



TOWN OF WAKE FOREST

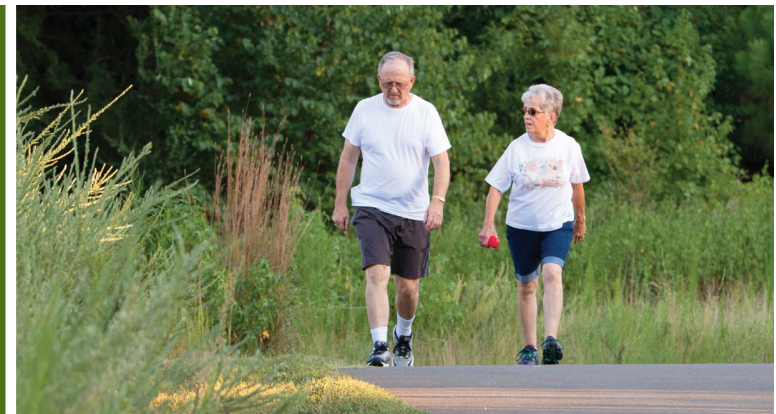
Capital Improvements Plan **Update**



2020 - 2025



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; Antwan Morrison; Candace Davis

Date: January 7, 2020

Re: 2020 – 2025 Capital Improvement Plan (CIP)

Attached for your review is the above referenced CIP. The plan identifies needs in the amount of \$227.1 million with an estimated operating impact of \$37 million. Many of the projects identified will require funding through grants, bond referendums, installment purchase agreements and general fund revenues.

For the upcoming fiscal year (2020 – 2021) the funding request is \$14.8 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 street lights.

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.

Over the past two years, I have asked that the CIP presented to you be fiscally constrained for year one projects. Staff has worked hard to attain this goal. This year we took a detailed look at the column labeled “Future Years”. There were many interpretations regarding what future years mean. However, to be consistent, future years means any project that has the potential to be completed (and fiscally constrained) within the next ten years. This is a rolling ten-year time frame. Therefore, you will notice some of the projects included in past years are no longer listed. It is important that we present a document that is realistic and as fiscally constrained as possible, which gets more challenging as you go out in time. Projects that were removed are listed in an appendix to this document. Please remember, these projects are not forgotten but remain in the Town’s long-range plans to move forward when funding becomes available or priorities change.

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 2020 – 2021 and will be funded according to the approved priority rankings.

Staff will be present at your CIP work session on February 4 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, Antwan Morrison, 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 2020-21 through 2024-25. 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 2020-21 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.

Criteria	Priority		
	High	Medium	Low
	1	Level A	
	2	Level B	
	3		
	4	Level C	

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	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	TOTALS	Beyond 2025 Memo Only
USES:								
<i>GENERAL FUND</i>								
General Government	\$ -	\$ 205,000	\$ 637,400	\$ 8,876,000	\$ 3,200,000	\$ 8,606,700	\$ 21,525,100	\$ 20,396,700
Information Technology	550,000	2,345,000	330,000	2,080,000	185,000	335,000	5,825,000	-
Public Facilities	313,200	140,000	287,200	448,500	460,000	175,300	1,824,200	39,098,100
Public Safety	-	50,000	740,000	475,000	400,000	-	1,665,000	600,000
Fire	-	1,600,000	135,000	785,000	745,000	660,000	3,925,000	5,000,000
Transportation	4,663,880	3,123,650	1,160,000	2,064,800	1,808,800	6,039,000	18,860,130	34,219,500
Parks and Recreation	233,000	264,000	507,000	390,000	839,000	2,975,000	5,208,000	12,070,400
Streets Division	80,000	565,000	437,000	150,000	400,000	100,000	1,732,000	-
Fleet Division	-	-	-	90,000	-	-	90,000	-
Environmental Services	125,000	785,000	-	855,000	-	-	1,765,000	2,000,000
Asset Maintenance	667,200	865,000	2,165,800	4,488,500	2,822,150	7,194,800	18,203,450	6,893,800
Vehicle/Equipment Replacements	-	2,176,000	1,718,000	1,499,000	1,995,500	1,509,700	8,898,200	3,965,000
	6,632,280	12,118,650	8,117,400	22,201,800	12,855,450	27,595,500	89,521,080	124,243,500
<i>ELECTRIC FUND</i>								
Electric/Tree Trimming	\$ 1,200,000	\$ 2,002,500	\$ 1,880,000	\$ 1,642,500	\$ 1,475,000	\$ 1,400,000	\$ 9,600,000	\$ -
Vehicle/Equipment Replacements	-	675,000	40,500	471,500	125,000	-	1,312,000	2,386,800
TOTAL USES	\$ 7,832,280	\$ 14,796,150	\$ 10,037,900	\$ 24,315,800	\$ 14,455,450	\$ 28,995,500	\$ 100,433,080	\$ 126,630,300
SOURCES:								
<i>GENERAL FUND</i>								
Current G.O. Referendum - Issued	1,136,000	-	-	-	-	-	1,136,000	-
Current G.O. Referendum - Not Yet Issued	1,305,300	419,700	-	-	-	-	1,725,000	-
Future G.O. Referendum - Estimated - FY 2022	-	605,000	1,115,000	5,062,000	2,929,000	7,446,950	17,157,950	14,993,400
Future G.O. Referendum - Estimated - FY 2024	-	-	-	-	-	1,400,000	1,400,000	8,758,300
Future G.O. Referendum	-	-	-	-	-	-	-	2,000,000
Future Installment Purchase - Other	550,000	2,315,000	637,400	5,796,000	-	4,856,700	14,155,100	41,855,300
Future Installment Purchase - Vehicles/Equipment	-	4,665,000	2,433,000	2,784,000	3,275,500	2,119,700	15,277,200	3,965,000
Grant Funds - Awarded	1,981,730	944,250	-	-	-	-	2,925,980	-
Grant Funds - Future Application/Application Submitted	-	1,050,000	65,000	-	35,000	4,091,100	5,241,100	22,533,300
Capital Reserve Funds	-	312,500	-	632,500	100,000	200,000	1,245,000	-
Downtown Municipal Service Districts	-	75,000	-	-	-	-	75,000	-
Pay As You Go - User Fees/Other Revenues/Reserves	-	-	-	-	-	-	-	-
Special Obligation Bonds	-	-	-	3,000,000	3,000,000	3,000,000	9,000,000	16,000,000
Other Available Sources (Timing & Amounts TBD)	1,659,250	2,044,700	3,867,000	5,239,800	3,515,950	4,481,050	20,807,750	14,138,200
<i>ELECTRIC FUND</i>								
Vehicles/Equipment Installment Purchase	400,000	675,000	40,500	471,500	200,000	-	1,787,000	2,386,800
Pay As You Go - User Fees/Other Revenues/Reserves	800,000	1,690,000	1,880,000	1,330,000	1,400,000	1,400,000	8,500,000	-
TOTAL SOURCES	\$ 7,832,280	\$ 14,796,150	\$ 10,037,900	\$ 24,315,800	\$ 14,455,450	\$ 28,995,500	\$ 100,433,080	\$ 126,630,300

Reconcile 2014 G.O. Bond Referendum

	Issued	Unissued	Total
CIP Update 2019 - Upcoming Projects:			
Ligon Mill Road	\$ 844,000	\$ 335,000	\$ 1,179,000
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
Dunn Creek Greenway - Phase 3	-	653,000	653,000
Ailey Young Park	-	175,000	175,000
	<u>\$ 1,136,000</u>	<u>\$ 1,725,000</u>	<u>\$ 2,861,000</u>
Active Projects:			
Smith and Sanford Creek Greenway	\$ 1,581,000	\$ -	\$ 1,581,000
Priority Pedestrian Corridors	325,000	480,000	805,000
Dunn Creek Downtown Connector	115,500	-	115,500
Dunn Creek Boardwalk Rehab	-	73,500	73,500
Passive/Active	430,625	34,000	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
Durham Road	-	395,000	395,000
Brewer Circle	-	300,000	300,000
Stadium Drive	-	1,396,000	1,396,000
	<u>\$ 19,044,000</u>	<u>\$ 3,195,000</u>	<u>\$ 22,239,000</u>
Total (Upcoming & Active Projects)	<u>\$ 20,180,000</u>	<u>\$ 4,920,000</u>	<u>\$ 25,100,000</u>

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	\$ 200,000	\$ -	\$ 60,000	\$ 14,967,900	\$ -	\$ -	\$ 800,000	\$ -	\$ 50,000	\$ 25,000,000	\$ -	\$ -	\$ 75,000	\$ 768,900	\$ 41,921,800
Information Technology	2,610,000	-	30,000	2,865,000	-	-	-	-	-	-	320,000	-	-	-	5,825,000
Public Facilities	2,195,400	-	70,000	38,177,500	-	-	479,400	-	-	-	-	-	-	-	40,922,300
Public Safety	1,100,000	-	1,115,000	-	-	-	-	-	-	-	-	-	-	50,000	2,265,000
Fire	600,000	-	3,325,000	-	-	-	-	-	-	-	-	-	-	5,000,000	8,925,000
GTP	3,817,100	-	-	-	844,000	1,550,000	17,056,950	2,909,080	23,611,400	-	-	-	-	3,291,100	53,079,630
PRCR	405,000	-	364,000	-	-	175,000	15,034,400	-	1,000,000	-	300,000	-	-	-	17,278,400
Electric	-	8,500,000	475,000	-	-	-	-	-	-	-	625,000	-	-	-	9,600,000
Environmental Services	310,000	-	450,000	-	-	-	3,005,000	-	-	-	-	-	-	-	3,765,000
Fleet Maintenance	90,000	-	-	-	-	-	-	-	-	-	-	-	-	-	90,000
Streets	767,000	-	965,000	-	-	-	-	-	-	-	-	-	-	-	1,732,000
Asset Maintenance	11,262,650	-	-	-	292,000	-	7,933,900	16,900	3,113,000	-	-	-	-	2,478,800	25,097,250
Vehicle Replacements	-	-	16,562,000	-	-	-	-	-	-	-	-	-	-	-	16,562,000
\$ 23,357,150 \$ 8,500,000 \$ 23,416,000 \$ 56,010,400 \$ 1,136,000 \$ 1,725,000 \$ 44,309,650 \$ 2,925,980 \$ 27,774,400 \$ 25,000,000 \$ 1,245,000 \$ - \$ 75,000 \$ 11,588,800 \$ 227,063,380															

Bond Projects Fully Funded (removed from update):

Street and Sidewalk Improvements

Ligon Mill Road Operational Improvements	-	-
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	325,000	480,000
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

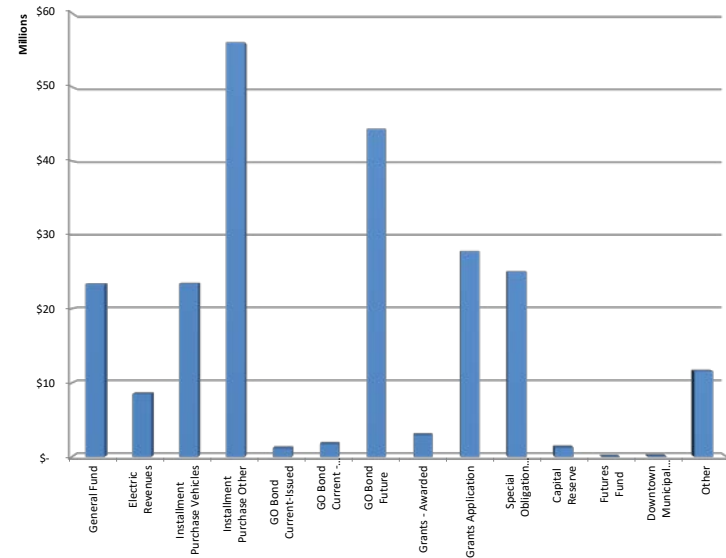
Joyner Park	11,100,000	-
Northern Wake Senior Center	3,100,000	-

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	430,625	34,000
Smith Creek Greenway Stream Repair	-	200,000
Richland Creek Greenway	28,600	-
Hedrick Property	301,775	-
TBD Greenway	-	66,500

Subtotal 19,044,000 3,195,000

\$ 20,180,000 \$ 4,920,000



Capital Improvement Plan
FUNDING LEVEL SUMMARY
 FISCAL YEAR 2020-2021

PAGE	DEPARTMENT/Division	PROJECT DESCRIPTION	PRIORITY TYPE	1ST YEAR CAPITAL COST	EXTERNAL FUNDING	FISCALLY CONSTRAINED
LEVEL A						
PF-2	Public Facilities	ADA Improvements for Compliance	H-1	\$ 35,000	\$ -	\$ 35,000
ES-1	Environmental Services	North White Street Landfill - Cap Construction	H-1	565,000	-	60,000
E-3	Electric	LED Conversion	H-2	312,500	-	-
AM-4	Asset Maintenance	Town Hall	H-2	100,000	-	100,000
TOTAL LEVEL A				1,012,500	-	195,000
LEVEL B						
GG-1	General Government	Wait Avenue Closing	M-3	75,000	-	-
GG-2	General Government	Vehicle Addition - Planning	M-3	30,000	-	-
GG-3	General Government	Renaissance Centre Audience Risers	M-3	100,000	-	-
IT-1	Information Technology	Fiber Infrastructure Project	H-4	2,315,000	-	-
IT-3	Information Technology	Vehicle Addition	M-3	30,000	-	-
PF-3	Public Facilities	Vehicle Additions	M-3	70,000	-	-
PF-5	Public Facilities	Emergency Generator - 317 Brooks St.	M-3	35,000	-	35,000
PS-1	Public Safety	Mini-CALIBER® Tactical Robot	M-2	50,000	-	-
F-1	Fire Department	Fire Apparatus Addition - Tractor Drawn Aerial	H-3	1,400,000	-	-
F-2	Fire Department	Fire Apparatus Replacement	M-2	70,000	-	-
F-3	Fire Department	Fire Equipment Replacement	M-2	50,000	-	50,000
F-4	Fire Department	Mobile & Portable Radios Replacement	M-2	80,000	-	80,000
T-1	GTP	Roadway - Ligon Mill Operational Improvements	H-3	2,616,250	1,165,250	451,000
T-2	GTP	Bicycle and Pedestrian Counters	M-3	50,000	-	50,000
T-3	GTP	Bicycle Lanes & Sharrows	M-3	50,000	-	50,000
T-4	GTP	Traffic/Pedestrian Signals	M-3	135,000	-	135,000
T-5	GTP	Smith Creek Greenway - Phase 3	H-3	24,400	-	24,400
T-6	GTP	Smith Creek Greenway - Phase 2	H-3	228,000	178,700	49,300
T-7	GTP	Dunn Creek Greenway - Phase 3	M-3	20,000	20,000	-
PRCR-1	PRCR	Installation of Irrigation and Sod Flaherty Park Field #3	M-2	60,000	-	60,000
PRCR-2	PRCR	Vehicle Additions	M-3	104,000	-	-
PRCR-3	PRCR	5-Unit Reel Mower (Trim Cut)	M-3	65,000	-	-
PRCR-4	PRCR	Multi-Use Tractor	M-2	35,000	-	-
ES-2	Environmental Services	Vacuum Leaf Truck - Addition	M-3	220,000	-	-
S-2	Streets	Transportation New Sidewalk Projects	M-3	100,000	-	100,000
S-3	Streets	Single Axle Dump Truck	M-3	215,000	-	-
S-4	Streets	RAVO Street Sweeper	M-3	250,000	-	-
VR	General Government	Vehicle Replacements	M-3	2,176,000	-	-
E-1	Electric	Electric Building Location	M-3	500,000	-	500,000
E-2	Electric	Line Construction/System Improvements	M-2	1,100,000	-	1,100,000
E-4	Electric	Four Position Watt-Hour Meter Test Board	M-3	90,000	-	90,000
VR	Electric	Vehicle Replacements	M-2	675,000	-	-
AM-1	Asset Maintenance	Transportation Sidewalk Repairs	M-2	100,000	-	100,000
AM-2	Asset Maintenance	Street Maintenance and Resurfacing	M-2	100,000	-	-
AM-3	Asset Maintenance	Stormwater Infrastructure Maintenance and Funding	M-2	325,000	-	325,000
AM-5	Asset Maintenance	Sports/Athletic Field Playing Soccer Surface Repair	M-2	40,000	-	40,000
AM-6	Asset Maintenance	Athletic Fields Fence Replacement	M-2	200,000	-	200,000
TOTAL LEVEL B				13,783,650	1,363,950	3,439,700
LEVEL C:						
				-	-	-
TOTAL LEVEL C				-	-	-
GRAND TOTALS				\$ 14,796,150	\$ 1,363,950	\$ 3,634,700

*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.

