	-	11,000	-	-	-	-	-
Total Project Costs	$ -	$ 48,000	$ -	$ -	$ -	$ -	$ -

FUNDING SOURCE(S)	Prior to July 2022	2022-23	2023-24	2024-25	2025-26	2026-27	Future Years
General Fund	$ -	$ 48,000	$ -	$ -	$ -	$ -	$ -
Other	-	-	-	-	-	-	-
Total Funding Sources	$ -	$ 48,000	$ -	$ -	$ -	$ -	$ -

TOTAL PROJECT COST: $ 48,000

TOWN OF WAKE FOREST
CAPITAL IMPROVEMENTS PROGRAM
CIP UPDATE FY 2022-2027

DEPARTMENT	PROJECT MANAGER	DEPARTMENTAL PRIORITY
Public Facilities	Mickey Rochelle	Medium

PROJECT TITLE
Facility Space Planning

	TYPE OF PROJECT
	1 -Health/Safety/Welfare
	2 - Maintenance/Replacement
X	3 - Existing Programs Expansion
	4 - New Program

PROJECT DESCRIPTION
Space planning for future needs as the Town grows. This includes locations for employees.

JUSTIFICATION
The Town is rapidly growing and renovations are being made to renovations trying to accompdate staff and equipment. This will give the Town a plan for future years in order to accomodate facility needs. This can be completed in two phases or combned into one.
Phase One:
•Under general direction of the Facilities Director, performs complex statistical, spatial and graphic data analysis and provides a high level of coordination and technical services for the planning and development of Town projects associated with renovations and new construction. The deliverable for this project would be to develop, implement and maintain a master facilities plan for the Town to serve as the primary resource for all technical problems and questions regarding the management and analyses of data used in capital and space planning.
•Coordinate the development of space inventory data; manages information to analyze current space and town facility planning. Makes recommendations to integrate into master plan, strategic plan and facilities planning issues.
•Performs needs assessments for determining actual facilities, land use and space characteristics; develops space utilization recommendations and solutions to unique project planning, engineering and administrative problems as needed. Phase two: •Establishes and implements methods, systems and procedures to systematically collect, update and measure data integrity related to project planning, design and construction of facilities.
•Manages data and construction documents including campus space standards, drawings, specifications, campus maps, off campus leases, records and correspondence.
•Prepares plans for Master Plan of physical facilities which identify major land uses, building sites, location of utilities, flood control, parking and transportation, open and recreational spaces, community and residential impact.

PROJECT ALTERNATIVES
Continue making changes to facilities that are often leading to renovations being renovated within two to three years.

OPERATING IMPACT/OTHER COMMENTS
Easier to plan financially what will be needed. Facilities that will accommodate employees.

PROJECT STATUS New Project - FY 2023

Funds Approved to Date $ -

Funds Expended to Date $ -

CAPITAL COST BREAKDOWN	Prior to July 2022	2022-23	2023-24	2024-25	2025-26	2026-27	Future Years
Planning & Engineering	$ -	$ -	$ 40,000	$ 40,000	$ -	$ -	$ -
Total Project Costs	$ -	$ -	$ 40,000	$ 40,000	$ -	$ -	$ -

FUNDING SOURCE(S)	Prior to July 2022	2022-23	2023-24	2024-25	2025-26	2026-27	Future Years
General Fund	$ -	$ -	$ 40,000	$ 40,000	$ -	$ -	$ -
Total Funding Sources	$ -	$ -	$ 40,000	$ 40,000	$ -	$ -	$ -

TOTAL PROJECT COST: $ 80,000

TOWN OF WAKE FOREST
CAPITAL IMPROVEMENTS PROGRAM
CIP UPDATE FY 2022-2027

DEPARTMENT	PROJECT MANAGER	DEPARTMENTAL PRIORITY
Public Facilities	Mickey Rochelle	Medium

PROJECT TITLE
Public Facilities Plan - Expansion & Upgrades

	TYPE OF PROJECT
	1 -Health/Safety/Welfare
	2 - Maintenance/Replacement
X	3 - Existing Programs Expansion
	4 - New Program

PROJECT DESCRIPTION
Projected upcoming needs to expand and upgrade staffing facilities.

JUSTIFICATION
Staffing needs continue to paralell with the growth of the Town. More space for staff, equipment and project work will be needed to maintain exisiting service levels. The Public Facilities Plan listed below will address the future expansion and upgrades.

PUBLIC FACILITIES PLAN SCHEDULE/LOCATION
1)Emergency Standby Generator - 317 Brooks St. - FY 24-25 ($47,500)
2)New Public Facilities Building - TBD - FY 24-25 ($535,000), FY 25-26 ($34,500), FY 26-27 ($2,542,500)
3)Fire Station #1 Remodel - 420 Elm Ave. - FY 24-25 ($65,000), FY 25-26 ($1,205,000)

PROJECT ALTERNATIVES
N/A

OPERATING IMPACT/OTHER COMMENTS
Staff facilities would be able operate in the most efficient manner possible with less crowding and increased productivity. Availability to grow with the Town as needed.

PROJECT STATUS New Project - FY 2023

Funds Approved to Date $ -

Funds Expended to Date $ -

CAPITAL COST BREAKDOWN	Prior to July 2022	2022-23	2023-24	2024-25	2025-26	2026-27	Future Years
Planning & Engineering	$ -	$ -	$ -	$ 50,000	$ 25,000	$ -	$ -
Purchase	-	-	-	545,000	-	-	-
Construction	-	-	-	-	950,000	2,000,000	-
Equipment	-	-	-	-	-	-	-
Contingency	-	-	-	52,500	264,500	540,000	-
Other	-	-	-	-	-	2,500	-
Total Project Costs	$ -	$ -	$ -	$ 647,500	$ 1,239,500	$ 2,542,500	$ -

FUNDING SOURCE(S)	Prior to July 2022	2022-23	2023-24	2024-25	2025-26	2026-27	Future Years
General Fund	$ -	$ -	$ -	$ 647,500	$ 1,205,000	$ -	$ -
Installment Purchase	-	-	-	-	34,500	2,542,500	-
Total Funding Sources	$ -	$ -	$ -	$ 647,500	$ 1,239,500	$ 2,542,500	$ -

TOTAL PROJECT COST: $ 4,429,500

TOWN OF WAKE FOREST
CAPITAL IMPROVEMENTS PROGRAM
CIP UPDATE FY 2022-2027

DEPARTMENT	PROJECT MANAGER	DEPARTMENTAL PRIORITY
Public Facilities	Mickey Rochelle	Medium

PROJECT TITLE
Flaherty Community Center Office

	TYPE OF PROJECT
	1 -Health/Safety/Welfare
	2 - Maintenance/Replacement
X	3 - Existing Programs Expansion
	4 - New Program

PROJECT DESCRIPTION
Design and construct approximately 1,000 square feet of office space for future staffing needs at Flaherty Community Center

JUSTIFICATION
Parks and Recreation plans to convert two part-time positions to one full-time. This would be used as an office for that employee. The center currently has one reception and office combination.

PROJECT ALTERNATIVES
Delay hiring a full time employee or allow them to work together in the existing office area.

OPERATING IMPACT/OTHER COMMENTS
Additional utility cost and maintenance of approximately $1,800 per year. Staff will also be required.

PROJECT STATUS Continuation - FY 2014

Funds Approved to Date $ -

Funds Expended to Date $ -

CAPITAL COST BREAKDOWN	Prior to July 2022	2022-23	2023-24	2024-25	2025-26	2026-27	Future Years
Planning & Engineering	$ -	$ -	$ -	$ -	$ 25,000	$ -	$ -
Construction	-	-	-	-	-	250,000	-
Equipment	-	-	-	-	-	4,000	-
Contingency	-	-	-	-	8,000	67,700	-
Other	-	-	-	-	-	3,300	-
Total Project Costs	$ -	$ -	$ -	$ -	$ 33,000	$ 325,000	$ -

FUNDING SOURCE(S)	Prior to July 2022	2022-23	2023-24	2024-25	2025-26	2026-27	Future Years
GO Bonds - FY 2024 Referendum	$ -	$ -	$ -	$ -	$ 33,000	$ 325,000	$ -
Total Funding Sources	$ -	$ -	$ -	$ -	$ 33,000	$ 325,000	$ -

TOTAL PROJECT COST: $ 358,000

TOWN OF WAKE FOREST
CAPITAL IMPROVEMENTS PROGRAM
CIP UPDATE FY 2022-2027

DEPARTMENT	PROJECT MANAGER	DEPARTMENTAL PRIORITY
Public Facilities	Mickey Rochelle	Medium

PROJECT TITLE
Parks and Recreation Maintenance Building #2

	TYPE OF PROJECT
	1 -Health/Safety/Welfare
	2 - Maintenance/Replacement
X	3 - Existing Programs Expansion
	4 - New Program

PROJECT DESCRIPTION
Satellite location for maintenance.

JUSTIFICATION
With additional greenways, staff, and equipment being added space is needed to accommodate. This location would be on the south side of town to reduce daily travel. This building would be located by a greenway and will include a public restroom with an exterior entrance. A fenced yard would be included for future equipment. The building would be approximately 3,000 square feet and a gravel lot. The intent for this building is to be located at the Smith Creek Trailhead near the Raleigh Waste Water Treatment Plant.

PROJECT ALTERNATIVES	OPERATING IMPACT/OTHER COMMENTS
Continue working from existing location.	Additional utilities and maintenance of $15,000 approximately per year which will depend on final design.

PROJECT STATUS	Continuation - FY 2016		
Funds Approved to Date	$ -	*Funds Expended to Date*	$ -

CAPITAL COST BREAKDOWN	Prior to July 2022	2022-23	2023-24	2024-25	2025-26	2026-27	Future Years
Planning & Engineering	$ -	$ -	$ -	$ -	$ -	$ -	$ 35,000
Construction	-	-	-	-	-	-	400,000
Equipment	-	-	-	-	-	-	-
Contingency	-	-	-	-	-	-	40,000
Other-PAC	-	-	-	-	-	-	4,400
Total Project Costs	$ -	$ -	$ -	$ -	$ -	$ -	$ 479,400

FUNDING SOURCE(S)	Prior to July 2021	2022-23	2023-24	2024-25	2025-26	2026-27	Future Years
GO Bonds - FY 2024 Referendum	-	-	-	-	-	-	479,400
Total Funding Sources	$ -	$ -	$ -	$ -	$ -	$ -	$ 479,400

TOTAL PROJECT COST: $ 479,400

TOWN OF WAKE FOREST
CAPITAL IMPROVEMENTS PROGRAM
CIP UPDATE FY 2022-2027

DEPARTMENT	PROJECT MANAGER	DEPARTMENTAL PRIORITY
Public Facilities	Mickey Rochelle	Medium

PROJECT TITLE
New Police Station

	TYPE OF PROJECT
	1 -Health/Safety/Welfare
	2 - Maintenance/Replacement
X	3 - Existing Programs Expansion
	4 - New Program

PROJECT DESCRIPTION
New police station including design, engineering, and construction.

JUSTIFICATION
A space analysis was conducted by an architectural firm to project the scope of a new police station. This was done in conjunction with a master plan to accommodate the needs of perspective departments that would be housed on town hall campus. The project will include preliminary plans, construction documents, technology, furniture, and contingency funds.

PROJECT ALTERNATIVES
*Establish precincts by leasing office space at appropriate locations.

OPERATING IMPACT/OTHER COMMENTS
Additional utilities and maintenance including cleaning of approximately $95,000 annually. Cost would vary depending on usage of buildings.

PROJECT STATUS Continuation - FY 2014

Funds Approved to Date $ -

Funds Expended to Date $ -

CAPITAL COST BREAKDOWN	Prior to July 2022	2022-23	2023-24	2024-25	2025-26	2026-27	Future Years
Planning & Engineering	$ -	$ -	$ -	$ -	$ -	$ -	$ 1,750,000
Purchase	-	-	-	-	-	-	1,200,000
Construction	-	-	-	-	-	-	18,000,000
Contingency	-	-	-	-	-	-	4,875,500
Other	-	-	-	-	-	-	260,000
Total Project Costs	$ -	$ -	$ -	$ -	$ -	$ -	$ 26,085,500

FUNDING SOURCE(S)	Prior to July 2022	2022-23	2023-24	2024-25	2025-26	2026-27	Future Years
General Fund	$ -	$ -	$ -	$ -	$ -	$ -	$ 260,000
Installment Purchase	-	-	-	-	-	-	25,825,500
Total Funding Sources	$ -	$ -	$ -	$ -	$ -	$ -	$ 26,085,500

TOTAL PROJECT COST: $ 26,085,500

Capital Improvement Plan

POLICE SUMMARY - BY PROJECT

	PROJECT TITLE	PRIORITY TYPE	PRIOR TO JULY 2022	2022-2023	2023-2024	2024-2025	2025-2026	2026-2027	FUTURE YEARS	TOTALS
1	Patrol Vehicles Additional	M - 3	$ -	$ 225,000	$ 415,000	$ -	$ 425,000	$ -	$ -	$ 1,065,000
2	Mobile Command Vehicle - Additional	M - 4	-	-	-	325,000	-	-	-	325,000
	TOTALS		$ -	$ 225,000	$ 415,000	$ 325,000	$ 425,000	$ -	$ -	$ 1,390,000

Priority definitions:	H	High
	M	Medium
	L	Low
Program type:	1	Health/Safety/Welfare
	2	Maintenance/Replacement
	3	Existing programs expansion
	4	New programs expansion

TOWN OF WAKE FOREST
CAPITAL IMPROVEMENTS PROGRAM
CIP UPDATE FY 2022-2027

DEPARTMENT	PROJECT MANAGER	DEPARTMENTAL PRIORITY
Police	Jeffrey M. Leonard	Medium

PROJECT TITLE
Patrol Vehicles Additional

	TYPE OF PROJECT
	1 -Health/Safety/Welfare
	2 - Maintenance/Replacement
X	3 - Existing Programs Expansion
	4 - New Program

PROJECT DESCRIPTION
Purchase new vehicles per state contract specifications for requested additional positions.

JUSTIFICATION
Population and call volume are continuing to increase, as the town is still developing both commercially and residentially at a fast pace. The increased territory and the time to patrol has increased. To keep pace with this growth new personnel will be needed to maintain the current level of service. These vehicles reduce the geographical areas of responsibility and adds to ancillary functions that assist in targeting high crime areas and answering calls for service.

PROJECT ALTERNATIVES
Personnel additions would not be effective without the addition of new vehicles. No alternatives are available.

OPERATING IMPACT/OTHER COMMENTS
*The department utilizes a vehicle per officer, which has reduced maintenance costs.

PROJECT STATUS Annual Project

Funds Approved to Date $ -

Funds Expended to Date $ -

CAPITAL COST BREAKDOWN	Prior to July 2022	2022-23	2023-24	2024-25	2025-26	2026-27	Future Years
Purchase	$ -	$ 225,000	$ 414,000	$ -	$ 423,000	$ -	$ -
Total Project Costs	$ -	$ 225,000	$ 414,000	$ -	$ 423,000	$ -	$ -

FUNDING SOURCE(S)	Prior to July 2022	2022-23	2023-24	2024-25	2025-26	2026-27	Future Years
Installment Purchase	$ -	$ 225,000	$ 415,000	$ -	$ 425,000	$ -	$ -
Total Funding Sources	$ -	$ 225,000	$ 415,000	$ -	$ 425,000	$ -	$ -

TOTAL PROJECT COST: **$ 1,065,000**

TOWN OF WAKE FOREST
CAPITAL IMPROVEMENTS PROGRAM
CIP UPDATE FY 2022-2027

DEPARTMENT	PROJECT MANAGER	DEPARTMENTAL PRIORITY
Police	Jeffrey M. Leonard	Medium

PROJECT TITLE
Mobile Command Vehicle

	TYPE OF PROJECT
	1 -Health/Safety/Welfare
	2 - Maintenance/Replacement
	3 - Existing Programs Expansion
X	4 - New Program

PROJECT DESCRIPTION
Obtain a mobile command vehicle to provide a back-up communication and operational function for the Police Department and town.

JUSTIFICATION
A mobile command vehicle would provide the Police Department and town with a versatile asset to continue service in a mobile platform. This vehicle could be used as a command post at major crime scenes, natural disasters, and town events by providing conference rooms, communications capabilities, video capabilities, and exterior lighting. Mobile command vehicles allow for a quick response and transferability of services at a moment's notice.

PROJECT ALTERNATIVES
Continue operation without a command vehicle and use other agencies vehicles, if available.

OPERATING IMPACT/OTHER COMMENTS
A mobile command center could be used to assist other agencies and Town functions. This asset could be used as a temporary back-up communication center, command center for public safety, and a command center for Town operations and events, if the Town Hall was inoperable.

PROJECT STATUS	Continuation - FY 2017		
Funds Approved to Date	$ -	*Funds Expended to Date*	$ -

CAPITAL COST BREAKDOWN	Prior to July 2022	2022-23	2023-24	2024-25	2025-26	2026-27	Future Years
Purchase	$ -	$ -	$ -	$ 325,000	$ -	$ -	$ -
Other	-	-	-	-	-	-	-
Total Project Costs	$ -	$ -	$ -	$ 325,000	$ -	$ -	$ -

FUNDING SOURCE(S)	Prior to July 2022	2022-23	2023-24	2024-25	2025-26	2026-27	Future Years
Installment Purchase	$ -	$ -	$ -	$ 325,000	$ -	$ -	$ -
Total Funding Sources	$ -	$ -	$ -	$ 325,000	$ -	$ -	$ -

TOTAL PROJECT COST: $ 325,000

Capital Improvement Plan

FIRE DEPARTMENT SUMMARY - BY PROJECT

	PROJECT TITLE	PRIORITY TYPE	PRIOR TO JULY 2022	2022-2023	2023-2024	2024-2025	2025-2026	2026-2027	FUTURE YEARS	TOTALS
1	Portable & Mobile Radios Replacement	H - 2	$ -	$ 110,000	$ 125,000	$ -	$ -	$ -	$ -	$ 235,000
2	Fire Logistics Facility	M - 3	-	75,000	1,125,000	-	-	-	-	1,200,000
3	Fire Station #6 Construction and Apparatus	H - 3	-	1,500,000	-	410,000	3,175,000	700,000	-	5,785,000
	TOTALS		$ -	$ 1,685,000	$ 1,250,000	$ 410,000	$ 3,175,000	$ 700,000	$ -	$ 7,220,000

Priority definitions:	H	High
	M	Medium
	L	Low
Program type:	1	Health/Safety/Welfare
	2	Maintenance/Replacement
	3	Existing programs expansion
	4	New programs expansion

TOWN OF WAKE FOREST
CAPITAL IMPROVEMENTS PROGRAM
CIP UPDATE FY 2022-2027

DEPARTMENT	PROJECT MANAGER	DEPARTMENTAL PRIORITY
Wake Forest Fire Department	Ron Early	High

PROJECT TITLE
Mobile & Portable Radios Replacement

	TYPE OF PROJECT
	1 -Health/Safety/Welfare
X	2 - Maintenance/Replacement
	3 - Existing Programs Expansion
	4 - New Program

PROJECT DESCRIPTION
Mobile & Portable Radios Replacement

JUSTIFICATION
Preparing for the (TDMA) Time Division Multiple Access, The State of North Carolina is starting in 2021 to not assign any new identification numbers for radios in which they will totally switch over to this system by 2024. Franklin County is already using the TDMA system and WFFD cannot communicate with neighboring jurisdictions at this time. If WFFD does not purchase these radios by the 2024 deadline, we will not have emergency communications and be unable to communications with each other and with the central dispatch.
PRIORITIES
FY 22-23 - (9 Portable & 5 Mobile) - $110,000
FY 23-24 - (11 Portable & 5 Mobile) - $125,000

PROJECT ALTERNATIVES
N/A.

OPERATING IMPACT/OTHER COMMENTS
If these radios are not purchased, WFFD will no longer have communications.

PROJECT STATUS Continuation - FY 2021

Funds Approved to Date $ -

Funds Expended to Date $ -

CAPITAL COST BREAKDOWN	Prior to July 2022	2022-23	2023-24	2024-25	2025-26	2026-27	Future Years
Purchase	$ -	$ 110,000	$ 125,000	$ -	$ -	$ -	$ -
Total Project Costs	$ -	$ 110,000	$ 125,000	$ -	$ -	$ -	$ -

FUNDING SOURCE(S)	Prior to July 2022	2022-23	2023-24	2024-25	2025-26	2026-27	Future Years
General Fund	$ -	$ 110,000	$ 125,000	$ -	$ -	$ -	$ -
Total Funding Sources	$ -	$ 110,000	$ 125,000	$ -	$ -	$ -	$ -

TOTAL PROJECT COST: $ 235,000

TOWN OF WAKE FOREST
CAPITAL IMPROVEMENTS PROGRAM
CIP UPDATE FY 2022-2027

DEPARTMENT	PROJECT MANAGER	DEPARTMENTAL PRIORITY
Wake Forest Fire Department	Ron Early	Medium

PROJECT TITLE
Fire Logistics Facility

	TYPE OF PROJECT
	1 -Health/Safety/Welfare
	2 - Maintenance/Replacement
X	3 - Existing Programs Expansion
	4 - New Program

PROJECT DESCRIPTION
Wake Forest Fire Department (WFFD) needs warehouse space to store reserve equipment and supplies.

JUSTIFICATION
Currently, WFFD is storing all reserve apparatus, supplies, and equipment. The stations are becoming crowded and could potentially be unsafe to walk in or around. This facility would strictly be used for storage (not for office space or response).

PROJECT ALTERNATIVES
N/A.

OPERATING IMPACT/OTHER COMMENTS
Additional utilities and maintenance will be need to be accounted for upon completion of this project.

PROJECT STATUS Continuation - FY 2021

Funds Approved to Date $ -

Funds Expended to Date $ -

CAPITAL COST BREAKDOWN	Prior to July 2022	2022-23	2023-24	2024-25	2025-26	2026-27	Future Years
Planning & Engineering	$ -	$ 75,000	$ -	$ -	$ -	$ -	$ -
Purchase	-	-	-	-	-	-	-
Construction	-	-	860,000	-	-	-	-
Equipment	-	-	-	-	-	-	-
Contingency	-	-	265,000	-	-	-	-
Other	-	-	-	-	-	-	-
Total Project Costs	$ -	$ 75,000	$ 1,125,000	$ -	$ -	$ -	$ -

FUNDING SOURCE(S)	Prior to July 2022	2022-23	2023-24	2024-25	2025-26	2026-27	Future Years
Fire Impact Fees	$ -	$ 75,000	$ 1,125,000	$ -	$ -	$ -	$ -
Total Funding Sources	$ -	$ 75,000	$ 1,125,000	$ -	$ -	$ -	$ -

TOTAL PROJECT COST: $ 1,200,000

TOWN OF WAKE FOREST
CAPITAL IMPROVEMENTS PROGRAM
CIP UPDATE FY 2022-2027

DEPARTMENT	PROJECT MANAGER	DEPARTMENTAL PRIORITY
Wake Forest Fire Department	Ron Early	High

PROJECT TITLE
Construction of Fire Station #6 and Apparatus

	TYPE OF PROJECT
	1 -Health/Safety/Welfare
	2 - Maintenance/Replacement
X	3 - Existing Programs Expansion
	4 - New Program

PROJECT DESCRIPTION
Based on growth trends in population and buildings, we will need to construct an additional station (#6) and add a staffed Engine Company approximately by FY 2025 -2026.

JUSTIFICATION
Based on a recent ISO classification, we have a need for additional ladder companies because of the amount of tall buildings within the Town limits. The station that the ladder will be located is already in place. We are evaluating growth trends and response times throughout the Town and based on those trends it will be necessary to add an additional Station on the North/East or East side of the Town. As part of our evaluation process, we will be able to determine the best location and timing of when the station will need to be constructed.

PROJECT ALTERNATIVES

N/A.

OPERATING IMPACT/OTHER COMMENTS

The project will be completed using mostly fire impact fees, loans and tax revenues. The next station and Engine should be in place by FY 2025-2026. This will cover the cost of 15 additional firefighters, building and apparatus.

PROJECT STATUS	Continuation - FY 2017		
Funds Approved to Date	$ -	*Funds Expended to Date*	$ -

CAPITAL COST BREAKDOWN	Prior to July 2022	2022-23	2023-24	2024-25	2025-26	2026-27	Future Years
Planning & Engineering	$ -	$ -	$ 300,000	$ -	$ -	$ -	$ -
Purchase	-	1,500,000	-	-	700,000	-	-
Construction	-	-	-	2,500,000	-	-	-
Equipment	-	-	-	-	-	-	-
Contingency	-	-	110,000	675,000	-	-	-
Other	-	-	-	-	-	-	-
Total Project Costs	$ -	$ 1,500,000	$ 410,000	$ 3,175,000	$ 700,000	$ -	$ -

FUNDING SOURCE(S)	Prior to July 2022	2022-23	2023-24	2024-25	2025-26	2026-27	Future Years
General Fund	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Installment Purchase	-	-	410,000	3,175,000	700,000	-	-
Fire Impact Fees	-	1,500,000	-	-	-	-	-
Total Funding Sources	$ -	$ 1,500,000	$ 410,000	$ 3,175,000	$ 700,000	$ -	$ -

TOTAL PROJECT COST: $ 5,785,000

Capital Improvement Plan

STREETS SUMMARY - BY PROJECT

	PROJECT TITLE	PRIORITY TYPE	PRIOR TO JULY 2022	2022-2023	2023-2024	2024-2025	2025-2026	2026-2027	FUTURE YEARS	TOTALS
1	Transportation New Sidewalk Projects	M - 3	$ 100,000	$ 100,000	$ 100,000	$ 100,000	$ 100,000	$ 100,000	$ -	600,000
2	Town Roadway Lighting	M - 1	100,000	50,000	50,000	50,000	50,000	50,000	-	350,000
3	Vehicle Addition - Single Axle Dump Truck	M - 3	-	215,000	-	-	240,000		-	455,000
4	Town Wide Wayfinding Designs/Signage	M - 3	-	250,000	250,000	-	-	-	-	500,000
5	Vehicle Addition - Service Truck	M - 3	-	70,000	-	-	-	-	-	70,000
6	Vehicle Addition - Mini Excavator	M - 3	-	140,000	-	-	-	-	-	140,000
7	Small Concrete Mixing Truck	M - 3	-	-	270,000	-	-	-	-	270,000
8	RAVO Street Sweeper	M - 3	-	-	280,000	-	-	-	-	280,000
	TOTALS		$ 200,000	$ 825,000	$ 950,000	$ 150,000	$ 390,000	$ 150,000	$ -	$ 2,665,000

Priority definitions:	H	High
	M	Medium
	L	Low
Program type:	1	Health/Safety/Welfare
	2	Maintenance/Replacement
	3	Existing programs expansion
	4	New programs expansion

TOWN OF WAKE FOREST

CAPITAL IMPROVEMENTS PROGRAM

CIP UPDATE FY 2022-2027

DEPARTMENT	PROJECT MANAGER	DEPARTMENTAL PRIORITY
Streets	Tim Bailey	Medium

PROJECT TITLE
Transportation New Sidewalk Projects

	TYPE OF PROJECT
	1 -Health/Safety/Welfare
	2 - Maintenance/Replacement
X	3 - Existing Programs Expansion
	4 - New Program

PROJECT DESCRIPTION

Continued construction of new approved sidewalk plan.

JUSTIFICATION

Construction of sidewalks is consistent with town policy and is mandated by the UDO for new development. The amounts reflect costs as identified in the transportation plan. Originally set to begin in FY 2017-18, through 2020-21, expanded thru 2025-26 to reflect consistent growth throughout the Town and time needed to acquire ROW.

PRIORITIES

North White Street- Roosevelt to Flaherty
North Avenue- Start to End
Roosevelt- Front Street to Wait Ave
Woodland Drive - .35 mi
S. Wingate - .21 mi
Amherst Creek Drive - .23 mi

PROJECT ALTERNATIVES

Contract work at a higher cost.

OPERATING IMPACT/OTHER COMMENTS

This item moved to Funding Level 1 by Board of Commissioners in 1998.

PROJECT STATUS	Continuation - FY 2018
Funds Approved to Date	$ 100,000

Funds Expended to Date	$ 6,732

CAPITAL COST BREAKDOWN	Prior to July 2022	2022-23	2023-24	2024-25	2025-26	2026-27	Future Years
Planning & Engineering	$ 5,000	$ 5,000	$ 5,000	$ 5,000	$ 5,000	$ 5,000	$ -
Construction	95,000	95,000	95,000	95,000	95,000	95,000	-
Other	-	-	-	-	-	-	-
Total Project Costs	$ 100,000	$ 100,000	$ 100,000	$ 100,000	$ 100,000	$ 100,000	$ -

FUNDING SOURCE(S)	Prior to July 2022	2022-23	2023-24	2024-25	2025-26	2026-27	Future Years
General Fund	$ 100,000	$ 100,000	$ 100,000	$ 100,000	$ 100,000	$ 100,000	$ -
	-	-	-	-	-	-	-
Total Funding Sources	$ 100,000	$ 100,000	$ 100,000	$ 100,000	$ 100,000	$ 100,000	$ -

TOTAL PROJECT COST: $ 600,000

TOWN OF WAKE FOREST

CAPITAL IMPROVEMENTS PROGRAM

CIP UPDATE FY 2022-2027

DEPARTMENT	PROJECT MANAGER	DEPARTMENTAL PRIORITY
Streets	Tim Bailey	Medium

PROJECT TITLE
Town Roadway Lighting

TYPE OF PROJECT	
X	1 -Health/Safety/Welfare
	2 - Maintenance/Replacement
	3 - Existing Programs Expansion
	4 - New Program

PROJECT DESCRIPTION

Lighting Town roadways according to NCDOT and ASHTO standards.

JUSTIFICATION

For the safety of our citizens, it staff recommends lighting the roadways of Wake Forest. This project is for lighting along town owned roads not in the Wake Power service district. The Town's policy is to provide lights on all streets within corporate limits

Also included is changing out existing HPS fixtures with LED Fixtures in areas around Town, which is more efficient and cost effective.