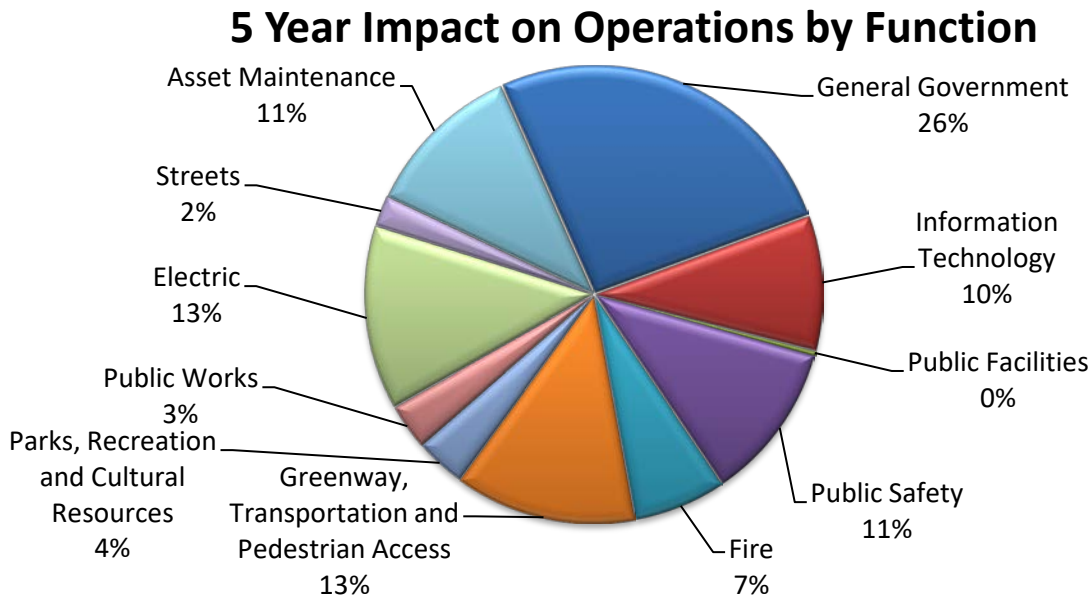
General Fund - 5 Year Average - Fiscally Constrained	\$	2,540,110
Electric Fund - 5 Year Average - Fiscally Constrained		1,671,500
	\$	<u>4,211,610</u>

FY 2020 – 2025 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	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	Total
General Government	1,363,250	1,661,000	2,007,250	2,264,250	2,364,000	9,659,750
Information Technology	703,750	708,750	708,800	708,800	708,800	3,538,900
Public Facilities	26,300	35,300	28,300	14,300	28,300	132,500
Public Safety	-	578,750	750,000	1,403,750	1,425,000	4,157,500
Fire	191,750	375,500	461,750	620,500	779,250	2,428,750
Greenway, Transportation and Pedestrian Access	355,000	1,030,000	1,133,000	1,136,000	1,136,000	4,790,000
Parks, Recreation and Cultural Resources	155,750	281,500	334,000	305,750	250,000	1,327,000
Public Works	185,500	185,500	296,000	296,000	236,000	1,199,000
Electric	616,000	732,500	833,500	1,183,500	1,458,500	4,824,000
Streets	73,750	247,500	247,500	205,000	31,250	805,000
Asset Maintenance	577,500	837,500	925,000	925,000	925,000	4,190,000
						-
	\$ 4,248,550	\$ 6,673,800	\$ 7,725,100	\$ 9,062,850	\$ 9,342,100	\$ 37,052,400



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: December 31, 2019

General Fund

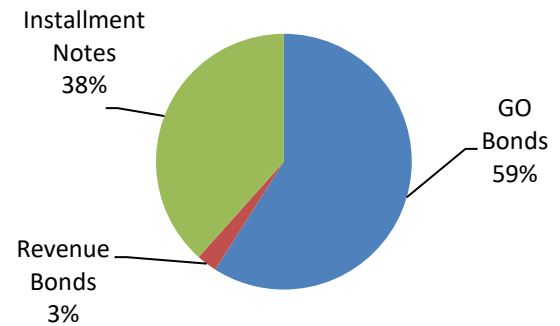
Installment Purchase	\$ 14,177,977
General Obligation Bonds	<u>27,050,000</u>
Total Tax-Supported Debt	<u>41,227,977</u>

Electric Fund

Revenue Bonds	1,185,209
Installment Purchase	3,421,903

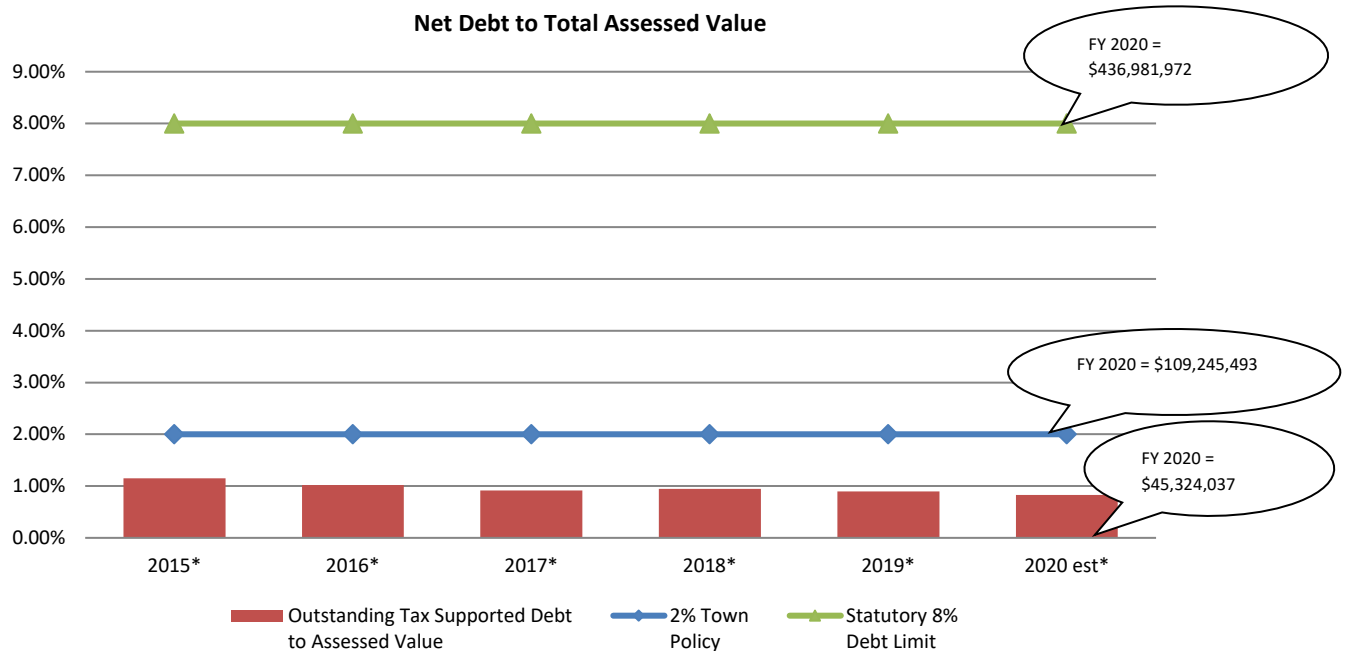
Total Debt Outstanding \$45,835,089

Outstanding Debt by Type of Issue



*Authorized but Unissued General Obligation Bonds \$4,920,000

**Legal Debt Margin at June 30, 2019 is \$378,021,219



Capital Improvement Plan
GENERAL GOVERNMENT SUMMARY - BY PROJECT

PROJECT TITLE	PRIORITY TYPE	PRIOR TO JULY 2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	FUTURE YEARS	TOTALS
1 Wait Avenue Closing	M - 3	\$ -	\$ 75,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 75,000
2 Vehicle Addition - Planning	M - 3	-	30,000	-	30,000	-	-	-	60,000
3 Renaissance Centre Audience Risers	M - 3	-	100,000	-	-	-	-	-	100,000
4 Downtown Streetscape Improvements	H - 2	-	-	637,400	5,796,000	-	4,856,700	4,396,700	15,686,800
5 Downtown Interactive Water Feature	M - 3	-	-	-	50,000	-	750,000	-	800,000
6 Site Aquisition and Development	H - 4	-	-	-	3,000,000	3,000,000	3,000,000	16,000,000	25,000,000
7 Branding of Downtown Water Tower	M - 3	-	-	-	-	200,000	-	-	200,000
TOTALS		\$ -	\$ 205,000	\$ 637,400	\$ 8,876,000	\$ 3,200,000	\$ 8,606,700	\$ 20,396,700	\$ 41,921,800

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 2020-2025**

DEPARTMENT	PROJECT MANAGER	DEPARTMENTAL PRIORITY
Downtown Development	Lisa Hayes	Medium

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

PROJECT DESCRIPTION

Close Wait Avenue between Brooks and Roosevelt to create a larger block for either parking or redevelopment.

JUSTIFICATION

This project is identified in the Renaissance Plan Update (2016) as a " Top 10 in 5 Years" project. The current street has very little traffic and is not advantageous to the downtown street network. Closing of this portion of Wait Avenue would allow for a positive use of this area.

**PROJECT ALTERNATIVES**

Continuation of present use of Wait Avenue.

OPERATING IMPACT/OTHER COMMENTS

*Cost estimate based on selected vendor's estimated cost range for project. Will get firmer estimates as project gets closer.

PROJECT STATUS

Continuation - FY 2020

Funds Approved to Date

\$ -

Funds Expended to Date

\$ -

CAPITAL COST BREAKDOWN	Prior to July 2020	2020-21	2021-22	2022-23	2023-24	2024-25	Future Years
Construction	\$ -	\$ 75,000	\$ -	\$ -	\$ -	\$ -	\$ -
Total Project Costs	\$ -	\$ 75,000	\$ -	\$ -	\$ -	\$ -	\$ -

FUNDING SOURCE(S)	Prior to July 2020	2020-21	2021-22	2022-23	2023-24	2024-25	Future Years
DMSD	\$ -	\$ 75,000	\$ -	\$ -	\$ -	\$ -	\$ -
Total Funding Sources	\$ -	\$ 75,000	\$ -	\$ -	\$ -	\$ -	\$ -

TOTAL PROJECT COST:**\$ 75,000**

**TOWN OF WAKE FOREST
CAPITAL IMPROVEMENTS PROGRAM
CIP UPDATE FY 2020-2025**

DEPARTMENT

Planning

SUBMITTED BY

Courtney Tanner

DEPARTMENTAL PRIORITY

Medium

PROJECT TITLE

Vehicle Addition - 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 currently. When the Town hired a full-time Zoning Compliance Officer, the vehicle was assigned to that position.

JUSTIFICATION

With an increased need for Planning staff to monitor projects in the field (private and public) an additional vehicle is needed to be used primarily by Transportation Planning and Development Services staff. The vehicle is expected to be regularly used by Transportation Planning as they monitor LAPP Projects, attend meetings at NCDOT offices, attend CAMPO meetings, and visit sites under construction.

**PROJECT ALTERNATIVES**

Obtain a vehicle surplus by another department.

OPERATING IMPACT/OTHER COMMENTS

Annual operating impact is approximately \$1,500 for vehicle maintenance.

PROJECT STATUS

Continuation - FY 2020

Funds Approved to Date

\$ -

Funds Expended to Date

\$ -

CAPITAL COST BREAKDOWN	Prior to July 2020	2020-21	2021-22	2022-23	2023-24	2024-25	Future Years
Purchase	\$ -	\$ 30,000	\$ -	\$ 30,000	\$ -	\$ -	\$ -
Total Project Costs	\$ -	\$ 30,000	\$ -	\$ 30,000	\$ -	\$ -	\$ -

FUNDING SOURCE(S)	Prior to July 2020	2020-21	2021-22	2022-23	2023-24	2024-25	Future Years
Installment Purchase	\$ -	\$ 30,000	\$ -	\$ 30,000	\$ -	\$ -	\$ -
Total Funding Sources	\$ -	\$ 30,000	\$ -	\$ 30,000	\$ -	\$ -	\$ -

TOTAL PROJECT COST:**\$ 60,000**

**TOWN OF WAKE FOREST
CAPITAL IMPROVEMENTS PROGRAM
CIP UPDATE FY 2020-2025**

DEPARTMENT

Wake Forest Renaissance Centre

SUBMITTED BY

Debbie Dunn

DEPARTMENTAL PRIORITY

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

New Project - FY 2021

Funds Approved to Date

\$ -

Funds Expended to Date

\$ -

CAPITAL COST BREAKDOWN	Prior to July 2020	2020-21	2021-22	2022-23	2023-24	2024-25	Future Years
Purchase	\$ -	\$ 100,000	\$ -	\$ -	\$ -	\$ -	\$ -
Equipment	-	-	-	-	-	-	-
Total Project Costs	\$ -	\$ 100,000	\$ -	\$ -	\$ -	\$ -	\$ -

FUNDING SOURCE(S)	Prior to July 2020	2020-21	2021-22	2022-23	2023-24	2024-25	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 2020-2025**

DEPARTMENT	PROJECT MANAGER	DEPARTMENTAL PRIORITY
Administration	Candace Davis	High

PROJECT TITLE	TYPE OF PROJECT								
<i>Downtown Streetscape Improvements</i>	<table> <tr><td></td><td>1 - Health/Safety/Welfare</td></tr> <tr><td>X</td><td>2 - Maintenance/Replacement</td></tr> <tr><td></td><td>3 - Existing Programs Expansion</td></tr> <tr><td></td><td>4 - New Program</td></tr> </table>		1 - Health/Safety/Welfare	X	2 - Maintenance/Replacement		3 - Existing Programs Expansion		4 - New Program
	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.

1) S. White Street (Lighting), 2) Brooks Street, 3) Elm Avenue, 4) Front Street Intersection Improvements, 5) E. Jones Avenue, 6) Wait Avenue, and 7) N. White Street.

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)
- 2 - Brooks Street: East Roosevelt Ave (NC98 BUS) to E. Holding Avenue
- 3 - 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

Funds Approved to Date

Continuation - FY 2019

\$ 5,600,000

Funds Expended to Date

\$ 4,302,126

CAPITAL COST BREAKDOWN	Prior to July 2020	2020-21	2021-22	2022-23	2023-24	2024-25	Future Years
Planning & Engineering	\$ -	\$ -	\$ 20,000	\$ 810,000	\$ -	\$ 680,000	\$ 600,000
Purchase	-	-	-	150,000	-	150,000	190,000
Construction	-	-	470,000	4,100,000	-	3,400,000	2,845,000
Contingency -- CEI	-	-	141,000	680,000	-	580,000	720,000
Other - PAC 1%	-	-	6,400	56,000	-	46,700	41,700
Total Project Costs	\$ -	\$ -	\$ 637,400	\$ 5,796,000	\$ -	\$ 4,856,700	\$ 4,396,700

FUNDING SOURCE(S)	Prior to July 2020	2020-21	2021-22	2022-23	2023-24	2024-25	Future Years
Installment Purchase	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Future Installment Purchase	-	-	637,400	5,796,000	-	4,856,700	3,677,800
Other - PILOT; developer fees	-	-	-	-	-	-	718,900
Total Funding Sources	\$ -	\$ -	\$ 637,400	\$ 5,796,000	\$ -	\$ 4,856,700	\$ 4,396,700

TOTAL PROJECT COST:

\$ 15,686,800

**TOWN OF WAKE FOREST
CAPITAL IMPROVEMENTS PROGRAM
CIP UPDATE FY 2020-2025**

DEPARTMENT	PROJECT MANAGER	DEPARTMENTAL PRIORITY
Downtown Development	Lisa Hayes	Medium

PROJECT TITLE	TYPE OF PROJECT
Downtown Interactive Water Feature	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

Funds Approved to Date

Continuation - FY 2020

\$ -

Funds Expended to Date

\$ -

CAPITAL COST BREAKDOWN	Prior to July 2020	2020-21	2021-22	2022-23	2023-24	2024-25	Future Years
Planning & Engineering	\$ -	\$ -	\$ -	\$ 50,000	\$ -	\$ -	\$ -
Construction	-	-	-	-	-	750,000	-
Total Project Costs	\$ -	\$ -	\$ -	\$ 50,000	\$ -	\$ 750,000	\$ -

FUNDING SOURCE(S)	Prior to July 2020	2020-21	2021-22	2022-23	2023-24	2024-25	Future Years
GO Bond - Future Referendum FY 2022	\$ -	\$ -	\$ -	\$ 50,000	\$ -	\$ 750,000	\$ -
Total Funding Sources	\$ -	\$ -	\$ -	\$ 50,000	\$ -	\$ 750,000	\$ -

TOTAL PROJECT COST:**\$ 800,000**

**TOWN OF WAKE FOREST
CAPITAL IMPROVEMENTS PROGRAM
CIP UPDATE FY 2020-2025**

DEPARTMENT	PROJECT MANAGER	DEPARTMENTAL PRIORITY
Economic Development	Jason Cannon	High

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

PROJECT DESCRIPTION Identify funds for potential economic development opportunities as they arise.	<p>The diagram illustrates the Local Economic Development process. At the center is a circle labeled 'LOCAL ECONOMIC DEVELOPMENT'. Surrounding it are five interconnected circles: 'Participatory & Inclusive Process' (top), 'Takes Place Within A Defined Territory' (top-right), 'Local People Making Local Decisions About Local Issues' (bottom-right), 'Main Purpose Is To Improve Economic Well Being' (bottom-left), and 'Pursuit of Local Economic Stimulation' (top-left). Arrows connect these outer circles in a clockwise cycle.</p>
JUSTIFICATION One of the key goals in the town's strategic plan is to stimulate economic development. A 501 c (3), the Wake Forest Business & Industry Partnership, Inc., has been formed to facilitate potential deals with property owners to foster economic growth in Wake Forest. Over the next few years estimated amounts have been projected to include land acquisition costs along with infrastructure improvements.	