PROJECT ALTERNATIVES	OPERATING IMPACT/OTHER COMMENTS
Maintain current status.	*Providing lighting will generate a safer environment for the traveling public with ever growing community *Recommended that the we conduct townwide lighting assessment

PROJECT STATUS	Continuation - FY 2014		
Funds Approved to Date	$ 100,000	*Funds Expended to Date*	$ -

CAPITAL COST BREAKDOWN	Prior to July 2022	2022-23	2023-24	2024-25	2025-26	2026-27	Future Years
Construction	$ 100,000	$ 50,000	$ 50,000	$ 50,000	$ 50,000	$ 50,000	$ -
Contingency	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-
Total Project Costs	$ 100,000	$ 50,000	$ 50,000	$ 50,000	$ 50,000	$ 50,000	$ -

FUNDING SOURCE(S)	Prior to July 2022	2022-23	2023-24	2024-25	2025-26	2026-27	Future Years
General Fund	$ 100,000	$ 50,000	$ 50,000	$ 50,000	$ 50,000	$ 50,000	$ -
Total Funding Sources	$ 100,000	$ 50,000	$ 50,000	$ 50,000	$ 50,000	$ 50,000	$ -

TOTAL PROJECT COST: **$ 350,000**

TOWN OF WAKE FOREST
CAPITAL IMPROVEMENTS PROGRAM
CIP UPDATE FY 2022-2027

DEPARTMENT	PROJECT MANAGER	DEPARTMENTAL PRIORITY
Streets	Tim Bailey	Medium

PROJECT TITLE
Single Axle Dump Truck - Addition

	TYPE OF PROJECT
	1 -Health/Safety/Welfare
	2 - Maintenance/Replacement
X	3 - Existing Programs Expansion
	4 - New Program

PROJECT DESCRIPTION
Single Axle Dump Truck -Addition

JUSTIFICATION
The purchase of this dump truck will allow the crews within the Streets Division to each have access to a dump truck instead of waiting for one to become available. As major projects continue to come on line, the division will be better prepared to perform these projects and to work more efficiently.

PROJECT ALTERNATIVES
Continue waiting for one to become available.

OPERATING IMPACT/OTHER COMMENTS
The result should equate to better efficiency of the Street crews during major projects, and this equipment is needed with addition of more staff.

PROJECT STATUS Continuation - FY 2019

Funds Approved to Date $ -

Funds Expended to Date $ -

CAPITAL COST BREAKDOWN	Prior to July 2022	2022-23	2023-24	2024-25	2025-26	2026-27	Future Years
Purchase	$ -	$ 215,000	$ -	$ -	$ 240,000		$ -
Total Project Costs	$ -	$ 215,000	$ -	$ -	$ 240,000	$ -	$ -

FUNDING SOURCE(S)	Prior to July 2022	2022-23	2023-24	2024-25	2025-26	2026-27	Future Years
Installment Purchase	$ -	$ 215,000	$ -	$ -	$ 240,000		$ -
Total Funding Sources	$ -	$ 215,000	$ -	$ -	$ 240,000	$ -	$ -

TOTAL PROJECT COST: $ 455,000

TOWN OF WAKE FOREST
CAPITAL IMPROVEMENTS PROGRAM
CIP UPDATE FY 2022-2027

DEPARTMENT	PROJECT MANAGER	DEPARTMENTAL PRIORITY
Engineering/Public Works	Joseph Guckavan/Tim Bailey	Medium

PROJECT TITLE
Town Wide Wayfinding Designs/Signage

	TYPE OF PROJECT
	1 -Health/Safety/Welfare
	2 - Maintenance/Replacement
X	3 - Existing Programs Expansion
	4 - New Program

PROJECT DESCRIPTION
Design and create wayfinding signs consistent with branding image of the town to faciliate direction to town-operated parks, recreation, athletic or cultural destinations.

JUSTIFICATION
Enhances image and provides consistency in wayfing signage across town with the goal of increasing visibility and awareness of key town destinations. This would include updating downtown wayfinding signage. Project could be completed in phases over the next three years starting with the design phase using specilized outside firm for FY 2021-2022 and installation of signs the next two fiscal years.

PROJECT ALTERNATIVES	OPERATING IMPACT/OTHER COMMENTS
Continue with standard green and brown signage.	Replacement costs of signs and posts as they age over time.

PROJECT STATUS	Continuation - FY 2022		
Funds Approved to Date	$ -	*Funds Expended to Date*	$ -

CAPITAL COST BREAKDOWN	Prior to July 2022	2022-23	2023-24	2024-25	2025-26	2026-27	Future Years
Planning & Engineering	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Purchase	-	250,000	250,000	-	-	-	-
Total Project Costs	$ -	$ 250,000	$ 250,000	$ -	$ -	$ -	$ -

FUNDING SOURCE(S)	Prior to July 2022	2022-23	2023-24	2024-25	2025-26	2026-27	Future Years
General Fund	$ -	$ 225,000	$ 225,000	$ -	$ -	$ -	$ -
DMSD Funds	-	25,000	25,000	-	-	-	-
Total Funding Sources	$ -	$ 250,000	$ 250,000	$ -	$ -	$ -	$ -

TOTAL PROJECT COST: **$ 500,000**

TOWN OF WAKE FOREST
CAPITAL IMPROVEMENTS PROGRAM
CIP UPDATE FY 2022-2027

DEPARTMENT	PROJECT MANAGER	DEPARTMENTAL PRIORITY
Streets	Tim Bailey	Medium

PROJECT TITLE
Service Truck - Addition

	TYPE OF PROJECT
	1 -Health/Safety/Welfare
	2 - Maintenance/Replacement
X	3 - Existing Programs Expansion
	4 - New Program

PROJECT DESCRIPTION
Service Truck

JUSTIFICATION
The purchase of this vehicle will allow Town Street Crews to perform additional operations with a new crew. As major projects come forward, the Division will be better prepared to perform this work more efficiently. This is to keep up with continued growth of town infrastructure and ability for a new crew to have a mode of transportation.

PROJECT ALTERNATIVES
Continue current practice and contract some work out.

OPERATING IMPACT/OTHER COMMENTS
The result should equate to better efficiency of the Street crews during daily activities if we have additional crew added.

PROJECT STATUS New Project - FY 2023

Funds Approved to Date $ -

Funds Expended to Date $ -

CAPITAL COST BREAKDOWN	Prior to July 2022	2022-23	2023-24	2024-25	2025-26	2026-27	Future Years
Purchase	$ -	$ 70,000	$ -	$ -	$ -	$ -	$ -
Total Project Costs	$ -	$ 70,000	$ -	$ -	$ -	$ -	$ -

FUNDING SOURCE(S)	Prior to July 2022	2022-23	2023-24	2024-25	2025-26	2026-27	Future Years
Installment Purchase	$ -	$ 70,000	$ -	$ -	$ -	$ -	$ -
Total Funding Sources	$ -	$ 70,000	$ -	$ -	$ -	$ -	$ -

TOTAL PROJECT COST: $ 70,000

TOWN OF WAKE FOREST
CAPITAL IMPROVEMENTS PROGRAM
CIP UPDATE FY 2022-2027

DEPARTMENT	PROJECT MANAGER	DEPARTMENTAL PRIORITY
Streets	Tim Bailey	Medium

PROJECT TITLE
Mini Excavator - Addition

	TYPE OF PROJECT
	1 -Health/Safety/Welfare
	2 - Maintenance/Replacement
X	3 - Existing Programs Expansion
	4 - New Program

PROJECT DESCRIPTION
Mini Excavator

JUSTIFICATION
The purchase of this machine will allow Town Street Crews to perform more additional operations with a new crew. As major projects come forward, the Division will be better prepared to perform this work more efficiently. This is to keep up with continued growth of town infrastructure. Hot patch machine request has been delayed to shift priority to this equipment with the addition of a new crew.

PROJECT ALTERNATIVES
Continue current practice and contract some work out.

OPERATING IMPACT/OTHER COMMENTS
The result should equate to better efficiency of the Street crews during daily activities if we have additional crew added.

PROJECT STATUS New Project - FY 2023

Funds Approved to Date $ -

Funds Expended to Date $ -

CAPITAL COST BREAKDOWN	Prior to July 2022	2022-23	2023-24	2024-25	2025-26	2026-27	Future Years
Purchase	$ -	$ 140,000	$ -	$ -	$ -	$ -	$ -
Total Project Costs	$ -	$ 140,000	$ -	$ -	$ -	$ -	$ -

FUNDING SOURCE(S)	Prior to July 2022	2022-23	2023-24	2024-25	2025-26	2026-27	Future Years
Installment Purchase	$ -	$ 140,000	$ -	$ -	$ -	$ -	$ -
Total Funding Sources	$ -	$ 140,000	$ -	$ -	$ -	$ -	$ -

TOTAL PROJECT COST: $ 140,000

TOWN OF WAKE FOREST
CAPITAL IMPROVEMENTS PROGRAM
CIP UPDATE FY 2022-2027

DEPARTMENT	PROJECT MANAGER	DEPARTMENTAL PRIORITY
Streets	Tim Bailey	Medium

PROJECT TITLE
Small Concrete Mixing Truck- Addition

	TYPE OF PROJECT
	1 -Health/Safety/Welfare
	2 - Maintenance/Replacement
X	3 - Existing Programs Expansion
	4 - New Program

PROJECT DESCRIPTION
The Streets Division currently schedules concrete deliveries and pays a surcharge for projects under two-yards of material. Purchasing a small concrete truck (8-yard mixer) would eliminate the surcharge.

JUSTIFICATION
Additionally the cost per yard for concrete would be reduced between 5-10% and labor cost would decrease due to eliminating the delivery window for concrete. The chassis is estimated at $250,000 with manufacturer recommending an additional $5,000 to be adjusted each year for inflation. Due to price increases, an additional $20,000 is being requested.

PROJECT ALTERNATIVES
Continue with current practices.

OPERATING IMPACT/OTHER COMMENTS
N/A

PROJECT STATUS Continuation - FY 2021

Funds Approved to Date $ -

Funds Expended to Date $ -

CAPITAL COST BREAKDOWN	Prior to July 2022	2022-23	2023-24	2024-25	2025-26	2026-27	Future Years
Purchase	$ -	$ -	$ 270,000	$ -	$ -	$ -	$ -
Total Project Costs	$ -	$ -	$ 270,000	$ -	$ -	$ -	$ -

FUNDING SOURCE(S)	Prior to July 2022	2022-23	2023-24	2024-25	2025-26	2026-27	Future Years
Installment Purchase	$ -	$ -	$ 270,000	$ -	$ -	$ -	$ -
Total Funding Sources	$ -	$ -	$ 270,000	$ -	$ -	$ -	$ -

TOTAL PROJECT COST: $ 270,000

TOWN OF WAKE FOREST
CAPITAL IMPROVEMENTS PROGRAM
CIP UPDATE FY 202-2027

DEPARTMENT	PROJECT MANAGER	DEPARTMENTAL PRIORITY
Streets	Tim Bailey	Medium

PROJECT TITLE
RAVO Street Sweeper - Addition

	TYPE OF PROJECT
	1 -Health/Safety/Welfare
	2 - Maintenance/Replacement
X	3 - Existing Programs Expansion
	4 - New Program

PROJECT DESCRIPTION
RAVO Street Sweeper

JUSTIFICATION
Additional street sweeper which is able to curb cut and compact debris. This equipment allows for better efficiency, as fewer trips are necessary for dumping. This addition will enable the Town to perform better and more consistent maintenance as it relates to debris in the street and curb line. This addition is necessary as we continue to acquire more miles of streets and to keep up with growth. In order for the sweeper to run consistently and make the greatest impact, an additional team member will be needed in the Streets division.

PROJECT ALTERNATIVES
N/A

OPERATING IMPACT/OTHER COMMENTS
N/A

PROJECT STATUS Continuation - FY 2021

Funds Approved to Date $ -

Funds Expended to Date $ -

CAPITAL COST BREAKDOWN	Prior to July 2022	2022-23	2023-24	2024-25	2025-26	2026-27	Future Years
Purchase	$ -	$ -	$ 280,000	$ -	$ -	$ -	$ -
Total Project Costs	$ -	$ -	$ 280,000	$ -	$ -	$ -	$ -

FUNDING SOURCE(S)	Prior to July 2022	2022-23	2023-24	2024-25	2025-26	2026-27	Future Years
Installment Purchase	$ -	$ -	$ 280,000	$ -	$ -	$ -	$ -
Total Funding Sources	$ -	$ -	$ 280,000	$ -	$ -	$ -	$ -

TOTAL PROJECT COST: $ 280,000

Capital Improvement Plan

SOLID WASTE SUMMARY - BY PROJECT

	PROJECT TITLE	PRIORITY TYPE	PRIOR TO JULY 2022	2022-2023	2023-2024	2024-2025	2025-2026	2026-2027	FUTURE YEARS	TOTALS
1	Vehicle Addition - Rearend Loader	M - 3	$ -	$ 240,000	$ -	$ -	$ -	$ -	$ -	$ 240,000
2	Vehicle Addition - Flat Bed Stake Body Truck with F350 chasiss	M - 3	-	65,000	-	-	-	-	-	65,000
3	Vehicle Addition - Vacuum Leaf Truck	M - 3	-	-	-	-	230,000	-	-	230,000
	TOTALS		$ -	$ 305,000	$ -	$ -	$ 230,000	$ -	$ -	$ 535,000

Priority definitions:	H	High
	M	Medium
	L	Low
Program type:	1	Health/Safety/Welfare
	2	Maintenance/Replacement
	3	Existing programs expansion
	4	New programs expansion

TOWN OF WAKE FOREST
CAPITAL IMPROVEMENTS PROGRAM
CIP UPDATE FY 2022 - 2027

DEPARTMENT	PROJECT MANAGER	DEPARTMENTAL PRIORITY
Solid Waste	Tim Bailey	Medium

PROJECT TITLE
Yard Waste Rear Loader - Addition

	TYPE OF PROJECT
	1 -Health/Safety/Welfare
	2 - Maintenance/Replacement
X	3 - Existing Programs Expansion
	4 - New Program

PROJECT DESCRIPTION
25 Yard Rear Loader to collect yard waste

JUSTIFICATION
Due to the continued growth, these trucks will be needed in order to provide the service level expected of our residents. A total of three Rear End loaders that run weekly. With growth of adding roughly 70 homes a month, the town is adding in 840 households a year. This equipment will be necessary to keep up with services at the current run rate. After further assessment, this item takes priority over the originally scheduled vacuum truck (Shifted to FY 25-26).

PROJECT ALTERNATIVES
1)Collect leaves in paper bags year round
2)Collect with current trucks we have and extend to pickup every 3 weeks during leaf season
3) Use leaf trucks year round and collect yard debris without bagging (which would cause an issues to storm drains)

OPERATING IMPACT/OTHER COMMENTS
These trucks will address the issues of equipment malfunctions in aging vehicles and growth within the community. In addition, it will allow the division to continue providing the citizens with the expected level of service.

PROJECT STATUS	New Project - FY 2023		
Funds Approved to Date	$ -	*Funds Expended to Date*	$ -

CAPITAL COST BREAKDOWN	Prior to July 2022	2022-23	2023-24	2024-25	2025-26	2026-27	Future Years
Purchase	$ -	$ 240,000	$ -	$ -	$ -	$ -	$ -
Total Project Costs	$ -	$ 240,000	$ -	$ -	$ -	$ -	$ -

FUNDING SOURCE(S)	Prior to July 2022	2022-23	2023-24	2024-25	2025-26	2026-27	Future Years
Installment Purchase	$ -	$ 240,000	$ -	$ -	$ -	$ -	$ -
Total Funding Sources	$ -	$ 240,000	$ -	$ -	$ -	$ -	$ -

TOTAL PROJECT COST: $ 240,000

TOWN OF WAKE FOREST

CAPITAL IMPROVEMENTS PROGRAM

CIP UPDATE FY 2022 - 2027

DEPARTMENT	PROJECT MANAGER	DEPARTMENTAL PRIORITY
Solid Waste	Tim Bailey	Medium

PROJECT TITLE
Flat Bed Stake Body Truck with F350 chassis - Addition

	TYPE OF PROJECT
	1 -Health/Safety/Welfare
	2 - Maintenance/Replacement
X	3 - Existing Programs Expansion
	4 - New Program

PROJECT DESCRIPTION

Flat Bed Stake Body Truck with F350 chassis and tommy gate

JUSTIFICATION

This vehicle is being requested due to the continued growth and amount of trash increase with more residents using park locations. Additional receptacles have been added to the town as well. A larger bed truck would allow for better efficiency and few dumps throughout the day. This would also be used to assist with deliveries, removals, citizen inquiries and other related projects. The Greenway crew will use this new vehicle to provide improved service for Town residences in these areas.

PROJECT ALTERNATIVES

1) Continue to drive the current pick up truck and make several dumps per day.
2) Remove some receptacles from downtown to decrease the need for so much service.

OPERATING IMPACT/OTHER COMMENTS

This truck will allow the division to continue providing the citizens with the expected level of service for park trash removal. Due to larger capacity, it would assist with staying on task by not leaving the field for dumping several times a day and with safety hazards that are presented from loading and unloading heavy bags in the field and at dumpsters.

PROJECT STATUS	New Project - FY 2023		
Funds Approved to Date	$ -	*Funds Expended to Date*	$ -

CAPITAL COST BREAKDOWN	Prior to July 2022	2022-23	2023-24	2024-25	2025-26	2026-27	Future Years
Purchase	$ -	$ 65,000	$ -	$ -	$ -	$ -	$ -
Total Project Costs	$ -	$ 65,000	$ -	$ -	$ -	$ -	$ -

FUNDING SOURCE(S)	Prior to July 2022	2022-23	2023-24	2024-25	2025-26	2026-27	Future Years
Installment Purchase	$ -	$ 65,000	$ -	$ -	$ -	$ -	$ -
Total Funding Sources	$ -	$ 65,000	$ -	$ -	$ -	$ -	$ -

TOTAL PROJECT COST: $ 65,000

TOWN OF WAKE FOREST

CAPITAL IMPROVEMENTS PROGRAM

CIP UPDATE FY 2022 - 2027

DEPARTMENT	PROJECT MANAGER	DEPARTMENTAL PRIORITY
Solid Waste	Tim Bailey	Medium

PROJECT TITLE	TYPE OF PROJECT	
Vacuum Leaf Truck - Addition		1 -Health/Safety/Welfare
		2 - Maintenance/Replacement
	X	3 - Existing Programs Expansion
		4 - New Program

PROJECT DESCRIPTION

Additional 25 yard vehicle mounted Vacuum Leaf Trucks.

JUSTIFICATION

Due to the continued growth, these trucks will be needed in order to provide the service level expected of our residents. A total of three leaf vacuum trucks is sufficient. An additional leaf vacuum truck was added in FY 20-21. After further assessment, shifting this request to FY 25-26 to keep up with growth, needed staff to run the equipment and other priorities listed in CIP.

PROJECT ALTERNATIVES

1) Collect leaves in paper bags year round.
2) Collect with less costly rear loader vehicles instead of vacuum trucks.

OPERATING IMPACT/OTHER COMMENTS

These trucks will address the issues of equipment malfunctions and thereby allow the division to continue to provide the citizens with the expected level of service.

PROJECT STATUS	Continuation - FY 2016		
Funds Approved to Date	$ -	*Funds Expended to Date*	$ -

CAPITAL COST BREAKDOWN	Prior to July 2022	2022-23	2023-24	2024-25	2025-26	2026-27	Future Years
Purchase	$ -	$ -	$ -	$ -	$ 230,000	$ -	$ -
Total Project Costs	$ -	$ -	$ -	$ -	$ 230,000	$ -	$ -

FUNDING SOURCE(S)	Prior to July 2022	2022-23	2023-24	2024-25	2025-26	2026-27	Future Years
Installment Purchase	$ -	$ -	$ -	$ -	$ 230,000	$ -	$ -
Total Funding Sources	$ -	$ -	$ -	$ -	$ 230,000	$ -	$ -

TOTAL PROJECT COST: $ 230,000

Capital Improvement Plan

PARKS, RECREATION AND CULTURAL RESOURCES SUMMARY - BY PROJECT

	PROJECT TITLE RANKED	PRIORITY TYPE	PRIOR TO JULY 2022	2022-2023	2023-2024	2024-2025	2025-2026	2026-2027	FUTURE YEARS	TOTALS
1	Vehicle Additions	M - 3	$ -	$ 42,000	$ 74,000	$ 42,000	$ -	$ -	$ -	$ 158,000
2	Aerification Equipment	M - 3	-	-	50,000	50,000	-	30,000	-	130,000
3	Athletic Fields Lighting System Replace	M - 2	-	-	807,500	367,000	367,000	2,103,000	-	3,644,500
4	Restroom Installation	M - 3	-	-	-	512,000	6,611,500	-	-	7,123,500
5	Multi-Use Tractor	M - 3	-	-	-	40,000	-	-	-	40,000
6	Ailey Young Park Improvements	M - 2	175,000	-	-	-	275,000	-	3,765,000	4,215,000
7	Spectator Accessibility, ADA Bleachers, Replace Dugouts	H - 2	-	-		-	269,500	130,500	-	400,000
8	Outdoor Sports Complex	M - 4	-	-	-	-	185,000	2,683,500	-	2,868,500
9	Tyler Run Park Greenway Loop	L - 3	-	-	-	-	61,000	306,000	-	367,000
10	Compact Utility Tractor	M - 2	-	-	-	-	35,000	-	-	35,000
11	Greenway and Park Signage (Phase 2)	M - 3	-	-	-	-	375,000	-	-	375,000
12	Joyner Park Amphitheater Irrigation	M - 3	-	-	-	-	20,000	135,000	-	155,000
13	Community Center (South of NC 98)	M - 4	-	-	-	-	-	924,000	13,096,000	14,020,000
14	Dog Park #2	M - 4	-	-	-	-	-	35,000	347,500	382,500
15	Park Sidewalk Connections	M - 3	-	-	-	-	-	55,600	-	55,600
	TOTALS		$ 175,000	$ 42,000	$ 931,500	$ 1,011,000	$ 8,199,000	$ 6,402,600	$ 17,208,500	$ 33,969,600

Priority definitions:	H	High
	M	Medium
	L	Low
Program type:	1	Health/Safety/Welfare
	2	Maintenance/Replacement
	3	Existing programs expansion
	4	New programs expansion

TOWN OF WAKE FOREST
CAPITAL IMPROVEMENTS PROGRAM
CIP UPDATE FY 2022-2027

DEPARTMENT	PROJECT MANAGER	DEPARTMENTAL PRIORITY
Parks, Recreation & Cultural Resources	Randy Hoyle/Edward Austin/Ruben Wall	Medium

PROJECT TITLE
Vehicle Additions

	TYPE OF PROJECT
	1 -Health/Safety/Welfare
	2 - Maintenance/Replacement
X	3 - Existing Programs Expansion
	4 - New Program

PROJECT DESCRIPTION
1) Medium Duty Truck (FY 2022-23)
2) Heavy Duty Truck (FY 2023-24)
3) Medium Duty Truck (FY 2024-25)

JUSTIFICATION
1) Athletics Division staff currently rely on private (staff) vehicles to transport of material, equipment and supplies for programs.
2) Mode of transportation is needed for new Maintenance Crew Supervisor. The addition of this truck will provide the ability to haul a large trailer containing equipment, perform tasks that require a single person to accomplish, as well as allow the supervisor to prioritize work and assist where essentially needed.
3) Mode of transportation is needed for additional staff.

PROJECT ALTERNATIVES
1) Continued use of personal vehicles (Town pays mileage).
2) Continue to pay staff or rent vehicles.

OPERATING IMPACT/OTHER COMMENTS
1) Two person crew with truck for parks will mainly focus on our PM and Work order system, providing more efficient repairs, daily service of frequented parks, and provide support for a growing number of special events.

2)Continued program growth will require a greater need for transportation available to Athletics Division staff. Operating cost for fuel and maintenance will be required.

PROJECT STATUS	Continuation - FY 2019		
Funds Approved to Date	$ -	*Funds Expended to Date*	$ -

CAPITAL COST BREAKDOWN	Prior to July 2022	2022-23	2023-24	2024-25	2025-26	2026-27	Future Years
Purchase	$ -	$ 42,000	$ 74,000	$ 42,000	$ -	$ -	$ -
Total Project Costs	$ -	$ 42,000	$ 74,000	$ 42,000	$ -	$ -	$ -

FUNDING SOURCE(S)	Prior to July 2022	2022-23	2023-24	2024-25	2025-26	2026-27	Future Years
Installment Purchase	$ -	$ 42,000	$ 74,000	$ 42,000	$ -	$ -	$ -
Total Funding Sources	$ -	$ 42,000	$ 74,000	$ 42,000	$ -	$ -	$ -

TOTAL PROJECT COST: $ 158,000

TOWN OF WAKE FOREST

CAPITAL IMPROVEMENTS PROGRAM

CIP UPDATE FY 2022-2027

DEPARTMENT	PROJECT MANAGER	DEPARTMENTAL PRIORITY
Parks, Recreation and Cultural Resources	Randy Hoyle/Ruben Wall	Medium

PROJECT TITLE
Aerification Implement

	TYPE OF PROJECT
	1 -Health/Safety/Welfare
	2 - Maintenance/Replacement
X	3 - Existing Programs Expansion
	4 - New Program

PROJECT DESCRIPTION

Aerification/Cultural Practice Implements

JUSTIFICATION

This piece of equipment would enhance the quality of playing surfaces on our athletic fields. This would also allow us to compete the task in-house.

1. Coring/Deep tine machine requested in FY24 - $50,000
2. Sweeping/verticutting machine requested FY25 - $50,000
3. Top Dresser requested for FY27 - $30,000

PROJECT ALTERNATIVES

Continue to hire contractor and increase funding.

OPERATING IMPACT/OTHER COMMENTS

1) The impact would be approximately $11,000 in savings for FY22 (In addition to following years) and $11,000 savings annually in FY24.
2) The quality and decreased hardness of our athletic fields would be greatly enhanced.
3) A shift in staff responsibilities will need to occur to allow personnel to spend the required time using this equipment.

PROJECT STATUS	Continuation - FY 2020		
Funds Approved to Date	$ -	*Funds Expended to Date*	$ -

CAPITAL COST BREAKDOWN	Prior to July 2022	2022-23	2023-24	2024-25	2025-26	2026-27	Future Years
Equipment	$ -	$ -	$ 50,000	$ 50,000	$ -	$ 30,000	$ -
Total Project Costs	$ -	$ -	$ 50,000	$ 50,000	$ -	$ 30,000	$ -

FUNDING SOURCE(S)	Prior to July 2022	2022-23	2023-24	2024-25	2025-26	2026-27	Future Years
Installment Purchase	$ -	$ -	$ 50,000	$ 50,000	$ -	$ 30,000	$ -
Total Funding Sources	$ -	$ -	$ 50,000	$ 50,000	$ -	$ 30,000	$ -

TOTAL PROJECT COST: $ 130,000

TOWN OF WAKE FOREST
CAPITAL IMPROVEMENTS PROGRAM
CIP UPDATE FY 2022 - 2027

DEPARTMENT	PROJECT MANAGER	DEPARTMENTAL PRIORITY
Parks, Recreation and Cultural Resources	Randy Hoyle/Ruben Wall/Edward Austin	Medium

PROJECT TITLE
Athletic Fields Lighting System Replacement /Installation

	TYPE OF PROJECT
	1 -Health/Safety/Welfare
X	2 - Maintenance/Replacement
	3 - Existing Programs Expansion
	4 - New Program

PROJECT DESCRIPTION
Replacement plan/program for lighting at athletic fields.

JUSTIFICATION
Current heads/replacements have been discontinued. Existing systems have reaching the end of the expected lifespan. Replacement/installation of systems with remote monitoring and operation will avoid large expenditures for repair of outdated systems and reduce ongoing maintenance costs. The goal of the department is to upgrade and replace lighting systems before they create a safety hazard that will cause fields to be deemed unsafe/unplayable after sunset. Due to the continued growth, installation of systems at Tyler Run Park will provide additional playing time and space without the cost of land purchase/development.

We are completing the lighting system replacement in phases.
A) FY 2014-15 Forrest Field system was replaced.
B) FY 2016-17 Heritage High Park retrofit to allow remote monitoring was installed.
On-Going Replacement Schedule:
C) FY 2023-24 Flaherty Park Field 3 + Tennis Courts - $430,000
D) FY 2023-24 Flaherty Park Field 2 - $377,500
E) FY 2024-25 Flaherty Park Field 1 + Tennis Courts -$367,000
F) FY 2025-26 Tyler Run Park new installation - $367,000
G) FY 2026-27 Heritage High Fields + Tennis Courts - $2,103,000

PROJECT ALTERNATIVES

N/A

OPERATING IMPACT/OTHER COMMENTS

Decrease in on-going maintenance. Installing new or replacing aging and outdated lighting systems provides a safer facility which decreases the likelihood of injuries to participants. ALL systems except at RH Forrest Field are beyond expected lifespan and finding replacement bulbs/fixtures have become increasingly difficult.

PROJECT STATUS Continuation - FY 2016

Funds Approved to Date $ -

Funds Expended to Date $ -

CAPITAL COST BREAKDOWN	Prior to July 2022	2022-23	2023-24	2024-25	2025-26	2026-27	Future Years
Planning & Engineering	$ -	$ -	$ 82,500	$ 37,500	$ 37,500	$ 150,000	$ -
Purchase	-	-	-	-	-	-	-
Construction	-	-	550,000	250,000	250,000	1,500,000	-
Equipment	-	-	-	-	-	-	-
Contingency	-	-	175,000	79,500	79,500	453,000	-
Other	-	-	-	-	-	-	-
Total Project Costs	$ -	$ -	$ 807,500	$ 367,000	$ 367,000	$ 2,103,000	$ -

FUNDING SOURCE(S)	Prior to July 2022	2022-23	2023-24	2024-25	2025-26	2026-27	Future Years
General Fund	$ -	$ -	$ -	$ -	$ -	$ 2,103,000	$ -
GO Bond - Future Referendum FY 2022	-	-	807,500	367,000	367,000	-	-
Grants	-	-	-	-	-	-	-
Installment Purchase	-	-	-	-	-	-	-
Total Funding Sources	$ -	$ -	$ 807,500	$ 367,000	$ 367,000	$ 2,103,000	$ -

TOTAL PROJECT COST: 3,644,500

TOWN OF WAKE FOREST

CAPITAL IMPROVEMENTS PROGRAM

CIP UPDATE FY 2022-2027

DEPARTMENT	PROJECT MANAGER	DEPARTMENTAL PRIORITY
Parks, Recreation and Cultural Resources	Randy Hoyle/Ruben Wall	Medium

PROJECT TITLE
Restroom Installation

	TYPE OF PROJECT
	1 -Health/Safety/Welfare
	2 - Maintenance/Replacement
X	3 - Existing Programs Expansion
	4 - New Program

PROJECT DESCRIPTION
Add permanent restrooms to parks.

JUSTIFICATION
Currently several of our parks do not have restrooms. We are using port-a-johns which are not ADA accessible. Adding permanent restroom facilities would meet these requirements, permanent restrooms would also be more sanitary and cost-efficient over time.
Locations:
1. Smith Creek Soccer Center
2. Tyler Run Park
3. Flaherty Tennis/Pickleball Courts
4. Miller Park

PROJECT ALTERNATIVES	OPERATING IMPACT/OTHER COMMENTS
Continue to rent port-a-johns.	Installation, cost to maintain and daily cleaning.