PROJECT ALTERNATIVES	OPERATING IMPACT/OTHER COMMENTS
Don't commit town funds and work with other parties to facilitate.	*Debt service on special obligation bonds. *As property is developed and sold accordingly, the town benefits from increased tax base in addition to revenues from possible sale.

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

CAPITAL COST BREAKDOWN	Prior to July 2020	2020-21	2021-22	2022-23	2023-24	2024-25	Future Years
Other*	\$ -	\$ -	\$ -	\$ 3,000,000	\$ 3,000,000	\$ 3,000,000	\$ 16,000,000
Total Project Costs	\$ -	\$ -	\$ -	\$ 3,000,000	\$ 3,000,000	\$ 3,000,000	\$ 16,000,000

FUNDING SOURCE(S)	Prior to July 2020	2020-21	2021-22	2022-23	2023-24	2024-25	Future Years
Special Obligation Bonds	\$ -	\$ -	\$ -	\$ 3,000,000	\$ 3,000,000	\$ 3,000,000	\$ 16,000,000
Total Funding Sources	\$ -	\$ -	\$ -	\$ 3,000,000	\$ 3,000,000	\$ 3,000,000	\$ 16,000,000

TOTAL PROJECT COST: \$ 25,000,000

**TOWN OF WAKE FOREST
CAPITAL IMPROVEMENTS PROGRAM
CIP UPDATE FY 2020-2025**

DEPARTMENT

Downtown Development

SUBMITTED BY

Lisa Hayes

DEPARTMENTAL PRIORITY

Medium

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 2020	2020-21	2021-22	2022-23	2023-24	2024-25	Future Years
Planning & Engineering	\$ -	\$ -	\$ -	\$ -	\$ 10,000	\$ -	\$ -
Construction	-	-	-	-	190,000	-	-
Total Project Costs	\$ -	\$ -	\$ -	\$ -	\$ 200,000	\$ -	\$ -

FUNDING SOURCE(S)	Prior to July 2020	2020-21	2021-22	2022-23	2023-24	2024-25	Future Years
General Fund	\$ -	\$ -	\$ -	\$ -	\$ 200,000	\$ -	\$ -
Total Funding Sources	\$ -	\$ -	\$ -	\$ -	\$ 200,000	\$ -	\$ -

TOTAL PROJECT COST:**\$ 200,000**

Capital Improvement Plan
INFORMATION TECHNOLOGY SUMMARY - BY PROJECT

PROJECT TITLE	PRIORITY TYPE	PRIOR TO JULY 2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	FUTURE YEARS	TOTALS
1 Fiber Infrastructure Project	H - 4	\$ 550,000	\$ 2,315,000	\$ 115,000	\$ 115,000	\$ 115,000	\$ 115,000	\$ -	\$ 3,325,000
2 Vehicle Addition	M - 3	-	30,000	-	-	-	-	-	30,000
3 Hardware/Software Upgrades and Enhancements	M - 3	-	-	115,000	1,965,000	70,000	70,000	-	2,220,000
4 A/V Upgrade - Meeting Rooms A and B	M - 2	-	-	100,000	-	-	-	-	100,000
5 VOIP Phone System Refresh	M - 2	-	-	-	-	-	150,000	-	150,000
TOTALS		\$ 550,000	\$ 2,345,000	\$ 330,000	\$ 2,080,000	\$ 185,000	\$ 335,000	\$ -	\$ 5,825,000

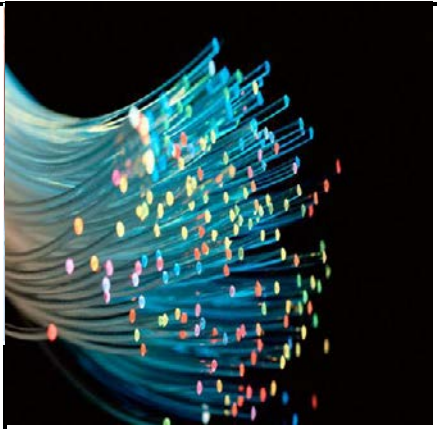
Priority definitions: H High
M Medium
L Low

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 2020-2025**

DEPARTMENT	SUBMITTED BY	DEPARTMENTAL PRIORITY
Information Technology	Tom LaBarge	High

PROJECT TITLE	TYPE OF PROJECT
<i>Fiber Infrastructure Project</i>	1 -Health/Safety/Welfare
	2 - Maintenance/Replacement
	3 - Existing Programs Expansion
	X 4 - New Program

PROJECT DESCRIPTION Interconnect Town sites with a fiber network infrastructure.	
JUSTIFICATION 1. Increased demand for higher speed connectivity. 2. Increases efficiencies and reliability for Town run systems and processes. 3. Business Continuity: Fiber infrastructure can provide redundant connectivity for physical locations. 4. Provide enhanced services to the community. 5. Enhanced security for Town sites. 6. Better position the Town for the digital age. 7. Increased opportunity for economic development. 8. Long term cost benefits compared to leasing or third party service provided solutions.	

PROJECT ALTERNATIVES	OPERATING IMPACT/OTHER COMMENTS
Rely on third party providers for service.	*Maintenance support will need to be taken into consideration during the RFI process. *Phase 1

PROJECT STATUS	Continuation - FY 2020
<i>Funds Approved to Date</i>	\$ 2,750,000
	<i>Funds Expended to Date</i>
	\$ 139,272

CAPITAL COST BREAKDOWN	Prior to July 2020	2020-21	2021-22	2022-23	2023-24	2024-25	Future Years
Purchase	\$ 250,000	\$ 115,000	\$ 115,000	\$ 115,000	\$ 115,000	\$ 115,000	-
Equipment/Construction	300,000	2,200,000	-	-	-	-	-
Contingency	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-
Total Project Costs	\$ 550,000	\$ 2,315,000	\$ 115,000	\$ 115,000	\$ 115,000	\$ 115,000	-

FUNDING SOURCE(S)	Prior to July 2020	2020-21	2021-22	2022-23	2023-24	2024-25	Future Years
General Fund	\$ -	\$ -	\$ 115,000	\$ 115,000	\$ 115,000	\$ 115,000	-
Installment Purchase Agreement	550,000	2,315,000	-	-	-	-	-
Total Funding Sources	\$ 550,000	\$ 2,315,000	\$ 115,000	\$ 115,000	\$ 115,000	\$ 115,000	-

TOTAL PROJECT COST: **\$ 3,325,000**

**TOWN OF WAKE FOREST
CAPITAL IMPROVEMENTS PROGRAM
CIP UPDATE FY 2020-2025**

DEPARTMENT

Information Technology

SUBMITTED BY

Tom LaBarge

DEPARTMENTAL PRIORITY

Medium

PROJECT TITLE*Vehicle Addition***TYPE OF PROJECT**

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

PROJECT DESCRIPTION

Mid-size SUV.

JUSTIFICATION

IT department needs a dedicated vehicle to support IT operations for the various remote locations. This will be even more critical when the fire houses around town come under the town's umbrella. With the addition of the Fire Department, the need for this vehicle is increased.

**PROJECT ALTERNATIVES**

None.

OPERATING IMPACT/OTHER COMMENTS

Annual operating impact is approximately \$1,000.

PROJECT STATUS

New Project - FY2021

*Funds Approved to Date**Funds Expended to Date*

CAPITAL COST BREAKDOWN	Prior to July 2020	2020-21	2021-22	2022-23	2023-24	2024-25	Future Years
Purchase	\$ -	\$ 30,000	\$ -	\$ -	\$ -	\$ -	\$ -
Other	-	-	-	-	-	-	-
Total Project Costs	\$ -	\$ 30,000	\$ -	\$ -	\$ -	\$ -	\$ -


FUNDING SOURCE(S)	Prior to July 2020	2020-21	2021-22	2022-23	2023-24	2024-25	Future Years
Installment Purchase	\$ -	\$ 30,000	\$ -	\$ -	\$ -	\$ -	\$ -
Total Funding Sources	\$ -	\$ 30,000	\$ -	\$ -	\$ -	\$ -	\$ -

TOTAL PROJECT COST:**\$ 30,000**

TOWN OF WAKE FOREST
CAPITAL IMPROVEMENTS PROGRAM
CIP UPDATE FY 2020-2025

DEPARTMENT	PROJECT MANAGER	DEPARTMENTAL PRIORITY
Information Technology	Tom LaBarge	Medium

PROJECT TITLE	TYPE OF PROJECT
Hardware/Software Upgrades and Enhancements	1 -Health/Safety/Welfare
	2 - Maintenance/Replacement
	X
	4 - New Program

PROJECT DESCRIPTION 1) Upgrades - purchase enhanced software modules as released to coincide with fully integrated software system. FY 21-22 - \$75,000; FY 23-24 - \$25,000; FY 24-25 - \$25,000. 2) Integrated Enterprise Software - procurement of new fully integrated enterprise software. FY 22-23 - \$1,565,000. 3) Allow for software upgrades and license fees for new officers (Annual Project). FY 21-22 - \$40,000; FY 23-24 - \$45,000; FY 24-25 - \$45,000. 4) Refresh existing Communications 911 System, OSSI System Hardware and Finger Print System. FY 22-23 - \$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 2020	2020-21	2021-22	2022-23	2023-24	2024-25	Future Years
Purchase	\$ -	\$ -	\$ 115,000	\$ 1,545,000	\$ 70,000	\$ 70,000	\$ -
Equipment	-	-	-	420,000	-	-	-
Total Project Costs	\$ -	\$ -	\$ 115,000	\$ 1,965,000	\$ 70,000	\$ 70,000	\$ -

FUNDING SOURCE(S)	Prior to July 2020	2020-21	2021-22	2022-23	2023-24	2024-25	Future Years
General Fund	\$ -	\$ -	\$ 115,000	\$ 1,645,000	\$ 70,000	\$ 70,000	\$ -
Capital Reserve	-	-	-	320,000	-	-	-
Total Funding Sources	\$ -	\$ -	\$ 115,000	\$ 1,965,000	\$ 70,000	\$ 70,000	\$ -

TOTAL PROJECT COST: \$ 2,220,000

**TOWN OF WAKE FOREST
CAPITAL IMPROVEMENTS PROGRAM
CIP UPDATE FY 2020-2025**

DEPARTMENT

Information Technology

SUBMITTED BY

Tom LaBarge

DEPARTMENTAL PRIORITY

Medium

PROJECT TITLE

Town Hall A\V Upgrade - Meeting Rooms A and B

TYPE OF PROJECT

X

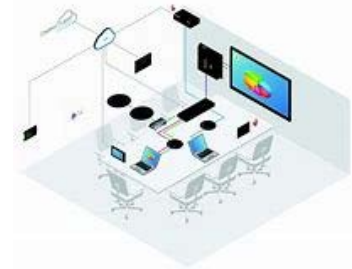
- 1 - Health/Safety/Welfare
- 2 - Maintenance/Replacement
- 3 - Existing Programs Expansion
- 4 - New Program

PROJECT DESCRIPTION

Upgrade existing audio visual equipment for ground floor meeting rooms.

JUSTIFICATION

1. Hardware will be 9+ years old.
2. Business Continuity: As the A/V equipment has aged; reliability, stability and performance have become an issue.
3. Upgraded software and hardware will increase performance along with enhanced functionality over current system.

**PROJECT ALTERNATIVES**

Continue to use existing system.

OPERATING IMPACT/OTHER COMMENTS

Annual operating impact is approximately \$300.

PROJECT STATUS

New Project - FY 2021

Funds Approved to Date

\$ -

Funds Expended to Date

\$ -

CAPITAL COST BREAKDOWN	Prior to July 2020	2020-21	2021-22	2022-23	2023-24	2024-25	Future Years
Purchase	\$ -	\$ -	\$ 100,000	\$ -	\$ -	\$ -	\$ -
Equipment	-	-	-	-	-	-	-
Total Project Costs	\$ -	\$ -	\$ 100,000	\$ -	\$ -	\$ -	\$ -

FUNDING SOURCE(S)	Prior to July 2020	2020-21	2021-22	2022-23	2023-24	2024-25	Future Years
General Fund	\$ -	\$ -	\$ 100,000	\$ -	\$ -	\$ -	\$ -
Total Funding Sources	\$ -	\$ -	\$ 100,000	\$ -	\$ -	\$ -	\$ -

TOTAL PROJECT COST:**\$ 100,000**

Capital Improvement Plan
PUBLIC FACILITIES SUMMARY - BY PROJECT

PROJECT TITLE	PRIORITY TYPE	PRIOR TO JULY 2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	FUTURE YEARS	TOTALS
1 ADA Improvements for Compliance	H - 1	\$ -	\$ 35,000	\$ 50,000	\$ 50,000	\$ 60,000	\$ 50,000	\$ 150,000	395,000
2 Vehicle Additions	M - 3	-	70,000	-	-	-	-	-	70,000
3 Generator - 317 Brooks Street	M - 3	-	35,000	-	-	-	-	-	35,000
4 Public Works Operation Center	M - 2	200,000	-	175,000	35,000	400,000	100,000	15,200,000	\$ 16,110,000
5 Evidence Room at Main Police Station	M - 3	-	-	15,200	298,000	-	-	-	313,200
6 Board Chambers/AV Camera System	M - 2	113,200	-	47,000	65,500	-	-	65,000	290,700
7 Flaherty Community Center Office	M - 3	-	-	-	-	-	25,300	226,200	251,500
8 New Police Station	M - 3	-	-	-	-	-	-	22,977,500	22,977,500
9 Parks and Recreation Maintenance Building #2	M - 3	-	-	-	-	-	-	479,400	479,400
TOTALS		\$ 313,200	\$ 140,000	\$ 287,200	\$ 448,500	\$ 460,000	\$ 175,300	\$ 39,098,100	\$ 40,922,300

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

**TOWN OF WAKE FOREST
CAPITAL IMPROVEMENTS PROGRAM
CIP UPDATE FY 2020-2025**

DEPARTMENT

Public Facilities

PROJECT MANAGER

Mickey Rochelle

DEPARTMENTAL PRIORITY

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. Public Rights of Ways and remainder of buildings will be added to the CIP in FY 2020-2021. The amounts reflected in FY 20-25 are currently included in the 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 2020	2020-21	2021-22	2022-23	2023-24	2024-25	Future Years
Construction	\$ -	\$ 35,000	\$ 50,000	\$ 50,000	\$ 60,000	\$ 50,000	\$ 150,000
Contingency	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-
Total Project Costs	\$ -	\$ 35,000	\$ 50,000	\$ 50,000	\$ 60,000	\$ 50,000	\$ 150,000

FUNDING SOURCE(S)	Prior to July 2020	2020-21	2021-22	2022-23	2023-24	2024-25	Future Years
General Fund	\$ -	\$ 35,000	\$ 50,000	\$ 50,000	\$ 60,000	\$ 50,000	\$ 150,000
Total Funding Sources	\$ -	\$ 35,000	\$ 50,000	\$ 50,000	\$ 60,000	\$ 50,000	\$ 150,000

TOTAL PROJECT COST:**\$ 395,000**

**TOWN OF WAKE FOREST
CAPITAL IMPROVEMENTS PROGRAM
CIP UPDATE FY 2020-2025**

DEPARTMENT

Public Facilities

PROJECT MANAGER

Mickey Rochelle

DEPARTMENTAL PRIORITY

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

Purchase SUV and a Service Truck (FY 2021)

JUSTIFICATION

This request is to add a vehicle for the Public Facilities Director. He is currently using a truck that was replaced by the Police Department. An SUV would allow the department to travel as a group as needed. In addition, this would allow plans to be transported to construction sites, remain dry and without damage. A basic set of tools would also remain in the vehicle for use by the manager. These tools would be used to make repairs when remaining staff are working on other assignments.

In order for the department to keep up with the growth and demand of the town, the director anticipates making a request for an additional staff member in FY 2020-21 due to the addition of the 5 Fire Stations. If approved, a service truck will be needed. The additional position is being requested to help focus on additional maintenance for the 5 Fire Stations: Joyner Community Center, Renovated Senior Center, and Wake Forest Power.

**PROJECT ALTERNATIVES**

Continue use of town shared vehicle or using the old truck from the Police Department. Repair and maintenance cost have begun to increase on the truck from the Police Department.

OPERATING IMPACT/OTHER COMMENTS

This will allow all staff members access to a vehicle to complete their various work assignments. Annual maintenance and fuel cost approximately \$1,500 per vehicle.

PROJECT STATUS

Continuation - FY 2019

Funds Approved to Date

\$ -

Funds Expended to Date

\$ -

CAPITAL COST BREAKDOWN	Prior to July 2020	2020-21	2021-22	2022-23	2023-24	2024-25	Future Years
Purchase	\$ -	\$ 70,000	\$ -	\$ -	\$ -	\$ -	\$ -
Other	-	-	-	-	-	-	-
Total Project Costs	\$ -	\$ 70,000	\$ -	\$ -	\$ -	\$ -	\$ -

FUNDING SOURCE(S)	Prior to July 2020	2020-21	2021-22	2022-23	2023-24	2024-25	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 2020-2025**

DEPARTMENT

Public Facilities

PROJECT MANAGER

Mickey Rochelle

DEPARTMENTAL PRIORITY

Medium

PROJECT TITLE*Emergency Stationary Standby Generator-317 Brooks St.***TYPE OF PROJECT**

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

PURPOSE

Install a generator at the Public Facilities Building for events that require staff to stay overnight and there is a chance of losing power.

JUSTIFICATION

When the Facilities building was renovated a full kitchen, shower, locker room, conference room, and air mattress was put in place for emergencies that require employees to stay overnight. The building has room for facilities staff as well as others to stay if needed and has been used by the Electric Department as well as Parks and Recreation Maintenance Staff but if power is lost the building is useless in emergencies. During the last hurricane event a temporary generator was brought in on the day prior to the storm arriving.

**PROJECT ALTERNATIVES**

Continue using the building under normal circumstances and use portable generator for emergencies if available. Rent hotel rooms for staff.

OPERATING IMPACT/OTHER COMMENTS

Generator can be used for load management. Employees will have a building to stay in during events requiring them to stay on site. Other departments can also use the building as needed and reduce hotel rooms being rented.

PROJECT STATUS

Continuation - FY 2020

Funds Approved to Date

\$ -

Funds Expended to Date

\$ -

CAPITAL COST BREAKDOWN	Prior to July 2020	2020-21	2021-22	2022-23	2023-24	2024-25	Future Years
Equipment	\$ -	\$ 35,000	\$ -	\$ -	\$ -	\$ -	\$ -
Contingency	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-
Total Project Costs	\$ -	\$ 35,000	\$ -	\$ -	\$ -	\$ -	\$ -

FUNDING SOURCE(S)	Prior to July 2020	2020-21	2021-22	2022-23	2023-24	2024-25	Future Years
General Fund	\$ -	\$ 35,000	\$ -	\$ -	\$ -	\$ -	\$ -
Total Funding Sources	\$ -	\$ 35,000	\$ -	\$ -	\$ -	\$ -	\$ -

TOTAL PROJECT COST:**\$ 35,000**

**TOWN OF WAKE FOREST
CAPITAL IMPROVEMENTS PROGRAM
CIP UPDATE FY 2020-2025**

DEPARTMENT

Public Facilities

SUBMITTED BY

Mickey Rochelle

DEPARTMENTAL PRIORITY

Medium

PROJECT TITLE*Public Works Operations Center (Renovation/Upgrade)***TYPE OF PROJECT**

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

PROJECT DESCRIPTION

Renovation/Upgrade - PW Operations Center

JUSTIFICATION

The town completed a feasibility study for the Operations Center expansion/relocation a few years ago. In 2018, the town purchased 5031 Unicon Drive to relocate the Electric Division, which includes 26 staff, vehicles and equipment along with essential inventory items. Request includes funding for renovating existing facility to accommodate growth in Public Works staff (Streets, Engineering, Environmental Services and PWA). Space analysis to be completed to determine the most efficient use of facility.

**PROJECT ALTERNATIVES**

N/A.

OPERATING IMPACT/OTHER COMMENTS

Approximately \$90,000 for additional utilities and maintenance along with security and cleaning. Cost will vary depending on usage of buildings.

PROJECT STATUS

Continuation - FY 2014

Funds Approved to Date

\$ 200,000

Funds Expended to Date

\$ 49,700

CAPITAL COST BREAKDOWN	Prior to July 2020	2020-21	2021-22	2022-23	2023-24	2024-25	Future Years
Planning & Engineering	\$ 200,000	\$ -	\$ 25,000	\$ 35,000	\$ -	\$ -	\$ 200,000
Purchase	-	-	-	-	-	-	-
Construction	-	-	150,000	-	400,000	100,000	15,000,000
Equipment	-	-	-	-	-	-	-
Contingency	-	-	-	-	-	-	-
Other- PAC	-	-	-	-	-	-	-
Total Project Costs	\$ 200,000	\$ -	\$ 175,000	\$ 35,000	\$ 400,000	\$ 100,000	\$ 15,200,000

FUNDING SOURCE(S)	Prior to July 2020	2020-21	2021-22	2022-23	2023-24	2024-25	Future Years
General Fund	\$ 200,000	-	\$ 175,000	\$ 35,000	\$ 400,000	\$ 100,000	\$ -
GO Bonds	-	-	-	-	-	-	-
Grants	-	-	-	-	-	-	-
Electric Fund	-	-	-	-	-	-	-
Installment Purchase	-	-	-	-	-	-	15,200,000
Total Funding Sources	\$ 200,000	\$ -	\$ 175,000	\$ 35,000	\$ 400,000	\$ 100,000	\$ 15,200,000

TOTAL PROJECT COST:**\$ 16,110,000**

**TOWN OF WAKE FOREST
CAPITAL IMPROVEMENTS PROGRAM
CIP UPDATE FY 2020-2025**

DEPARTMENT

Public Facilities

PROJECT MANAGER

Mickey Rochelle

DEPARTMENTAL PRIORITY

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 2020	2020-21	2021-22	2022-23	2023-24	2024-25	Future Years
Planning & Engineering	\$ -	\$ -	\$ 15,000	\$ -	\$ -	\$ -	\$ -
Construction	-	-	-	250,000	-	-	-
Equipment	-	-	-	25,000	-	-	-
Contingency	-	-	-	20,000	-	-	-
Other	-	-	200	3,000	-	-	-
Total Project Costs	\$ -	\$ -	\$ 15,200	\$ 298,000	\$ -	\$ -	\$ -

FUNDING SOURCE(S)	Prior to July 2020	2020-21	2021-22	2022-23	2023-24	2024-25	Future Years
General Fund	\$ -	\$ -	\$ 15,200	\$ 298,000	\$ -	\$ -	\$ -
Total Funding Sources	\$ -	\$ -	\$ 15,200	\$ 298,000	\$ -	\$ -	\$ -

TOTAL PROJECT COST:**\$ 313,200**

**TOWN OF WAKE FOREST
CAPITAL IMPROVEMENTS PROGRAM
CIP UPDATE FY 2020-2025**

DEPARTMENT	PROJECT MANAGER	DEPARTMENTAL PRIORITY
Public Facilities	Mickey Rochelle	Medium

PROJECT TITLE	TYPE OF PROJECT								
Board Chambers - AV/Camera System	<table> <tr><td></td><td>1 - Health/Safety/Welfare</td></tr> <tr><td>X</td><td>2 - Maintenance/Replacement</td></tr> <tr><td></td><td>3 - Existing Programs Expansion</td></tr> <tr><td></td><td>4 - New Program</td></tr> </table>		1 - Health/Safety/Welfare	X	2 - Maintenance/Replacement		3 - Existing Programs Expansion		4 - New Program
	1 - Health/Safety/Welfare								
X	2 - Maintenance/Replacement								
	3 - Existing Programs Expansion								
	4 - New Program								

PROJECT DESCRIPTION

Update existing audio visual, camera and sound system in the Board chambers for televising meetings.

JUSTIFICATION

Existing system is over nine (9) years old. Some of the components were actually brought over from the old town hall and incorporated. Three cameras have gone down and have been replaced in current fiscal year. Phase I of the upgrade was completed in FY 2018-2019.

**PROJECT ALTERNATIVES**

None - due to the age of the current system and recent issues, we run the risk of being unable to televise Board meetings.

OPERATING IMPACT/OTHER COMMENTS

Extended service maintenance.

FY 2020: Microphones/Server/amplifier

FY 2021: HD Video Server/Digital Video Recorder

Future Years - replacement/upgrades as needed

PROJECT STATUS

Continuation - FY 2019

Funds Approved to Date

\$ 113,200

Funds Expended to Date

\$ 23,374

CAPITAL COST BREAKDOWN	Prior to July 2020	2020-21	2021-22	2022-23	2023-24	2024-25	Future Years
Equipment	\$ 113,200	\$ -	\$ 31,500	\$ 52,000	\$ -	\$ -	\$ 50,000
Other (Installation)	-	-	15,500	13,500	-	-	15,000
Total Project Costs	\$ 113,200	\$ -	\$ 47,000	\$ 65,500	\$ -	\$ -	\$ 65,000

FUNDING SOURCE(S)	Prior to July 2020	2020-21	2021-22	2022-23	2023-24	2024-25	Future Years
General Fund	\$ 113,200	\$ -	\$ 47,000	\$ 65,500	\$ -	\$ -	\$ 65,000
Total Funding Sources	\$ 113,200	\$ -	\$ 47,000	\$ 65,500	\$ -	\$ -	\$ 65,000

TOTAL PROJECT COST:**\$ 290,700**

**TOWN OF WAKE FOREST
CAPITAL IMPROVEMENTS PROGRAM
CIP UPDATE FY 2020-2025**

DEPARTMENT

Public Facilities

PROJECT MANAGER

Mickey Rochelle

DEPARTMENTAL PRIORITY

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 2020	2020-21	2021-22	2022-23	2023-24	2024-25	Future Years
Planning & Engineering	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 25,000	\$ -
Construction	-	-	-	-	-	-	200,000
Equipment	-	-	-	-	-	-	4,000
Contingency	-	-	-	-	-	-	20,000
Other	-	-	-	-	-	300	2,200
Total Project Costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 25,300	\$ 226,200

FUNDING SOURCE(S)	Prior to July 2020	2020-21	2021-22	2022-23	2023-24	2024-25	Future Years
General Fund	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 25,300	\$ 226,200
Total Funding Sources	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 25,300	\$ 226,200

TOTAL PROJECT COST:**\$ 251,500**

**TOWN OF WAKE FOREST
CAPITAL IMPROVEMENTS PROGRAM
CIP UPDATE FY 2020-2025**

DEPARTMENT

Public Facilities

PROJECT MANAGER

Mickey Rochelle

DEPARTMENTAL PRIORITY

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 2020	2020-21	2021-22	2022-23	2023-24	2024-25	Future Years
Planning & Engineering	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,750,000
Purchase	-	-	-	-	-	-	1,200,000
Construction	-	-	-	-	-	-	18,000,000
Contingency	-	-	-	-	-	-	1,800,000
Other	-	-	-	-	-	-	227,500
Total Project Costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 22,977,500

FUNDING SOURCE(S)	Prior to July 2020	2020-21	2021-22	2022-23	2023-24	2024-25	Future Years
General Fund	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 227,500
Installment Purchase	-	-	-	-	-	-	22,750,000
Total Funding Sources	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 22,977,500

TOTAL PROJECT COST:**\$ 22,977,500**

**TOWN OF WAKE FOREST
CAPITAL IMPROVEMENTS PROGRAM
CIP UPDATE FY 2020-2025**

DEPARTMENT

Public Facilities

PROJECT MANAGER

Mickey Rochelle

DEPARTMENTAL PRIORITY

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**

Continue working from existing location.

OPERATING IMPACT/OTHER COMMENTS

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 2020	2020-21	2021-22	2022-23	2023-24	2024-25	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 2020	2020-21	2021-22	2022-23	2023-24	2024-25	Future Years
GO Bonds - FY 2024 Referendum	-	-	-	-	-	-	479,400
Total Funding Sources	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 479,400

TOTAL PROJECT COST:**\$ 479,400**

Capital Improvement Plan
PUBLIC SAFETY SUMMARY - BY PROJECT

PROJECT TITLE	PRIORITY TYPE	PRIOR TO JULY 2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	FUTURE YEARS	TOTALS
1 Mini-CALIBER® Tactical Robot	M - 2	\$ -	\$ 50,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 50,000
2 Patrol Vehicles Additional	M - 3	-	-	390,000	-	400,000	-	-	790,000
3 Communications Radio Console & Channel Digital Recorder Replacement	H - 2	-	-	350,000	150,000	-	-	-	500,000
4 Mobile Command Vehicle	M - 4	-	-	-	325,000	-	-	-	325,000
5 Back-up Communications Center	H - 3	-	-	-	-	-	-	600,000	600,000
TOTALS		\$ -	\$ 50,000	\$ 740,000	\$ 475,000	\$ 400,000	\$ -	\$ 600,000	\$ 2,265,000

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 2020-2025**

DEPARTMENT

Public Safety

SUBMITTED BY

Jeffrey M. Leonard

DEPARTMENTAL PRIORITY

Medium

PROJECT TITLE*Mini-CALIBER® Tactical Robot***TYPE OF PROJECT**

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

PROJECT DESCRIPTION

This is a remote controlled robot to be used by TSU during critical incidents such as barricaded subjects and hostage situations.

JUSTIFICATION

This will replace the current robot that is no longer functioning. The current one we own has been used successfully on tactical incidents including a barricaded subject who was taken into custody without incident as a direct result of the use of the robot.

**PROJECT ALTERNATIVES**

Continue operation without a robot and use another agency's robot, if available.

OPERATING IMPACT/OTHER COMMENTS

Increased officer safety on high risk, critical incidents.
Faster resolution to critical incidents.
Multi-use ability depending on the incident.

PROJECT STATUS

New Project - FY 2021

Funds Approved to Date

\$ -

Funds Expended to Date

\$ -

CAPITAL COST BREAKDOWN	Prior to July 2020	2020-21	2021-22	2022-23	2023-24	2024-25	Future Years
Planning & Engineering	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Purchase	-	50,000	-	-	-	-	-
Construction	-	-	-	-	-	-	-
Equipment	-	-	-	-	-	-	-
Contingency	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-
Total Project Costs	\$ -	\$ 50,000	\$ -	\$ -	\$ -	\$ -	\$ -

FUNDING SOURCE(S)	Prior to July 2020	2020-21	2021-22	2022-23	2023-24	2024-25	Future Years
General Fund	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Grants	-	-	-	-	-	-	-
Special	-	-	-	-	-	-	-
Special Revenue Fund	-	50,000	-	-	-	-	-
	-	-	-	-	-	-	-
Total Funding Sources	\$ -	\$ 50,000	\$ -	\$ -	\$ -	\$ -	\$ -

TOTAL PROJECT COST:**\$ 50,000**

**TOWN OF WAKE FOREST
CAPITAL IMPROVEMENTS PROGRAM
CIP UPDATE FY 2020-2025**

DEPARTMENT	PROJECT MANAGER	DEPARTMENTAL PRIORITY
Public Safety	Jeffrey M. Leonard	Medium

PROJECT TITLE	TYPE OF PROJECT								
Patrol Vehicles Additional	<table> <tr><td></td><td>1 - Health/Safety/Welfare</td></tr> <tr><td></td><td>2 - Maintenance/Replacement</td></tr> <tr><td>X</td><td>3 - Existing Programs Expansion</td></tr> <tr><td></td><td>4 - New Program</td></tr> </table>		1 - Health/Safety/Welfare		2 - Maintenance/Replacement	X	3 - Existing Programs Expansion		4 - New Program
	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

Funds Approved to Date

Annual Project
\$ -

Funds Expended to Date

\$ -

CAPITAL COST BREAKDOWN	Prior to July 2020	2020-21	2021-22	2022-23	2023-24	2024-25	Future Years
Purchase	\$ -	\$ -	\$ 390,000	\$ -	\$ 400,000	\$ -	\$ -
Equipment	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-
Total Project Costs	\$ -	\$ -	\$ 390,000	\$ -	\$ 400,000	\$ -	\$ -

FUNDING SOURCE(S)	Prior to July 2020	2020-21	2021-22	2022-23	2023-24	2024-25	Future Years
Installment Purchase	\$ -	\$ -	\$ 390,000	\$ -	\$ 400,000	\$ -	\$ -
	-	-	-	-	-	-	-
Total Funding Sources	\$ -	\$ -	\$ 390,000	\$ -	\$ 400,000	\$ -	\$ -

TOTAL PROJECT COST:

\$ 790,000

**TOWN OF WAKE FOREST
CAPITAL IMPROVEMENTS PROGRAM
CIP UPDATE FY 2020-2025**

DEPARTMENT

Public Safety

SUBMITTED BY

Jeffrey M. Leonard

DEPARTMENTAL PRIORITY

High

PROJECT TITLE

*Communications Radio Console & Channel Digital
Recorder Replacement*

TYPE OF PROJECT

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

PROJECT DESCRIPTION

- 1) Replace four radio consoles in the Communications Center - FY 21-22 - \$350,000.
2) Communication Center upgrade to allow recording and tracking of phone calls and radio traffic - FY 22-23 - \$150,000.

JUSTIFICATION

- 1) The current radio consoles are nearing their end of life cycle and will need to be replaced due to replacement parts being no longer available in the event they break or malfunction. This is to maintain an up to date recording system.
- 2) The current system was replaced in the 2017-2018 budget and we are planning for a replacement based on age and technology advancements. As time gets closer we may be able to get a year or two longer out of the system but will be evaluated then.