PROJECT STATUS	Continuation - FY 2020		
Funds Approved to Date	$ -	*Funds Expended to Date*	$ -

CAPITAL COST BREAKDOWN	Prior to July 2022	2022-23	2023-24	2024-25	2025-26	2026-27	Future Years
Planning & Engineering	$ -	$ -	$ -	$ 350,000	$ 150,000	$ -	$ -
Purchase	-	-	-	-	-	-	-
Construction	-	-	-	-	5,050,000	-	-
Equipment	-	-	-	-	-	-	-
Contingency	-	-	-	112,000	1,411,500	-	-
Other - PAC 1%	-	-	-	50,000	-	-	-
Total Project Costs	$ -	$ -	$ -	$ 512,000	$ 6,611,500	$ -	$ -

FUNDING SOURCE(S)	Prior to July 2022	2022-23	2023-24	2024-25	2025-26	2026-27	Future Years
GO Bonds - Bond Referendum FY 2022	-	-	-	512,000	6,611,500	-	-
Total Funding Sources	$ -	$ -	$ -	$ 512,000	$ 6,611,500	$	$ -

TOTAL PROJECT COST: **$ 7,123,500**

TOWN OF WAKE FOREST

CAPITAL IMPROVEMENTS PROGRAM

CIP UPDATE FY 2022 - 2027

DEPARTMENT	PROJECT MANAGER	DEPARTMENTAL PRIORITY
Parks, Recreation and Cultural Resources	Randy Hoyle/Ruben Wal	Medium

PROJECT TITLE
Multi-Use Tractor

	TYPE OF PROJECT
	1 -Health/Safety/Welfare
	2 - Maintenance/Replacement
X	3 - Existing Programs Expansion
	4 - New Program

PROJECT DESCRIPTION

Multi-Use Tractor

JUSTIFICATION

Multi-Use Tractor is needed for the on-going maintenance of the greenway corridors and the Wake Forest Reservoir. This will provide staff the ability to mow the dam face. This tractor also has attachments with the ability to use for Debris/Snow Removal and Soil/Site Prep/Turf Maintenance.

Purchase for use at WF Reservoir which will include park maintenance assuming an increased role following the addition of the boat ramp/parking lot/open space.

PROJECT ALTERNATIVES	OPERATING IMPACT/OTHER COMMENTS
Rent equipment which could be costly	FY24-25 - Purchase for use of Greenways. Purchase in conjunction with WF Reservoir Park Improvements and assume increased level of landscape maintenance.

PROJECT STATUS Continuation - FY 2020

Funds Approved to Date $ -

Funds Expended to Date $ -

CAPITAL COST BREAKDOWN	Prior to July 2022	2022-23	2023-24	2024-25	2025-26	2026-27	Future Years
Equipment	$ -	$ -	$ -	$ 40,000	$ -	$ -	$ -
Total Project Costs	$ -	$ -	$ -	$ 40,000	$ -	$ -	$ -

FUNDING SOURCE(S)	Prior to July 2022	2022-23	2023-24	2024-25	2025-26	2026-27	Future Years
Installment Purchase	$ -	$ -	$ -	$ 40,000	$ -	$ -	$ -
Total Funding Sources	$ -	$ -	$ -	$ 40,000	$ -	$ -	$ -

TOTAL PROJECT COST: $ 40,000

TOWN OF WAKE FOREST
CAPITAL IMPROVEMENTS PROGRAM
CIP UPDATE FY 2022-2027

DEPARTMENT	PROJECT MANAGER	DEPARTMENTAL PRIORITY
Parks, Recreation and Cultural Resources	Randy Hoyle/Ruben Wall	Medium

PROJECT TITLE
Ailey Young Park Improvements

	TYPE OF PROJECT
	1 -Health/Safety/Welfare
X	2 - Maintenance/Replacement
	3 - Existing Programs Expansion
	4 - New Program

PROJECT DESCRIPTION
Preliminary engineering, environmental, and construction to improve the facilities at Ailey Young Park. The improvements will provide universal accessibility (including updated basketball courts, updated playground and updated picnic shelter and amenities) and increase capacity for current uses (parking, expanded bathrooms). Construction for Dunn Creek Greenway Phase 3 spur from Juniper Avenue to the baseball field is also included in this project.

JUSTIFICATION
Implementation of the adopted Parks, Recreation & Cultural Resources and Open Space & Greenways Plans for the Town of Wake Forest. Identify open space land where citizens can enjoy minimally improved amenities for active use. Such as: environmental study, primitive camping, non-motorized boating, hiking, mountain biking, and equestrian trails. Other amenities include trailheads, educational/information kiosk, parking and restrooms.

PROJECT ALTERNATIVES
No alternative proposed.

OPERATING IMPACT/OTHER COMMENTS
- Dunn Creek Phase 3 spur PE cost is part of Dunn Creek Greenway Phase 3 (Refer to GTP). -
Estimating the need of additional 20 hours/week of maintenance and additional equipment.

PROJECT STATUS Continuation - FY 2017

Funds Approved to Date $ 175,000

Funds Expended to Date $ -

CAPITAL COST BREAKDOWN	Prior to July 2022	2022-23	2023-24	2024-25	2025-26	2026-27	Future Years
Planning & Engineering	$ 173,300	$ -	$ -	$ -	$ 200,000	$ -	$ 85,000
Purchase	-	-	-	-	-	-	-
Construction	-	-	-	-	-	$ -	2,832,500
Equipment	-	-	-	-	-	-	25,000
Contingency	-	-	-	-	75,000	-	794,000
Other - PAC	1,700	-	-	-	-	-	28,500
Total Project Costs	$ 175,000	$ -	$ -	$ -	$ 275,000	$ -	$ 3,765,000

FUNDING SOURCE(S)	Prior to July 2022	2022-23	2023-24	2024-25	2025-26	2026-27	Future Years
General Fund	$ -	$ -	$ -	$ -	$ -	$ -	$ -
GO Bonds - Current Referendum - Issued	175,000	-	-	-	-	-	-
GO Bonds - Future Referendum FY 2024	-	-	-	-	275,000	-	3,736,500
Grant - Future PART-F Application	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	28,500
Total Funding Sources	$ 175,000	$ -	$ -	$ -	$ 275,000	$ -	$ 3,765,000

TOTAL PROJECT COST: $ 4,215,000

TOWN OF WAKE FOREST
CAPITAL IMPROVEMENTS PROGRAM
CIP UPDATE FY 2022-2027

DEPARTMENT	PROJECT MANAGER	DEPARTMENTAL PRIORITY
Parks, Recreation and Cultural Resources	Randy Hoyle/Ruben Wall	High

PROJECT TITLE
Spectator Accessibility, ADA Bleachers, Replace Dugouts

	TYPE OF PROJECT
	1 -Health/Safety/Welfare
X	2 - Maintenance/Replacement
	3 - Existing Programs Expansion
	4 - New Program

PROJECT DESCRIPTION
Installation of new steel/aluminum dugouts to replace existing dugouts, concrete pads surrounding the backstop, connecting sidewalks to bleachers and dugouts, and installation of ADA bleacher sets.

JUSTIFICATION
This project is a step toward making our parks fully accessible and replace wooden dugouts that are rotting. The concrete pads will provide an aesthetically pleasing area for spectators, while keeping them out of dirt and mud that currently surrounds the bleachers and scorer's tables.

PROJECT ALTERNATIVES
Spectator areas and sidewalk remain in their current state. Estimated 80% savings if concrete labor is performed by TOWF.

OPERATING IMPACT/OTHER COMMENTS
*3 fields at Flaherty Park (FY 25-26)
*Tyler Run Park, Forest Field (FY 26-27) Bleachers purchased in 2018-19.
*This would provide easier maintenance and permanent structures. In addition, it would reduce on-going maintenance issues.

PROJECT STATUS Continuation - FY 2018

Funds Approved to Date $ -

Funds Expended to Date $ -

CAPITAL COST BREAKDOWN	Prior to July 2022	2022-23	2023-24	2024-25	2025-26	2026-27	Future Years
Planning & Engineering	$ -	$ -	$ -	$ -	$ 28,500	$ 13,500	$ -
Purchase	-	-	-	-	-	-	-
Construction	-	-	-	-	137,000	81,000	-
Equipment	-	-	-	-	54,000	9,000	-
Contingency	-	-	-	-	50,000	27,000	-
Other	-	-	-	-	-	-	-
Total Project Costs	$ -	$ -	$ -	$ -	$ 269,500	$ 130,500	$ -

FUNDING SOURCE(S)	Prior to July 2022	2022-23	2023-24	2024-25	2025-26	2026-27	Future Years
General Fund	$ -	$ -	$ -	$ -	$ -	$ -	$ -
GO Bond - Future Referendum FY 2024	-	-	-	-	269,500	130,500	-
	-	-	-	-	-	-	-
Total Funding Sources	$ -	$ -	$ -	$ -	$ 269,500	$ 130,500	$ -

TOTAL PROJECT COST: **$ 400,000**

TOWN OF WAKE FOREST

CAPITAL IMPROVEMENTS PROGRAM

CIP UPDATE FY 2022-2027

DEPARTMENT	PROJECT MANAGER	DEPARTMENTAL PRIORITY
Parks, Recreation & Cultural Resources	Ruben Wall/Randy Hoyle	Medium

PROJECT TITLE
Multipurpose Outdoor Sports Complex

	TYPE OF PROJECT
	1 -Health/Safety/Welfare
	2 - Maintenance/Replacement
	3 - Existing Programs Expansion
X	4 - New Program

PROJECT DESCRIPTION

A multipurpose sports complex to include pickleball courts, tennis courts, sand volleyball and basketball courts.

JUSTIFICATION

The demands for more outdoor activities continues to grow. This became even more evident during the COVID health crisis. We also have a growing, active senior population and outdoor facilities is very popular with citizens 55 and older. This complex would provide for a variety of activities at one location. This would also increase the possibility of hosting tournaments.

PROJECT ALTERNATIVES

Continue to program what we have and partner with other organizations when possible.

OPERATING IMPACT/OTHER COMMENTS

General maintenance will always be ongoing. New restrooms will also be required. The annual cost would be $15,000-$20,000.

PROJECT STATUS New Project - FY 2023

Funds Approved to Date $ -

Funds Expended to Date $ -

CAPITAL COST BREAKDOWN	Prior to July 2022	2022-23	2023-24	2024-25	2025-26	2026-27	Future Years
Planning & Engineering	$ -	$ -	$ -	$ -	$ 140,000	$ 154,000	$ -
Purchase	-	-	-	-	-	500,000	-
Construction	-	-	-	-	-	1,538,000	-
Equipment	-	-	-	-	-	-	-
Contingency	-	-	-		45,000	464,500	-
Other -PAC (1%)	-	-	-	-	-	27,000	-
Total Project Costs	$ -	$ -	$ -	$ -	$ 185,000	$ 2,683,500	$ -

FUNDING SOURCE(S)	Prior to July 2022	2022-23	2023-24	2024-25	2025-26	2026-27	Future Years
GO Bond - Future Referendum FY 2024	-	-	-	-	185,000	2,683,500	-
Total Funding Sources	$ -	$ -	$ -	$ -	$ 185,000	$ 2,683,500	$ -

TOTAL PROJECT COST: $ 2,868,500

TOWN OF WAKE FOREST

CAPITAL IMPROVEMENTS PROGRAM

CIP UPDATE FY 2022-2027

DEPARTMENT	PROJECT MANAGER	DEPARTMENTAL PRIORITY
Parks, Recreation and Cultural Resources	Randy Hoyle/Ruben Wall	Low

PROJECT TITLE
Tyler Run Park Greenway Loop

	TYPE OF PROJECT
	1 -Health/Safety/Welfare
	2 - Maintenance/Replacement
X	3 - Existing Programs Expansion
	4 - New Program

PROJECT DESCRIPTION

Complete 0.25 mile walking path around the perimeter of Tyler Run Park to provide a walking loop.

JUSTIFICATION

The department's master plan recommended that some parks could use better circulation systems within them; particularly paved walkways and loops. The addition of this loop would accomplish that while adding to our greenway system.

PROJECT ALTERNATIVES	OPERATING IMPACT/OTHER COMMENTS
N/A	General maintenance to maintain the greenway once installed would be the only impact. The goal is to encourage health & wellness.

PROJECT STATUS	Continuation - FY 2019		
Funds Approved to Date	$ -	*Funds Expended to Date*	$ -

CAPITAL COST BREAKDOWN	Prior to July 2022	2022-23	2023-24	2024-25	2025-26	2026-27	Future Years
Planning & Engineering	$ -	$ -	$ -	$ -	$ 46,000	$ 20,000	$ -
Purchase	-	-	-	-	-	-	-
Construction	-	-	-	-	-	220,000	
Equipment	-	-	-	-	-	-	-
Contingency	-	-	-	-	15,000	66,000	-
Other	-	-	-	-	-	-	-
Total Project Costs	$ -	$ -	$ -	$ -	$ 61,000	$ 306,000	$ -

FUNDING SOURCE(S)	Prior to July 2022	2022-23	2023-24	2024-25	2025-26	2026-27	Future Years
Recreation Impact Fees	$ -	$ -	$ -	$ -	$ 61,000	$ 306,000	$
Total Funding Sources	$ -	$ -	$ -	$ -	$ 61,000	$ 306,000	$ -

TOTAL PROJECT COST: $ 367,000

TOWN OF WAKE FOREST

CAPITAL IMPROVEMENTS PROGRAM

CIP UPDATE FY 2022 - 2027

DEPARTMENT	PROJECT MANAGER	DEPARTMENTAL PRIORITY
Parks, Recreation and Cultural Resources	Randy Hoyle/Ruben Wall	Medium

PROJECT TITLE
Compact Utility Tractor

	TYPE OF PROJECT
	1 -Health/Safety/Welfare
X	2 - Maintenance/Replacement
	3 - Existing Programs Expansion
	4 - New Program

PROJECT DESCRIPTION
Compact Tractor

JUSTIFICATION
As our park and greenway needs continue to grow, we will need to add an additional compact utility tractor to meet demands.

PROJECT ALTERNATIVES

N/A

OPERATING IMPACT/OTHER COMMENTS

This will give park maintenance 2 tractors that are small and light to operate on sports fields and park landscape.

Eventually, time sensitive tasks will not be completed on time because of the need to share existing compact tractor.

PROJECT STATUS Continuation - FY 2022

Funds Approved to Date $ -

Funds Expended to Date $ -

CAPITAL COST BREAKDOWN	Prior to July 2022	2022-23	2023-24	2024-25	2025-26	2026-27	Future Years
Equipment	$ -	$ -	$ -	$ -	$ 35,000	$ -	$ -
Total Project Costs	$ -	$ -	$ -	$ -	$ 35,000	$ -	$ -

FUNDING SOURCE(S)	Prior to July 2022	2022-23	2023-24	2024-25	2025-26	2026-27	Future Years
Installment Purchase	$ -	$ -	$ -	$ -	$ 35,000	$ -	$ -
Total Funding Sources	$ -	$ -	$ -	$ -	$ 35,000	$ -	$ -

TOTAL PROJECT COST: $ 35,000

TOWN OF WAKE FOREST
CAPITAL IMPROVEMENTS PROGRAM
CIP UPDATE FY 2022 - 2027

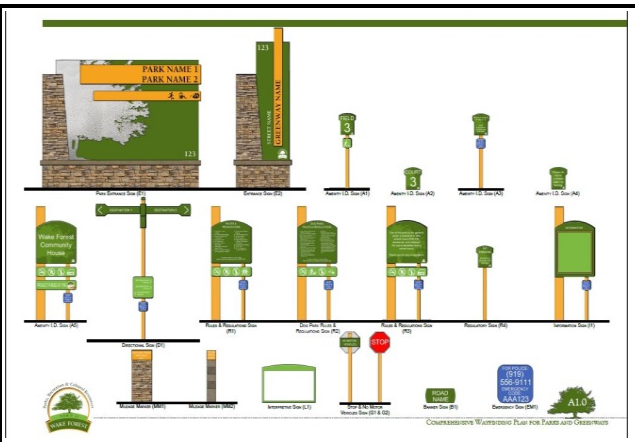
DEPARTMENT	PROJECT MANAGER	DEPARTMENTAL PRIORITY
Parks, Recreation and Cultural Resources	Ruben Wall/Randy Hoyle	Medium

PROJECT TITLE
Greenway and Park Signage (Phase 2)

	TYPE OF PROJECT
	1 -Health/Safety/Welfare
	2 - Maintenance/Replacement
X	3 - Existing Programs Expansion
	4 - New Program

PROJECT DESCRIPTION
Multiyear project. Fabrication and installation costs for wayfinding/directional signage for greenway trailheads, greenway and soft trail paths, and kiosks for Dunn, Smith, Sanford, Richland, Joyner Park and Flaherty etc. Transition existing park/greenway signage and implement the new wayfinding elements in phases.

JUSTIFICATION
Implementation of the Comprehensive Wayfinding Plan for Parks and Greenways we will implement an overall signage and wayfinding system to improve visitors experience to Wake Forest by assisting them in reaching their desired destination, increasing the visibility of the Town's park system through the preservation of the Wake Forest Parks, Recreation, and Cultural Resources brand, and strengthening the community's sense of place. We intend to implement an attractive, consistent, expandable and economical wayfinding and signage program for the town's greenway system.



PROJECT ALTERNATIVES

Greenways
1. Richland Creek (Olde Mill Stream Segment) - $36,000 -- PHASE 2

Parks
1. Holding Park/Forrest Field - $45,000 -- PHASE 2
2. Wake Forest Reservoir - $50,000 -- PHASE 2
3. Heritage High Park - $45,000 -- PHASE 2
4. H.L. Miller Park – $38,000 -- PHASE 2
5. Ailey Young Park - $23,000 -- PHASE 2
6. Kiwanis Park & Greenway - $53,000 -- PHASE 2
7. Plummer Park - $20,000 -- PHASE 2
8. Taylor Street Park - $27,000 -- PHASE 2
9. Tyler Run Park - $38,000 -- PHASE 2

OPERATING IMPACT/OTHER COMMENTS
The Comprehensive Wayfinding Design Workbook has been developed. Sign maintenance will be required for all sign types during bi-weekly maintenance of greenways and parks. Especially for the entrance signs that contain lights, if vandalism occurs, etc.

PROJECT STATUS	Continuation - FY 2017		
Funds Approved to Date	$ -	*Funds Expended to Date*	$ -

CAPITAL COST BREAKDOWN	Prior to July 2022	2022-23	2023-24	2024-25	2025-26	2026-27	Future Years
Construction	$ -	$ -	$ -	$ -	$ -	$ 375,000	$ -
Other	-	-	-	-	-	-	-
Total Project Costs	$ -	$ -	$ -	$ -	$ -	$ 375,000	$ -

FUNDING SOURCE(S)	Prior to July 2022	2022-23	2023-24	2024-25	2025-26	2026-27	Future Years
General Fund	$ -	$ -	$ -	$ -	$ -	$ 375,000	$ -
Total Funding Sources	$ -	$ -	$ -	$ -	$ -	$ 375,000	$ -

TOTAL PROJECT COST: $ 375,000

TOWN OF WAKE FOREST

CAPITAL IMPROVEMENTS PROGRAM

CIP UPDATE FY 2022-2027

DEPARTMENT	PROJECT MANAGER	DEPARTMENTAL PRIORITY
Parks, Recreation and Cultural Resources	Randy Hoyle/Ruben Wall	Medium

PROJECT TITLE
Joyner Park Amphitheater Irrigation and Sod

	TYPE OF PROJECT
	1 -Health/Safety/Welfare
	2 - Maintenance/Replacement
X	3 - Existing Programs Expansion
	4 - New Program

PROJECT DESCRIPTION

Irrigation is currently installed in the Walker and Performance Gardens. This project would extend the irrigation in the turf portion of the amphitheater, surrounding the restrooms and community center.

JUSTIFICATION

The amphitheater is one of the most heavily used areas in the park. Installing irrigation in the amphitheater will allow for better aesthetics during the hot summer months, this would also allow for better maintenance and provide a better product to present to the public. The turf would look great regardless of the weather.

*Picture on top is how is actually looks during dry weather in the summer.

PROJECT ALTERNATIVES

Allow nature to water the area.

OPERATING IMPACT/OTHER COMMENTS

There would likely be an increase in the cost for water usage. However the area would look really nice during our most active times of the year.

PROJECT STATUS	Continuation - FY 2019		
Funds Approved to Date	$ -	*Funds Expended to Date*	$ -

CAPITAL COST BREAKDOWN	Prior to July 2022	2022-23	2023-24	2024-25	2025-26	2026-27	Future Years
Planning & Engineering	$ -	$ -	$ -	$ -	$ 14,000	$ 6,000	$ -
Construction	-	-	-	-	-	100,000	-
Contingency	-	-	-	-	6,000	29,000	-
Total Project Costs	$ -	$ -	$ -	$ -	$ 20,000	$ 135,000	$ -

FUNDING SOURCE(S)	Prior to July 2022	2022-23	2023-24	2024-25	2025-26	2026-27	Future Years
General Fund	$ -	$ -	$ -	$ -	$ 20,000	$ 135,000	$ -
Total Funding Sources	$ -	$ -	$ -	$ -	$ 20,000	$ 135,000	$ -

TOTAL PROJECT COST: $ 155,000

TOWN OF WAKE FOREST
CAPITAL IMPROVEMENTS PROGRAM
CIP UPDATE FY 2022-2027

DEPARTMENT	PROJECT MANAGER	DEPARTMENTAL PRIORITY
Parks, Recreation and Cultural Resources	Ruben Wall/Randy Hoyle	Medium

PROJECT TITLE
Community Center *(South of NC 98 across Capital Blvd.)*

	TYPE OF PROJECT
	1 -Health/Safety/Welfare
	2 - Maintenance/Replacement
	3 - Existing Programs Expansion
X	4 - New Program

PROJECT DESCRIPTION
As the Town's population continues to grow, this facility would serve citizens South of NC 98 across Capital Blvd. The past two Master Plans have noted a lack of services in this area. Proposed uses include: community center, playgrounds, picnic areas and trails.

JUSTIFICATION
This facility would serve the southern quadrant. As the population increases in the Town, the demand for additional parks and recreational facilities also increases which makes the development of this community center an essential project that is critical to enhancing the quality of life for our citizens. The recent master plan which was approved in June 2015 noted a lack of services in this area.

PROJECT ALTERNATIVES
Partner with schools and churches to use shared space.

OPERATING IMPACT/OTHER COMMENTS
*Providing services in an area where we currently do not have a facility
*Expansion of programs and more gym space.
*Decrease the need to rent school facilities.

PROJECT STATUS	Continuation - FY 2018		
Funds Approved to Date	$ -	*Funds Expended to Date*	$ -

CAPITAL COST BREAKDOWN	Prior to July 2022	2022-23	2023-24	2024-25	2025-26	2026-27	Future Years
Planning & Engineering	$ -	$ -	$ -	$ -	$ -	$ 700,000	$ 300,000
Construction	-	-	-	-	-	-	10,000,000
Contingency	-	-	-	-	-	224,000	2,796,000
Other - PAC	-	-	-	-	-	-	100,000
Total Project Costs	$ -	$ -	$ -	$ -	$ -	$ 924,000	$ 13,096,000

FUNDING SOURCE(S)	Prior to July 2022	2022-23	2023-24	2024-25	2025-26	2026-27	Future Years
GO Bonds - Future Referendum FY 2024	$ -	$ -	$ -	$ -	$ -	$ 924,000	$ 13,096,000
Total Funding Sources	$ -	$ -	$ -	$ -	$ -	$ 924,000	$ 13,096,000

TOTAL PROJECT COST: $ 14,020,000

TOWN OF WAKE FOREST
CAPITAL IMPROVEMENTS PROGRAM
CIP UPDATE FY 2022-2027

DEPARTMENT	PROJECT MANAGER	DEPARTMENTAL PRIORITY
Parks, Recreation and Cultural Resources	Randy Hoyle/Ruben Wall	Medium

PROJECT TITLE
Install Dog Park #2

	TYPE OF PROJECT
	1 -Health/Safety/Welfare
	2 - Maintenance/Replacement
	3 - Existing Programs Expansion
X	4 - New Program

PROJECT DESCRIPTION
As the town continues to grow the need to build additional facilities will grow as well. The location to build the new dog park will be determine by the growth. The goal is to create a park for large dogs, small dogs, all-weather-all-dogs. This facility would also include shelters/canopies, benches and water fountains.

JUSTIFICATION
This park would also relieve the growing number of users at the existing dog park. The all-weather-all-dogs section, contained of wood chips, will allow dogs to be off-leash during wet weather conditions to avoid mud. Also, this area would be predominantly used in cooler months to allow the other areas to be closed to preserve or re-establish some turf.

PROJECT ALTERNATIVES
Continue to use the existing dog park but we will eventually outgrow that facility.

OPERATING IMPACT/OTHER COMMENTS
Master plan park improvements. The main objective is to add amenities for park users as the towns population grows. This facility would require some daily maintenance which includes staff time and equipment.

PROJECT STATUS Continuation - FY 2022

Funds Approved to Date $ -

Funds Expended to Date $ -

CAPITAL COST BREAKDOWN	Prior to July 2022	2022-23	2023-24	2024-25	2025-26	2026-27	Future Years
Planning & Engineering	$ -	$ -	$ -	$ -	$ -	$ 26,500	$ 26,500
Construction	-	-	-	-	-	-	250,000
Contingency	-	-	-	-	-	8,500	71,000
Total Project Costs	$ -	$ -	$ -	$ -	$ -	$ 35,000	$ 347,500

FUNDING SOURCE(S)	Prior to July 2022	2022-23	2023-24	2024-25	2025-26	2026-27	Future Years
Recreation Impact Fees	$ -	$ -	$ -	$ -	$ -	$ 35,000	$ 347,500
Total Funding Sources	$ -	$ -	$ -	$ -	$ -	$ 35,000	$ 347,500

TOTAL PROJECT COST: $ 382,500

TOWN OF WAKE FOREST

CAPITAL IMPROVEMENTS PROGRAM

CIP UPDATE FY 2022-2027

DEPARTMENT	PROJECT MANAGER	DEPARTMENTAL PRIORITY
Parks, Recreation and Cultural Resources	Randy Hoyle/Ruben Wall	Medium

PROJECT TITLE
Park Sidewalk & Greenway Connections

	TYPE OF PROJECT
	1 -Health/Safety/Welfare
	2 - Maintenance/Replacement
X	3 - Existing Programs Expansion
	4 - New Program

PROJECT DESCRIPTION
Park Sidewalk/Greenway Connection

JUSTIFICATION
Some park features are not connected by sidewalks and some are not connected to internal greenways. This project aims to accomplish this task.

Locations:
1) Smith Creek Soccer Center sidewalk to shelter and greenway

PROJECT ALTERNATIVES

Asphalt Multi-use path, or greenway.

OPERATING IMPACT/OTHER COMMENTS

General maintenance as needed

PROJECT STATUS Continuation - FY 2020

Funds Approved to Date $ -

Funds Expended to Date $ -

CAPITAL COST BREAKDOWN	Prior to July 2022	2022-23	2023-24	2024-25	2025-26	2026-27	Future Years
Planning & Engineering	$ -	$ -	$ -	$ -	$ -	$ 3,600	$ -
Construction	-	-	-	-	-	40,000	-
Contingency	-	-	-	-	-	12,000	-
Total Project Costs	$ -	$ -	$ -	$ -	$ -	$ 55,600	$ -

FUNDING SOURCE(S)	Prior to July 2022	2022-23	2023-24	2024-25	2025-26	2026-27	Future Years
Recreation Impact Fees	$ -	$ -	$ -	$ -	$ -	$ 55,600	$ -
Total Funding Sources	$ -	$ -	$ -	$ -	$ -	$ 55,600	$ -

TOTAL PROJECT COST: **$ 55,600**

Capital Improvement Plan

GREENWAYS, TRANSPORTATION AND PEDESTRIAN ACCESS (GTP) - BY PROJECT

	PROJECT TITLE	PRIORITY TYPE	PRIOR TO JULY 2022	2022-2023	2023-2024	2024-2025	2025-2026	2026-2027	FUTURE YEARS	TOTALS
1	Roadway - Ligon Mill Road Smith Creek Bridge Improvements	H - 3	$ -	$ 73,000	$ -	$ -	$ -	$ -	$ -	73,000
2	Rogers Branch Road Extension	H - 4	253,000	253,000	253,000	-	-	-	-	759,000
3	Endeavor Charter School Expansion Offsite Improvements	H - 4	25,000	250,000	225,000	155,000	155,000	155,000	-	965,000
4	Dunn Creek Greenway - Phase 4	M - 3	-	358,500	53,500	1,254,500	-	-	-	1,666,500
5	**Traffic/Pedestrian Signals**	M - 3	-	680,000	520,000	520,000	210,000	210,000	-	2,140,000
6	Bus Shelter Installations	M - 3	-	113,500	113,500	47,000	-	-	-	274,000
7	Road Connections	M - 3	-	461,500	3,175,000	-	-	-	703,500	4,340,000
8	Forbes Property Infrastructure Improvements	H - 4	-	95,000	95,000	95,000	-	-	-	285,000
9	**Dunn Creek Greenway - Phase 3**	M - 3	653,000	24,500	-	4,377,500	-	-	-	5,055,000
10	**Smith Creek Greenway - Phase 2**	H - 3	1,142,100	-	37,000	4,727,500	-	-	-	5,906,600
11	**Smith Creek Greenway - Phase 3**	H - 3	640,600	-	93,600	1,468,300	981,200	-	-	3,183,700
12	Rogers Road Grade Separation	H - 3	-	-	-	330,000	330,000	-	-	660,000
	TOTALS		$ 2,713,700	$ 2,309,000	$ 4,565,600	$ 12,974,800	$ 1,676,200	$ 365,000	$ 703,500	$ 25,307,800

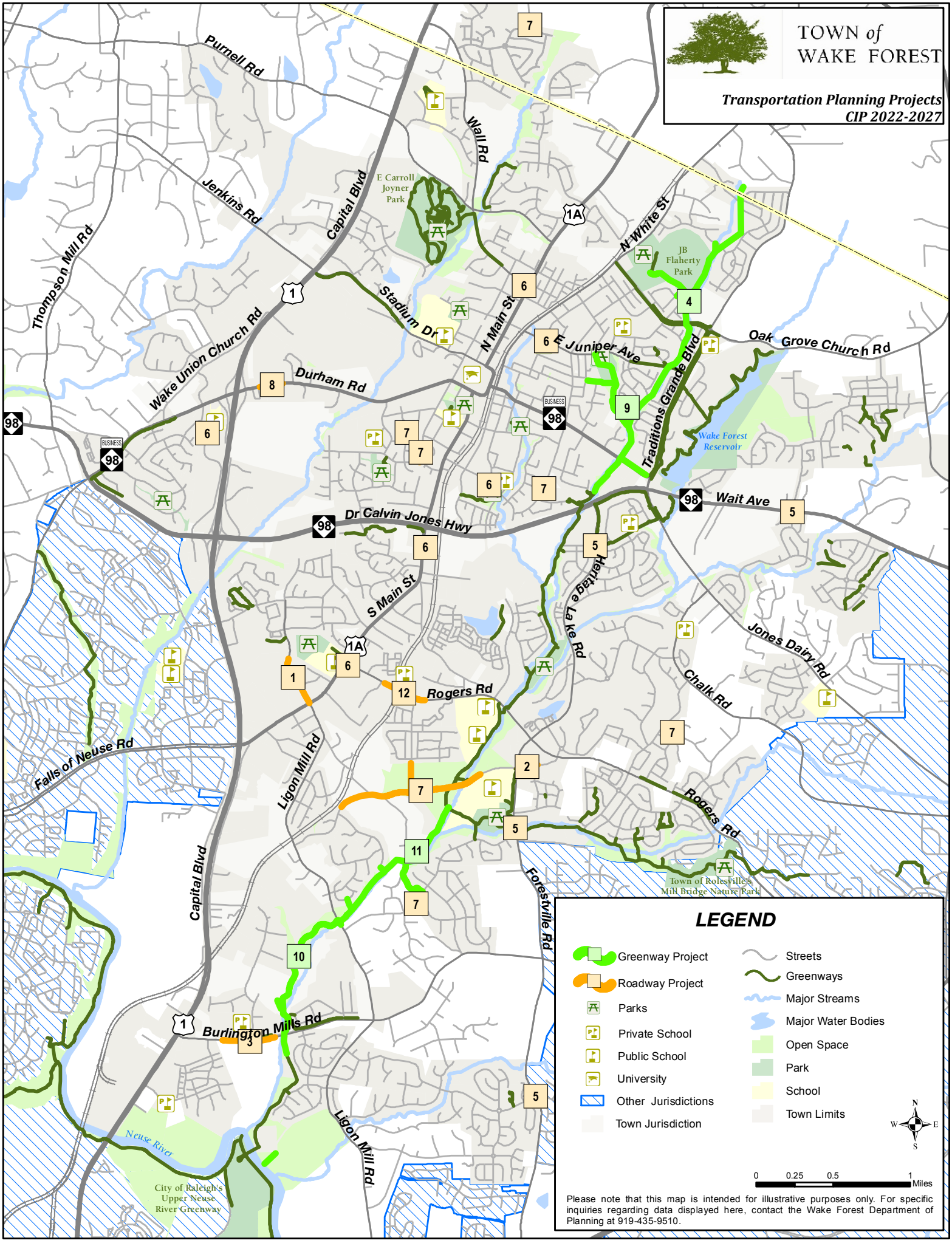
* **Bold** denotes project which includes 2014 bond referendum allocation

Priority definitions:	H	High
	M	Medium
	L	Low
Program type:	1	Health/Safety/Welfare
	2	Maintenance/Replacement
	3	Existing programs expansion
	4	New programs expansion

Note 1: This section is used to account for the design, construction and improvements to roadways, greenways, trails, bike paths and pedestrian access throughout the town.