**PROJECT ALTERNATIVES**

- 1) WFPD would have to transition to another communications center if it does not have operational radio consoles that could be repaired should they break or malfunction.
- 2) The current system was replaced in 2017-2018 budget year and we need to plan for a replacement in approximately 5 years to stay up to date.

OPERATING IMPACT/OTHER COMMENTS

- 1) The consoles are crucial in providing communication services to the public who contact the police department and to maintain communication with officers in the field.
- 2) This could cause negative effects on the department, Town and its citizens by not recording important information. It could also delay providing assistance to citizens, other agencies and media outlets with public record information.

PROJECT STATUS

New Project - FY 2021

Funds Approved to Date

\$ -

Funds Expended to Date

\$ -

CAPITAL COST BREAKDOWN	Prior to July 2020	2020-21	2021-22	2022-23	2023-24	2024-25	Future Years
Purchase	\$ -	\$ -	\$ 350,000	\$ 150,000	\$ -	\$ -	\$ -
Equipment	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-
Total Project Costs	\$ -	\$ -	\$ 350,000	\$ 150,000	\$ -	\$ -	\$ -

FUNDING SOURCE(S)	Prior to July 2020	2020-21	2021-22	2022-23	2023-24	2024-25	Future Years
General Fund	\$ -		\$ 350,000	\$ 150,000	\$ -	\$ -	
Grants	-	-	-	-	-	-	-
	-	-	-	-	-	-	-
	-	-	-	-	-	-	-
Total Funding Sources	\$ -	\$ -	\$ 350,000	\$ 150,000	\$ -	\$ -	\$ -

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

**TOWN OF WAKE FOREST
CAPITAL IMPROVEMENTS PROGRAM
CIP UPDATE FY 2020-2025**

DEPARTMENT	PROJECT MANAGER	DEPARTMENTAL PRIORITY
Public Safety	Jeffrey M. Leonard	Medium

PROJECT TITLE	TYPE OF PROJECT								
Mobile Command Vehicle	<table> <tr> <td></td><td>1 - Health/Safety/Welfare</td></tr> <tr> <td></td><td>2 - Maintenance/Replacement</td></tr> <tr> <td></td><td>3 - Existing Programs Expansion</td></tr> <tr> <td>X</td><td>4 - New Program</td></tr> </table>		1 - Health/Safety/Welfare		2 - Maintenance/Replacement		3 - Existing Programs Expansion	X	4 - New Program
	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

N/A

PROJECT STATUS

Continuation - FY 2017

Funds Approved to Date

\$ -

Funds Expended to Date

\$ -

CAPITAL COST BREAKDOWN	Prior to July 2020	2020-21	2021-22	2022-23	2023-24	2024-25	Future Years
Purchase	\$ -	\$ -	\$ -	\$ 325,000	\$ -	\$ -	\$ -
Other	-	-	-	-	-	-	-
Total Project Costs	\$ -	\$ -	\$ -	\$ 325,000	\$ -	\$ -	\$ -

FUNDING SOURCE(S)	Prior to July 2020	2020-21	2021-22	2022-23	2023-24	2024-25	Future Years
Installment Purchase	\$ -	\$ -	\$ -	\$ 325,000	\$ -	\$ -	\$ -
	-	-	-	-	-	-	-
Total Funding Sources	\$ -	\$ -	\$ -	\$ 325,000	\$ -	\$ -	\$ -

TOTAL PROJECT COST:

\$ 325,000

**TOWN OF WAKE FOREST
CAPITAL IMPROVEMENTS PROGRAM
CIP UPDATE FY 2020-2025**

DEPARTMENT	PROJECT MANAGER	DEPARTMENTAL PRIORITY
Public Safety	Jeffrey M. Leonard	High

PROJECT TITLE	TYPE OF PROJECT								
Back-up Communications Center	<table border="1"> <tr><td></td><td>1 -Health/Safety/Welfare</td></tr> <tr><td></td><td>2 - Maintenance/Replacement</td></tr> <tr><td>X</td><td>3 - Existing Programs Expansion</td></tr> <tr><td></td><td>4 - New Program</td></tr> </table>		1 -Health/Safety/Welfare		2 - Maintenance/Replacement	X	3 - Existing Programs Expansion		4 - New Program
	1 -Health/Safety/Welfare								
	2 - Maintenance/Replacement								
X	3 - Existing Programs Expansion								
	4 - New Program								

PROJECT DESCRIPTION

Provide a Back-up Communications Center in case the current one becomes inoperable or unsafe.

JUSTIFICATION

To ensure the continuity of services, a back-up plan is needed in the event the current communications center were to be shut down, temporarily or permanently. There have been cases when the operations of communications should have been evacuated for safety reasons, but we had to continue running it because we had no where to move the operations. Reasons for a back-up plan can be: man made problems, power outages, natural disasters or in major incidents it provides the Town with more capacity. With the increasing size of the Police Department we can not afford to take the risk of losing communications. This request includes radio system, furniture, software and installation. The center will also include an emergency operations room.

**PROJECT ALTERNATIVES**

- 1) Rely on the City of Raleigh to provide back up services.
- 2) Fund a command vehicle, including the equipment, to make this a temporary solution. It would not be ideal for long term but could easily be made to work as a short term solution.
- 3) Build or purchase new place for PD and put this inside the new PD or build a new center and keep the current one as the back up.

OPERATING IMPACT/OTHER COMMENTS

- * Can be housed in a new building at the Operations Center since this already has a fiber connection and IT is looking to expand there. This would require two rooms with one being a small storage area for equipment.
- * This does not include any building costs. This would be covered with any expansion to the operations center.

PROJECT STATUS

Continuation - FY 2014

Funds Approved to Date

\$ -

Funds Expended to Date

\$ -

CAPITAL COST BREAKDOWN	Prior to July 2020	2020-21	2021-22	2022-23	2023-24	2024-25	Future Years
Purchase	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 600,000
Other	-	-	-	-	-	-	-
Total Project Costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 600,000

FUNDING SOURCE(S)	Prior to July 2020	2020-21	2021-22	2022-23	2023-24	2024-25	Future Years
General Fund	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 600,000
Asset Forfeiture Funds*	-	-	-	-	-	-	-
Total Funding Sources	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 600,000

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

Capital Improvement Plan
FIRE DEPARTMENT SUMMARY - BY PROJECT

PROJECT TITLE	PRIORITY TYPE	PRIOR TO JULY 2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	FUTURE YEARS	TOTALS
1 Fire Apparatus Addition - Tractor Drawn Aerial	H-3	\$ -	\$ 1,400,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,400,000
2 Fire Apparatus Replacement	M-2	-	70,000	-	650,000	595,000	610,000	-	1,925,000
3 Fire Equipment Replacement	M-2	-	50,000	50,000	50,000	50,000	50,000	-	250,000
4 Portable & Mobile Radios Replacement	M-2	-	80,000	85,000	85,000	100,000	-	-	350,000
5 Fire Logistics Facility	M-3	-	-	-	-	-	-	800,000	800,000
6 Fire Station #6 Construction and Apparatus	H-3	-	-	-	-	-	-	4,200,000	4,200,000
TOTALS		\$ -	\$ 1,600,000	\$ 135,000	\$ 785,000	\$ 745,000	\$ 660,000	\$ 5,000,000	\$ 8,925,000

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 2020-2025**

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

PROJECT TITLE	TYPE OF PROJECT
<i>Fire Apparatus Addition - Tractor Drawn Aerial</i>	1 -Health/Safety/Welfare
	2 - Maintenance/Replacement
	3 - Existing Programs Expansion
	4 - New Program

PROJECT DESCRIPTION Tractor Drawn Aerial Apparatus JUSTIFICATION Purchase of an additional Tractor Drawn Aerial Apparatus will fulfill the expansion of a second aerial company for WFFD. Adding a second aerial company will accommodate the call volume and demands with the density and workload of Wake Forest. Apparatus is on order and will be completed/delivered on or around November 2020.	
--	---

PROJECT ALTERNATIVES	OPERATING IMPACT/OTHER COMMENTS
N/A.	Annual operating maintenance and fuel usage will increase due to the addition of this apparatus.

PROJECT STATUS	New Project - FY 2021
Funds Approved to Date	\$ -
Funds Expended to Date	\$ -

CAPITAL COST BREAKDOWN	Prior to July 2020	2020-21	2021-22	2022-23	2023-24	2024-25	Future Years
Purchase	\$ -	\$ 1,400,000	\$ -	\$ -	\$ -	\$ -	\$ -
Equipment	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-
Total Project Costs	\$ -	\$ 1,400,000	\$ -	\$ -	\$ -	\$ -	\$ -

FUNDING SOURCE(S)	Prior to July 2020	2020-21	2021-22	2022-23	2023-24	2024-25	Future Years
General Fund	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Installment Purchase	-	1,400,000	-	-	-	-	-
Fire Impact Fees	-	-	-	-	-	-	-
Grants	-	-	-	-	-	-	-
Total Funding Sources	\$ -	\$ 1,400,000	\$ -	\$ -	\$ -	\$ -	\$ -

TOTAL PROJECT COST: **\$ 1,400,000**

**TOWN OF WAKE FOREST
CAPITAL IMPROVEMENTS PROGRAM
CIP UPDATE FY 2020-2025**

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

PROJECT TITLE	TYPE OF PROJECT								
<i>Fire Apparatus Replacement</i>	<table> <tr><td></td><td>1 - Health/Safety/Welfare</td></tr> <tr><td>X</td><td>2 - Maintenance/Replacement</td></tr> <tr><td></td><td>3 - Existing Programs Expansion</td></tr> <tr><td></td><td>4 - New Program</td></tr> </table>		1 - Health/Safety/Welfare	X	2 - Maintenance/Replacement		3 - Existing Programs Expansion		4 - New Program
	1 - Health/Safety/Welfare								
X	2 - Maintenance/Replacement								
	3 - Existing Programs Expansion								
	4 - New Program								

PROJECT DESCRIPTION

The Wake Forest Fire Department (WFFD) has five front-line engines and one aerial apparatus that are staffed daily along with two reserve engines and one reserve aerial in its current fleet inventory. The average age of the fleet is 15.33 years which is beyond the recommended NFPA standard for emergency apparatus. Two of those front line engines are Pierce Contenders which should be replaced around the twelve year mark in which they have both exceeded.

JUSTIFICATION

Multiple apparatus are not currently meeting NFPA standards in regards to rear body chevron and apparatus equipment. As a result of the department's fleet age and quality, maintenance costs will continue to rise and out-of-service times will be extended even more. The addition of three engines over the next five years will reduce the average age of the fleet by 6.3 years; therefore, producing reduced maintenance costs and shorter out-of-service times.

PRIORITIES

FY 20-21 - 2 Admin Vehicles - \$70,000

FY 22-23 - 2 Admin Vehicles, 1 Fire Engine - \$ 650,000

FY 23-24 - 1 Fire Engine - \$ 595,000

FY 24-25 - 1 Fire Engine - \$ 610,000

**PROJECT ALTERNATIVES**

N/A.

OPERATING IMPACT/OTHER COMMENTS

By not replacing the fire apparatus, the WFFD would not meet the NFPA standards to operate effectively. Some of these vehicles will be cost shared with Wake County. These replacements were recommended in the feasibility study completed by EnviroSafe.

PROJECT STATUS

New Project - FY 2021

Funds Approved to Date

\$ -

Funds Expended to Date

\$ -

CAPITAL COST BREAKDOWN	Prior to July 2020	2020-21	2021-22	2022-23	2023-24	2024-25	Future Years
Purchase	\$ -	\$ 70,000	\$ -	\$ 650,000	\$ 595,000	\$ 610,000	\$ -
Equipment	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-
Total Project Costs	\$ -	\$ 70,000	\$ -	\$ 650,000	\$ 595,000	\$ 610,000	\$ -

FUNDING SOURCE(S)	Prior to July 2020	2020-21	2021-22	2022-23	2023-24	2024-25	Future Years
General Fund	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Installment Purchase	-	70,000	-	650,000	595,000	610,000	-
Fire Impact Fees	-	-	-	-	-	-	-
Grants	-	-	-	-	-	-	-
Total Funding Sources	\$ -	\$ 70,000	\$ -	\$ 650,000	\$ 595,000	\$ 610,000	\$ -

TOTAL PROJECT COST:

\$ 1,925,000

**TOWN OF WAKE FOREST
CAPITAL IMPROVEMENTS PROGRAM
CIP UPDATE FY 2020-2025**

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

PROJECT TITLE	TYPE OF PROJECT								
Fire Equipment Replacement	<table> <tr><td></td><td>1 - Health/Safety/Welfare</td></tr> <tr><td>X</td><td>2 - Maintenance/Replacement</td></tr> <tr><td></td><td>3 - Existing Programs Expansion</td></tr> <tr><td></td><td>4 - New Program</td></tr> </table>		1 - Health/Safety/Welfare	X	2 - Maintenance/Replacement		3 - Existing Programs Expansion		4 - New Program
	1 - Health/Safety/Welfare								
X	2 - Maintenance/Replacement								
	3 - Existing Programs Expansion								
	4 - New Program								

PROJECT DESCRIPTION

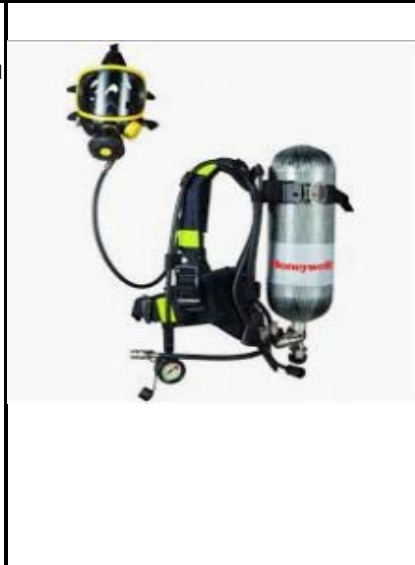
A review was completed of all WFFD equipment by EnviroSafe Equipment. As indicated, some apparatus were lacking ground ladders and most reserves had no self-contained breathing apparatus (SCBA) and very few tools. SCBA inspections found some wear and tear on harness assemblies due to age.

JUSTIFICATION

EnviroSafe's findings showed that twenty-eight (28) SCBA air packs were purchased by WFFD in 2000 for \$80,000 and again with a Federal grant in 2011 for approximately \$130,000. Depending on the number of air packs departments usually try to purchase SCBA in phases every three (3) to five (5) years but some smaller departments are able to purchase all units at one time. WFFD will continue to replace the air packs on the following schedule:

PRIORITIES

FY 20-21 - 7 Units - \$50,000
FY 21-22 - 7 Units - \$50,000
FY 22-23 - 7 Units - \$50,000
FY 23-24 - 7 Units - \$50,000
FY 24-25 - 7 Units - \$50,000



PROJECT ALTERNATIVES	OPERATING IMPACT/OTHER COMMENTS
N/A.	Some of these units will be cost shared with Wake County. This equipment was recommended in the fire feasibility study by EnviroSafe.

PROJECT STATUS	New Project - FY 2021
Funds Approved to Date	\$ -
Funds Expended to Date	\$ -

CAPITAL COST BREAKDOWN	Prior to July 2020	2020-21	2021-22	2022-23	2023-24	2024-25	Future Years
Purchase	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Equipment	-	50,000	50,000	50,000	50,000	50,000	-
Other	-	-	-	-	-	-	-
Total Project Costs	\$ -	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ -

FUNDING SOURCE(S)	Prior to July 2020	2020-21	2021-22	2022-23	2023-24	2024-25	Future Years
General Fund	\$ -	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ -
Installment Purchase	-	-	-	-	-	-	-
Fire Impact Fees	-	-	-	-	-	-	-
Grants	-	-	-	-	-	-	-
Total Funding Sources	\$ -	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ -

TOTAL PROJECT COST: **\$ 250,000**

**TOWN OF WAKE FOREST
CAPITAL IMPROVEMENTS PROGRAM
CIP UPDATE FY 2020-2025**

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

PROJECT TITLE	TYPE OF PROJECT								
Mobile & Portable Radios Replacement	<table> <tr> <td></td><td>1 - Health/Safety/Welfare</td></tr> <tr> <td>X</td><td>2 - Maintenance/Replacement</td></tr> <tr> <td></td><td>3 - Existing Programs Expansion</td></tr> <tr> <td></td><td>4 - New Program</td></tr> </table>		1 - Health/Safety/Welfare	X	2 - Maintenance/Replacement		3 - Existing Programs Expansion		4 - New Program
	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 20-21 - (7 Portable & 4 Mobile) - \$80,000
FY 21-22 - (7 Portable & 4 Mobile) - \$85,000
FY 22-23 - (7 Portable & 4 Mobile) - \$85,000
FY 23-24 - (9 Portable & 4 Mobile) - \$100,000

PROJECT ALTERNATIVES

N/A.

OPERATING IMPACT/OTHER COMMENTS

If these radios are not purchased, WFFD will no longer have communications.

PROJECT STATUS

New Project - FY 2021

Funds Approved to Date

\$ -

Funds Expended to Date

\$ -

CAPITAL COST BREAKDOWN	Prior to July 2020	2020-21	2021-22	2022-23	2023-24	2024-25	Future Years
Purchase	\$ -	\$ 80,000	\$ 85,000	\$ 85,000	\$ 100,000	\$ -	\$ -
Equipment	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-
Total Project Costs	\$ -	\$ 80,000	\$ 85,000	\$ 85,000	\$ 100,000	\$ -	\$ -

FUNDING SOURCE(S)	Prior to July 2020	2020-21	2021-22	2022-23	2023-24	2024-25	Future Years
General Fund	\$ -	\$ 80,000	\$ 85,000	\$ 85,000	\$ 100,000	\$ -	\$ -
Installment Purchase	-	-	-	-	-	-	-
Fire Impact Fees	-	-	-	-	-	-	-
Total Funding Sources	\$ -	\$ 80,000	\$ 85,000	\$ 85,000	\$ 100,000	\$ -	\$ -

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

**TOWN OF WAKE FOREST
CAPITAL IMPROVEMENTS PROGRAM
CIP UPDATE FY 2020-2025**

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

PROJECT TITLE	TYPE OF PROJECT
<i>Fire Logistics Facility</i>	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

New Project - FY 2021

Funds Approved to Date

\$ -

Funds Expended to Date

\$ -

CAPITAL COST BREAKDOWN	Prior to July 2020	2020-21	2021-22	2022-23	2023-24	2024-25	Future Years
Planning & Engineering	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Purchase		-	-	-	-	-	-
Construction	-	-	-	-	-	-	800,000
Equipment	-	-	-	-	-	-	-
Contingency	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-
Total Project Costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 800,000

FUNDING SOURCE(S)	Prior to July 2020	2020-21	2021-22	2022-23	2023-24	2024-25	Future Years
General Fund	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Installment Purchase	-	-	-	-	-	-	-
Fire Impact Fees	-	-	-	-	-	-	800,000
Grants	-	-	-	-	-	-	-
Total Funding Sources	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 800,000

TOTAL PROJECT COST:

\$ 800,000

**TOWN OF WAKE FOREST
CAPITAL IMPROVEMENTS PROGRAM
CIP UPDATE FY 2020-2025**

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

PROJECT TITLE	TYPE OF PROJECT
Construction of Fire Station #6 and Apparatus	1 - Health/Safety/Welfare
	2 - Maintenance/Replacement
	X 3 - Existing Programs Expansion
	4 - New Program

PROJECT DESCRIPTION

Plans are to put a second staffed ladder company within the Town limits in FY 2020. Based on growth trends in population and buildings, we will need to construct an additional station (#6) and add a staffed Engine Company approximately FY 2024 -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 Ladder Company should be in place in FY 2020. The next station and Engine should be in place FY 2024-2026. We hope that impact will cover the cost of apparatus and the building. Personnel cost will be evaluated.

PROJECT STATUS

Continuation - FY 2017

Funds Approved to Date

\$ -

Funds Expended to Date

\$ -

CAPITAL COST BREAKDOWN	Prior to July 2020	2020-21	2021-22	2022-23	2023-24	2024-25	Future Years
Planning & Engineering	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 300,000
Purchase		-	-	-	-	-	-
Construction	-	-	-	-	-	-	3,200,000
Equipment	-	-	-	-	-	-	700,000
Contingency	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-
Total Project Costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 4,200,000

FUNDING SOURCE(S)	Prior to July 2020	2020-21	2021-22	2022-23	2023-24	2024-25	Future Years
General Fund	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Installment Purchase	-	-	-	-	-	-	-
Fire Impact Fees	-	-	-	-	-	-	4,200,000
Grants	-	-	-	-	-	-	-
Total Funding Sources	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 4,200,000

TOTAL PROJECT COST:**\$ 4,200,000**

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

PROJECT TITLE	PRIORITY TYPE	PRIOR TO JULY 2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	FUTURE YEARS	TOTALS
1 Ligon Mill Road Operational Improvements	H-3	2,312,900	2,616,250	-	-	-	-	-	4,929,150
2 Bicycle and Pedestrian Counters	M-3	-	50,000	50,000	55,000	50,000	-	-	205,000
3 Bicycle Lanes & Sharrows	M-3	-	50,000	-	-	-	-	-	50,000
4 Traffic/Pedestrian Signals	M-3	-	135,000	405,000	320,000	160,000	175,000	405,000	1,600,000
5 Smith Creek Greenway - Phase 3	H-3	640,600	24,400	-	-	-	1,634,700	1,648,600	3,948,300
6 Smith Creek Greenway - Phase 2	H-3	1,077,380	228,000	-	-	-	2,261,600	2,247,700	5,814,680
7 Dunn Creek Greenway - Phase 3	M-3	633,000	20,000	-	-	-	-	9,903,100	10,556,100
8 Bus Shelter Installations	M-3	-	-	105,000	95,000	-	-	-	200,000
9 Road Connections	M-3	-	-	200,000	-	1,400,000	-	550,000	2,150,000
11 Rogers Branch Road Extension	H-4	-	-	400,000	400,000	-	-	-	800,000
10 Richland Creek Greenway Phase 1	M-3	-	-	-	378,800	198,800	70,000	4,858,100	5,505,700
12 Rogers Road Grade Separation	H-3	-	-	-	660,000	-	-	-	660,000
13 Dunn Creek Greenway - Phase 4	M-3	-	-	-	156,000	-	1,897,700	-	2,053,700
14 Harris Road Extension/Northside Loop	H-3	-	-	-	-	-	-	14,607,000	14,607,000
TOTALS		\$ 4,663,880	\$ 3,123,650	\$ 1,160,000	\$ 2,064,800	\$ 1,808,800	\$ 6,039,000	\$ 34,219,500	\$ 53,079,630

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

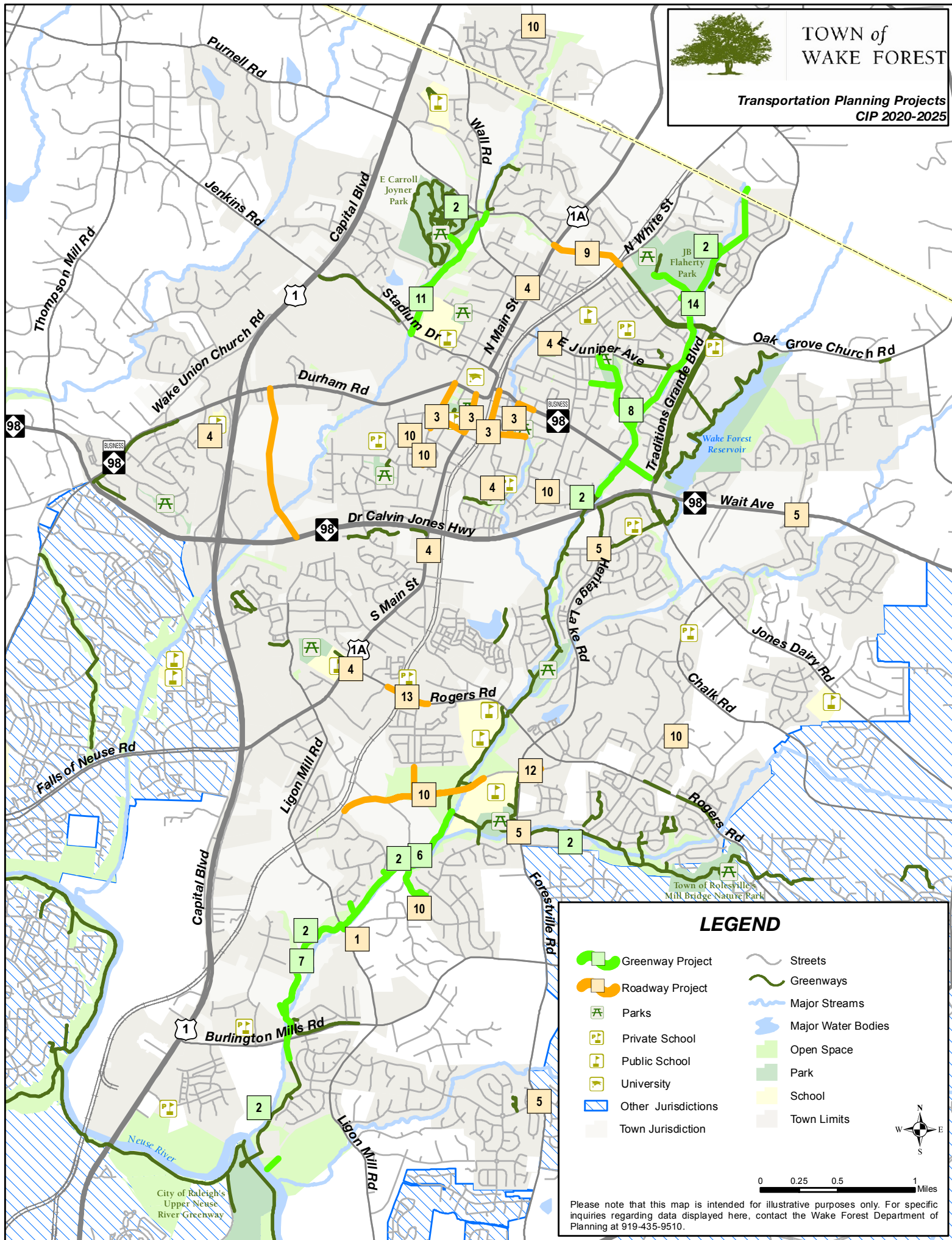
Priority definitions:	H	High
	M	Medium
	L	Low
Program type:	1	Health/Safety/Welfare
	2	Maintenance/Replacement
	3	Existing programs expansion
	4	New programs expansion

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.



TOWN of WAKE FOREST

Transportation Planning Projects
CIP 2020-2025



CIP Transportation 2020-25

Type	Project #	PROJECT TITLE
Roadway	1	Ligon Mill Road Pedestrian Underpass (TIP B-5318)
Greenway	2	Pedestrian and Bicycle Counters
Roadway	3	Bicycle Lanes & Sharrows
Roadway	4	Bus Shelter Installations
Roadway	5	Traffic/Pedestrian Signals
Greenway	6	Smith Creek Greenway - Phase 3
Greenway	7	Smith Creek Greenway - Phase 2
Greenway	8	Dunn Creek Greenway Phase 3
Roadway	9	Harris Road Extension (Formerly Northside Loop)
Roadway	10	Road Connections
Greenway	11	Richland Creek Greenway Phase 1
Roadway	12	Rogers Branch Road Extension
Roadway	13	Rogers Road Grade Separation
Greenway	14	Dunn Creek Greenway Phase 4

**TOWN OF WAKE FOREST
CAPITAL IMPROVEMENTS PROGRAM
CIP UPDATE FY 2020 - 2025**

DEPARTMENT	PROJECT MANAGER	DEPARTMENTAL PRIORITY
GTP	Jonathan Jacobs	High

PROJECT TITLE
Roadway - Ligon Mill Road Operational Improvements

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

PROJECT DESCRIPTION

TIP No. U-5118BA. Construction to implement a Complete Streets and Operational Improvements along Ligon Mill Road from US 1 Alt (South Main Street) to the Walmart driveway, approximately 500 feet north of Brimfield Springs Lane. The total project length is 0.371 miles. The typical section includes a four lane median-divided roadway with curb and gutter, bike lanes, 5-ft+ wide sidewalks on both sides of the roadway and high visibility crosswalks and ramps. Project Funding is approved through the Locally Administered Projects Program (LAPP). Construction for the project will begin in March of 2020 and is expected to be completed in May 2021.

JUSTIFICATION

Implementation of the adopted Comprehensive Transportation Plan for the Town of Wake Forest. The Town received funding through the LAPP in FY 10-11 to begin preliminary engineering (\$135,000; \$108,000 NCDOT, \$27,000 Town Match) and was approved for LAPP funding for right-of-way and construction in FY 14-15 (\$2,400,000; \$1,920,000 NCDOT, \$480,000 Town Match). This project will provide significant improvements to the intersection of Ligon Mill and S. Main Street.



PROJECT ALTERNATIVES	OPERATING IMPACT/OTHER COMMENTS
No alternative proposed.	LAPP Funded (80/20).

PROJECT STATUS

Funds Approved to Date

Continuation - FY 2017
\$ 3,348,000

Funds Expended to Date

\$ 942,744

CAPITAL COST BREAKDOWN	Prior to July 2020	2020-21	2021-22	2022-23	2023-24	2024-25	Future Years
Planning & Engineering	314,900	\$ 15,000	\$ -	\$ -	\$ -	\$ -	\$ -
Purchase	522,100	-	-	-	-	-	-
Utilities	75,300	-	-	-	-	-	-
Construction	1,081,400	2,008,300	-	-	-	-	-
Contingency *CA/CEI/NC DOT Review	319,200	592,900	-	-	-	-	-
Total Project Costs	\$ 2,312,900	\$ 2,616,200	\$ -	\$ -	\$ -	\$ -	\$ -

FUNDING SOURCE(S)	Prior to July 2020	2020-21	2021-22	2022-23	2023-24	2024-25	Future Years
General Fund	-	451,000	-	\$ -	\$ -	\$ -	\$ -
GO Bonds - 2014 Referendum - (Issued)	844,000	-	-	-	-	-	-
GO Bonds - 2014 Referendum - (Unissued)	-	335,000	-	-	-	-	-
Grants - LAPP Funds - Awarded	1,197,750	830,250	-	-	-	-	-
Grants - Future LAPP 50/50 Supplemental Agreement	-	1,000,000	-	-	-	-	-
Other - Developer Fees*	271,150	-	-	-	-	-	-
Total Funding Sources	\$ 2,312,900	\$ 2,616,250	\$ -	\$ -	\$ -	\$ -	\$ -

TOTAL PROJECT COST:

\$ 4,929,150

**CAPITAL IMPROVEMENTS PROGRAM
CIP UPDATE FY 2020 - 2025**

DEPARTMENT	SUBMITTED BY	DEPARTMENTAL PRIORITY
GTP	Suzette Morales	Medium

PROJECT TITLE	TYPE OF PROJECT								
Pedestrian and Bicycle Counters	<table border="1"> <tr><td></td><td>1 - Health/Safety/Welfare</td></tr> <tr><td></td><td>2 - Maintenance/Replacement</td></tr> <tr><td>X</td><td>3 - Existing Programs Expansion</td></tr> <tr><td></td><td>4 - New Program</td></tr> </table>		1 - Health/Safety/Welfare		2 - Maintenance/Replacement	X	3 - Existing Programs Expansion		4 - New Program
	1 - Health/Safety/Welfare								
	2 - Maintenance/Replacement								
X	3 - Existing Programs Expansion								
	4 - New Program								

PROJECT DESCRIPTION

Multiyear project. Procurement, installation, and data management costs for permanent pedestrian and bicycle counters for greenway and soft trail paths, and major park facilities. The town would partner with NCDOT's CAMPO & ITRE non-motorized volume data program for "AADP" and "AADB" counts to use as seasonal factors counters and help in understanding trends. Data collected will be used for Town and NCDOT planning and grant application purposes. Counters are to be placed in high traffic areas along Smith, Sanford and Dunn Creek Greenways, which will ultimately serve as alternative commuter routes once complete.

JUSTIFICATION

Implementation of the adopted Open Space & Greenways, Transportation, Bicycle & Pedestrian Plans for the Town of Wake Forest.

**PROJECT ALTERNATIVES**

No alternative proposed.

OPERATING IMPACT/OTHER COMMENTS

ITRE to maintain data with maintenance payments via CAMPO. \$2000/yr

PROJECT STATUS

Funds Approved to Date

Continuation - FY 2019	
\$	-

Funds Expended to Date

\$	-
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CAPITAL COST BREAKDOWN	Prior to July 2020	2020-21	2021-22	2022-23	2023-24	2024-25	Future Years
Planning & Engineering	\$ -	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ -	\$ -
Purchase	-	10,000	15,000	20,000	15,000	-	-
Construction	-	15,000	10,000	10,000	10,000	-	-
Other	-	-	-	-	-	-	-
Total Project Costs	\$ -	\$ 50,000	\$ 50,000	\$ 55,000	\$ 50,000	\$ -	\$ -

FUNDING SOURCE(S)	Prior to July 2020	2020-21	2021-22	2022-23	2023-24	2024-25	Future Years
General Fund	\$ -	\$ 50,000	\$ 50,000	\$ 55,000	\$ 50,000	\$ -	\$ -
Total Funding Sources	\$ -	\$ 50,000	\$ 50,000	\$ 55,000	\$ 50,000	\$ -	\$ -

TOTAL PROJECT COST:

\$ 205,000

**TOWN OF WAKE FOREST
CAPITAL IMPROVEMENTS PROGRAM
CIP UPDATE FY 2020 - 2025**

DEPARTMENT

GTP

PROJECT MANAGER

Suzette Morales

DEPARTMENTAL PRIORITY

Medium

PROJECT TITLE

Roadway - Bicycle Lanes & Sharrows

TYPE OF PROJECT

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

PROJECT DESCRIPTION

Construction of Sharrows/Shared Lanes pavement markings on the following downtown streets:

1. US 1A S. Main St: South Ave to W Sycamore Ave
2. Elm Ave: S. Main St to S. Franklin St
3. Roosevelt/Wait Ave: Front St to Franklin St
4. S. White St: Elm Ave to Roosevelt Ave
5. S. Taylor St: Elm Ave to Wait Ave
6. W. Sycamore Ave: S Main St to S. Wingate St
7. S Wingate St: South Ave to Kinvara Ct

Placement of symbols by Town Streets Department on existing pavement to include Thermoplastic Sharrow Symbol and Sharrow warning sign posts.