CIP Transportation 2022-27

Type	Project #	PROJECT TITLE
Roadway	1	Ligon Mill Road / Smith Creek Bridge Improvements
Roadway	2	Rogers Branch Road Extension
Roadway	3	Endeavor Charter School Expansion Offsite Improvements
Greenway	4	Dunn Creek Greenway Phase 4
Roadway	5	Traffic/Pedestrian Signals
Roadway	6	Bus Shelter Installations
Roadway	7	Road Connections
Roadway	8	Forbes Property Infrastructure Improvements
Greenway	9	Dunn Creek Greenway Phase 3
Greenway	10	Smith Creek Greenway - Phase 2
Greenway	11	Smith Creek Greenway - Phase 3
Roadway	12	Rogers Road Grade Separation


TOWN of WAKE FOREST
Transportation Planning Projects
CIP 2022-2027
Purnell Rd
Jenkins Rd
Thompson Mill Rd
Wake Union Church Rd
Capital Blvd
Wall Rd
E Carroll Joyner Park
Stadium Dr
N Main St
N White St
JB Flaherty Park
E Juniper Ave
Oak Grove Church Rd
Traditions Grande Blvd
Wake Forest Reservoir
Durham Rd
Dr Calvin Jones Hwy
Wait Ave
S Main St
Heritage Lake Rd
Jones Dairy Rd
Chalk Rd
Rogers Rd
Falls of Neuse Rd
Ligon Mill Rd
Forestville Rd
Burlington Mills Rd
Neuse River
City of Raleigh's Upper Neuse River Greenway
Town of Rolesville's Mill Bridge Nature Park
LEGEND
Greenway Project
Roadway Project
Parks
Private School
Public School
University
Other Jurisdictions
Town Jurisdiction
Streets
Greenways
Major Streams
Major Water Bodies
Open Space
Park
School
Town Limits
N
W
E
S
0
0.25
0.5
1
Miles
Please note that this map is intended for illustrative purposes only. For specific inquiries regarding data displayed here, contact the Wake Forest Department of Planning at 919-435-9510.

TOWN OF WAKE FOREST
CAPITAL IMPROVEMENTS PROGRAM
CIP UPDATE FY 2022 - 2027

DEPARTMENT	PROJECT MANAGER	DEPARTMENTAL PRIORITY
GTP	Joe Guckavan	High

PROJECT TITLE
Roadway - Ligon Mill Road Smith Creek Bridge Improvements

	TYPE OF PROJECT
	1 -Health/Safety/Welfare
	2 - Maintenance/Replacement
X	3 - Existing Programs Expansion
	4 - New Program

PROJECT DESCRIPTION
TIP Project B-5318: The project consists of the replacement of Bridge No. 126 over Smith Creek on SR 2044 (Ligon Mill Road). Town requested betterments include raising the grade and lengthening the bridge to accommodate a planned greenway, constructing a portion of the greenway directly underneath the bridge, and the construction of 8' wide sidewalk. This project accommodates the Smith Creek Greenway Phase 2 and 3 with Ligon Mill Road being the phase line. Phase 2 goes west toward One World Way and Phase 3 goes east toward Heritage High School. This project also includes NCDOT easement acquisition from Town property in accordance with the pending approval of the resolution by the Board. The NCDOT Greenway Accommodation Policy provides town obligation of 30% of the actual cost, including administrative costs.

JUSTIFICATION
Implementation of the Smith Creek Greenway Phases 2 and 3 in accordance with the Town's Comprehensive Transportation Plan (CTP). NCDOT Greenway Accommodation Policy provides 70% of costs. The Town is obligated for 30% of the actual cost, including administrative costs. Total cost to the town including modifications to accommodate the greenway are $35,000, construction of the greenway underneath the bridge $26,000, and construction of the sidewalk $12,000 for a total of $73,000. This project will provide significant improvements to the intersection of Ligon Mill and S. Main Street.

PROJECT ALTERNATIVES
No alternative proposed.

OPERATING IMPACT/OTHER COMMENTS
NCDOT Greenway Accommodation Policy (70/30) Outlined in Municipal Agreement TIP B-5318, Executed July 16, 2017

PROJECT STATUS	New Project - FY 2023		
Funds Approved to Date	$ -	*Funds Expended to Date*	$ -

CAPITAL COST BREAKDOWN	Prior to July 2022	2022-23	2023-24	2024-25	2025-26	2026-27	Future Years
Purchase	$ -	$ 73,000	$ -	$ -	$ -	$ -	$ -
Total Project Costs	$ -	$ 73,000	$ -	$ -	$ -	$ -	$ -

FUNDING SOURCE(S)	Prior to July 2022	2022-23	2023-24	2024-25	2025-26	2026-27	Future Years
Other - NCDOT Reimbursement TIP B-5318	$ -	$ 73,000	$ -	$ -	$ -	$ -	$ -
Total Funding Sources	$ -	$ 73,000	$ -	$ -	$ -	$ -	$ -

TOTAL PROJECT COST: **$73,000**

TOWN OF WAKE FOREST
CAPITAL IMPROVEMENTS PROGRAM
CIP UPDATE FY 2022-2027

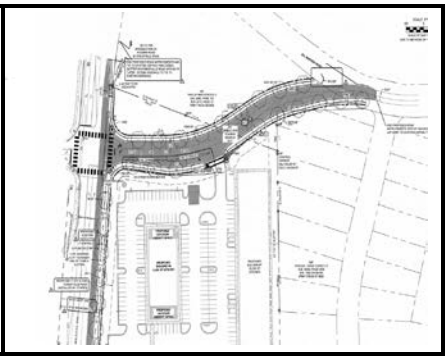
DEPARTMENT	PROJECT MANAGER	DEPARTMENTAL PRIORITY
GTP	Joe Guckavan	High

PROJECT TITLE
Rogers Branch Road Extension

	TYPE OF PROJECT
	1 -Health/Safety/Welfare
	2 - Maintenance/Replacement
	3 - Existing Programs Expansion
X	4 - New Program

PROJECT DESCRIPTION
Extension of Rogers Branch Road from its current dead end to the intersection of Foundation Drive and Forestville Road.

JUSTIFICATION
Heritage Lake/Forestville and Rogers Road is one of the busier intersections in Town. This extension would provide better connectivity for faster response times for emergency personnel as well as provide an alternative route to Heritage High School. This project is through a private/public partnership and will be constructed by a private developer.



PROJECT ALTERNATIVES
Construct as a Town Project at a higher cost.

OPERATING IMPACT/OTHER COMMENTS
Reimbursement over three years.

PROJECT STATUS Continuation - FY 2021

Funds Approved to Date $ 253,000

Funds Expended to Date $ -

CAPITAL COST BREAKDOWN	Prior to July 2022	2022-23	2023-24	2024-25	2025-26	2026-27	Future Years
Planning & Engineering	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Purchase	-	-	-	-	-	-	-
Construction	253,000	253,000	253,000	-	-	-	-
Equipment	-	-	-	-	-	-	-
Contingency	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-
Total Project Costs	$ 253,000	$ 253,000	$ 253,000	$ -	$ -	$ -	$ 759,000

FUNDING SOURCE(S)	Prior to July 2022	2022-23	2023-24	2024-25	2025-26	2026-27	Future Years
General Fund	$ 138,000	$ 253,000	$ 253,000	$ -	$ -	$ -	$ -
Other (PILOT) - Fee In-Lieu Payment	115,000	-	-	-	-	-	-
Total Funding Sources	$ 253,000	$ 253,000	$ 253,000	$ -	$ -	$ -	$ -

TOTAL PROJECT COST: $ 759,000

TOWN OF WAKE FOREST
CAPITAL IMPROVEMENTS PROGRAM
CIP UPDATE FY 2022-2027

DEPARTMENT	PROJECT MANAGER	DEPARTMENTAL PRIORITY
GTP	Joe Guckavan	High

PROJECT TITLE
Endeavor Charter School Expansion Offsite Improvements

	TYPE OF PROJECT
	1 -Health/Safety/Welfare
	2 - Maintenance/Replacement
	3 - Existing Programs Expansion
X	4 - New Program

PROJECT DESCRIPTION
Offsite infrastructure improvements related to the Traffic Impact Analysis submitted in June 2020 (Approved July 2020) and providing safe ingress and egress to the newly expanded school. Improvements are located at the intersection of Burlington Mills Road and One World Way.

JUSTIFICATION
Pursuant NCGS 160A-307.1, a city may only require street improvements related to schools that are required for safe ingress and egress to the municipal street system. The costs of all required improvements shall be reimbursed by the city.
****** The Board of Commissioners approved the agreement on August 17, 2021. The amount is not to exceed $965,000 to be paid over three to five years. The first installment was paid on December 30, 2021 and the remaining installments will be paid over the next three to five years.

PROJECT ALTERNATIVES	OPERATING IMPACT/OTHER COMMENTS
None.	Reimbursement over three to five years

PROJECT STATUS	Continuation - FY 2022		
Funds Approved to Date	$ 25,000	*Funds Expended to Date*	$ -

CAPITAL COST BREAKDOWN	Prior to July 2022	2022-23	2023-24	2024-25	2025-26	2026-27	Future Years
Planning & Engineering	$ 25,000	$ -	$ -	$ -	$ -	$ -	$ -
Construction	-	200,000	175,000	125,000	125,000	125,000	-
Contingency	-	50,000	45,000	30,000	30,000	30,000	-
Other	-	-	-	-	-	-	-
Total Project Costs	$ 25,000	$ 250,000	$ 220,000	$ 155,000	$ 155,000	$ 155,000	$ -

FUNDING SOURCE(S)	Prior to July 2022	2022-23	2023-24	2024-25	2025-26	2026-27	Future Years
General Fund	$ 25,000	$ -	$ -	$ 155,000	$ 155,000	$ 155,000	$ -
Other - Fee-in-Lieu (PILOT)	-	150,000	225,000	-	-	-	-
Other - NCDOT Reimbursement	-	100,000	-	-	-	-	-
Total Funding Sources	$ 25,000	$ 250,000	$ 225,000	$ 155,000	$ 155,000	$ 155,000	$ -

TOTAL PROJECT COST: $ 965,000

TOWN OF WAKE FOREST
CAPITAL IMPROVEMENTS PROGRAM
CIP UPDATE FY 2022 - 2027

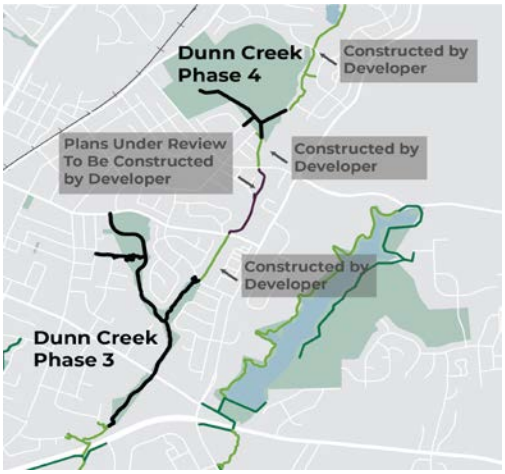
DEPARTMENT	PROJECT MANAGER	DEPARTMENTAL PRIORITY
GTP	Dylan Bruchhaus	Medium

PROJECT TITLE
Greenway - Dunn Creek Greenway Phase 4

	TYPE OF PROJECT
	1 - Health/Safety/Welfare
	2 - Maintenance/Replacement
X	3 - Existing Programs Expansion
	4 - New Program

PROJECT DESCRIPTION
Preliminary engineering, ROW acquisition, and construction of Dunn Creek Greenway: North of Traditions Grande Blvd to Flaherty Park and Sedgefield Subdivision. Approximately .28 miles of greenway. Per the Parks, Recreation, and Cultural Resources Master Plan Update a 10' wide asphalt greenway trail will be added to provide a loop around the sports fields at Flaherty Park.

JUSTIFICATION
Implementation of the adopted Open Space & Greenways, Comprehensive Transportation Plan and Parks, Recreation, and Cultural Resources Master Plan Update for the Town of Wake Forest. Staff will pursue LAPP/SPOT funding opportunities to support construction of the .28 mile greenway connection. The developer of Traditions is constructing approximately 1.3 miles of this greenway which includes Wildflower Ridge Rd to the greenway phase 4 gap and from the phase 4 gap to the county line. Phase 4 will be the final leg of the Dunn Creek Greenway and would connect a North-South spine from the northern boundary to the southern boundary of the Town.



PROJECT ALTERNATIVES
N/A.

OPERATING IMPACT/OTHER COMMENTS
Bid with phase 3. Apply for grants, if available.

PROJECT STATUS Continuation - FY 2017

Funds Approved to Date $ -

Funds Expended to Date $ -

CAPITAL COST BREAKDOWN	Prior to July 2022	2022-23	2023-24	2024-25	2025-26	2025-26	Future Years
Planning & Engineering	$ -	$ 250,000	$ -	$ -	$ -	$ -	$ -
Purchase	-	-	50,000	-	-	-	-
Construction	-	-	-	944,000	-	-	-
Contingency	-	105,000	3,500	257,500	-	-	-
Equipment	-	-	-	41,000	-	-	-
Other- PAC 1%	-	3,500	-	12,000	-	-	-
Total Project Costs	$ -	$ 358,500	$ 53,500	$ 1,254,500	$ -	$ -	$ -

FUNDING SOURCE(S)	Prior to July 2022	2022-23	2023-24	2024-25	2025-26	2025-26	Future Years
General Fund	$ -	$ 358,500	$ 53,500	$ -	$ -	$ -	$ -
GO Bonds - Future Referendum FY 2022	-	-	-	1,254,500	-	-	-
Grant Funds - Future Application	-	-	-	-	-	-	-
Total Funding Sources	$ -	$ 358,500	$ 53,500	$ 1,254,500	$ -	$ -	$ -

TOTAL PROJECT COST: **$ 1,666,500**

TOWN OF WAKE FOREST
CAPITAL IMPROVEMENTS PROGRAM
CIP UPDATE FY 2022-2027

DEPARTMENT	PROJECT MANAGER	DEPARTMENTAL PRIORITY
GTP	Joe Guckavan	Medium

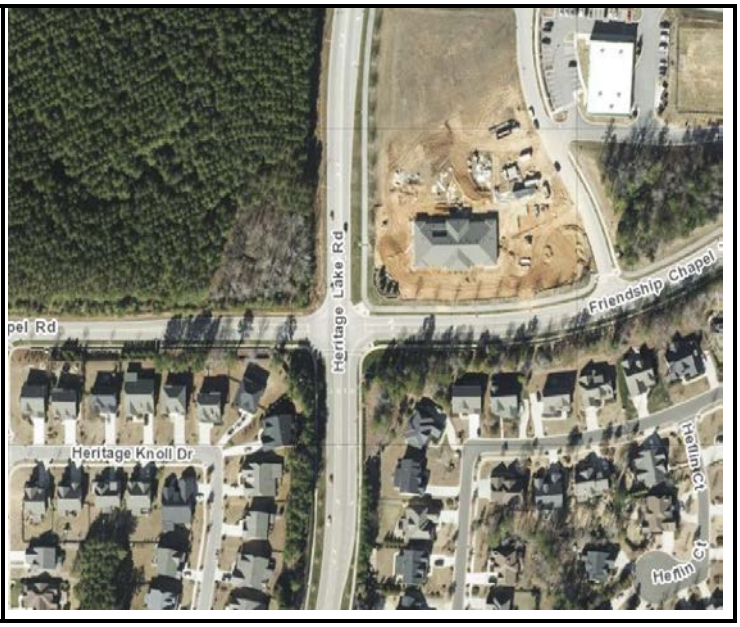
PROJECT TITLE
Traffic/Pedestrian Signals

	TYPE OF PROJECT
	1 -Health/Safety/Welfare
	2 - Maintenance/Replacement
X	3 - Existing Programs Expansion
	4 - New Program

PROJECT DESCRIPTION
Addition of Traffic Signals at intersections that have met signal warrants or need to be studied.

JUSTIFICATION
Traffic Signals are needed at the following intersections due to increased residential development, safety concerns for motorists and pedestrians and/or shopping nearby. This is a multi-year project and the list is expected to be ongoing.

Intersections:
Wait Avenue/Middlegame - FY 22-23
Forestville/Coach Lantern - FY 22-23



PROJECT ALTERNATIVES
NCDOT Contribution or other funding.

OPERATING IMPACT/OTHER COMMENTS
Heritage Lake Road and Friendship Chapel Road to be completed by developer.

PROJECT STATUS Continuation - FY 2014

Funds Approved to Date $ -

Funds Expended to Date $ -

CAPITAL COST BREAKDOWN	Prior to July 2022	2022-23	2023-24	2024-25	2025-26	2026-27	Future Years
Planning & Engineering	$ -	$ 40,000	$ 30,000	$ 30,000	$ 15,000	$ 15,000	$ -
Construction	-	500,000	400,000	400,000	150,000	150,000	-
Contingency	-	145,000	90,000	90,000	45,000	45,000	-
Other	-	-	-	-	-	-	-
Total Project Costs	$ -	$ 685,000	$ 520,000	$ 520,000	$ 210,000	$ 210,000	$ -

FUNDING SOURCE(S)	Prior to July 2022	2022-23	2023-24	2024-25	2025-26	2026-27	Future Years
General Fund	$ -	$ 615,000	$ 455,000	$ 360,000	$ 50,000	$ 50,000	$ -
Grants - NCDOT - Future Application	-	-	-	-	-	-	-
GO Bonds - Future Referendum FY 2022	-	-	-	160,000	160,000	160,000	-
Other - Middlegame/Bowling Green HOA (PILOT)	-	65,000	65,000	-	-	-	-
Total Funding Sources	$ -	$ 680,000	$ 520,000	$ 520,000	$ 210,000	$ 210,000	$ -

TOTAL PROJECT COST: $ 2,140,000

TOWN OF WAKE FOREST
CAPITAL IMPROVEMENTS PROGRAM
CIP UPDATE FY 2022 - 2027

DEPARTMENT	PROJECT MANAGER	DEPARTMENTAL PRIORITY
GTP	Dylan Bruchhaus	Medium

PROJECT TITLE
Bus Shelter Installations

	TYPE OF PROJECT
	1 - Health/Safety/Welfare
	2 - Maintenance/Replacement
X	3 - Existing Programs Expansion
	4 - New Program

PROJECT DESCRIPTION
Installation of bus shelters, benches, lighting, and amenities at bus stops along the Wake Forest Loop and Reverse Loop.

JUSTIFICATION
Building supporting infrastructure for our transportation service is vital for the success of our system. Better bike and pedestrian facilities in combination with high quality passenger waiting shelters will result in more ridership and better return on investment on the service hours we operate. The Town will continue to work to add bus shelters and bus stop amenities such as benches, lighting and litter receptacles to our system every year. These are prioritized by ridership numbers. Installation locations along the Reverse Loop will be pushed back one fiscal year due to COVID-19 to allow ridership to reach normal levels. At that point, staff will determine locations based on high performing stops. Previous research assumes 3 shelters per year total for both loops. Shelters will be installed by the Streets Department.

PROJECT ALTERNATIVES
N/A

OPERATING IMPACT/OTHER COMMENTS
Installation of 3 bus shelters per year shelter, including benches and solar lighting. Annual maintenance of bus shelters is estimated at $1,000 annually per shelter. In year 3, purchase of additional 10 benches for stop locations.

PROJECT STATUS Continuation - FY 2020

Funds Approved to Date $ -

Funds Expended to Date $ -

CAPITAL COST BREAKDOWN	Prior to July 2022	2022-23	2023-24	2024-25	2025-26	2026-27	Future Years
Planning & Engineering	$ -	$ 2,500	$ 2,500	$ 8,500	$ -	$ -	$ -
Purchase	-	100,000	100,000	24,000	-	-	-
Construction	-	2,500	2,500	7,500	-	-	-
Contingency	-	8,500	8,500	7,000	-	-	-
Total Project Costs	$ -	$ 113,500	$ 113,500	$ 47,000	$ -	$ -	$ -

FUNDING SOURCE(S)	Prior to July 2022	2022-23	2023-24	2024-25	2025-26	2026-27	Future Years
GO Bonds - Future Referendum FY 2022	$ -	$ 113,500	$ 113,500	$ 47,000	$ -	$ -	$ -
Total Funding Sources	$ -	$ 113,500	$ 113,500	$ 47,000	$ -	$ -	$ -

TOTAL PROJECT COST: $ 274,000

TOWN OF WAKE FOREST
CAPITAL IMPROVEMENTS PROGRAM
CIP UPDATE FY 2022-2027

DEPARTMENT	PROJECT MANAGER	DEPARTMENTAL PRIORITY
GTP	Joe Guckavan	High

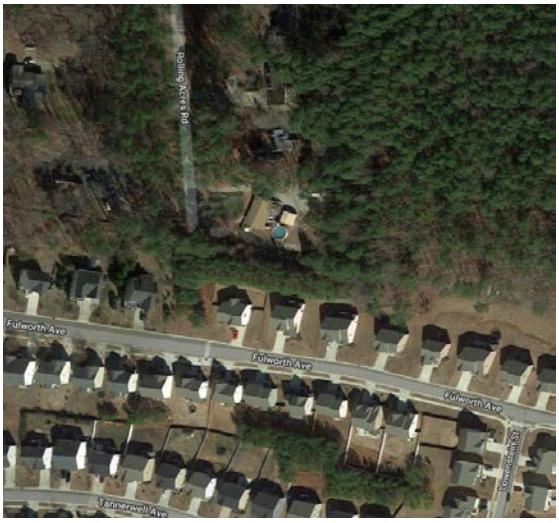
PROJECT TITLE
Roadway - Road Connections

	TYPE OF PROJECT
	1 -Health/Safety/Welfare
	2 - Maintenance/Replacement
X	3 - Existing Programs Expansion
	4 - New Program

PROJECT DESCRIPTION
Construct roadway connections in roads that have missing sections.

JUSTIFICATION
Connect existing roadways with missing sections as part of the adopted Comprehensive Transportation Plan, which will allow for faster response time for Fire and EMS in case of an emergency, as well as alternate routes for traffic due to better connectivity.

Projected Start Year	Project
FY 2022-23:	Preliminary Engineering and Feasibility
FY 2023-24:	South Allen (Middle Bridge Rd to Quail Ave) - 0.02 miles
	Song Sparrow Road (Trawden Dr to Redstart Ct) - 0.02 miles
	Pineview Drive (Woodland Dr to Dacus Pl) - 0.15 miles
	S. Wingate Street (W. Holding Ave to Kinvara Ct) - 0.04 miles
	S. Wingate Street (W. Pine Ave to W. Juniper Ave) - 0.21 miles



PROJECT ALTERNATIVES
N/A

OPERATING IMPACT/OTHER COMMENTS
Roadway Connections prior to July 2019 were combined with street rehabilitation for one debt issuance ($2.4 million - Installment Purchase Agreement)

Ensure to match latest CTP update for roadway cross-sections.

PROJECT STATUS Continuation - FY 2017

Funds Approved to Date $ -

Funds Expended to Date $ -

CAPITAL COST BREAKDOWN	Prior to July 2022	2022-23	2023-24	2024-25	2025-26	2026-27	Future Years
Planning & Engineering	$ -	$ 325,000	$ -	$ -	$ -	$ -	$ 100,000
Purchase	-	-	-	-	-	-	-
Construction	-	-	2,500,000	-		-	450,000
Contingency	-	136,500	675,000	-	-	-	153,500
Total Project Costs	$ -	$ 461,500	$ 3,175,000	$ -	$ -	$ -	$ 703,500

FUNDING SOURCE(S)	Prior to July 2022	2022-23	2023-24	2024-25	2025-26	2026-27	Future Years
General Fund	$ -	$ 325,000	$ -	$ -	$ -	$ -	$ -
Installment Purchase	-	-	-	-	-	-	-
GO Bonds - Future Referendum FY2022	-	-	3,175,000	-	-	-	703,500
Capital Reserve	-	136,500	-	-	-	-	-
Total Funding Sources	$ -	$ 461,500	$ 3,175,000	$ -	$ -	$ -	$ 703,500

TOTAL PROJECT COST: $ 4,340,000

TOWN OF WAKE FOREST
CAPITAL IMPROVEMENTS PROGRAM
CIP UPDATE FY 2022-2027

DEPARTMENT	PROJECT MANAGER	DEPARTMENTAL PRIORITY
GTP	Joe Guckavan	High

PROJECT TITLE
Forbes Property Infrastructure Improvements

	TYPE OF PROJECT
	1 -Health/Safety/Welfare
	2 - Maintenance/Replacement
	3 - Existing Programs Expansion
X	4 - New Program

PROJECT DESCRIPTION
Infrastructure improvements associated with the development of the Forbes Property. The Developer will be widening an existing section of Ligon Mill Road between Palisades Apartments and Millers Mark Avenue, constructing the connection of Bluebird Lane from its existing terminus to Ligon Mill Road, and upgrading four traffic signals to metal mast arms.

JUSTIFICATION
The widening of Ligon Mill Road for the small section will allow Ligon Mill Road to be 4-lane, median divided, from Stone Monument Drive to just north of NC 98 Bypass. Additionally, the Town collected a fee-in-lieu for the connection Blue Bird Lane when the Villas of Wake Forest was constructed. The requirement of mast arm signal poles will allow the signals along NC 98 Bypass to be consistent with existing signals and proposed signals by other developments.

PROJECT ALTERNATIVES	OPERATING IMPACT/OTHER COMMENTS
Construct as a Town Project	Reimbursement over three years.

PROJECT STATUS	Continuation - FY 2022		
Funds Approved to Date	$ -	*Funds Expended to Date*	$ -

CAPITAL COST BREAKDOWN	Prior to July 2022	2022-23	2023-24	2024-25	2025-26	2026-27	Future Years
Planning & Engineering	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Purchase	-	-	-	-	-	-	-
Construction	-	75,000	75,000	75,000	-	-	-
Equipment	-	-	-	-	-	-	-
Contingency	-	20,000	20,000	20,000	-	-	-
Other	-	-	-	-	-	-	-
Total Project Costs	$ -	$ 95,000	$ 95,000	$ 95,000	$ -	$ -	$ -

FUNDING SOURCE(S)	Prior to July 2022	2022-23	2023-24	2024-25	2025-26	2026-27	Future Years
General Fund	$ -	$ 20,000	$ 90,500	$ 95,000	$ -	$ -	$ -
Other (PILOT) - Fee-In-Lieu Payment	-	75,000	4,500	-	-	-	-
Total Funding Sources	$ -	$ 95,000	$ 95,000	$ 95,000	$ -	$ -	$ -

TOTAL PROJECT COST: $ 285,000

TOWN OF WAKE FOREST
CAPITAL IMPROVEMENTS PROGRAM
CIP UPDATE FY 2022 - 2027

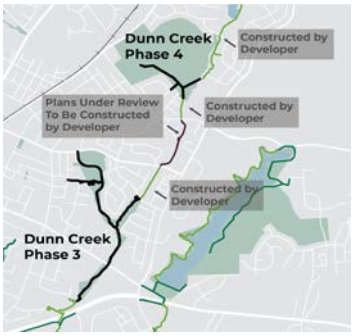
DEPARTMENT	PROJECT MANAGER	DEPARTMENTAL PRIORITY
GTP	Dylan Bruchhaus	High

PROJECT TITLE
Greenway - Dunn Creek Greenway Phase 3

	TYPE OF PROJECT
	1 - Health/Safety/Welfare
	2 - Maintenance/Replacement
X	3 - Existing Programs Expansion
	4 - New Program

PROJECT DESCRIPTION
Preliminary engineering, ROW acquisition, and construction of Dunn Creek Greenway: Town Property to NC 98 Business(Wait Avenue) to E Juniper Ave . This project includes a 1.9 mile trail connection to Ailey Young Park within the Northeast Neighborhood. There are approximately three pedestrian bridge crossings proposed for this project. The project has multiple boardwalk sections.