JUSTIFICATION

Implementation of the adopted Comprehensive Transportation Plan and provide improved multimodal connectivity for the Town of Wake Forest. Sharrows are markings applied directly to the pavement to direct cyclists to ride in the proper direction and raise motorist awareness of the potential presence of cyclists.

**PROJECT ALTERNATIVES**

N/A.

OPERATING IMPACT/OTHER COMMENTS

N/A.

PROJECT STATUS

Continuation - FY 2020

Funds Approved to Date

\$ -

Funds Expended to Date

\$ -

CAPITAL COST BREAKDOWN	Prior to July 2020	2020-21	2021-22	2022-23	2023-24	2024-25	Future Years
Planning & Engineering	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Construction	-	44,800	-	-	-	-	-
Equipment	-	700	-	-	-	-	-
Contingency	-	4,500	-	-	-	-	-
PAC - 1%	-	-	-	-	-	-	-
Total Project Costs	\$ -	\$ 50,000	\$ -	\$ -	\$ -	\$ -	\$ -

FUNDING SOURCE(S)	Prior to July 2020	2020-21	2021-22	2022-23	2023-24	2024-25	Future Years
General Fund	\$ -	\$ 50,000	\$ -	\$ -	\$ -	\$ -	\$ -
Total Funding Sources	\$ -	\$ 50,000	\$ -	\$ -	\$ -	\$ -	\$ -

TOTAL PROJECT COST:**\$ 50,000**

**TOWN OF WAKE FOREST
CAPITAL IMPROVEMENTS PROGRAM
CIP UPDATE FY 2020-2025**

DEPARTMENT

GTP

PROJECT MANAGER

Jonathan Jacobs

DEPARTMENTAL PRIORITY

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 when warranted by Traffic Impact Assessments (TIA).

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:

Heritage Lake/Friendship Chapel Road - FY 2020/21
Forestville Road/Song Sparrow - FY 2021/22
Wait Avenue/Middlegame - FY 2021/22
Forestville/Coach Lantern - FY 2021/22

**PROJECT ALTERNATIVES**

NCDOT Contribution or other funding.

OPERATING IMPACT/OTHER COMMENTS

- 1) Included in Transportation and Greenway Master Plan.
- 2) Ongoing contract costs associated with maintenance and emergency response.
- 3) Heritage Lake/Friendship Chapel expected to be completed by the end of FY 20-21.

PROJECT STATUS

Funds Approved to Date

Continuation - FY 2014

\$ -

Funds Expended to Date

\$ -

CAPITAL COST BREAKDOWN	Prior to July 2020	2020-21	2021-22	2022-23	2023-24	2024-25	Future Years
Planning & Engineering	\$ -	\$ 10,000	\$ 30,000	\$ 20,000	\$ 10,000	\$ 25,000	\$ 30,000
Construction	-	125,000	375,000	300,000	150,000	150,000	375,000
Other	-	-	-	-	-	-	-
Total Project Costs	\$ -	\$ 135,000	\$ 405,000	\$ 320,000	\$ 160,000	\$ 175,000	\$ 405,000

FUNDING SOURCE(S)	Prior to July 2020	2020-21	2021-22	2022-23	2023-24	2024-25	Future Years
General Fund	\$ -	\$ 135,000	\$ 340,000	\$ -	\$ 10,000	\$ 25,000	\$ 30,000
Grants - NCDOT - Future Application	-	-	-	-	-	-	-
GO Bonds - Future Referendum FY 2022	-	-	-	320,000	150,000	150,000	375,000
Other - Middlegame/Bowling Green HOA (PILOT)	-	-	65,000	-	-	-	-
Total Funding Sources	\$ -	\$ 135,000	\$ 405,000	\$ 320,000	\$ 160,000	\$ 175,000	\$ 405,000

TOTAL PROJECT COST:**\$ 1,600,000**

**TOWN OF WAKE FOREST
CAPITAL IMPROVEMENTS PROGRAM
CIP UPDATE FY 2020 - 2025**

DEPARTMENT

GTP

PROJECT MANAGER

Suzette Morales

DEPARTMENTAL PRIORITY

High

PROJECT TITLE

Greenway - Smith Creek Greenway - Phase 3

TYPE OF PROJECT

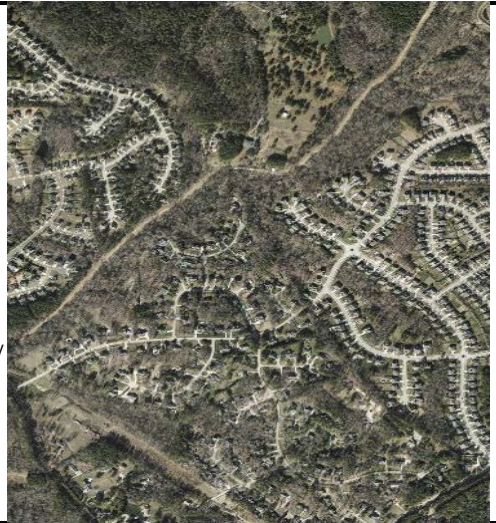
- | | |
|---|---------------------------------|
| | 1 - Health/Safety/Welfare |
| | 2 - Maintenance/Replacement |
| X | 3 - Existing Programs Expansion |
| | 4 - New Program |

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.

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 received a 2016 Clean Water Management Trust Fund (CWMTF) grant for additional funding of \$513,581 to support ROW for phase 2 and phase 3. Completion for this project is estimated to be May 2021.

**PROJECT ALTERNATIVES**

N/A

OPERATING IMPACT/OTHER COMMENTS

Clean Water Management Trust Fund ROW (52/48). Greenways Advisory Board Priority #1

PROJECT STATUS

Funds Approved to Date

Continuation - FY 2017

\$ 413,755

Funds Expended to Date

\$ 187,198

CAPITAL COST BREAKDOWN	Prior to July 2020	2020-21	2021-22	2022-23	2023-24	2024-25	Future Years
Planning & Engineering	\$ 243,800	\$ 24,400	\$ -	\$ -	\$ -	\$ -	\$ -
Purchase	396,800	-	-	-	-	-	-
Construction	-	-	-	-	-	1,245,000	1,245,000
Equipment	-	-	-	-	-	-	13,900
CEI/CA/Oversight/NCDOT	-	-	-	-	-	373,500	373,500
Other - PAC 1%	-	-	-	-	-	16,200	16,200
Total Project Costs	\$ 640,600	\$ 24,400	\$ -	\$ -	\$ -	\$ 1,634,700	\$ 1,648,600

FUNDING SOURCE(S)	Prior to July 2020	2020-21	2021-22	2022-23	2023-24	2024-25	Future Years
General Fund	\$ -	\$ 24,400	\$ -	\$ -	\$ -	\$ -	\$ -
GO Bonds - Current Referendum (2014) - Issued	-	-	-	-	-	-	-
GO Bonds - Current Referendum (2014) - Unissued	243,800	-	-	-	-	-	-
GO Bonds - Future Referendum FY2022	-	-	-	-	-	825,400	839,300
Grants Awarded - CWMTF - 2016 Grant (52%)	170,000	-	-	-	-	-	-
Kichen Farms Land Donation Match (48%)	226,800	-	-	-	-	-	-
Grant Funds - Future Application	-	-	-	-	-	809,300	809,300
Total Funding Sources	\$ 640,600	\$ 24,400	\$ -	\$ -	\$ -	\$ 1,634,700	\$ 1,648,600

TOTAL PROJECT COST:**\$ 3,948,300**

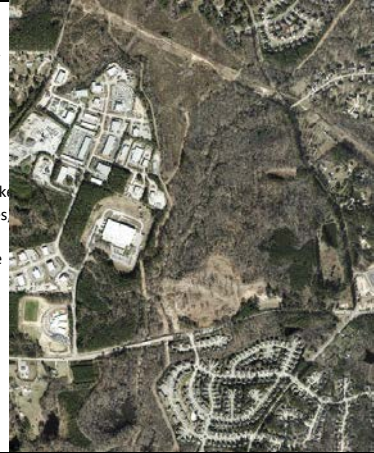
**TOWN OF WAKE FOREST
CAPITAL IMPROVEMENTS PROGRAM
CIP UPDATE FY 2020 - 2025**

DEPARTMENT	PROJECT MANAGER	DEPARTMENTAL PRIORITY
GTP	Suzette Morales	High

PROJECT TITLE	TYPE OF PROJECT
Greenway - Smith Creek Greenway - Phase 2	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 40 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.

**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 \$941,000 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). Greenways Advisory Board Priority #1.

PROJECT STATUS

Funds Approved to Date

Continuation - FY 2017
\$ 1,602,825

Funds Expended to Date

\$ 356,937

CAPITAL COST BREAKDOWN	Prior to July 2020	2020-21	2021-22	2022-23	2023-24	2024-25	Future Years
Planning & Engineering	\$ 507,000	\$ 228,000	\$ -	\$ -	\$ -	\$ -	-
Purchase	472,500	-	-	-	-	-	-
Construction	-	-	-	-	-	1,711,800	1,711,800
Equipment	-	-	-	-	-	13,900	-
Contingency	88,080	-	-	-	-	513,500	513,600
Other - PAC 1%	9,800	-	-	-	-	22,400	22,300
Total Project Costs	\$ 1,077,380	\$ 228,000	\$ -	\$ -	\$ -	\$ 2,261,600	\$ 2,247,700

FUNDING SOURCE(S)	Prior to July 2020	2020-21	2021-22	2022-23	2023-24	2024-25	Future Years
General Fund	\$ -	\$ 49,300	\$ -	\$ -	\$ -	\$ 36,300	\$ 22,300
GO Bonds - 2014 Referendum - (Issued)	-	-	-	-	-	-	-
GO Bonds - 2014 Referendum - (Unissued)	253,500	64,700	-	-	-	-	-
GO Bonds - Future Referendum FY 2022	-	-	-	-	-	1,112,650	1,112,700
Grants - Awarded - Wake County Open Space (50/50)	253,500	114,000	-	-	-	-	-
Grants - CWMTF - 2016 Grant Award (52%)	343,580	-	-	-	-	-	-
Kichen Farms Donation Match (48%)	226,800	-	-	-	-	-	-
Grant Funds - Future Application	-	-	-	-	-	1,112,650	1,112,700
Total Funding Sources	\$ 1,077,380	\$ 228,000	\$ -	\$ -	\$ -	\$ 2,261,600	\$ 2,247,700

TOTAL PROJECT COST: \$ 5,814,680

**TOWN OF WAKE FOREST
CAPITAL IMPROVEMENTS PROGRAM
CIP UPDATE FY 2020 - 2025**

DEPARTMENT	PROJECT MANAGER	DEPARTMENTAL PRIORITY
GTP	Suzette Morales	Medium

PROJECT TITLE	TYPE OF PROJECT
Greenway - Dunn Creek Greenway Phase 3	1 - Health/Safety/Welfare
	2 - Maintenance/Replacement
	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 nine pedestrian bridge crossings proposed for this project.

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 FFY2024 LAPP grant during the call for projects to support the cost of construction for the Dunn Creek Greenway, Phase 3 project.

**PROJECT ALTERNATIVES**

N/A.

OPERATING IMPACT/OTHER COMMENTS

*Greenways Advisory Board Priority #2

PROJECT STATUS

Funds Approved to Date

Continuation - FY 2014
\$ 653,000

Funds Expended to Date

\$ 571,017

CAPITAL COST BREAKDOWN	Prior to July 2020	2020-21	2021-22	2022-23	2023-24	2024-25	Future Years
Planning & Engineering	\$ 576,900	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Purchase	50,000	20,000	-	-	-	-	-
Construction	-	-	-	-	-	-	7,542,300
Equipment	-	-	-	-	-	-	-
Contingency *CA/CEI/NC DOT Review	-	-	-	-	-	-	2,262,700
Other- PAC 1%	6,100	-	-	-	-	-	98,100
Total Project Costs	\$ 633,000	\$ 20,000	\$ -	\$ -	\$ -	\$ -	\$ 9,903,100

FUNDING SOURCE(S)	Prior to July 2020	2020-21	2021-22	2022-23	2023-24	2024-25	Future Years
General Fund	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 98,100
GO Bonds - 2014 Referendum - (Unissued)	633,000	20,000	-	-	-	-	-
GO Bonds - Future Referendum - FY2022	-	-	-	-	-	-	3,922,000
Grant Funds - Future Application	-	-	-	-	-	-	5,883,000
Total Funding Sources	\$ 633,000	\$ 20,000	\$ -	\$ -	\$ -	\$ -	\$ 9,903,100

TOTAL PROJECT COST:**\$ 10,556,100**

**TOWN OF WAKE FOREST
CAPITAL IMPROVEMENTS PROGRAM
CIP UPDATE FY 2020 - 2025**

DEPARTMENT	PROJECT MANAGER	DEPARTMENTAL PRIORITY
GTP	Jonathan Jacobs	Medium

PROJECT TITLE	TYPE OF PROJECT
<i>Bus Shelter Installations</i>	1 - Health/Safety/Welfare
	2 - Maintenance/Replacement
	X 3 - Existing Programs Expansion
	4 - New Program

PROJECT DESCRIPTION

Installation of bus shelters, benches, trash cans, 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 determined in January 2020 after ridership has been assessed. Previous research assumes 3 shelters per year total for both loops. Shelters will be installed by the Streets Department.



PROJECT ALTERNATIVES	OPERATING IMPACT/OTHER COMMENTS
N/A	Installation of 3 shelters per year at \$15,000 per shelter including benches, litter receptacles and solar lighting. Annual maintenance of bus shelters and emptying of trash receptacles is estimated at \$1,000 annually per shelter.

PROJECT STATUS

Funds Approved to Date

Continuation - FY 2020
\$ -

Funds Expended to Date

\$ -

CAPITAL COST BREAKDOWN	Prior to July 2020	2020-21	2021-22	2022-23	2023-24	2024-25	Future Years
Planning & Engineering	\$ -	\$ -	\$ 10,000	\$ -	\$ -	\$ -	\$ -
Purchase	-	-	50,000	50,000	-	-	-
Construction	-	-	45,000	45,000	-	-	-
Contingency	-	-	-	-	-	-	-
Total Project Costs	\$ -	\$ -	\$ 105,000	\$ 95,000	\$ -	\$ -	\$ -

FUNDING SOURCE(S)	Prior to July 2020	2020-21	2021-22	2022-23	2023-24	2024-25	Future Years
General Fund	\$ -	\$ -	\$ 105,000	\$ 95,000	\$ -	\$ -	\$ -
Total Funding Sources	\$ -	\$ -	\$ 105,000	\$ 95,000	\$ -	\$ -	\$ -

TOTAL PROJECT COST:**\$ 200,000**

**TOWN OF WAKE FOREST
CAPITAL IMPROVEMENTS PROGRAM
CIP UPDATE FY 2020-2025**

DEPARTMENT	PROJECT MANAGER	DEPARTMENTAL PRIORITY
GTP	Jonathan Jacobs	High

PROJECT TITLE	TYPE OF PROJECT								
Roadway - Road Connections	<table border="1"> <tr><td></td><td>1 - Health/Safety/Welfare</td></tr> <tr><td></td><td>2 - Maintenance/Replacement</td></tr> <tr><td>X</td><td>3 - Existing Programs Expansion</td></tr> <tr><td></td><td>4 - New Program</td></tr> </table>		1 - Health/Safety/Welfare		2 - Maintenance/Replacement	X	3 - Existing Programs Expansion		4 - New Program
	1 - Health/Safety/Welfare								
	2 - Maintenance/Replacement								
X	3 - Existing Programs Expansion								
	4 - New Program								

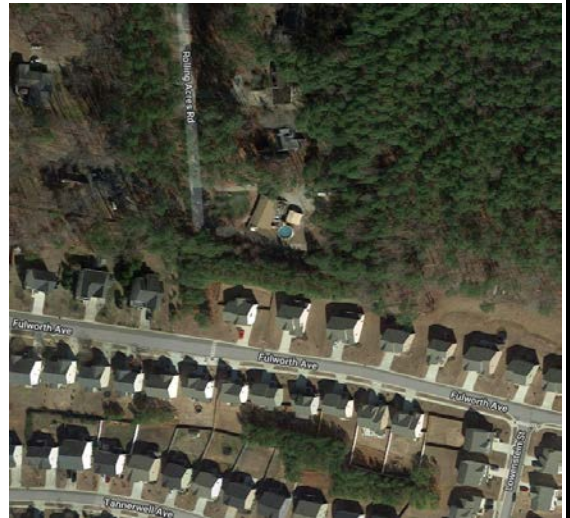
PROJECT DESCRIPTION

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. Foundation Drive design to be in conjunction with the Parks & Recreation Department Master Plan for 94 acres.