JUSTIFICATION
Implementation of the adopted Open Space & Greenways and Comprehensive Transportation Plans for the Town of Wake Forest. Dunn Creek is key north/south corridor that connects to Smith Creek Greenway and the Neuse River Trail. Once completed, the segment will provide access to downtown Wake Forest, residential subdivisions, commercial developments, schools, Ailey Young Park on E. Juniper Avenue (Northeast End), Wake Forest Reservoir, and Smith Creek Soccer Center. The benefits that a greenway can bring to this area include: stormwater capacity, that can balance increased impervious surfaces, recreation opportunities, buffers, and a route for pedestrian and bicycle transportation. The Town is paying for Design and Right-of-Way. Staff will also pursue LAPP or other grant funding to support the cost of construction for the Dunn Creek Greenway, Phase 3 project.



PROJECT ALTERNATIVES
N/A.

OPERATING IMPACT/OTHER COMMENTS
Bid with phase 4. Apply for grants, if available.

PROJECT STATUS Continuation - FY 2014

Funds Approved to Date	*Funds Expended to Date*
$ 653,000	$ 682,692

CAPITAL COST BREAKDOWN	Prior to July 2022	2022-23	2023-24	2024-25	2025-26	2026-27	Future Years
Planning & Engineering	$ 576,900		$ -	$ 21,500	$ -	$ -	$ -
Purchase	70,000	23,000	-	-	-	-	-
Construction	-	-	-	3,389,200	-	-	-
Equipment	-	-	-	40,800	-	-	-
Contingency	-	1,500	-	926,000	-	-	-
Other- PAC 1%	-	-	-	-	-	-	-
Total Project Costs	$ 646,900	$ 24,500	$ -	$ 4,377,500	$ -	$ -	$ -

FUNDING SOURCE(S)	Prior to July 2022	2022-23	2023-24	2024-25	2025-26	2026-27	Future Years
General Fund	$ -	$ 24,500	$ -	$ -	$ -	$ -	$ -
GO Bonds - 2014 Referendum	653,000	-	-	-	-	-	-
GO Bonds - Future Referendum - FY2022	-	-	-	4,377,500	-	-	-
Grant Funds - Future Application	-	-	-	-	-	-	-
Total Funding Sources	$ 653,000	$ 24,500	$ -	$ 4,377,500	$ -	$ -	$ -

TOTAL PROJECT COST: $ 5,055,000

TOWN OF WAKE FOREST
CAPITAL IMPROVEMENTS PROGRAM
CIP UPDATE FY 2022 - 2027

DEPARTMENT	PROJECT MANAGER	DEPARTMENTAL PRIORITY
GTP	Dylan Bruchhaus	High

PROJECT TITLE
Greenway - Smith Creek Greenway - Phase 2

	TYPE OF PROJECT
	1 - Health/Safety/Welfare
	2 - Maintenance/Replacement
X	3 - Existing Programs Expansion
	4 - New Program

PROJECT DESCRIPTION
Engineering Design, ROW acquisition, and construction of approximately 1.1 miles of greenway trail and trailhead. This segment will provide a connection from Ligon Mill Road to Burlington Mills Road and ultimately to Raleigh's Neuse River Greenway via the Wake Forest Connector bridge. The 38 parking spaces trailhead on Ligon Mill Road is designed and constructed under this project and will align with NCDOT with B-5318 - Ligon Mill Road bridge replacement, underpass and realignment project. The project has two bridges and five boardwalk sections.

JUSTIFICATION
Implementation of the adopted Open Space & Greenways and Comprehensive Transportation Plans for the Town of Wake Forest. To connect residents to each other and to important destinations, providing for conservation of natural resources, recreation, and bicycle/pedestrian transportation opportunities while preserving greenspaces in Wake Forest. Safer bike/pedestrian facilities and crossings are needed along Burlington Mills and Ligon Mills Roads. Wake Forest will create major bike/pedestrian commuter connections along the Smith Creek corridor, thus linking the residential areas along Burlington Mills and Ligon Mill Rds, Heritage Elementary, Middle, and High schools, and Heritage Park via greenway. Staff pursued a Wake County Open Space Program grant during March/April 2014. Wake Forest has received grant funding for design and construction from the Wake Co. grant in support of the greenway project and a 2016 Clean Water Management Trust Fund (CWMTF) grant for additional funding of $513,581 to support ROW for phase 2 and phase 3.

PROJECT ALTERNATIVES
No alternative proposed.

OPERATING IMPACT/OTHER COMMENTS
Wake County Open Space Design (50/50), Clean Water Management Trust Fund ROW (52/48).

PROJECT STATUS Continuation - FY 2017

Funds Approved to Date $ 1,602,825

Funds Expended to Date $ 496,215

CAPITAL COST BREAKDOWN	Prior to July 2022	2022-23	2023-24	2024-25	2025-26	2026-27	Future Years
Planning & Engineering	$ 571,700	$ -	$ 26,000	$ 21,500	$ -	$ -	$ -
Purchase	472,500	-	-	-	-	-	-
Construction	-	-	-	3,697,000	-	-	-
Equipment	-	-	-	-	-	-	-
Contingency	88,100	-	11,000	1,009,000	-	-	-
Other - PAC 1%	9,800	-	-	-	-	-	-
Total Project Costs	$ 1,142,100	$ -	$ 37,000	$ 4,727,500	$ -	$ -	$ -

FUNDING SOURCE(S)	Prior to July 2022	2022-23	2023-24	2024-25	2025-26	2026-27	Future Years
General Fund	$ -	$ -	$ -	$ -	$ -	$ -	$ -
GO Bonds - 2014 Referendum	318,200	-	-	-	-	-	-
GO Bonds - Future Referendum FY 2022	-	-	37,000	4,727,500		-	-
Grants - Awarded - Wake County Open Space (50/50)	253,500	-	-	-	-	-	-
Grants - CWMTF - 2016 Grant Award (52%)	343,600	-	-	-	-	-	-
Kitchen Farms Donation Match (48%)	226,800	-	-	-	-	-	-
Grant Funds - Future Application	-	-	-	-	-	-	-
Total Funding Sources	$ 1,142,100	$ -	$ 37,000	$ 4,727,500	$ -	$ -	$ -

TOTAL PROJECT COST: $ 5,906,600

TOWN OF WAKE FOREST
CAPITAL IMPROVEMENTS PROGRAM
CIP UPDATE FY 2022 - 2027

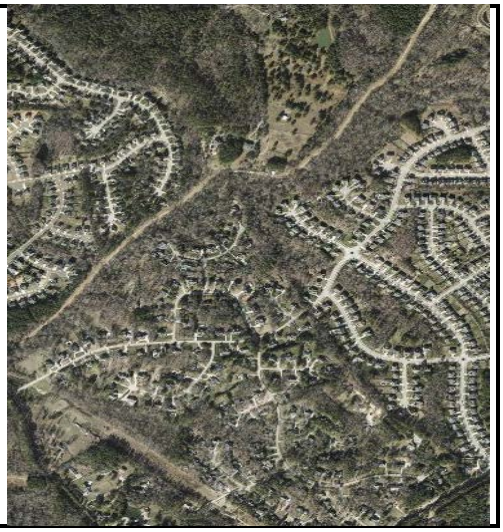
DEPARTMENT	PROJECT MANAGER	DEPARTMENTAL PRIORITY
GTP	Dylan Bruchhaus	High

PROJECT TITLE
Greenway - Smith Creek Greenway - Phase 3

	TYPE OF PROJECT
	1 - Health/Safety/Welfare
	2 - Maintenance/Replacement
X	3 - Existing Programs Expansion
	4 - New Program

PROJECT DESCRIPTION
Engineering Design, ROW acquisition, and construction of approximately 0.8 miles of greenway trail. This segment will extend the recently constructed Smith & Sanford Creek Greenways from south of Heritage High School to Ligon Mill Road. The project has two boardwalk sections.

JUSTIFICATION
Implementation of the adopted Town of Wake Forest Open Space & Greenway Plan and Comprehensive Transportation Plan. To connect residents with each other and to important destinations, providing for conservation of natural resources, recreation, and bicycle/pedestrian transportation opportunities while preserving greenspaces in Wake Forest. Safer bike/pedestrian facilities and crossings are needed along Burlington Mills and Ligon Mills Rds. Wake Forest will create major bike/pedestrian commuter connections along the Smith Creek corridor, thus linking the residential areas along Burlington Mills and Ligon Mill Rds, Heritage Elementary, Middle, and High schools, and Heritage Park via greenway. Wake Forest recieved a 2016 Clean Water Management Trust Fund (CWMTF) grant for additional funding of $513,581 to support ROW for phase 2 and phase 3.



PROJECT ALTERNATIVES
N/A

OPERATING IMPACT/OTHER COMMENTS
Clean Water Management Trust Fund ROW (52/48).

PROJECT STATUS Continutation - FY 2017

Funds Approved to Date $ 413,755

Funds Expended to Date $ 863,225

CAPITAL COST BREAKDOWN	Prior to July 2022	2022-23	2023-24	2024-25	2025-26	2026-27	Future Years
Planning & Engineering	$ 243,800	$ -	$ -	$ 21,500	$ -	$ -	$ -
Purchase	396,800	-	87,500	-	-	-	-
Construction	-	-	-	1,098,500	-	-	-
Equipment	-	-	-	40,800	-	-	-
Contingency	-	-	6,100	307,500	-	-	-
Other - PAC 1%	-	-	-	-	-	-	-
Total Project Costs	$ 640,600	$ -	$ 93,600	$ 1,468,300	$ -	$ -	$ -

FUNDING SOURCE(S)	Prior to July 2022	2022-23	2023-24	2024-25	2025-26	2026-27	Future Years
General Fund	$ -	$ -	$ -	$ -	$ -	$ -	$ -
GO Bonds - Current Referendum (2014)	243,800	-	-	-	-	-	-
GO Bonds - Future Referendum FY2022	-	-	93,600	1,468,300	981,200	-	-
Grants Awarded - CWMTF - 2016 Grant (52%)	170,000	-	-	-	-	-	-
Kichen Farms Land Donation Match (48%)	226,800	-	-	-	-	-	-
Grant Funds - Future Application	-	-	-	-	-	-	-
Total Funding Sources	$ 640,600	$ -	$ 93,600	$ 1,468,300	$ 981,200	$ -	$ -

TOTAL PROJECT COST: $ 3,183,700

TOWN OF WAKE FOREST
CAPITAL IMPROVEMENTS PROGRAM
CIP UPDATE FY 2022 - 2027

DEPARTMENT	PROJECT MANAGER	DEPARTMENTAL PRIORITY
GTP	Joe Guckavan	High

PROJECT TITLE
Rogers Road Grade Separation - Town of Wake Forest Betterments

	TYPE OF PROJECT
	1 -Health/Safety/Welfare
	2 - Maintenance/Replacement
X	3 - Existing Programs Expansion
	4 - New Program

PROJECT DESCRIPTION
Support and contribute as requested to NCDOT for TIP# P-5707 (Rogers Road Expansion and Bridge Construction). Project is estimated to start construction in July 2022. Construction of additional non-NCDOT improvements (betterments) such as sidewalk and street lighting to benefit the Town in connection to the project.

JUSTIFICATION
TIP P-5707 Rogers Road (SR 2052) Administered by NCDOT, the project will construct a bridge on Rogers Road (SR 2052) over the CSX S-line railroad in the same location as the existing at-grade crossing and widen Rogers Road. Current plans include an on-site detour during construction and no road closures will occur. The project includes widening Rogers Road to a 5-lane curb & gutter facility with sidewalks between Heritage Branch Road and Heritage Center Road. The total project costs are $23,100,00.00 with the Town's contribution at $660,000.00. The Town has also collected $85,928.88 in Fee-In-Lieu of improvements to Heritage Branch. Improvements to project P-5707 requested by the Town to include additional sidewalk, vinyl coated fence on top of the retaining walls, vinyl coated fence on the bridge, a turn lane for Grandmark Street. Installation of decorative stamped concrete tiles on the MSE walls for the new bridge, and conduit for street lighting across the bridge.

PROJECT ALTERNATIVES
Construct as NCDOT proposes.

OPERATING IMPACT/OTHER COMMENTS
N/A

PROJECT STATUS Continuation - FY 2020

Funds Approved to Date $ 128,000

Funds Expended to Date $ -

CAPITAL COST BREAKDOWN	Prior to July 2022	2022-23	2023-24	2024-25	2025-26	2026-27	Future Years
Planning & Engineering	-	$ -	$ -	$ -	$ -	$ -	$ -
Construction	-	-	330,000	330,000	-	-	-
Total Project Costs	$ -	$ -	$ 330,000	$ 330,000	$ -	$ -	$ -

FUNDING SOURCE(S)	Prior to July 2022	2022-23	2023-24	2024-25	2025-26	2026-27	Future Years
General Fund	$ -	$ -	$ -	$ -	$ -	$ -	$ -
GO Bonds - Future Referendum FY2022	-	-	202,000	202,000	-	-	-
Fee-In-Lieu Payment	-	-	128,000	128,000	-	-	-
Total Funding Sources	$ -	$ -	$ 330,000	$ 330,000	$ -	$ -	$ -

TOTAL PROJECT COST: $ 660,000

Capital Improvement Plan

ASSET MAINTENANCE SUMMARY - BY PROJECT

	PROJECT TITLE	PRIORITY TYPE	Prior to July 2022	2022-2023	2023-2024	2024-2025	2025-2026	2026-2027	Future Years	TOTALS
1	Transportation - Sidewalk Replacement	M - 2	$ 100,000	$ 100,000	$ 100,000	$ 100,000	$ 100,000	$ 100,000	$ -	$ 600,000
2	Street Preservation and Maintenance	M - 2	-	381,000	381,000	508,000	508,000	701,000	620,000	$ 3,099,000
3	Street Resurfacing	M - 2	-	142,000	635,000	1,920,000	1,275,000	1,275,000	6,382,000	11,629,000
4	Town Hall @ 301 S. Brooks Street	M - 2	200,000	321,000	118,000	118,000	235,500	214,000	416,000	1,622,500
5	Maintenance of Facilities (Outside of Town Hall)	M - 2	-	35,000	8,500	33,700	136,500	278,300	-	492,000
6	**Wake Forest Reservoir Improvements**	H - 2	448,000	539,600	2,857,500	654,000	3,500,000	53,000	1,640,300	9,692,400
7	Sports Field Playing Surface Repair	M - 2	-	15,000	101,500	-	-	-	-	116,500
8	E. Juniper Avenue & E. Pine Infrastructure Upgrades	L - 2	-	14,000	19,000	-	676,000	1,651,000	-	2,360,000
9	Greenway Infrastructure Improvements	M - 2	-	142,000	350,000	350,000	-	-	275,000	1,117,000
10	Joyner Park Farm Buildings Rehab	M - 2	-	52,500	52,500	-	-	-	-	105,000
11	Athletic Court Reconstruction	M - 2	-	-	188,000	-	709,000	1,998,500	372,000	3,267,500
12	Athletic Fields Fence Replacement	M - 2	-	-	200,000	150,000	-	-	200,000	550,000
13	Smith Creek Impaired Watershed Improvement	M - 2	-	-	182,000	-	-	-	-	182,000
14	Playground Surface Replacement	M - 2	-	-	-	265,500	265,500	117,500	-	648,500
15	Sanford Creek Greenway Boardwalk Replacement	M - 1	-	-	-	528,000	2,641,500	-	-	3,169,500
16	Flaherty Park Dam Repair	M - 1	131,300	-	-	-	79,200	978,500	-	1,189,000
17	Richland Creek Greenway Stream Repair and Repave	M - 2	116,900	-	-	-	-	95,500	225,000	437,400
	TOTALS		$ 996,200	$ 1,742,100	$ 5,193,000	$ 4,627,200	$ 10,126,200	$ 7,462,300	$ 10,130,300	$ 40,277,300

Priority definitions:	H	High
	M	Medium
	L	Low
Program type:	1	Health/Safety/Welfare
	2	Maintenance/Replacement
	3	Existing programs expansion
	4	New programs expansion

Note 1: *The November 2014 approved bond referendum included $4.6M of funds allocated for Greenway Improvements. Projects that have been completely funded are not reported in this update. The remaining projects include: 1) Wake Forest Reservoir Improvements*

TOWN OF WAKE FOREST

CAPITAL IMPROVEMENTS PROGRAM

CIP UPDATE FY 2022-2027

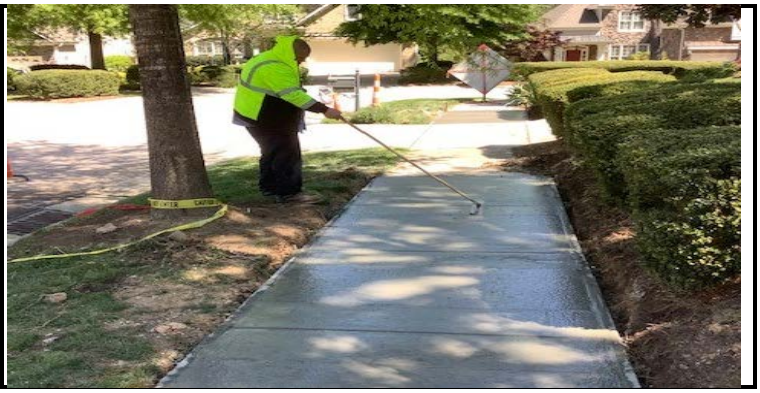
DEPARTMENT	PROJECT MANAGER	DEPARTMENTAL PRIORITY
Public Works- Streets	Tim Bailey	Medium

PROJECT TITLE	TYPE OF PROJECT	
Transportation - Sidewalk Replacement		1 -Health/Safety/Welfare
	X	2 - Maintenance/Replacement
		3 - Existing Programs Expansion
		4 - New Program

PROJECT DESCRIPTION
Continued construction of approved sidewalk plan to replace deteriorated, broken and/or uneven sidewalks which can create tripping hazards. To be done on an area by area basis.

JUSTIFICATION
Construction of sidewalks is consistent with town policy and is mandated by the zoning ordinance for new development. Repair and replace existing sidewalks.

PRIORITIES
2600-2800 Block Steeple Run, N. Allen from Wait Ave. to Juniper, S. main st. Elm to Holding Ave., Heritage subdivision



PROJECT ALTERNATIVES	OPERATING IMPACT/OTHER COMMENTS
1) Contract work at a higher cost. 2) Temporarily fix trip hazards.	*Reduces liability and improves overall aesthetics of the town.

PROJECT STATUS	Annual Project		
Funds Approved to Date	$ 100,000	*Funds Expended to Date*	$ -

CAPITAL COST BREAKDOWN	Prior to July 2022	2022-23	2023-24	2024-25	2025-26	2026-27	Future Years
Construction	100,000	100,000	100,000	100,000	100,000	100,000	-
Total Project Costs	$ 100,000	$ 100,000	$ 100,000	$ 100,000	$ 100,000	$ 100,000	$ -

FUNDING SOURCE(S)	Prior to July 2022	2022-23	2023-24	2024-25	2025-26	2026-27	Future Years
General Fund	$ 100,000	$ 100,000	$ 100,000	$ 100,000	$ 100,000	$ 100,000	$ -
	-	-	-	-	-	-	-
Total Funding Sources	$ 100,000	$ 100,000	$ 100,000	$ 100,000	$ 100,000	$ 100,000	$ -

TOTAL PROJECT COST: **$ 600,000**

TOWN OF WAKE FOREST
CAPITAL IMPROVEMENTS PROGRAM
CIP UPDATE FY 2022-2027

DEPARTMENT	PROJECT MANAGER	DEPARTMENTAL PRIORITY
Public Works	Tim Bailey	Medium

PROJECT TITLE
Street Preservation and Maintenance

	TYPE OF PROJECT
	1 -Health/Safety/Welfare
X	2 - Maintenance/Replacement
	3 - Existing Programs Expansion
	4 - New Program

PROJECT DESCRIPTION
Preservation and maintenance of asphalt to prolong the lifespan.

JUSTIFICATION
Following routine preservation and maintenance practices on asphalt pavements that show minor/moderate signs of distress will prolong the life of the asphalt and reduce the need for extensive rehabilitation later. Preservation and maintenance needs are determined by the 2020 pavement condition assessment. Maintenance may include crack sealing, surface patching, or asphalt surface treatment.

Subdivisions: Old Mill Stream, Cadell Woods, Crenshaw Hall, S. Franklin Street, Richland Hills

PROJECT ALTERNATIVES
1) Wait until asphalt shows signs of greater deterioration

OPERATING IMPACT/OTHER COMMENTS
*Potential for significant asphalt failure if not addressed early which will increase the need for full rehabilitation of apshalt *Increase in pothole repairs, roadway failures, and vehicle damage claims *Repairs sooner will lead to longer life, less maintenance and full rehabilitation savings.

PROJECT STATUS	Continuation - FY 2022		
Funds Approved to Date	$ -	*Funds Expended to Date*	$ -

CAPITAL COST BREAKDOWN	Prior to July 2022	2022-23	2023-24	2024-25	2025-26	2026-27	Future Years
Planning & Engineering	$ -	$ -	$ -	$ -	$ -	$ 50,000	$ -
Purchase	-	-	-	-	-	-	-
Construction	-	300,000	300,000	400,000	400,000	500,000	500,000
Equipment	-	-	-	-	-	-	-
Contingency	-	81,000	81,000	108,000	108,000	151,000	120,000
Other	-	-	-	-	-	-	-
Total Project Costs	$ -	$ 381,000	$ 381,000	$ 508,000	$ 508,000	$ 701,000	$ 620,000

FUNDING SOURCE(S)	Prior to July 2022	2022-23	2023-24	2024-25	2025-26	2026-27	Future Years
General Fund	$ -	$ 381,000	$ 381,000	$ 508,000	$ 508,000	$ 701,000	$ 620,000
Total Funding Sources	$ -	$ 381,000	$ 381,000	$ 508,000	$ 508,000	$ 701,000	$ 620,000

TOTAL PROJECT COST: $ 3,099,000

TOWN OF WAKE FOREST
CAPITAL IMPROVEMENTS PROGRAM
CIP UPDATE FY 2022-2027

DEPARTMENT	PROJECT MANAGER	DEPARTMENTAL PRIORITY
Public Works-Engineering	Joe Guckavan	Medium

PROJECT TITLE
Street Resurfacing

	TYPE OF PROJECT
	1 -Health/Safety/Welfare
X	2 - Maintenance/Replacement
	3 - Existing Programs Expansion
	4 - New Program

PROJECT DESCRIPTION
Pavement rehabilitation and resurfacing of Town maintained streets.

JUSTIFICATION
The Town is responsible for maintenance of 135 miles of town streets with annual resurfacing and rehabilitation needs. The town accepts approximately 5-10 miles of new streets annually. A pavement condition assessment was completed in 2020 which showed heavy maintenance and rehabilitation needs due to deferred maintenance. Street resurfacing is performed to address issues such as potholes, alligator cracking, rutting, and oxidation. The Town receives Powell Bill funding from NCDOT based on the amount of pubic streets maintained by the Town, but resurfacing and rehabilitaiton costs are expected to exceed those allocations. The Town will begin assessing asphalt conditions every 3-4 years to ensure resurfacing projects are selected appropraitely based on need.

PROJECT ALTERNATIVES
N/A

OPERATING IMPACT/OTHER COMMENTS
*Perform additional preventative maintenance in order to prolong the lifespan of pavements.

PROJECT STATUS Continuation - FY 2016

Funds Approved to Date $ -

Funds Expended to Date $ -

CAPITAL COST BREAKDOWN	Prior to July 2022	2022-23	2023-24	2024-25	2025-26	2026-27	Future Years
Planning & Engineering	$ -	$ 100,000	$ -	$ 10,000	$ 50,000	$ 50,000	$ 240,000
Construction	-	-	500,000	1,500,000	950,000	950,000	4,978,000
Contingency	-	42,000	135,000	410,000	275,000	275,000	1,164,000
Total Project Costs	$ -	$ 142,000	$ 635,000	$ 1,920,000	$ 1,275,000	$ 1,275,000	$ 6,382,000

FUNDING SOURCE(S)	Prior to July 2022	2022-23	2023-24	2024-25	2025-26	2026-27	Future Years
General Fund	$ -	$ -	$ -	$ -	$ -	$ -	$ 240,000
GO Bonds - Future Referendum 2022	-	142,000	635,000	1,920,000	-	-	-
GO Bonds - Future Referendum 2024	-	-	-	-	-	-	4,978,000
Powell Bill	-	-	-	-	1,275,000	1,275,000	1,164,000
Total Funding Sources	$ -	$ 142,000	$ 635,000	$ 1,920,000	$ 1,275,000	$ 1,275,000	$ 6,382,000

TOTAL PROJECT COST: $ 11,629,000

TOWN OF WAKE FOREST
CAPITAL IMPROVEMENTS PROGRAM
CIP UPDATE FY 2022-2027

DEPARTMENT	PROJECT MANAGER	DEPARTMENTAL PRIORITY
Public Facilities	Mickey Rochelle	Medium

PROJECT TITLE
Town Hall @ 301 S. Brooks Street- Maintenance

	TYPE OF PROJECT
	1 -Health/Safety/Welfare
X	2 - Maintenance/Replacement
	3 - Existing Programs Expansion
	4 - New Program

PROJECTDESCRIPTION

1. Replace Eaton Controls with Enlightened Lighting Controls: Two floors in FY 2022-23 and one floor in both FY2023-24 and FY 2024 -25
2. Repair leak above north exit and Taylor Street Entrance FY 2022-23
3.Replace Roofing Membrane FY 2029-30
4. AHU replacement FY 2025-26, Chiller Replacement FY 2026-27 and VAV Box Replacement FY 2030-31.

JUSTIFICATION

As Town Hall ages, needs arise for upkeep and maintenance of several areas such as lighting and carpet. The lighting controls are now obsolete and some parts can not be ordered for repairs. Parts are not made by Eaton or any other after-market company. Over the past several years the town has continued to evolve and grow, which has necessitated additional staff and office space. This provides funding for small reconfigurations as the need arises. The roofing was installed in 2009 and showing wear now.

PROJECT ALTERNATIVES

1) Continue with lighting being on with no way to turn them off. Possibility of losing light on an entire floor
2) Higher utility bills than necessary

OPERATING IMPACT/OTHER COMMENTS

1) Properly operating lights.
2) Current lighting system has control boards that are not made any longer by manufacturer.

PROJECT STATUS Continuation - FY 2017

Funds Approved to Date	$ 319,000	*Funds Expended to Date*	$ 114,970

CAPITAL COST BREAKDOWN	Prior to July 2022	2022-23	2023-24	2024-25	2025-26	2026-27	Future Years
Purchase	200,000	300,000	110,000	110,000	220,000	200,000	400,000
Contingency	-	21,000	8,000	8,000	15,500	14,000	16,000
Total Project Costs	$ 200,000	$ 321,000	$ 118,000	$ 118,000	$ 235,500	$ 214,000	$ 416,000

FUNDING SOURCE(S)	Prior to July 2022	2022-23	2023-24	2024-25	2025-26	2026-27	Future Years
General Fund	$ 200,000	$ 321,000	$ 118,000	$ 118,000	$ 235,500	$ 214,000	$ 416,000
Total Funding Sources	$ 200,000	$ 321,000	$ 118,000	$ 118,000	$ 235,500	$ 214,000	$ 416,000

TOTAL PROJECT COST: $ 1,622,500

TOWN OF WAKE FOREST
CAPITAL IMPROVEMENTS PROGRAM
CIP UPDATE FY 2022-2027

DEPARTMENT	PROJECT MANAGER	DEPARTMENTAL PRIORITY
Public Facilities	Mickey Rochelle	Medium

PROJECT TITLE
Maintenance of Facilities (Outside of Town Hall)

	TYPE OF PROJECT
	1 -Health/Safety/Welfare
x	2 - Maintenance/Replacement
	3 - Existing Programs Expansion
	4 - New Program

PROJECT DESCRIPTION
Projected upcoming maintenance needs

JUSTIFICATION
Expected equipment and roof replacements are included for this item. All facilities are included except Town Hall which is covered in it's own Capital Improvement Item. The replacements listed are based on life expectancy of each item. Each item listed can be evaluated in the respective year to determine if the item can be delayed or addressed as noted.

REPLACEMENT ITEMS/LOCATION
Carpet & Cove Base - Wake Forest Renaissance Centre - $25,000 (FY 22-23)
Oil Separator - Wash Bay - $10,000 (FY 22-23)
HVAC (2) - Old Mill Stream - $8,500 (FY 23-24)
HVAC (2) - Parks, Recreation & Cultural Resources - $23,500 (FY 24-25)
HVAC (1) - Warehouse - $10,200 (FY 24-25)
Basketball Backstops/Frames - Flaherty Community Center - $36,500 (FY 25-26)
Scoreboards - Flaherty Community Center - $25,000 (FY 25-25)
HVAC (5) - Flaherty Community Center- $70,000 (FY 25-26)
Ductless Split System - Public Works Operation Center- $5,000 (FY 25-26)
HVAC Split System & Heat Unit - Alston Massenburg Center - $65,300 (FY 26-27)
HVAC, Water Heaters, Storage Tank, Solar Panels and Hydraulic Heaters - Holden Community Center House - $215,000 (FY 26-27)

PROJECT ALTERNATIVES	OPERATING IMPACT/OTHER COMMENTS
Address items each year to determine if condition will require proceeding as noted.	Down time or damage to other equipment when not replaced due to failure .

PROJECT STATUS	New Project - FY 2023		
Funds Approved to Date	$ -	*Funds Expended to Date*	$ -

CAPITAL COST BREAKDOWN	Prior to July 2022	2022-23	2023-24	2024-25	2025-26	2026-27	Future Years
Purchase	$ -	$ 32,000	$ 8,000	$ 31,500	$ 127,500	$ 260,000	$ -
Contingency	-	3,000	500	2,200	9,000	18,300	-
Total Project Costs	$ -	$ 35,000	$ 8,500	$ 33,700	$ 136,500	$ 278,300	$ -

FUNDING SOURCE(S)	Prior to July 2022	2022-23	2023-24	2024-25	2025-26	2026-27	Future Years
General Fund	$ -	$ 35,000	$ 8,500	$ 33,700	$ 136,500	$ 278,300	$ -
Total Funding Sources	$ -	$ 35,000	$ 8,500	$ 33,700	$ 136,500	$ 278,300	$ -

TOTAL PROJECT COST: $ 492,000

TOWN OF WAKE FOREST
CAPITAL IMPROVEMENTS PROGRAM
CIP UPDATE FY 2022-2027

DEPARTMENT	PROJECT MANAGER	DEPARTMENTAL PRIORITY
Engineering	Carrie Mitchell	High

PROJECT TITLE
Wake Forest Reservoir Improvements

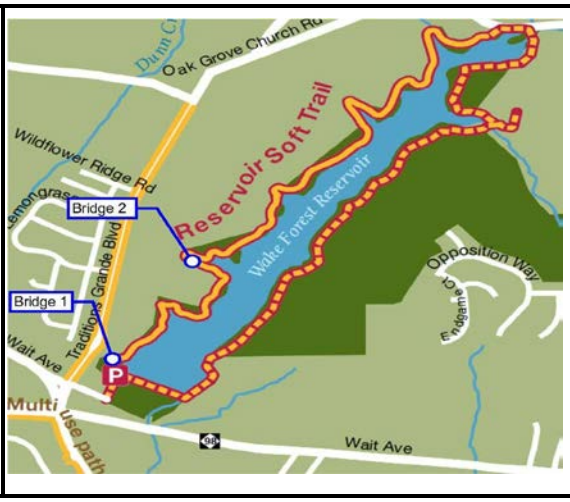
	TYPE OF PROJECT
	1 -Health/Safety/Welfare
X	2 - Maintenance/Replacement
	3 - Existing Programs Expansion
	4 - New Program

PROJECT DESCRIPTION

1. Decommission existing water plant in FY2021
2. Implement new safety measures to decrease dam hazard probability.
3. Parks will complete a master plan for the Wake Forest Reservoir property. The site improvements anticipate having paved parking, new boat ramp, dock, new bridge, continuation of soft trail on east side, two additional bridges, facilities, and concession amenities. Once the study is complete, cost will be updated to reflect selections.

JUSTIFICATION

The dam does not meet current NC Dam Safety requirements for a high hazard dam. The sludge lagoons and aboveground storage tanks need to removed from the GG Hill Water Treatment Plant. Staff is currently working to obtain community funding. The site is highly used for recreation of small electric and non-motor boats, fishing, hiking and mountain biking. This area is currently a gravel drive with plans in place for a paved area, trail connections, bridge and dock. This site will continue to grow as the area develops and will become a popular recreation location for citizens and visitors.



PROJECT ALTERNATIVES

Site Upgrades *	$ 1,800,000	FY23-24
Bridge Replacement only, Phase 3		
Parking, boat ramp, dock, Phase3	$ 165,000	FY 23-24
Annual Maintenance Dam	$ 350,000	FY 23-24
New Bridges 2 & 3- Phase 3	$ 937,500	FY 24-25
Restroom/concession field area - Phase 3	$ 312,500	FY 24-25

OPERATING IMPACT/OTHER COMMENTS

*Estimated time of upgrades FY 2022-23 for site upgrade design & construction, Phase 2/3 in future years.

PROJECT STATUS Continuation - FY 2015

Funds Approved to Date	$ 292,000	*Funds Expended to Date*	$ 294,387

CAPITAL COST BREAKDOWN	Prior to July 2022	2022-23	2023-24	2024-25	2025-26	2026-27	Future Years
Planning & Engineering	$ 430,000	$ 380,000	$ -	$ 515,000	$ 1,200,000	$ 40,000	$ 40,000
Purchase	18,000	-	-	-	-	-	-
Construction*	-	-	2,250,000	-	2,300,000	-	1,250,000
Equipment	-	-	-	-	-	-	-
Contingency	-	159,600	607,500	139,000	-	13,000	350,300
Total Project Costs	$ 448,000	$ 539,600	$ 2,857,500	$ 654,000	$ 3,500,000	$ 53,000	$ 1,640,300

FUNDING SOURCE(S)	Prior to July 2022	2022-23	2023-24	2024-25	2025-26	2026-27	Future Years
General Fund	$ -	$ -	-	-	$ 42,500	$ 53,000	$ 1,640,300
GO Bond - Current Referendum - Issued	292,000	-	-	-	-	-	-
GO Bond - Future Referendum FY 2022	-	380,000	2,000,000	515,000	1,259,500	-	-
Grants - PARTF - Future Application	-	-	-	-	500,000	-	-
Other - City of Raleigh - Cost Share 50/50	156,000	-	-	-	-	-	-
WINN Act Grant (future application)-65/35 *	-	-	-	-	1,698,000	-	-
Other- Community Funding	-	159,600	857,500	139,000	-	-	-
Total Funding Sources	$ 448,000	$ 539,600	$ 2,857,500	$ 654,000	$ 3,500,000	$ 53,000	$ 1,640,300

TOTAL PROJECT COST: **$ 9,692,400**

TOWN OF WAKE FOREST

CAPITAL IMPROVEMENTS PROGRAM

CIP UPDATE FY 2022-2027

DEPARTMENT	PROJECT MANAGER	DEPARTMENTAL PRIORITY
Parks, Recreation & Cultural Resources	Randy Hoyle/Ruben Wall	Medium

PROJECT TITLE
Sports Field Playing Surface Repair

	TYPE OF PROJECT
	1 -Health/Safety/Welfare
X	2 - Maintenance/Replacement
	3 - Existing Programs Expansion
	4 - New Program

PROJECT DESCRIPTION

Repair low areas in the outfield of Forrest Field.

JUSTIFICATION

Approximately 0.25 acres of the playing surface at Forrest Field remains constantly wet because of drainage issues. They have recently gotten worse because of the conditions of the slopes caused by the ramp that leads to Wake Forest Elementary School.

PROJECT ALTERNATIVES

N/A

OPERATING IMPACT/OTHER COMMENTS

This safety concern often leads to cancellations of towns practices/games.
-Puddles remain several days after a rain event.
-Bare areas in the turf have formed because they are constantly wet.

PROJECT STATUS Continuation - FY 2019

Funds Approved to Date $ -

Funds Expended to Date $ -

CAPITAL COST BREAKDOWN	Prior to July 2022	2022-23	2023-24	2024-25	2025-26	2026-27	Future Years
Planning & Engineering	$ -	$ 10,500	$ 4,500	$ -	$ -	$ -	$ -
Construction	-	-	75,000	-	-	-	-
Contingency	-	4,500	22,000	-	-	-	-
Total Project Costs	$ -	$ 15,000	$ 101,500	$ -	$ -	$ -	$ -

FUNDING SOURCE(S)	Prior to July 2022	2022-23	2023-24	2024-25	2025-26	2026-27	Future Years
General Fund	$ -	$ 15,000	$ 101,500	$ -	$ -	$ -	$ -
Total Funding Sources	$ -	$ 15,000	$ 101,500	$ -	$ -	$ -	$ -

TOTAL PROJECT COST: $ 116,500

TOWN OF WAKE FOREST
CAPITAL IMPROVEMENTS PROGRAM
CIP UPDATE FY 2022-2027

DEPARTMENT	PROJECT MANAGER	DEPARTMENTAL PRIORITY
Engineering	Joe Guckavan	Medium

PROJECT TITLE
E. Juniper Avenue Infrastructure Upgrades

	TYPE OF PROJECT
	1 -Health/Safety/Welfare
X	2 - Maintenance/Replacement
	3 - Existing Programs Expansion
	4 - New Program

PROJECT DESCRIPTION
Upgrade of the E. Juniper Ave infrastructure by adding curb and gutter along the entire corridor, addition of stormwater devices, and replacement/addition of sidewalk from S. White Street to Jubilee Court.

JUSTIFICATION
E. Juniper Ave is in need of maintenance and lacks adequate stormwater infrastructure. By adding curb and gutter, it increases the ability to capture stormwater effectively while widening the existing narrow roadway. Additionally, it increases the ability to install sidewalk in the existing narrow right-of-way. Residents have asked for pedestrian infrastructure. This project will increase the appearance of the entire corridor and provide continuous sidewalk from S. White Street to Traditions, grant access for users of the future Dunn Creek Greenway Connector and Ailey Young Park and Observation Deck. Additionally, we plan to install a rain garden to coincide with the community garden on N. Taylor.

PROJECT ALTERNATIVES
Project can be broken up into three phases to reduce costs; S. White Street to N. Taylor Street, N. Taylor Street to N. Allen Road, and N. Allen Road to Jubilee Court.

Apply for Wake County CDBG Neighborhood Revitalization Program Funding.

OPERATING IMPACT/OTHER COMMENTS
Apply for Wake County Neighborhood Revitalization Program Funding.

PROJECT STATUS Continuation - FY 2022

Funds Approved to Date $ -

Funds Expended to Date $ -

CAPITAL COST BREAKDOWN	Prior to July 2022	2022-23	2023-24	2024-25	2025-26	2026-27	Future Years
Planning & Engineering	$ -	$ 10,000	$ -	$ -	$ 350,000	$ -	$ -
Right-of-Way	-	-	-	-	200,000	-	-
Construction	-	-	15,000	-	-	1,300,000	-
Equipment	-	-	-	-	-	-	-
Contingency	-	4,000	4,000	-	126,000	351,000	-
Other- Public Art	-	-	-	-	-	-	-
Total Project Costs	$ -	$ 14,000	$ 19,000	$ -	$ 676,000	$ 1,651,000	$ -

FUNDING SOURCE(S)	Prior to July 2022	2022-23	2023-24	2024-25	2025-26	2026-27	Future Years
General Fund	$ -	$ 14,000	$ 19,000	$ -	$ 676,000	$ 1,451,000	$ -
Future Wake County CDBG Grant	-	-	-	-	-	200,000	-
Total Funding Sources	$ -	$ 14,000	$ 19,000	$ -	$ 676,000	$ 1,651,000	$ -

TOTAL PROJECT COST: $ 2,360,000

TOWN OF WAKE FOREST
CAPITAL IMPROVEMENTS PROGRAM
CIP UPDATE FY 2022-2027

DEPARTMENT	PROJECT MANAGER	DEPARTMENTAL PRIORITY
Engineering	Carrie Mitchell	Medium

PROJECT TITLE
Greenway Infrastructure Improvements

	TYPE OF PROJECT
	1 -Health/Safety/Welfare
X	2 - Maintenance/Replacement
	3 - Existing Programs Expansion
	4 - New Program

PROJECT DESCRIPTION
Pavement replacement of greenway path washouts both on pavement and along streambeds.

JUSTIFICATION
As storms continue to increase in intensity and frequency, greenway paths, bridges and streambeds continue to deteriorate. Currently Parks, Recreation and Cultural Resources only provides general maintenance to include mowing and cold patch repairs. Community Development implements LAPP projects and Public Works implements projects upon request. Implementing infrastructure repair on an on-going basis would enable our residents to see projects completed in a more timely fashion following the completion of existing projects.

PRIORITIES
Phase 1 - Dunn Creek Greenway - Ped. Crossing and Greenway drainage concerns.

PROJECT ALTERNATIVES
Continue submitting non-funded Greenway infrastructure issues as requested by other Departments.

OPERATING IMPACT/OTHER COMMENTS
N/A.

PROJECT STATUS Continuation - FY 2021

Funds Approved to Date $ -

Funds Expended to Date $ -

CAPITAL COST BREAKDOWN	Prior to July 2022	2022-23	2023-24	2024-25	2025-26	2026-27	Future Years
Planning & Engineering	$ -	$ 100,000	$ -	$ -	$ -	-	$ 50,000
Construction	-	-	275,000	275,000	-	-	170,000
Contingency	-	42,000	75,000	75,000	-	-	55,000
Total Project Costs	$ -	$ 142,000	$ 350,000	$ 350,000	$ -	$ -	$ 275,000

FUNDING SOURCE(S)	Prior to July 2022	2022-23	2023-24	2024-25	2025-26	2026-27	Future Years
General Fund	$ -	$ 142,000	$ 350,000	$ 350,000	$ -	-	$ 275,000
Total Funding Sources	$ -	$ 142,000	$ 350,000	$ 350,000	$ -	$ -	$ 275,000

TOTAL PROJECT COST: $ 1,117,000

TOWN OF WAKE FOREST

CAPITAL IMPROVEMENTS PROGRAM

CIP UPDATE FY 2022-2027

DEPARTMENT	PROJECT MANAGER	DEPARTMENTAL PRIORITY
Parks, Recreation & Cultural Resources	Randy Hoyle/Ruben Wall	Medium

PROJECT TITLE
Joyner Park Farm Buildings Rehab

	TYPE OF PROJECT
	1 -Health/Safety/Welfare
X	2 - Maintenance/Replacement
	3 - Existing Programs Expansion
	4 - New Program

PROJECT DESCRIPTION
Rehab Tobacco Barn and Chicken Coop.

JUSTIFICATION
Each display foundation issues, wood rot, and missing chinking.

Tobacco Barn - FY 22-23
Chicken Coop - FY 23-24

PROJECT ALTERNATIVES

N/A

OPERATING IMPACT/OTHER COMMENTS

The buildings are a main attraction and they are heavily used for photos. General maintenance and upkeep is vital.

PROJECT STATUS Continuation - FY 2022

Funds Approved to Date $ -

Funds Expended to Date $ -

CAPITAL COST BREAKDOWN	Prior to July 2022	2022-23	2023-24	2024-25	2025-26	2026-27	Future Years
Construction	$ -	$ 40,000	$ 40,000	$ -	$ -	$ -	$ -
Contingency	-	12,500	12,500	-	-	-	-
Total Project Costs	$ -	$ 52,500	$ 52,500	$ -	$ -	$ -	$ -

FUNDING SOURCE(S)	Prior to July 2022	2022-23	2023-24	2024-25	2025-26	2026-27	Future Years
General Fund	$ -	$ 52,500	$ 52,500	$ -	$ -	$ -	$ -
Total Funding Sources	$ -	$ 52,500	$ 52,500	$ -	$ -	$ -	$ -

TOTAL PROJECT COST: $ 105,000

TOWN OF WAKE FOREST

CAPITAL IMPROVEMENTS PROGRAM

CIP UPDATE FY 2022-2027

DEPARTMENT	PROJECT MANAGER	DEPARTMENTAL PRIORITY
Parks, Recreation & Cultural Resources	Randy Hoyle/Ruben Wall	Medium

PROJECT TITLE
Athletic Courts Reconstruction

	TYPE OF PROJECT
	1 -Health/Safety/Welfare
X	2 - Maintenance/Replacement
	3 - Existing Programs Expansion
	4 - New Program

PROJECT DESCRIPTION

Athletic Court Reconstruction

JUSTIFICATION

Re-surfacing courts should be on a 5-year cycle. Reconstruction should be on a 10-15year cycle. The courts in the first phase of this project are beyond the 15 years old.

Athletic Courts Construction:

Dubois Basketball Court (FY 23-24) - $188,000

Flaherty Tennis Courts 1-8 (FY 25-26) - $709,000

Heritage High Tennis & Basketball Courts (FY 26-27) - $1,998,500

Holding Park & Tyler Run Basketball (Future Years) - $372,000

PROJECT ALTERNATIVES

Should soils under courts for each phase found to be unstable, add $30,000 for cement stabilization.

OPERATING IMPACT/OTHER COMMENTS

General maintenance as needed. Reconstruction will provide a better quality of service and ensure the safety of participants.

PROJECT STATUS Continuation - FY 2020

Funds Approved to Date $ -

Funds Expended to Date $ -

CAPITAL COST BREAKDOWN	Prior to July 2022	2022-23	2023-24	2024-25	2025-26	2026-27	Future Years
Planning & Engineering	$ -	$ -	$ 24,200	$ -	$ 72,450	$ 142,500	$ -
Construction	-	-	71,000	-	483,000	1,425,500	300,000
Contingency	-	-	42,800	-	153,550	430,500	72,000
Other/Grant	-	-	50,000	-	-	-	-
Total Project Costs	$ -	$ -	$ 188,000	$ -	$ 709,000	$ 1,998,500	$ 372,000

FUNDING SOURCE(S)	Prior to July 2022	2022-23	2023-24	2024-25	2025-26	2026-27	Future Years
General Fund	$ -	$ -	$ 138,000	$ -	$ 709,000	$ 1,998,500	$ 372,000
Grants - T- Mobile	-	-	50,000	-	-	-	-
Total Funding Sources	$ -	$ -	$ 188,000	$ -	$ 709,000	$ 1,998,500	$ 372,000

TOTAL PROJECT COST: $ 3,267,500

TOWN OF WAKE FOREST
CAPITAL IMPROVEMENTS PROGRAM
CIP UPDATE FY 2022-2027

DEPARTMENT	PROJECT MANAGER	DEPARTMENTAL PRIORITY
Parks, Recreation & Cultural Resources	Edward Austin/Ruben Wall	Medium

PROJECT TITLE
Athletic Fields Fence Replacement

	TYPE OF PROJECT
	1 -Health/Safety/Welfare
X	2 - Maintenance/Replacement
	3 - Existing Programs Expansion
	4 - New Program

PROJECT DESCRIPTION
Replacement plan/program of fencing at athletic fields.

JUSTIFICATION
The current fencing is showing signs of wear, and repairs can be more time-consuming and costly that replacement. The goal of the department is to upgrade and replace fencing systematically before it becomes a safety hazard that cause fields to be unsafe/unplayable.
A) Heritage High baseball/softball fields - change to net/wall systems for backstops, replace outfield fabric as necessary; tennis court fabric replacement (under WCPSS Joint Use Agreement, fence maintenance, repair, replacement are the town's responsibility).

PROJECT ALTERNATIVES
Continue to use the existing fencing with ongoing repair costs and potential for injuries to users.

OPERATING IMPACT/OTHER COMMENTS
*Decrease in on-going maintenance.
*Replacing the fencing provides a safer facility which decreases the likelihood of injuries to participants.

PROJECT STATUS Continuation - FY 2017

Funds Approved to Date $ -

Funds Expended to Date $ -

CAPITAL COST BREAKDOWN	Prior to July 2022	2022-23	2023-24	2024-25	2025-26	2026-27	Future Years
Purchase	$ -	$ -	$ 200,000	$ 150,000	$ -	$ -	$ 200,000
Total Project Costs	$ -	$ -	$ 200,000	$ 150,000	$ -	$ -	$ 200,000

FUNDING SOURCE(S)	Prior to July 2022	2022-23	2023-24	2024-25	2025-26	2026-27	Future Years
General Fund	$ -	$ -	$ 200,000	$ 150,000	$ -	$ -	$ 200,000
Total Funding Sources	$ -	$ -	$ 200,000	$ 150,000	$ -	$ -	$ 200,000

TOTAL PROJECT COST: $ 550,000

TOWN OF WAKE FOREST
CAPITAL IMPROVEMENTS PROGRAM
CIP UPDATE FY 2021-2026

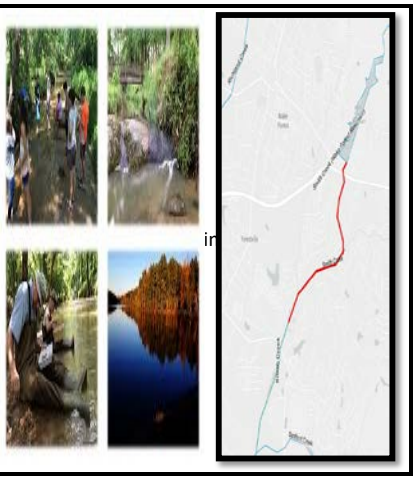
DEPARTMENT	PROJECT MANAGER	DEPARTMENTAL PRIORITY
Engineering	Carrie Mitchell	Medium

PROJECT TITLE
Smith Creek Impaired Watershed Improvement

	TYPE OF PROJECT
	1 -Health/Safety/Welfare
X	2 - Maintenance/Replacement
	3 - Existing Programs Expansion
	4 - New Program

PROJECT DESCRIPTION
Monitor and test Smith Creek Watershed to remove the watershed from the impaired waters list.

JUSTIFICATION
The Smith Creek Watershed Plan requires a significant update every 5 years. The overall goal of the plan is to remove it from the impaired waters list, so that Wake Forest will be not subject to TMDL monitoring. The original plan sucessfully reduced the length of Smith Creek on the impaired waters list, however 1 segment still remains. An update to the Smith Creek Watershed Plan would help the Town of Wake Forest navigate through the best options to fully remove Smith Creek from the impaired waters list. Updating the report may also qualify our remediation actions as an alternative program solution.



PROJECT ALTERNATIVES
Create CIP for TMDL testing and monitoring
Continue completing projects under the original Smith Creek Watershed Plan with the goal of removing Smith Creek from the impair waters list.

See results of the Stormwater Assessment and new 303d list

OPERATING IMPACT/OTHER COMMENTS
N/A.

PROJECT STATUS Continuation - FY 2021

Funds Approved to Date $ -

Funds Expended to Date $ -

CAPITAL COST BREAKDOWN	Prior to July 2022	2022-23	2023-24	2024-25	2025-26	2026-27	Future Years
Planning & Engineering	$ -	$ -	$ 128,000	$ -	$ -	$ -	$ -
Contingency	-	-	54,000	-	-	-	-
Total Project Costs	$ -	$ -	$ 182,000	$ -	$ -	$ -	$ -

FUNDING SOURCE(S)	Prior to July 2022	2022-23	2023-24	2024-25	2025-26	2026-27	Future Years
General Fund	$ -	$ -	$ 117,000	$ -	$ -	$ -	$ -
Grants - Future Application - EEG-ClearWater Grant	-	-	65,000	-	-	-	-
Total Funding Sources	$ -	$ -	$ 182,000	$ -	$ -	$ -	$ -

TOTAL PROJECT COST: $ 182,000

TOWN OF WAKE FOREST

CAPITAL IMPROVEMENTS PROGRAM

CIP UPDATE FY 2022-2027

DEPARTMENT	PROJECT MANAGER	DEPARTMENTAL PRIORITY
Parks, Recreation & Cultural Resources	Randy Hoyle/Ruben Wall	Medium

PROJECT TITLE	TYPE OF PROJECT	
Playground Surface Replacement		1 -Health/Safety/Welfare
	X	2 - Maintenance/Replacement
		3 - Existing Programs Expansion
		4 - New Program

PROJECT DESCRIPTION

Replace engineered wood fiber playground surface with pour-in-place surface for accessibility and ease of maintenance.

JUSTIFICATION

This is another step to making our parks ADA accessible this will also decrease maintenance needs and cost. Also adding a couple of ADA accessible features, as the existing ones are not.
Smith Creek Soccer Center/Taylor Street park (2023-24) - $265,500
Flaherty Park/Tyler Run Park (2024-25) - $58,500
Kiwanis Park (2025-26) - $117,500

PROJECT ALTERNATIVES

Leave playground surfacing as is and continue to provide regular maintenance and purchase wood fibers.

OPERATING IMPACT/OTHER COMMENTS

This will provide a more accessible and safer playing surface for kids. It also requires less maintenance than replacing mulch.

PROJECT STATUS	Continuation - FY 2020		
Funds Approved to Date	$ -	*Funds Expended to Date*	$ -

CAPITAL COST BREAKDOWN	Prior to July 2022	2022-23	2023-24	2024-25	2025-26	2026-27	Future Years
Planning & Engineering	$ -	$ -	$ -	$ 27,000	$ 27,000	$ 12,000	$ -
Construction	-	-	-	180,000	180,000	80,000	-
Contingency	-	-	-	58,500	58,500	25,500	-
Total Project Costs	$ -	$ -	$ -	$ 265,500	$ 265,500	$ 117,500	$ -

FUNDING SOURCE(S)	Prior to July 2022	2022-23	2023-24	2024-25	2025-26	2026-27	Future Years
General Fund	$ -	$ -	$ -	$ 265,500	$ 265,500	$ 117,500	$ -
Total Funding Sources	$ -	$ -	$ -	$ 265,500	$ 265,500	$ 117,500	$ -

TOTAL PROJECT COST: $ 648,500

TOWN OF WAKE FOREST
CAPITAL IMPROVEMENTS PROGRAM
CIP UPDATE FY 2022-2027

DEPARTMENT	PROJECT MANAGER	DEPARTMENTAL PRIORITY
Engineering	Carrie Mitchell	Medium

PROJECT TITLE
Sanford Creek Greenway Boardwalk Replacement

	TYPE OF PROJECT
X	1 -Health/Safety/Welfare
	2 - Maintenance/Replacement
	3 - Existing Programs Expansion
	4 - New Program

PROJECT DESCRIPTION
Maintenance of existing boardwalk per the structural inventory assessment recommendations conducted in 2014. Recommend full replacement with a perimetral type system and full redesign based on flooding and structural condition of existing system.

JUSTIFICATION
The boardwalks were installed in 2007 and are at the end of wood life expectancy. Recommend full replacement as opposed to minor repairs due to intricate reconstruction annually and time greenway trail is closed. Future boardwalk should be replaced with a Permatrak concrete deck as opposed to wood due to location. Stream banks continue to erode at an increasing fast level.

PROJECT ALTERNATIVES

1) Wait on projects until funds are available
2) Conduct minor repairs until 2025 = cost of a full replacement

   Full replacement with Permatrak $ 4,625,000
   Look at other materials for full replacement
3) Close greenway

OPERATING IMPACT/OTHER COMMENTS

Conduct minor repairs until 2025 = portion of cost of a full replacement.
*Wood life expectancy is 10-25 years
Strategic Plan Goal 2, objective A- update and implement plans already in place

PROJECT STATUS Continuation - FY 2017

Funds Approved to Date $ -

Funds Expended to Date $ -

CAPITAL COST BREAKDOWN	Prior to July 2022	2022-23	2023-24	2024-25	2025-26	2026-27	Future Years
Planning & Engineering	$ -	$ -	$ -	$ 400,000	$ -	$ -	$ -
Purchase	-	-	-	-	-	-	-
Construction	-	-	-	-	2,080,000	-	-
Equipment	-	-	-	-	-	-	-
Contingency	-	-	-	128,000	561,500	-	-
Total Project Costs	$ -	$ -	$ -	$ 528,000	$ 2,641,500	$ -	$ -

FUNDING SOURCE(S)	Prior to July 2022	2022-23	2023-24	2024-25	2025-26	2026-27	Future Years
General Fund	$ -	$ -	$ -	$ 528,000	$ 741,500	$ -	$ -
GO Bonds - Future Referendum FY 2024	-	-	-	-	1,400,000	-	-
PARTF (future application)	-	-	-	-	500,000	-	-
Total Funding Sources	$ -	$ -	$ -	$ 528,000	$ 2,641,500	$ -	$ -

TOTAL PROJECT COST: $ 3,169,500

TOWN OF WAKE FOREST
CAPITAL IMPROVEMENTS PROGRAM
CIP UPDATE FY 2021-2026

DEPARTMENT	PROJECT MANAGER	DEPARTMENTAL PRIORITY
Engineering	Carrie Mitchell	Medium

PROJECT TITLE
Flaherty Park Dam Repair (Upper & Lower Ponds)

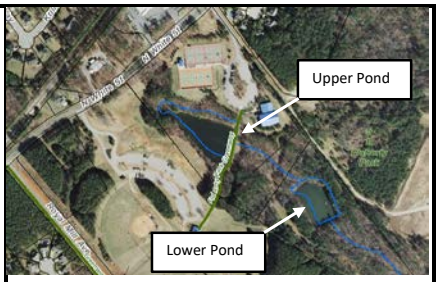
	TYPE OF PROJECT
X	1 -Health/Safety/Welfare
	2 - Maintenance/Replacement
	3 - Existing Programs Expansion
	4 - New Program

PROJECT DESCRIPTION

Rehabilitate upper dam with proper emergency spillway, reslope fill to 3:1, repave greenway trail with spillway crossing. Future Flaherty Park Masterplan for additional park amenities, Dunn Creek Greenway trail connection and lower pond dam repairs.

JUSTIFICATION

As identified in the Structural and Dam Inventory in 2014 preformed by Kimley-Horn and a Full Inspection and Evaluation by Freese and Nichols in 2017, Flaherty Park Dam- Upper Pond and Lower Pond dams are in need of minor repair due to tree growth and erosion on the downstream side of the existing spillway slopes. The Upper Pond Dam evaluation identified wet areas with aquatic plants just south-east of the fill slope indicating a minor seepage or leak. If left unchecked, the Upper Pond Dam slope could become unstable creating a dam failure, potential loss of the pond/recreational fishing area, failure of the greenway connection, and increased risk for citizen safety. The Upper Pond Dam reconstruction and repair would take approximately 6-8 months to complete. The project would remove trees from the dam, install a sand filter drain to alleviate soil pressure, flatten the downstream dam slope to a 4H:1V making it much safer, widen the greenway trail connection to ten feet wide and eliminate the need for a fence. The existing 18" concrete pipe located in the Upper Pond's southern corner would also be replaced with a 2' x 3' box culvert which would decrease the risk of debris blockage and overtopping. The construction is expected to take 6-8 months to complete.



PROJECT ALTERNATIVES

Upper dam construction w/10% cont.	$ 413,500	Future
Lower pond repair	$ 300,000	Future
Additional park amenities	$ 100,000	Future

OPERATING IMPACT/OTHER COMMENTS

A) Potential liability issue if not addressed.
B) If we do not proceed, greenway could be closed and the pond could potentially fail.

PROJECT STATUS Continuation - FY 2016

Funds Approved to Date $ 131,300

Funds Expended to Date $ 118,267

CAPITAL COST BREAKDOWN	Prior to July 2022	2022-23	2023-24	2024-25	2025-26	2026-27	Future Years
Planning & Engineering	$ 131,300	$ -	$ -	$ -	$ 60,000	$ 15,000	$ -
Construction	-	-	-	-	-	755,000	-
Contingency	-	-	-	-	-	208,500	
Total Project Costs	$ 131,300	$ -	$ -	$ -	$ 60,000	$ 978,500	$ -

FUNDING SOURCE(S)	Prior to July 2022	2022-23	2023-24	2024-25	2025-26	2026-27	Future Years
General Fund	$ 131,300	$ -	$ -	$ -	$ 51,700	$ 73,000	$ -
GO Bond - Future Referendum FY 2024	-	-	-	-	27,500	895,500	-
Grants - PARTF (future application)	-	-	-	-	-	10,000	-
Total Funding Sources	$ 131,300	$ -	$ -	$ -	$ 79,200	$ 978,500	$ -

TOTAL PROJECT COST: $ 1,189,000

TOWN OF WAKE FOREST
CAPITAL IMPROVEMENTS PROGRAM
CIP UPDATE FY 2022-2027

DEPARTMENT	PROJECT MANAGER	DEPARTMENTAL PRIORITY
Engineering	Carrie Mitchell	Medium

PROJECT TITLE
Richland Creek Greenway Repavement

	TYPE OF PROJECT
	1 -Health/Safety/Welfare
X	2 - Maintenance/Replacement
	3 - Existing Programs Expansion
	4 - New Program

PROJECT DESCRIPTION
Identify and repair existing Richland Creek Greenway due to stream bank erosion, tree fall and age.

JUSTIFICATION
Flooding, erosion and wet soil conditions have lead to the degradation of the greenway trail. Remove tree root trip hazards, cracking pavement and overlay with 2" new asphalt surface.

PROJECT ALTERNATIVES

Repave	$ 75,000	Future
Watershed study	$ 193,500	Future

OPERATING IMPACT/OTHER COMMENTS
N/A

PROJECT STATUS Continuation - FY 2017

Funds Approved to Date $ 161,900

Funds Expended to Date $ 110,000

CAPITAL COST BREAKDOWN	Prior to July 2022	2022-23	2023-24	2024-25	2025-26	2026-27	Future Years
Planning & Engineering	$ 30,000	$ -	$ -	$ -	$ -	$ -	$ 193,500
Construction	86,900	$ -	-	-	-	75,000	
Equipment	-	-	-	-	-	-	-
Contingency	-	-	-	-	-	20,500	-
Other	-	-	-	-	-	-	-
Total Project Costs	$ 116,900	$ -	$ -	$ -	$ -	$ 95,500	$ 193,500

FUNDING SOURCE(S)	Prior to July 2022	2022-23	2023-24	2024-25	2025-26	2026-27	Future Years
General Fund	$ 100,000	$ -	$ -	$ -	$ -	$ 95,500	$ 75,000
Grants - Awarded (FEMA)	16,900	-	-	-	-	-	-
Grants - Future Application	-	-	-	-	-	-	150,000
Total Funding Sources	$ 116,900	$ -	$ -	$ -	$ -	$ 95,500	$ 225,000

TOTAL PROJECT COST: $ 437,400

Capital Improvement Plan

ELECTRIC SUMMARY - BY PROJECT

	PROJECT TITLE	PRIORITY TYPE	PRIOR TO JULY 2022	2022-2023	2023-2024	2024-2025	2025-2026	2026-2027	FUTURE YEARS	TOTALS
1	Electric Building Location - 5301 Unicon Dr.	M - 3	$ 450,000	$ 500,000	$ -	$ -	$ -	$ -	$ -	$ 950,000
2	Line Construction/System Improvements	M - 2	700,000	1,000,000	1,100,000	1,100,000	1,200,000	1,200,000	-	6,300,000
3	LED Conversion	H - 2	125,000	125,000	125,000	125,000	125,000	-	-	625,000
4	New Pick-Up - Addition	M - 3	-	70,000	-	-	-	-	-	70,000
5	Downtown Underground Conversion	M - 2	-	350,000	-	-	254,000	-	-	604,000
6	Hwy 98 Substation Wildlife Protection	M - 3	-	-	35,000	-	-	-	-	35,000
7	Back Property Digger Derrick - Addition	M - 3	-	-	195,000	-	-	-	-	195,000
8	Meter Testing Room	M - 3	-	-	-	32,000	-	-	-	32,000
9	UD-50 Underground Wire Puller	M - 3	-	-	-	-	115,000	-	-	115,000
10	Bucket Truck	M - 3	-	-	-	-	-	250,000	-	250,000
	TOTALS		$ 1,275,000	$ 2,045,000	$ 1,455,000	$ 1,257,000	$ 1,694,000	$ 1,450,000	$ -	$ 9,176,000

Priority definitions:

H	High
M	Medium
L	Low

Program type:

1	Health/Safety/Welfare
2	Maintenance/Replacement
3	Existing programs expansion
4	New programs expansion

TOWN OF WAKE FOREST
CAPITAL IMPROVEMENTS PROGRAM
CIP UPDATE FY 2022-2027

DEPARTMENT	PROJECT MANAGER	DEPARTMENTAL PRIORITY
Public Facilities	Mickey Rochelle	Medium

PROJECT TITLE	TYPE OF PROJECT	
Electric Building Location - 5301 Unicon Dr.		1 -Health/Safety/Welfare
		2 - Maintenance/Replacement
	X	3 - Existing Programs Expansion
		4 - New Program

PROJECT DESCRIPTION
Electric Division Building including building remodel and construction retrofitting.

JUSTIFICATION
Upon purchasing an existing warehouse, the town has acquired spacing for Public Works and Electric to operate out of two buildings. The project will include construction documents, construction, technology, furniture and contingency funds to improve the operational use of this building.

PROJECT ALTERNATIVES	OPERATING IMPACT/OTHER COMMENTS
N/A	Additional utilities and maintenance to include security and cleaning include approximately $90,000 annually. Cost would vary depending on usage of buildings.

PROJECT STATUS	Continuation - FY 2022		
Funds Approved to Date	$ 850,000	*Funds Expended to Date*	$ -

CAPITAL COST BREAKDOWN	Prior to July 2022	2022-23	2023-24	2024-25	2025-26	2026-27	Future Years
Planning & Engineering	$ 50,000	$ -	$ -	$ -	$ -	$ -	$ -
Construction	400,000	500,000	-	-	-	-	-
Total Project Costs	$ 450,000	$ 500,000	$ -	$ -	$ -	$ -	$ -

FUNDING SOURCE(S)	Prior to July 2022	2022-23	2023-24	2024-25	2025-26	2026-27	Future Years
Electric User Fees/Other Revenues	$ 450,000	$ 500,000	$ -	$ -	$ -	$ -	$ -
Total Funding Sources	$ 450,000	$ 500,000	$ -	$ -	$ -	$ -	$ -

TOTAL PROJECT COST: $ 950,000

TOWN OF WAKE FOREST
CAPITAL IMPROVEMENTS PROGRAM
CIP UPDATE FY 2022-2027

DEPARTMENT	PROJECT MANAGER	DEPARTMENTAL PRIORITY
Electric	Chris Terrell	Medium

PROJECT TITLE
Line Construction/System Improvements

	TYPE OF PROJECT
	1 -Health/Safety/Welfare
X	2 - Maintenance/Replacement
	3 - Existing Programs Expansion
	4 - New Program

PROJECT DESCRIPTION
Provide funds to extend and upgrade the Electrical Distribution System.

JUSTIFICATION
Current economic conditions have begun to show improvement in new multi-family residential and commercial loads that require service which our distribution system will need to be prepared for. Upgrades on existing distribution system in the older sections of the system need attention and extension of service to new development will still be required. The amount budgeted varies from year to year and is adjusted accordingly during the annual budget process contingent upon what projects (commercial or residential) are projected for the upcoming year.

PROJECT ALTERNATIVES
Perform less replacement and more maintenance with the aniticpation that the maintenance will work for extended periods.

OPERATING IMPACT/OTHER COMMENTS
Unknown commercial or residential projects may affect requested amounts.

PROJECT STATUS	Annual Project
Funds Approved to Date	$ 700,000
Funds Expended to Date	$ 179,655

CAPITAL COST BREAKDOWN	Prior to July 2022	2022-23	2023-24	2024-25	2025-26	2026-27	Future Years
Planning & Engineering	$ 100,000	$ 100,000	$ 100,000	$ 100,000	$ 100,000	$ 100,000	$ -
Construction	600,000	900,000	1,000,000	1,000,000	1,100,000	1,100,000	-
Total Project Costs	$ 700,000	$ 1,000,000	$ 1,100,000	$ 1,100,000	$ 1,200,000	$ 1,200,000	$ -

FUNDING SOURCE(S)	Prior to July 2022	2022-23	2023-24	2024-25	2025-26	2026-27	Future Years
Electric User Fees/Other Revenues	$ 700,000	$ 1,000,000	$ 1,100,000	$ 1,100,000	$ 1,200,000	$ 1,200,000	$ -
Total Funding Sources	$ 700,000	$ 1,000,000	$ 1,100,000	$ 1,100,000	$ 1,200,000	$ 1,200,000	$ -

TOTAL PROJECT COST: $ 6,300,000

TOWN OF WAKE FOREST
CAPITAL IMPROVEMENTS PROGRAM
CIP UPDATE FY 2022-2027

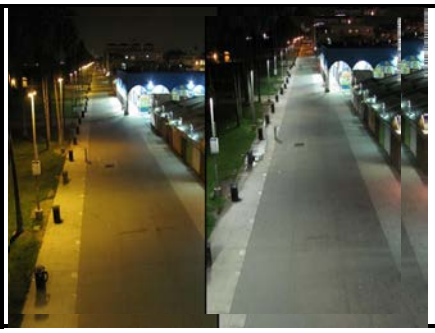
DEPARTMENT	PROJECT MANAGER	DEPARTMENTAL PRIORITY
Electric	Chris Terrell	High

PROJECT TITLE
LED Conversion

	TYPE OF PROJECT
	1 -Health/Safety/Welfare
X	2 - Maintenance/Replacement
	3 - Existing Programs Expansion
	4 - New Program

PROJECT DESCRIPTION
Convert the Town's street lights from high pressure sodium to energy efficient LED

JUSTIFICATION
LED's are 40 - 60% more energy efficient than traditional bulbs saving on energy costs. The LED's last longer which saves money in manpower. The Town has also committed to having all street lights changed to LED by 2025.



PROJECT ALTERNATIVES
Continue purchasing HPS bulbs and fixtures

OPERATING IMPACT/OTHER COMMENTS
Most vendors are going away from HPS lights so the town will eventually be forced to move to LEDs

PROJECT STATUS	Continuation - FY 2022		
Funds Approved to Date	$ 125,000	*Funds Expended to Date*	$ 10,498

CAPITAL COST BREAKDOWN	Prior to July 2022	2022-23	2023-24	2024-25	2025-26	2026-27	Future Years
Purchase	$ 125,000	$ 125,000	$ 125,000	$ 125,000	$ 125,000	$ -	$ -
Total Project Costs	$ 125,000	$ 125,000	$ 125,000	$ 125,000	$ 125,000	$ -	$ -

FUNDING SOURCE(S)	Prior to July 2022	2022-23	2023-24	2024-25	2025-26	2026-27	Future Years
Electric User Fees & Other Revenues	$ 125,000	$ 125,000	$ 125,000	$ 125,000	$ 125,000	$ -	$ -
Total Funding Sources	$ 125,000	$ 125,000	$ 125,000	$ 125,000	$ 125,000	$ -	$ -

TOTAL PROJECT COST: $ 625,000

TOWN OF WAKE FOREST
CAPITAL IMPROVEMENTS PROGRAM
CIP UPDATE FY 2022-2027

DEPARTMENT	PROJECT MANAGER	DEPARTMENTAL PRIORITY
Electric	Chris Terrell	Medium

PROJECT TITLE
Pick-Up Truck - Additional Vehicle

	TYPE OF PROJECT
	1 -Health/Safety/Welfare
	2 - Maintenance/Replacement
X	3 - Existing Programs Expansion
	4 - New Program

PROJECT DESCRIPTION
PIck-Up Truck- Additional Vehicle

JUSTIFICATION
With future growth of the town expected, both residentially and commercially, new employees will be needed to meet the work load. Any new crews to the town will need a work vehicle.

PROJECT ALTERNATIVES
Keep the number of crews the same no truck will be needed.

OPERATING IMPACT/OTHER COMMENTS
With the number of new developments, this will allow the Town to be able to meet construction deadlines and still provide reliable service to existing customers. Unknown projects may effect the priority for this vehicle.

PROJECT STATUS Continuation - FY 2022

Funds Approved to Date $ -

Funds Expended to Date $ -

CAPITAL COST BREAKDOWN	Prior to July 2022	2022-23	2023-24	2024-25	2025-26	2026-27	Future Years
Purchase	$ -	$ 70,000	$ -	$ -	$ -	$ -	$ -
Total Project Costs	$ -	$ 70,000	$ -	$ -	$ -	$ -	$ -

FUNDING SOURCE(S)	Prior to July 2022	2022-23	2023-24	2024-25	2025-26	2026-27	Future Years
Installment Purchase	$ -	$ 70,000	$ -	$ -	$ -	$ -	$ -
Total Funding Sources	$ -	$ 70,000	$ -	$ -	$ -	$ -	$ -

TOTAL PROJECT COST: $ 70,000

TOWN OF WAKE FOREST
CAPITAL IMPROVEMENTS PROGRAM
CIP UPDATE FY 2022-2027

DEPARTMENT	PROJECT MANAGER	DEPARTMENTAL PRIORITY
Electric	Chris Terrell	Medium

PROJECT TITLE
Downtown Overhead to Underground Conversion

	TYPE OF PROJECT
	1 -Health/Safety/Welfare
X	2 - Maintenance/Replacement
	3 - Existing Programs Expansion
	4 - New Program

PROJECT DESCRIPTION
Convert Overhead Lines to Underground

JUSTIFICATION
Keeping with the aesthetics of the downtown area, Wake Forest Power should continue to convert the overhead power lines to underground. The underground lines would look better and help with outages caused by wind, trees or animals that could overhead lines.

PROJECT ALTERNATIVES

Keep overhead lines.

OPERATING IMPACT/OTHER COMMENTS

N/A

PROJECT STATUS Continuation - FY 2022

Funds Approved to Date $ -

Funds Expended to Date $ -

CAPITAL COST BREAKDOWN	Prior to July 2022	2022-23	2023-24	2024-25	2025-26	2026-27	Future Years
Construction	$ -	$ 280,000	$ -	$ -	$ 200,000		$ -
Contingency	-	70,000	-	-	54,000	-	-
Other	-	-	-	-	-	-	-
Total Project Costs	$ -	$ 350,000	$ -	$ -	$ 254,000	$ -	$ -

FUNDING SOURCE(S)	Prior to July 2022	2022-23	2023-24	2024-25	2025-26	2026-27	Future Years
Electric User Fees/Other Revenues	$ -	$ 250,000	$ -	$ -	$ 254,000		$ -
Other - Development Fees	-	100,000	-	-	-	-	-
Total Funding Sources	$ -	$ 350,000	$ -	$ -	$ 254,000	$ -	$ -

TOTAL PROJECT COST: $ 604,000

TOWN OF WAKE FOREST
CAPITAL IMPROVEMENTS PROGRAM
CIP UPDATE FY 2022-2027

DEPARTMENT	PROJECT MANAGER	DEPARTMENTAL PRIORITY
Electric	Chris Terrell	Medium

PROJECT TITLE
HWY 98 Substation Wildlife Protection

	TYPE OF PROJECT
	1 -Health/Safety/Welfare
	2 - Maintenance/Replacement
X	3 - Existing Programs Expansion
	4 - New Program

PROJECT DESCRIPTION
Provide funds to install guards for Substation Wildlife Protection.

JUSTIFICATION
With guards in place, the town can reduce the chances of having an animal cause a system-wide outage on the Hwy 98 substation and/or damage our equipment.

PROJECT ALTERNATIVES
Leave the substation unprotected from wildlife which could cause a system-wide outage.

OPERATING IMPACT/OTHER COMMENTS
The town had a bird cause an outage at the substation in June of 2018 affecting approximately 700 customers.

PROJECT STATUS Continuation - FY 2021

Funds Approved to Date $ -

Funds Expended to Date $ -

CAPITAL COST BREAKDOWN	Prior to July 2022	2022-23	2023-24	2024-25	2025-26	2026-27	Future Years
Purchase	$ -	$ -	$ 35,000	$ -	$ -	$ -	$ -
Total Project Costs	$ -	$ -	$ 35,000	$ -	$ -	$ -	$ -

FUNDING SOURCE(S)	Prior to July 2022	2022-23	2023-24	2024-25	2025-26	2026-27	Future Years
Electric User Fees & Other Revenues	$ -	$ -	$ 35,000	$ -	$ -	$ -	$ -
Total Funding Sources	$ -	$ -	$ 35,000	$ -	$ -	$ -	$ -

TOTAL PROJECT COST: $ 35,000

TOWN OF WAKE FOREST
CAPITAL IMPROVEMENTS PROGRAM
CIP UPDATE FY 2022-2027

DEPARTMENT	PROJECT MANAGER	DEPARTMENTAL PRIORITY
Electric	Chris Terrell	Medium

PROJECT TITLE
Back Property Digger Derrick - Additional Equipment

	TYPE OF PROJECT
	1 -Health/Safety/Welfare
	2 - Maintenance/Replacement
X	3 - Existing Programs Expansion
	4 - New Program

PROJECT DESCRIPTION
New Back Property Digger Derrick

JUSTIFICATION
This machine allows for easy, safe access into back property easements, where our large trucks can not go. It is compact and on tracks allowing for maintenance and repair with minimal impact on residents yards and faster restoration time after storms.

PROJECT ALTERNATIVES
Assign several crews when easement work is to be done or if possible drive large trucks through resident's yards.

OPERATING IMPACT/OTHER COMMENTS
This machine does the work that would take 10 men to accomplish by being able to set poles and transformers, it also eliminates climbing. It gives the Town an added dimension when responding to storm repair here and at other Utilities given that back property equipment is always in high demand.

PROJECT STATUS Continuation - FY 2019

Funds Approved to Date $ -

Funds Expended to Date $ -

CAPITAL COST BREAKDOWN	Prior to July 2022	2022-23	2023-24	2024-25	2025-26	2026-27	Future Years
Purchase	$ -	$ -	$ 195,000	$ -	$ -	$ -	$ -
Total Project Costs	$ -	$ -	$ 195,000	$ -	$ -	$ -	$ -

FUNDING SOURCE(S)	Prior to July 2022	2022-23	2023-24	2024-25	2025-26	2026-27	Future Years
Installment Purchase	$ -	$ -	$ 195,000	$ -	$ -	$ -	$ -
Total Funding Sources	$ -	$ -	$ 195,000	$ -	$ -	$ -	$ -

TOTAL PROJECT COST: $ 195,000

TOWN OF WAKE FOREST
CAPITAL IMPROVEMENTS PROGRAM
CIP UPDATE FY 2022-2027

DEPARTMENT	PROJECT MANAGER	DEPARTMENTAL PRIORITY
Electric	Mickey Rochelle	Medium

PROJECT TITLE
Meter Testing Room with Office Space

	TYPE OF PROJECT
	1 -Health/Safety/Welfare
	2 - Maintenance/Replacement
X	3 - Existing Programs Expansion
	4 - New Program

PROJECT DESCRIPTION
Construct an approximate 30"X 30" room to allow room for electric meter testing equipment and staff.

JUSTIFICATION
Currently meter testing equipment is in an office space with stafff in another office next door. Additional equipment will not work in the current space allocated. The contruction of a new work space would be constructed to allow it to continue as is when final renovations are completed. A floor plan has been drawn by Stephen Baxter Architecture according to information given by electric staff. The room would allow for pallets to be transported in and out from the warehouse. It would also have an office for the supervisor. THis room would be climate controlled and meet current codes.

PROJECT ALTERNATIVES
Continue current operations with less efficiency.

OPERATING IMPACT/OTHER COMMENTS
More room to work efficiently and safley store meters.

PROJECT STATUS New Project - FY 2023

Funds Approved to Date $ -

Funds Expended to Date $ -

CAPITAL COST BREAKDOWN	Prior to July 2022	2022-23	2023-24	2024-25	2025-26	2026-27	Future Years
Construction	$ -	$ -	$ -	$ 25,000	$ -	$ -	$ -
Equipment	-	-	-	-	-	-	-
Contingency	-	-	-	6,700	-	-	-
Other	-	-	-	300	-	-	-
Total Project Costs	$ -	$ -	$ -	$ 32,000	$ -	$ -	$ -

FUNDING SOURCE(S)	Prior to July 2022	2022-23	2023-24	2024-25	2025-26	2026-27	Future Years
Electric User Fees/Other Revenues	$ -	$ -	$ -	$ 32,000	$ -	$ -	$ -
Total Funding Sources	$ -	$ -	$ -	$ 32,000	$ -	$ -	$ -

TOTAL PROJECT COST: $ 32,000

TOWN OF WAKE FOREST
CAPITAL IMPROVEMENTS PROGRAM
CIP UPDATE FY 2022-2027

DEPARTMENT	PROJECT MANAGER	DEPARTMENTAL PRIORITY
Electric Fund	Chris Terrell	Medium

PROJECT TITLE
UD-50 Underground Wire Puller

	TYPE OF PROJECT
	1 -Health/Safety/Welfare
	2 - Maintenance/Replacement
X	3 - Existing Programs Expansion
	4 - New Program

PROJECT DESCRIPTION
5,000lbs Underground Wire Puller

JUSTIFICATION
With the amount of underground work being done by Wake Forest Power, a second wire puller is needed to keep up.

PROJECT ALTERNATIVES
Each crew would need to wait to use the only wire puller delaying jobs until it is availible.

OPERATING IMPACT/OTHER COMMENTS

PROJECT STATUS New Project - FY 2023

Funds Approved to Date $ -

Funds Expended to Date $ -

CAPITAL COST BREAKDOWN	Prior to July 2022	2022-23	2023-24	2024-25	2025-26	2026-27	Future Years
Purchase	$ -	$ -	$ -	$ -	$ 115,000	$ -	$ -
Total Project Costs	$ -	$ -	$ -	$ -	$ 115,000	$ -	$ -

FUNDING SOURCE(S)	Prior to July 2022	2022-23	2023-24	2024-25	2025-26	2026-27	Future Years
Installment Purchase	-	-	-	-	115,000	-	-
Total Funding Sources	$ -	$ -	$ -	$ -	$ 115,000	$ -	$ -

TOTAL PROJECT COST: $ 115,000

TOWN OF WAKE FOREST
CAPITAL IMPROVEMENTS PROGRAM
CIP UPDATE FY 2022-2027

DEPARTMENT	PROJECT MANAGER	DEPARTMENTAL PRIORITY
Electric	Chris Terrell	Medium

PROJECT TITLE
Bucket Truck - Addition

	TYPE OF PROJECT
	1 -Health/Safety/Welfare
	2 - Maintenance/Replacement
x	3 - Existing Programs Expansion
	4 - New Program

PROJECT DESCRIPTION
New Bucket Truck

JUSTIFICATION
With this addition, it would provide every crew a Bucket truck. It would also assist with job proficiency and eliminate being short handed during Mutual Aid.

PROJECT ALTERNATIVES

1) Postpone jobs until other Bucket trucks become available.

OPERATING IMPACT/OTHER COMMENTS

N/A

PROJECT STATUS New Project - FY 2023

Funds Approved to Date $ -

Funds Expended to Date $ -

CAPITAL COST BREAKDOWN	Prior to July 2022	2022-23	2023-24	2024-25	2025-26	2026-27	Future Years
Purchase	-	-	-	-	-	250,000	-
Total Project Costs	$ -	$ -	$ -	$ -	$ -	$ 250,000	$ -

FUNDING SOURCE(S)	Prior to July 2022	2022-23	2023-24	2024-25	2025-26	2026-27	Future Years
Installment Purchase	-	-	-	-	-	250,000	-
Total Funding Sources	$ -	$ -	$ -	$ -	$ -	$ 250,000	$ -

TOTAL PROJECT COST: $ 250,000

Capital Improvement Plan

VEHICLE/EQUIPMENT REPLACEMENT SUMMARY BY DEPARTMENT/DIVISION

PROJECT DESCRIPTION	PRIORITY TYPE	2022-2023	2023-2024	2024-2025	2025-2026	2026-2027	TOTALS	Beyond 2027 Memo Only
GENERAL GOVERNMENT	M-2	$ 35,000	$ 50,000	$ 70,000	$ 46,000	$ 50,000	$ 251,000	$ 45,500
INSPECTIONS	M-2	41,000	64,000	-	44,000	80,500	229,500	171,500
PARKS, RECREATION AND CULTURAL RESOURCES	M-2	130,000	7,500	99,500	56,000	40,000	333,000	477,500
FIRE	M-2	140,500	664,500	597,000	1,485,000	724,500	3,611,500	1,260,000
POLICE	M-2	912,000	845,000	785,000	767,000	1,025,000	4,334,000	-
ENGINEERING	M-2	38,000	-	-	-	-	38,000	155,000
FLEET MAINTENANCE	M-2	-	70,000	105,000	105,000	-	280,000	43,500
STREETS	M-2	779,500	491,500	440,000	287,000	285,000	2,283,000	1,850,000
SOLID WASTE	M-2	410,000	84,000	240,000	240,000	580,000	1,554,000	585,000
PUBLIC FACILITIES	M-2	-	-	-	48,500	27,500	76,000	137,500
URBAN FORESTRY	M-2	-	40,500	-	-	-	40,500	46,000
TOTAL GENERAL FUND		$ 2,486,000	$ 2,317,000	$ 2,336,500	$ 3,078,500	$ 2,812,500	$ 13,030,500	$ 4,771,500
ELECTRIC	M-2	451,500	246,500	180,000	558,000	73,000	1,509,000	1,415,000
TREE TRIMMING	M-2	335,500	82,000	-	63,000	-	480,500	431,500
TOTAL PROPRIETARY FUNDS		$ 787,000	$ 328,500	$ 180,000	$ 621,000	$ 73,000	$ 1,989,500	$ 1,846,500
TOTALS REPLACEMENTS		$ 3,273,000	$ 2,645,500	$ 2,516,500	$ 3,699,500	$ 2,885,500	$ 15,020,000	$ 6,618,000

Priority definitions:	H	High
	M	Medium
	L	Low
Program type:	1	Health/Safety/Welfare
	2	Maintenance/Replacement
	3	Existing programs expansion
	4	New programs expansion

Asset #	Year of Acquisition	Replacement Year per Policy	Current Age (Years)	Useful Life (Years)	**Estimated Cost to Replace**	Unit #	Year	Make	Model	Mileage or Hours	**FY 22-23**	**FY 23-24**	**FY 24-25**	**FY 25-26**	**FY 26-27**
515544	2001	2011	20	10	$ 35,000	4402	2001	DODGE	B150 VAN	23,590	35,000	-		-	-
2139	2007	2022	14	15	70,000	4403	2007	HYUNDAI	HDF 50-7S FORKLIFT	843	-	-	70,000	-	-
B36004	2013	2023	8	10	46,000	4406	2013	FORD	F-250 CREW CAB	9,503	-	-	-	46,000	-
2524	2011	2026	10	15	50,000	4404	2011	HYUNDAI	25L-7A FORKLIFT	769	-	-	-	-	50,000
					$ 201,000						**35,000**	**-**	**70,000**	**46,000**	**50,000**

Asset #	Year of acquisition	Replacment Year Per Policy	Current Age (Years)	Useful Life (Years)	**Estimated cost to replace**	Unit #	Year	Make	Model	Miles or Hours	**FY 22-23**	**FY 23-24**	**FY 24-25**	**FY 25-26**	**FY 26-27**
D32277	2014	2024	8	10	$ 27,000	4301	2014	Escape	SUV	18,717	-	27,000	-	-	-
					$ 27,000						-	**27,000**	**-**	-	-

Human Resources
Replacement Vehicles
2022-2027

Asset #	Year of acquisition	Replacement Year per Policy	Current Age (Years)	Useful Life (Years)	**Estimated cost to replace**	Unit #	Year	Make	Model	Item Description	Mileage	**FY 22-23**	**FY 23-24**	**FY 24-25**	**FY 25-26**	**FY 26-27**
B63006	2014	2024	8	10	$ 23,000	4902	2014	Ford	F-150 XL	Truck	55,677	-	23,000	-	-	-
					$ 23,000								**23,000**			

Asset #	Year of Acquisition	Replacement Year per Policy	Current Age (Years)	Useful Life (Years)	**Estimated Cost to Replace**	Unit #	Year	Make	Model	Mileage or Hours	**FY 22-23**	**FY 23-24**	**FY 24-25**	**FY 25-26**	**FY 26-27**
C15854	2011	2021	11	10	$ 41,000	4803	2011	FORD	F150 CLUB CAB 4X4	54,073	41,000	-	-	-	-
255953	2013	2023	9	10	23,000	4804	2013	FORD	FUSION	28,942	-	23,000	-	-	-
C76067	2013	2023	9	10	41,000	4805	2013	FORD	F-150 EXT CAB P/U	47,752	-	41,000	-	-	-
D50380	2015	2026	7	10	44,000	4807	2015	FORD	F-150 EXT CAB P/U	33,318	-	-	-	44,000	-
B56263	2016	2026	6	10	45,000	4806	2016	FORD	F-150 EXT CAB P/U	37,769	-	-	-	-	45,000
B46993	2016	2026	6	10	35,500	4812	2017	FORD	EXPLORER	18,397	-	-	-	-	35,500
					$ 229,500						**41,000**	**64,000**	**-**	**44,000**	**80,500**

Asset #	Year of Acquisition	Replacement Year per Policy	Current Age (Years)	Useful Life (Years)	**Estimated Cost to Replace**	Vehicle #	Year	Make	Model	Item Description	Mileage or Hours	**FY 22-23**	**FY 23-24**	**FY 24-25**	**FY 25-26**	**FY 26-27**
4	2004	2019	18	15	5,000	6215	2004	Proline	Trailer	Trailer	-	5,000	-	-	-	-
13	2004	2019	18	15	3,000	6216	2004	Proline	Trailer	Trailer	-	3,000	-	-	-	-
51799	2017	2022	5	5	65,000	6242	2017	John Deere	Z960M	Zero Turn Mower	1,368	65,000	-	-	-	-
B85533	2012	2017	10	10	45,000	6226	2012	FORD	F350 CREW CAB 4X4 XL	Truck	67,371	45,000	-	-	-	-
24970	2015	2023	7	7	12,000	6245	2015	Buffalo	Turbine Cyclone KB Blower	Blower	150	12,000	-	-	-	-
2819	2016	2024	6	7	7,500	6246	2016	Honda	GXV 390	Edger	-	-	7,500	-	-	-
-	2009	2024	13	15	10,000	6210	2009	HUDSON	Trailer	Trailer	-	-	-	10,000	-	-
A59291	2014	2019	8	10	45,000	6232	2014	FORD	F-350 4x4 Crew Cab	Truck	52,416	-	-	45,000	-	-
235093	2017	2025	5	8	15,000	6237	2017	John Deere	1220A Ball Field Drag ATV	ATV	225	-	-	15,000	-	-
111499	2017	2025	5	8	9,500	6238	2017	John Deere	Gator TX 4x2	ATV	728	-	-	9,500	-	-
111638	2017	2025	5	8	9,500	6239	2017	John Deere	Gator TX 4x2	ATV	523	-	-	9,500	-	-
120348	2017	2025	5	8	10,500	6243	2017	John Deere	Gator TX 4x2	ATV	163	-	-	10,500	-	-
T070037	2019	2018	4	5	14,000	6247	2018	John Deere	Z Trak Z970R	Lawnmower	675	-	-	-	14,000	-
T070049	2019	2018	4	5	14,000	6248	2018	John Deere	Z Trak Z970R	Lawnmower	1,049	-	-	-	14,000	-
070210	2020	2019	3	5	14,000	6256	2019	John Deere	Z Trak Z970R	Lawnmower	178	-	-	-	14,000	-
080008	2020	2019	3	5	14,000	6257	2019	John Deere	Z Trak Z970R	Lawnmower	644	-	-	-	14,000	-
C82804	2015	2025	7	10	40,000	6209	2015	FORD	F-250 SUPER DUTY	Truck	43,725	-	-	-	-	40,000
					$ 333,000						**TOTALS**	**130,000**	**7,500**	**99,500**	**56,000**	**40,000**

Parks, Recreation and Cultural Resources
Replacement Vehicles
2022-2027

Asset #	Year of Acquisition	Replacement Year per Policy	Current Age (Years)	Useful Life (Years)	**Estimated Cost of Replacement**	Unit #	Year	Make	Model	Item Description	Mileage or Hours	**FY 22-23**	**FY 23-24**	**FY 24-25**	**FY 25-26**	**FY 26-27**
-	2008	2018	14	10	$ 33,500	5202	2008	CHEVROLET	1500	TRUCK	129,371	33,500	-	-	-	-
-	2008	2018	14	10	33,500	5232	2008	FORD	EXPEDITION 4WD	SUV	105,929	33,500	-	-	-	-
-	2008	2018	14	10	39,000	5203	2008	FORD	F - 150	TRUCK	109,948	39,000	-	-	-	-
-	2012	2022	10	10	34,500	5204	2012	FORD	F - 350	TRUCK	70,195	34,500	-	-	-	-
53841	2013	2023	9	10	36,500	5201	2013	DODGE	CHARGER AWD	CAR	66,449	-	36,500	-	-	-
-	2006	2026	16	12	580,000	5207	2006	PIERCE	ENGINE	FIRE ENGINE TRUCK	61,095	-	580,000	-	-	-
-	2017	2027	5	10	48,000	5227	2017	CHEVROLET	TAHOE	SUV	-	-	48,000	-	-	-
-	2007	2027	15	12	597,000	5210	2007	PIERCE	ENGINE	FIRE ENGINE TRUCK	-	-	-	597,000	-	-
-	2011	2031	11	12	1,390,000	5212	2011	PIERCE	ENGINE LADDER	FIRE ENGINE LADDER	29,290	-	-	-	1,390,000	-
-	2016	2026	6	10	37,000	5225	2016	DODGE	CHARGER AWD	CAR	10,285	-	-	-	37,000	-
-	2016	2026	6	10	47,000	5226	2016	FORD	EXPEDITION	SUV	57,202	-	-	-	47,000	-
-	2017	2026	5	8	11,000	5229	2017	EZ GO	GOLF CART	ATV	-	-	-	-	11,000	-
-	2017	2027	5	10	41,000	5205	2017	DODGE	RAM 2500	TRUCK	22,576	-	-	-	-	41,000
-	2012	2022	10	10	635,000	5208	2012	PIERCE	SABER	FIRE ENGINE TRUCK	65,936	-	-	-	-	635,000
-	2017	2027	5	10	48,500	5230	2017	CHEVROLET	TAHOE	ATV	29,829	-	-	-	-	48,500
					$ 3,611,500							**140,500**	**664,500**	**597,000**	**1,485,000**	**724,500**

Fire
Replacement Vehicles
2022-2027

Vehicle Status	Asset #	Year of Acquisition	Replacement Year per Policy	Current Age (Years)	Useful Life (Years)	**Estimated Replacement Cost**	Unit #	Year	Make	Model	Mileage or Hours	FY 22-23	FY 23-24	FY 24-25	FY 25-26	FY 26-27
Patrol	772436	2015	2021	7	6	$ 40,000	102	2015	DODGE	CHARGER	63,966	40,000	-	-	-	-
Patrol	772488	2015	2021	7	6	40,000	116	2015	DODGE	CHARGER	59,733	40,000	-	-	-	-
Patrol	C42751	2016	2022	6	6	43,000	127	2016	FORD	Explorer Interceptor	61,706	43,000	-	-	-	-
Patrol	C42752	2016	2022	6	6	43,000	134	2016	FORD	Explorer Interceptor	59,221	43,000	-	-	-	-
Patrol	772442	2015	2021	7	6	43,000	137	2015	DODGE	CHARGER	66,285	43,000	-	-	-	-
Dare Vehicle	178765	2014	2020	8	6	44,000	143	2014	CHEVROLET	TAHOE 4X4	75,687	44,000	-	-	-	-
Patrol	114579	2016	2022	6	6	41,000	166	2016	FORD	Taurus Interceptor	61,017	41,000	-	-	-	-
Patrol	772434	2015	2021	7	6	40,000	167	2015	DODGE	CHARGER	64,614	40,000	-	-	-	-
Investigations	254919	2008	2018	14	10	40,000	169	2008	CHEVROLET	IMPALA	71,006	40,000	-	-	-	-
Patrol	772441	2015	2021	7	6	43,000	172	2015	DODGE	CHARGER	62,420	43,000	-	-	-	-
Patrol	772435	2015	2021	7	6	43,000	174	2015	DODGE	CHARGER	69,041	43,000	-	-	-	-
Patrol	114463	2016	2022	6	6	40,000	177	2016	FORD	Taurus Interceptor	59,798	40,000	-	-	-	-
Admin	281558	2011	2021	11	10	44,000	185	2011	CHEVROLET	TAHOE	59,943	44,000	-	-	-	
Patrol	C37527	2016	2022	6	6	40,000	233	2016	FORD	Explorer Interceptor	70,723	40,000	-	-	-	-
Patrol	C27882	2016	2022	6	6	41,000	235	2016	FORD	Explorer Interceptor	65,575	41,000	-	-	-	-
Patrol	C37528	2016	2022	6	6	43,000	236	2016	FORD	Explorer Interceptor	66,488	43,000	-	-	-	-
Patrol	B92752	2017	2023	5	6	40,000	244	2017	FORD	Explorer Interceptor	64,409	40,000	-	-	-	-
Patrol	229955	2017	2023	5	6	44,000	249	2017	CHEVROLET	TAHOE	59,756	44,000	-	-	-	-
Patrol	538512	2017	2023	5	6	40,000	254	2017	DODGE	CHARGER	56,064	40,000	-	-	-	-
Patrol	538148	2017	2023	5	6	40,000	256	2017	DODGE	CHARGER	50,545	40,000	-	-	-	-
Patrol	538147	2017	2023	5	6	40,000	258	2017	DODGE	CHARGER	59,388	40,000	-	-	-	-
Patrol	538150	2017	2023	5	6	40,000	259	2017	DODGE	CHARGER	73,523	40,000	-	-	-	-
Patrol	772437	2015	2021	7	6	40,000	104	2015	DODGE	CHARGER	63,320	-	40,000	-	-	-
Unmarked	309026	2012	2022	10	10	40,000	130	2012	DODGE	DURANGO	61,254	-	40,000	-	-	-
Patrol	C51825	2016	2022	6	6	41,000	148	2016	FORD	Explorer Interceptor	51,307	-	41,000	-	-	-
Patrol	114461	2016	2022	6	6	41,000	155	2016	FORD	Taurus Interceptor	58,588	-	41,000	-	-	-
Patrol	114462	2016	2022	6	6	41,000	159	2016	FORD	Taurus Interceptor	53,781	-	41,000	-	-	-
Admin	636027	2015	2021	7	6	43,000	183	2015	CHEVROLET	TAHOE 4X4	56,367	-	43,000	-	-	-
Investigations	629443	2013	2019	9	6	40,000	203	2013	DODGE	CHARGER	55,777	-	40,000	-	-	-
Patrol	C37529	2016	2022	6	6	40,000	238	2016	FORD	Explorer Interceptor	71,404	-	40,000	-	-	-
Patrol	C27884	2016	2022	6	6	41,000	239	2016	FORD	Explorer Interceptor	61,813	-	41,000	-	-	-
Admin	B72781	2017	2023	5	6	41,000	241	2017	FORD	Explorer Interceptor	47,852	-	41,000	-	-	-
Patrol	B72963	2017	2023	5	6	41,000	243	2017	FORD	Explorer Interceptor	40,788	-	41,000	-	-	-
Patrol	630811	2017	2023	5	6	40,000	245	2017	FORD	Explorer Interceptor	48,409	-	40,000	-	-	-
Admin	C485526	2017	2023	5	6	50,000	246	2017	FORD	F250	50,946	-	50,000	-	-	-
Patrol	227047	2017	2023	5	6	44,000	247	2017	CHEVROLET	TAHOE	54,618	-	44,000	-	-	-
Patrol	227671	2017	2023	5	6	45,000	250	2017	CHEVROLET	TAHOE	49,333	-	45,000	-	-	-
Patrol	225175	2017	2023	5	6	44,000	251	2017	CHEVROLET	TAHOE	59,939	-	44,000	-	-	-
Patrol	538149	2017	2023	5	6	40,000	255	2017	DODGE	CHARGER	61,928	-	40,000	-	-	-
Patrol	610626	2017	2023	5	6	41,000	262	2017	DODGE	CHARGER	56,672	-	41,000	-	-	-
Patrol	236565	2018	2024	4	6	46,000	270	2018	CHEVROLET	TAHOE	60,030	-	46,000	-	-	-
Patrol	237392	2018	2024	4	6	46,000	273	2018	CHEVROLET	TAHOE	50,259	-	46,000	-	-	-
Investigations	114460	2016	2022	6	6	41,000	149	2016	FORD	Taurus Interceptor	48,561	-	-	41,000	-	-
Investigations	251149	2011	2021	11	10	40,000	189	2011	CHEVROLET	IMPALA	55,136	-	-	40,000	-	-
Truck	260756	2014	2024	8	10	45,000	225	2014	DODGE	RAM 2500 TK	49,635	-	-	45,000	-	-
Admin	C15681	2016	2026	6	10	42,000	234	2016	FORD	Explorer Interceptor	38,580	-	-	42,000	-	-
Patrol	C27883	2016	2022	6	6	42,000	237	2016	FORD	Explorer Interceptor	49,692	-	-	42,000	-	-
Patrol	B72780	2017	2023	5	6	41,000	240	2017	FORD	Explorer Interceptor	36,416	-	-	41,000	-	-
Patrol	B72782	2017	2023	5	6	41,000	242	2017	FORD	Explorer Interceptor	44,331	-	-	41,000	-	-
Patrol	229124	2017	2023	5	6	45,000	248	2017	CHEVROLET	TAHOE	43,900	-	-	45,000	-	-
Patrol	226257	2017	2023	5	6	44,000	252	2017	CHEVROLET	TAHOE	51,123	-	-	44,000	-	-
Patrol	227648	2017	2023	5	6	45,000	253	2017	CHEVROLET	TAHOE	42,307	-	-	45,000	-	-
Patrol	248971	2018	2024	4	6	41,000	263	2018	DODGE	CHARGER	36,960	-	-	41,000	-	-
Patrol	231727	2018	2024	4	6	46,000	265	2018	CHEVROLET	TAHOE	41,960	-	-	46,000	-	-
Patrol	233694	2018	2024	4	6	46,000	266	2018	CHEVROLET	TAHOE	44,583	-	-	46,000	-	-
Patrol	236027	2018	2024	4	6	46,000	267	2018	CHEVROLET	TAHOE	40,351	-	-	46,000	-	-
Patrol	237475	2018	2024	4	6	46,000	272	2018	CHEVROLET	TAHOE	35,479	-	-	46,000	-	-
Patrol	323890	2018	2024	4	6	41,000	274	2018	DODGE	CHARGER	48,971	-	-	41,000	-	-
Patrol	1GNSKD	2019	2025	3	6	46,000	279	2019	CHEVROLET	TAHOE	35,797	-	-	46,000	-	-
Patrol	318792	2019	2025	3	6	47,000	283	2019	CHEVROLET	TAHOE	46,843	-	-	47,000	-	-

Police
Replacement Vehicles
2022 - 2027

Vehicle Status	Asset #	Year of Acquisition	Replacement Year per Policy	Current Age (Years)	Useful Life (Years)	**Estimated Replacement Cost**	Unit #	Year	Make	Model	Mileage or Hours	**FY 22-23**	**FY 23-24**	**FY 24-25**	**FY 25-26**	**FY 26-27**
Patrol	235466	2018	2024	4	6	46,000	268	2018	CHEVROLET	TAHOE	31,128	-	-	-	46,000	-
Patrol	234553	2018	2024	4	6	46,000	269	2018	CHEVROLET	TAHOE	28,083	-	-	-	46,000	-
Patrol	582215	2019	2025	3	6	43,000	275	2019	DODGE	CHARGER	40,330	-	-	-	43,000	-
Patrol	316843	2019	2025	3	6	47,000	281	2019	CHEVROLET	TAHOE	27,623	-	-	-	47,000	-
Patrol	316185	2019	2025	3	6	47,000	282	2019	CHEVROLET	TAHOE	27,222	-	-	-	47,000	-
Patrol	1GNSKD	2019	2025	3	6	46,000	284	2019	CHEVROLET	TAHOE	27,558	-	-	-	46,000	-
Admin	1GNSKD	2019	2025	3	6	46,000	285	2019	CHEVROLET	TAHOE	30,985	-	-	-	46,000	-
Admin	315313	2019	2025	3	6	47,000	286	2019	CHEVROLET	TAHOE	9,400	-	-	-	47,000	-
Patrol	617725	2019	2025	3	6	43,000	287	2019	DODGE	CHARGER	36,555	-	-	-	43,000	-
Patrol	617726	2019	2025	3	6	43,000	288	2019	DODGE	CHARGER	30,214	-	-	-	43,000	-
Patrol	622432	2019	2025	3	6	43,000	289	2019	DODGE	CHARGER	30,700	-	-	-	43,000	-
Patrol	622433	2019	2025	3	6	43,000	290	2019	DODGE	CHARGER	34,226	-	-	-	43,000	-
Patrol	622431	2019	2025	3	6	43,000	293	2019	DODGE	CHARGER	21,425	-	-	-	43,000	-
Patrol	659072	2019	2025	3	6	43,000	294	2019	DODGE	CHARGER	18,745	-	-	-	43,000	-
Patrol	125203	2020	2025	3	6	47,000	295	2019	CHEVROLET	TAHOE	27,626	-	-	-	47,000	-
Patrol	125131	2020	2025	3	6	47,000	296	2019	CHEVROLET	TAHOE	37,909	-	-	-	47,000	-
Patrol	124873	2020	2025	3	6	47,000	297	2019	CHEVROLET	TAHOE	32,505	-	-	-	47,000	-
Undercover	325100	2012	2022	10	10	40,000	103	2012	DODGE	CARAVAN	54,709	-	-	-	-	40,000
Patrol	248972	2018	2024	4	6	41,000	264	2018	DODGE	CHARGER	30,734	-	-	-	-	41,000
Patrol	323338	2019	2025	3	6	47,000	276	2019	CHEVROLET	TAHOE	12,423	-	-	-	-	47,000
Patrol	322859	2019	2025	3	6	46,000	277	2019	CHEVROLET	TAHOE	16,356	-	-	-	-	46,000
Patrol	314938	2019	2025	3	6	47,000	278	2019	CHEVROLET	TAHOE	10,365	-	-	-	-	47,000
Patrol	314798	2019	2025	3	6	47,000	280	2019	CHEVROLET	TAHOE	24,403	-	-	-	-	47,000
Admin		2020	2030	2	10	47,000	298	2020	CHEVROLET	TAHOE	16,494	-	-	-	-	47,000
Admin		2020	2030	2	10	47,000	299	2020	CHEVROLET	TAHOE	14,503	-	-	-	-	47,000
Patrol	237387	2020	2026	2	6	47,000	300	2020	CHEVROLET	TAHOE	24,768	-	-	-	-	47,000
Patrol	237388	2020	2026	2	6	47,000	301	2020	CHEVROLET	TAHOE	9,699	-	-	-	-	47,000
Patrol	237389	2020	2026	2	6	47,000	302	2020	CHEVROLET	TAHOE	15,556	-	-	-	-	47,000
Patrol	237390	2020	2026	2	6	47,000	303	2020	CHEVROLET	TAHOE	18,119	-	-	-	-	47,000
Patrol	237391	2020	2026	2	6	47,000	304	2020	CHEVROLET	TAHOE	16,820	-	-	-	-	47,000
Patrol	237392	2020	2026	2	6	47,000	305	2020	CHEVROLET	TAHOE	18,293	-	-	-	-	47,000
Patrol	237393	2020	2026	2	6	47,000	306	2020	CHEVROLET	TAHOE	28,285	-	-	-	-	47,000
Patrol	237394	2020	2026	2	6	47,000	307	2020	CHEVROLET	TAHOE	13,614	-	-	-	-	47,000
Patrol	237395	2020	2026	2	6	47,000	308	2020	CHEVROLET	TAHOE	12,175	-	-	-	-	47,000
Patrol	237396	2020	2026	2	6	48,000	309	2020	DODGE	CHARGER	15,027	-	-	-	-	48,000
Patrol	237397	2020	2026	2	6	48,000	310	2020	DODGE	CHARGER	14,228	-	-	-	-	48,000
Patrol	237398	2020	2026	2	6	48,000	311	2020	DODGE	CHARGER	20,197	-	-	-	-	48,000
Patrol	237399	2020	2026	2	6	48,000	312	2020	DODGE	CHARGER	12,898	-	-	-	-	48,000
Patrol	145471	2020	2026	2	6	48,000	313	2020	DODGE	CHARGER	14,252	-	-	-	-	48,000
						$ 4,334,000						**912,000**	**845,000**	**785,000**	**767,000**	**1,025,000**

Police
Replacement Vehicles
2022 - 2027

Asset #	Year of Acquisition	Replacement Year per Policy	Current Age (Years)	Useful Life (Years)	**Estimated Cost to Replace**	Unit #	Year	Make	Model	Mileage or Hours	**FY 22-23**	**FY 23-24**	**FY 24-25**	**FY 25-26**	**FY 26-27**
F40366	2012	2022	10	10	38,000	5406	2012	Ford	Expedition XL	77,249	38,000	-	-	-	-
					$ 38,000						**38,000**	**-**	**-**	**-**	**-**

Asset #	Year of acquisition	Replacement Year per Policy	Current Age (Years)	Useful Life (Years)	**Estimated cost of replacement**	Unit #	Year	Make	Model	Mileage or Hours	**FY 22-23**	**FY 23-24**	**FY 24-25**	**FY 25-26**	**FY 26-27**
C63642	2011	2021	11	10	$ 70,000	5505	2011	FORD	F350 4X4 SUPER DUTY	23,334	-	70,000	-	-	-
B05140	2014	2024	8	10	105,000	5502	2015	FORD	F-450 4x4 SUPER DUTY	23,570	-	-	105,000	-	-
A16558	2015	2026	7	10	105,000	5507	2016	FORD	F-450 4x4 SUPER DUTY	9,237	-	-	-	105,000	-
					$280,000						**-**	**70,000**	**105,000**	**105,000**	**-**

Asset #	Year of Acquisition	Replacement Year per Policy	Current Age (Years)	Useful Life (Years)	**Estimated Cost of Replacement**	Unit #	Year	Make	Model	Item Description	Mileage or Hours	**FY 22-23**	**FY 23-24**	**FY 24-25**	**FY 25-26**	**FY 26-27**
2467	2010	2020	12	10	72,000	5605	2010	HAMM	HAMM HD 13 VV	PAVEMENT ROLLER	866	72,000	-	-	-	-
A43484	2008	2018	14	10	70,000	5609	2008	FORD	F350 4X4 CREW CAB	TRUCK	62,686	70,000	-	-	-	-
2340	2008	2018	14	10	140,000	5610	2008	JCB	3C	BACKHOE	903	140,000	-	-	-	-
2339	2008	2018	14	10	182,500	5619	2008	CHAMPION	C86C	MOTOR GRADER	1,351	182,500	-	-	-	-
2051	2005	2013	17	8	100,000	5627	2005	JOHN DEERE	6420 TRACTOR	TRACTOR	1,116	100,000	-	-	-	-
33852	2007	2022	15	15	7,500	5628	2007	Horton	Enclosed	Trailer	-	7,500	-	-	-	-
33853	2007	2022	15	15	7,500	5633	2007	Horton	Enclosed	Trailer	-	7,500	-	-	-	-
A08604	2012	2022	10	10	60,000	5641	2012	FORD	F350 4X4 CREW CAB	TRUCK	42,160	60,000	-	-	-	-
2541	2012	2022	10	10	80,000	5642	2012	HYUNDAI	ROBEX60CR-9 EXCAVATOR	EXCAVATOR	3,328	80,000	-	-	-	-
C33244	2012	2022	10	10	60,000	5645	2012	FORD	F350 CREW CAB 4X4 XL	TRUCK	48,354	60,000	-	-	-	-
394144	2006	2021	16	15	98,000	5617	2006	PIPEHUNTER	7834G SEWER JET	Trailer are one unit	677	-	98,000	-	-	-
394143	2006	2021	16	15	88,500	5620	2006	PIPEHUNTER	Sewer vacuum	Vacuum & Trailer are one	607	-	88,500	-	-	-
160094	2000	2015	22	15	25,000	5639	2000	Towmaster	Trailer	Trailer	-	-	25,000	-	-	-
3085	2016	2021	6	5	13,500	5660	2016	Hustler	X-One	LAWN MOWER	774	-	13,500	-	-	-
GR7124	2016	2023	6	7	255,000	5661	2016	FREIGHTLINER	JOHNSTON 655 MKII	SWEEPER	2,567	-	255,000	-	-	-
N/A	2018	2023	4	5	11,500	5670	2018	Hustler	X-One 52" Mower	Zero Turn Mower	1,102	-	11,500	-	-	-
2639	2014	2024	8	10	87,000	5650	2014	VOLVO	SD45	ROLLER	195	-	-	87,000	-	-
2638	2014	2024	8	10	73,000	5651	2013	VOLVO	MCT135C	SKID STEER	1,342	-	-	73,000	-	-
x01132	2014	2024	8	10	100,000	5652	2014	Caterpillar	Excavator	Excavator	1,789	-	-	100,000	-	-
24214	2014	2024	8	10	180,000	5653	2015	Mack	GU713	DUMP TRUCK	4,319	-	-	180,000	-	-
2429	2010	2020	12	10	192,000	5622	2010	LINKBELT	LINKBELT EXCAVATOR	EXCAVATOR	1,929	-	-	-	192,000	-
L23508	2015	2025	7	10	25,000	5655	2015	MASSEY FREGUSON	TRACTOR	Tractor	200	-	-	-	25,000	-
D10117	2015	2025	7	10	70,000	5656	2015	FORD	F-350 CREW CAB 4X4	Crew Cab	35,821	-	-	-	70,000	-
501070	2016	2026	6	10	95,000	5657	2016	CATERPILLAR	EXCAVATOR	EXCAVATOR	1,723	-	-	-	-	95,000
35254	2016	2026	6	10	190,000	5659	2016	MACK	DUMP TRUCK	DUMP TRUCK	3,192	-	-	-	-	190,000
					$ 2,283,000							**779,500**	**491,500**	**440,000**	**287,000**	**285,000**

Streets
Replacement Vehicles
2022-2027

Asset #	Year of acquisition	Replacement Year per Policy	Current Age (Years)	Useful Life (Years)	**Estimated Cost to Replace**	Unit #	Year	Make	Model	Item Description	Mileage or Hours	**FY 22-23**	**FY 23-24**	**FY 24-25**	**FY 25-26**	**FY 26-27**
AU6827	2010	2018	12	7	$ 200,000	5810	2010	FREIGHTLINER	M2	KNUCKLEBOOM	7,056	200,000	-	-	-	-
FG4363	2013	2020	9	7	210,000	5813	2013	FREIGHTLINER	108SD	GARBAGE TRUCK	8,074	210,000	-	-	-	-
168222	2013	2020	9	7	42,000	5801	2013	ODB	SCL800 TM25	Leaf Vacuum - Tow Behind	129	-	42,000	-	-	-
168222	2013	2020	9	7	42,000	5812	2013	ODB	SCL800 TM25	Leaf Vacuum - Tow Behind	181	-	42,000	-	-	-
HE8164	2015	2023	7	7	240,000	5815	2016	FREIGHTLINER	108SD	GARBAGE TRUCK	7,616	-	-	240,000	-	-
HY9719	2016	2023	6	7	240,000	5816	2016	FREIGHTLINER	108SD	GARBAGE TRUCK	6,384	-	-	-	240,000	-
HY9719	2017	2024	5	7	245,000	5818	2018	FREIGHTLINER	108SD	GARBAGE TRUCK	5,580	-	-	-	-	245,000
	2018	2026	4	7	230,000	5820	2018	FREIGHTLINER	M2-106	LEAF TRUCK	1,218	-	-	-	-	255,000
C86644	2016	2026	6	10	80,000	5817	2016	FORD	F-550	FLAT BED TRUCK	58,556	-	-	-	-	80,000
					$ 1,529,000							**410,000**	**84,000**	**240,000**	**240,000**	**580,000**

Asset #	Year of Acquisition	Replacement Year per Policy	Current Age (Years)	Useful Life (Years)	**Estimated Cost to Replace**	Unit #	Year	Make	Model	Item Description	Mileage or Hours	**FY 22-23**	**FY 23-24**	**FY 24-25**	**FY 25-26**	**FY 26-27**
B97594	2015	2025	6	10	$ 48,500	5004	2015	Ford	F-250	TRUCK	32,802	-	-	-	48,500	-
	2017	2025	3	8	27,500	5006	2017	Polaris	Ranger XP	ATV	150	-	-	-	-	27,500
					$ 76,000							**-**	**-**	**-**	**48,500**	**27,500**

Asset #	Year of Acquisition	Replacement Year per Policy	Current Age (Years)	Useful Life (Years)	**Estimated Cost to Replace**	Unit #	Year	Make	Model	Plate #	Mileage or Hours	**FY 22-23**	**FY 23-24**	**FY 24-25**	**FY 25-26**	**FY 26-27**
663711	2013	2023	9	10	$ 40,500	5351	2013	Dodge	Ram 1500 ST 4x4 Crew Cab	61948V	36,875	-	40,500	-	-	-
					$ 40,500							**-**	**40,500**	**-**	**-**	**-**

Asset #	Year of Acquisition	Replacement Year per Policy	Current Age (Years)	Useful Life (Years)	**Estimated Cost of Replacement**	Unit #	Year	Make	Model	Item Description	Mileage or Hours	**FY 22-23**	**FY 23-24**	**FY 24-25**	**FY 25-26**	**FY 26-27**
428141	2007	2017	15	10	$ 158,000	8537	2007	INTERNATIONAL	4200 SBA 4X2	DUMP BED	2,370	158,000	-	-	-	-
436364	2007	2017	15	10	204,000	8543	2007	INTERNATIONAL	4300 SBA 4X2	BUCKET TRUCK	4,472	204,000	-	-	-	-
1944	2005	2020	17	15	89,500	8545	2005	Sherman & Reilly	Underdawg Wire Puller	Wire Puller Trailer	127	89,500	-	-	-	-
2552	2012	2022	10	10	93,500	8512	2012	TAKEUCHI	TL240CR	SKID STEER	689	-	93,500	-	-	-
B85573	2012	2022	10	10	76,500	8514	2012	FORD	F550 4X4 CREW CAB TOOL BO	TRUCK	53,429	-	76,500	-	-	-
B85572	2012	2022	10	10	76,500	8529	2012	FORD	F550 4X4 CREW CAB TOOL BO	TRUCK	55,745	-	76,500	-	-	-
2057	2006	2014	16	8	25,000	8546	2006	BOBCAT	2200D ATV 4X4	ATV	424	-	-	25,000	-	-
2481	2010	2020	12	10	47,500	8561	2010	WACKER NEUSON	RTSC2 TRENCH	ROLLER	45	-	-	47,500	-	-
2482	2010	2020	12	10	47,500	8562	2010	WACKER NEUSON	RTSC2 TRENCH	ROLLER	75	-	-	47,500	-	-
2651	2013	2023	9	10	60,000	8535	2013	JCB	8035ZTS	TRACKHOE	1,549	-	-	60,000	-	-
X00635	2015	2025	7	10	90,000	8532	2015	CATERPILLAR	EXCAVATOR	305.5E 2 CR	1,243	-	-	-	90,000	-
F26954	2014	2024	7	10	315,000	8564	2015	FREIGHTLINER	M2 106	DERRICK TRUCK	1,658	-	-	-	315,000	-
A16641	2014	2024	7	10	78,000	8565	2015	Ford	F550 4X4 CREW CAB	TRUCK	56,392	-	-	-	78,000	-
A16561	2016	2026	6	10	75,000	8566	2016	Ford	F550 4X4 CREW CAB	TRUCK	38,600	-	-	-	75,000	-
Y01926	2016	2026	6	10	73,000	8568	2016	Caterpillar	303.5E2 CR	Excavator	907	-	-	-	-	73,000
					$ 1,509,000							**451,500**	**246,500**	**180,000**	**558,000**	**73,000**

Asset #	Year of Acqusition	Replacement Year per Policy	Current Age (Years)	Useful Life (Years)	**Estimated Cost to Replace**	Unit #	Year	Make	Model	Item Description	Mileage or Hours	**FY 22-23**	**FY 23-24**	**FY 24-25**	**FY 25-26**	**FY 26-27**
2551	2012	2020	10	8	$ 85,500	8607	2012	VERMEER	BC1800XL	CHIPPER	3,250	85,500	-	-	-	-
FE0753	2012	2022	10	10	250,000	8608	2012	FREIGHTLINER	M2 106	BUCKET TRUCK	7,555	250,000	-	-	-	-
671	2008	2023	14	15	12,000	8606	2008	Superior	BC1200XL	TRAILER	-	-	12,000	-	-	-
2730	2015	2023	7	8	70,000	8609	2015	BANDIT	2650T	STUMP GRINDER	488	-	70,000	-	-	-
-	2017	2025	5	8	63,000	8613	2017	Vermeer	BC1200XL	Chipper	861	-	-	-	63,000	-
					$ 480,500							**335,500**	**82,000**	**-**	**63,000**	**-**

Appendix A: Long Range CIP Project Plan

Projects listed below were included in previous CIP updates, however in order to present a more fiscally constrained document, staff felt it prudent to remove certain projects that were originally planned within the five to ten-year range (future years) from this year's update. These projects are identified in respective departmental master plans which means they are viable and will be included in future CIP updates. They will continuously be evaluated and phased in the CIP when it becomes financially feasible. These projects could potentially move forward when funding becomes available or priorities change.

GTP - Greenways, Transportation and Pedestrian Access

1. West Holding Avenue Sidewalk
2. Wake Forest Bypass Greenway – Phase 1
3. Richland Creek – Phase 1
4. Richland Creek – Phase 2
5. Richland Creek – Phase 3
6. Ligon Mill Road Extension – Phase 1
7. Ligon Mill Road Extension – Phase 2
8. Pedestrian Sidewalk Connections
9. US 1-A South Main Street Bike Lanes
10. Passive/Active Park Greenway Connections
11. Ligon Mill Road - Complete Streets
12. Wake Forest Bypass Greenway – Phase 2
13. Smith-Austin Creek Greenway & Heritage Hills Spur
14. Bicycle and Pedestrian Counters
15. Bicycle Lanes & Sharrows
16. Harris Road Extension/Northside Loop

Parks and Recreation

1. 94 Acre Park Development/Equipment
2. Joyner Park – Phase III