Projected Start	Project	Total Cost
FY 2021/22:	Preliminary Engineering and Feasibility	\$ 200,000
FY 2023-24:	South Allen	\$ 400,000
	Song Sparrow Road	\$ 200,000
	Pineview Drive	\$ 400,000
	S. Wingate Street	\$ 400,000
Future:		
	Rolling Acres	\$ 250,000
	Sand Hollow Circle	\$ 200,000

**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)

PROJECT STATUS

Continuation - FY 2017

Funds Approved to Date

\$ -

Funds Expended to Date

\$ -

CAPITAL COST BREAKDOWN	Prior to July 2020	2020-21	2021-22	2022-23	2023-24	2024-25	Future Years
Planning & Engineering	\$ -	\$ -	\$ 200,000	\$ -	\$ -	\$ -	\$ 100,000
Purchase	-	-	-	-	-	-	-
Construction	-	-	-	-	1,400,000	-	450,000
Contingency	-	-	-	-	-	-	-
Total Project Costs	\$ -	\$ -	\$ 200,000	\$ -	\$ 1,400,000	\$ -	\$ 550,000

FUNDING SOURCE(S)	Prior to July 2020	2020-21	2021-22	2022-23	2023-24	2024-25	Future Years
General Fund	\$ -	\$ -	\$ 167,000	\$ -	\$ -	\$ -	\$ -
Installment Purchase	-	-	-	-	-	-	-
GO Bonds - Future Referendum FY2022	-	-	-	-	1,400,000	-	550,000
Capital Reserve	-	-	33,000	-	-	-	-
Total Funding Sources	\$ -	\$ -	\$ 200,000	\$ -	\$ 1,400,000	\$ -	\$ 550,000

TOTAL PROJECT COST:

\$ 2,150,000

**TOWN OF WAKE FOREST
CAPITAL IMPROVEMENTS PROGRAM
CIP UPDATE FY 2020-2025**

DEPARTMENT	PROJECT MANAGER	DEPARTMENTAL PRIORITY
GTP	Jonathan Jacobs	High

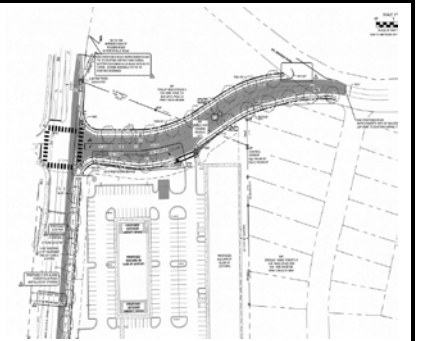
PROJECT TITLE	TYPE OF PROJECT
<i>Rogers Branch Road Extension</i>	1 - Health/Safety/Welfare
	2 - Maintenance/Replacement
	3 - Existing Programs Expansion
	X 4 - New Program

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

None.

PROJECT STATUS

New Project - FY 2021

Funds Approved to Date

\$ -

Funds Expended to Date

\$ -

CAPITAL COST BREAKDOWN	Prior to July 2020	2020-21	2021-22	2022-23	2023-24	2024-25	Future Years
Planning & Engineering	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Purchase	-	-	-	-	-	-	-
Construction	-	-	400,000	400,000	-	-	-
Equipment	-	-	-	-	-	-	-
Contingency	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-
Total Project Costs	\$ -	\$ -	\$ 400,000	\$ 400,000	\$ -	\$ -	\$ -

FUNDING SOURCE(S)	Prior to July 2020	2020-21	2021-22	2022-23	2023-24	2024-25	Future Years
General Fund	\$ -	\$ -	\$ 285,000	\$ 400,000	\$ -	\$ -	\$ -
Other (PILOT) - Fee In-Lieu Payment	-	-	115,000	-	-	-	-
Total Funding Sources	\$ -	\$ -	\$ 400,000	\$ 400,000	\$ -	\$ -	\$ -

TOTAL PROJECT COST:

\$ 800,000

**TOWN OF WAKE FOREST
CAPITAL IMPROVEMENTS PROGRAM
CIP UPDATE FY 2020 - 2025**

DEPARTMENT

GTP

PROJECT MANAGER

Suzette Morales

DEPARTMENTAL PRIORITY

Medium

PROJECT TITLE

Greenway - Richland Creek Greenway Phase 1

TYPE OF PROJECT

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

PROJECT DESCRIPTION

Design, ROW and construction for Richland Creek Greenway Phase 1 from Harris Road (SR 1931) to Stadium Drive. The path would start at Harris Road (SR 1931) and continue at the underpass (access built) then follow Richland Creek to the Cougar Trail soft trail and end at Stadium Drive. The portion of the Cougar Trail that continues west to Joyner park will convert to a paved trail and a 10' wide bridge, 35' long is to be constructed. The bridge will be rated for an H-5 load. Approximately 1.1 miles of paved greenway.

JUSTIFICATION

The project is consistent with the adopted Open Space and Greenway Plan and Parks & Recreation Master Plan and Comprehensive Transportation Plan for the Town of Wake Forest. Staff will pursue a LAPP grant, SPOT and other funding options to support this project.

**PROJECT ALTERNATIVES**

Temporary soft trail

OPERATING IMPACT/OTHER COMMENTS

Clean Water Management Trust Fund conservation easement already acquired. Future LAPP (60/40). Greenways Advisory Board Priority #4

PROJECT STATUS

Funds Approved to Date

Continuation - FY 2015

\$ -

Funds Expended to Date

\$ -

CAPITAL COST BREAKDOWN	Prior to July 2020	2020-21	2021-22	2022-23	2023-24	2024-25	Future Years
Planning & Engineering	\$ -	\$ -	\$ -	\$ 375,000	\$ 125,000	\$ -	\$ -
Purchase	-	-	-	-	70,000	70,000	-
Construction	-	-	-	-	-	-	3,700,000
Contingency	-	-	-	-	-	-	1,110,000
Other - PAC 1%	-	-	-	3,800	3,800	-	48,100
Total Project Costs	\$ -	\$ -	\$ -	\$ 378,800	\$ 198,800	\$ 70,000	\$ 4,858,100

FUNDING SOURCE(S)	Prior to July 2020	2020-21	2021-22	2022-23	2023-24	2024-25	Future Years
General Fund	\$ -	\$ -	\$ -	\$ 378,800	\$ 3,800	\$ -	\$ 48,100
GO Bonds - Future Referendum FY 2022	-	-	-	-	160,000	35,000	1,924,000
Grant Funds - Future Application	-	-	-	-	35,000	35,000	2,886,000
Total Funding Sources	\$ -	\$ -	\$ -	\$ 378,800	\$ 198,800	\$ 70,000	\$ 4,858,100

TOTAL PROJECT COST:**\$ 5,505,700**

**TOWN OF WAKE FOREST
CAPITAL IMPROVEMENTS PROGRAM
CIP UPDATE FY 2020 - 2025**

DEPARTMENT	PROJECT MANAGER	DEPARTMENTAL PRIORITY
GTP	Jonathan Jacobs	High

PROJECT TITLE	TYPE OF PROJECT
Rogers Road Grade Separation	1 - Health/Safety/Welfare
	2 - Maintenance/Replacement
	3 - Existing Programs Expansion
	4 - New Program

PROJECT DESCRIPTION

Support and contribute as requested to NCDOT TIP No. 9-5707 Rogers Road Expansion and Bridge Construction . Construct additional Wake Forest non-NCDOT improvements such as sidewalk and street lighting to benefit the Town in connection to the project.

JUSTIFICATION

TIP No. P-5707 Rogers Road (SR 2052) The project will construct a bridge on Rogers Road (S.R. 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	OPERATING IMPACT/OTHER COMMENTS
N/A.	N/A.

PROJECT STATUS

Funds Approved to Date

Continuation FY 2020
\$ 128,000

Funds Expended to Date

\$ -

CAPITAL COST BREAKDOWN	Prior to July 2020	2020-21	2021-22	2022-23	2023-24	2024-25	Future Years
Planning & Engineering	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Construction	-	-	-	660,000	-	-	-
Total Project Costs	\$ -	\$ -	\$ -	\$ 660,000	\$ -	\$ -	\$ -

FUNDING SOURCE(S)	Prior to July 2020	2020-21	2021-22	2022-23	2023-24	2024-25	Future Years
General Fund	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
GO Bonds - Future Referendum FY2022	-	-	-	532,000	-	-	-
Fee-In-Lieu Payment	-	-	-	128,000	-	-	-
Total Funding Sources	\$ -	\$ -	\$ -	\$ 660,000	\$ -	\$ -	\$ -

TOTAL PROJECT COST:

\$ 660,000

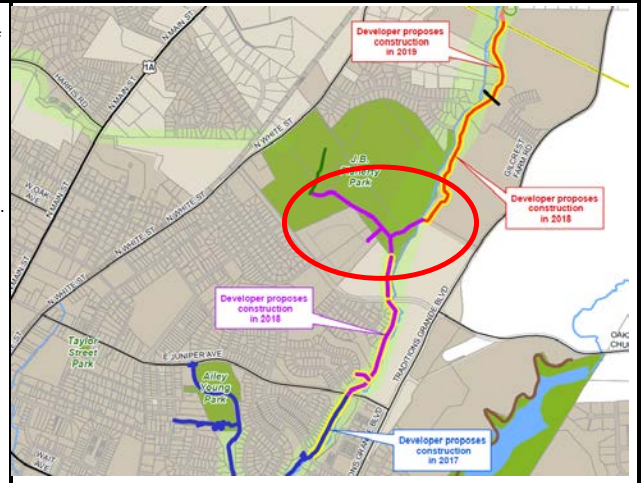
**TOWN OF WAKE FOREST
CAPITAL IMPROVEMENTS PROGRAM
CIP UPDATE FY 2020 - 2025**

DEPARTMENT	PROJECT MANAGER	DEPARTMENTAL PRIORITY
GTP	Suzette Morales	Medium

PROJECT TITLE	TYPE OF PROJECT	
Greenway - Dunn Creek Greenway Phase 4		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.



PROJECT ALTERNATIVES	OPERATING IMPACT/OTHER COMMENTS
N/A.	N/A.

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

CAPITAL COST BREAKDOWN	Prior to July 2020	2020-21	2021-22	2022-23	2023-24	2024-25	Future Years
Planning & Engineering	\$ -	\$ -	\$ -	\$ 156,000	\$ -	\$ -	\$ -
Purchase	-	-	-	-	-	110,000	-
Construction	-	-	-	-	-	1,416,000	-
Contingency - CA/CEI/NC DOT Review	-	-	-	-	-	354,000	-
Other- PAC 1%	-	-	-	-	-	17,700	-
Total Project Costs	\$ -	\$ -	\$ -	\$ 156,000	\$ -	\$ 1,897,700	\$ -

FUNDING SOURCE(S)	Prior to July 2020	2020-21	2021-22	2022-23	2023-24	2024-25	Future Years
General Fund	\$ -	\$ -	\$ -	\$ 156,000	\$ -	\$ -	\$ -
GO Bonds - Future Referendum FY 2022	-	-	-	-	-	948,900	-
Grant Funds - Future Application	-	-	-	-	-	948,800	-
Total Funding Sources	\$ -	\$ -	\$ -	\$ 156,000	\$ -	\$ 1,897,700	\$ -

TOTAL PROJECT COST: \$ 2,053,700

**TOWN OF WAKE FOREST
CAPITAL IMPROVEMENTS PROGRAM
CIP UPDATE FY 2020 - 2025**

DEPARTMENT

GTP

PROJECT MANAGER

Jonathan Jacobs

DEPARTMENTAL PRIORITY

High

PROJECT TITLE

Roadway - Harris Road Extension (Formerly Northside Loop)

TYPE OF PROJECT

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

PROJECT DESCRIPTION

Design, ROW acquisition, and construction to complete the Northside Loop: North White Street to North Main Street. The typical section includes two lane divided road with curb & gutter and multi-use path on both sides of the road. Project includes a grade-separated interchange at Royal Mill and N. White Street for the railroad crossing. Project includes ROW for future widening and improvements (widening, curb and gutter, sidewalk/MUP) along existing Harris Road between N. Main Street and Capital Boulevard. Staff intends to pursue this project with NCDOT Rail Division and apply for STI Funding in FY22.

JUSTIFICATION

Implementation of the adopted Comprehensive Transportation Plan for the Town of Wake Forest. Staff will pursue funding through LAPP, and STI with NCDOT Rail Division. This project would provide relief of congested through Downtown and the Historic District by providing an additional East-West Connection allowing traffic to bypass Downtown from the north.

**PROJECT ALTERNATIVES**

N/A.

OPERATING IMPACT/OTHER COMMENTS

North Main Street to Capital Blvd is a state road and is eligible for LAPP funding. With LAPP grant funds the town's share would be 20% of the total project cost. Estimated project cost --\$15,000,000 (\$12,000,000 federal; \$3,000,000 local).

If STI funding is pursued with NCDOT Rail, this project would be administered by NCDOT with a Town Contribution of \$10,000,000 and include Complete Street and Operational Improvements to existing Harris Road from N. Main Street to Capital Blvd.

PROJECT STATUS

Funds Approved to Date

Continuation - FY 2017

\$ -

Funds Expended to Date

\$ -

CAPITAL COST BREAKDOWN	Prior to July 2020	2020-21	2021-22	2022-23	2023-24	2024-25	Future Years
Planning & Engineering	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 500,000
Purchase	-	-	-	-	-	-	3,000,000
Construction	-	-	-	-	-	-	10,000,000
Contingency *CA/CEI/NC DOT Review	-	-	-	-	-	-	1,000,000
Other	-	-	-	-	-	-	107,000
Total Project Costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 14,607,000

FUNDING SOURCE(S)	Prior to July 2020	2020-21	2021-22	2022-23	2023-24	2024-25	Future Years
General Fund	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 702,000
GO Bonds - Future Referendum FY2022	-	-	-	-	-	-	2,700,000
Grants - Future Application	-	-	-	-	-	-	6,205,000
Grants - CSX Contribution - Future Application	-	-	-	-	-	-	5,000,000
Total Funding Sources	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 14,607,000

TOTAL PROJECT COST:**\$ 14,607,000**

Capital Improvement Plan
PARKS, RECREATION AND CULTURAL RESOURCES SUMMARY - BY PROJECT

PROJECT TITLE RANKED	PRIORITY TYPE	PRIOR TO JULY 2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	FUTURE YEARS	TOTALS
1 Installation of Irrigation and Sod Flaherty Park Field #3	M - 2	58,000	60,000	-	-	-	-	-	118,000
2 Vehicle Additions	M - 3	-	104,000	35,000	-	35,000	-	-	174,000
3 5-Unit Reel mower(or Trim Cut)	M - 2	-	65,000	-	-	-	-	-	65,000
4 Multi-Use Tractor	M - 3	-	35,000	-	-	-	-	-	35,000
5 Athletic Fields Lighting System Replace/Installation	M - 2	-	-	235,000	250,000	300,000	275,000	450,000	1,510,000
6 Aerification Equipment	M - 3	-	-	40,000	-	-	-	-	40,000
7 Spectator Accessibility, ADA Bleachers, Replace Dugouts	H - 2	-	-	197,000	90,000	-	-	-	287,000
8 Joyner Park Amphitheater Irrigation	M - 3	-	-	-	50,000	-	-	-	50,000
9 Holding Park Destination Playground	M - 3	-	-	-	-	404,000	-	-	404,000
10 Park Sidewalk Connections	M - 3	-	-	-	-	100,000	-	-	100,000
11 Tyler Run Park Greenway Loop	M - 3	-	-	-	-	-	200,000	-	200,000
12 Restroom Installation	M - 3	-	-	-	-	-	2,500,000	-	2,500,000
13 Community Center (South of NC 98)	M - 4	-	-	-	-	-	-	8,000,000	8,000,000
14 Ailey Young Park Improvements	M - 2	175,000	-	-	-	-	-	3,620,400	3,795,400
TOTALS		\$ 233,000	\$ 264,000	\$ 507,000	\$ 390,000	\$ 839,000	\$ 2,975,000	\$ 12,070,400	\$ 17,278,400

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 2020-2025

DEPARTMENT

Parks, Recreation and Cultural Resources

PROJECT MANAGER

Ruben Wall/Josh Glover

DEPARTMENTAL PRIORITY

Medium

PROJECT TITLE*Installation of Irrigation and Sod at Flaherty Park Field #3***TYPE OF PROJECT**

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

PROJECT DESCRIPTION

This project consists of building sand-based grass infield (replacing dirt infield).

JUSTIFICATION

Building of grass infields would be to accommodate athletic program's request and the sand-based structure with corrugated draining would allow for appropriate water drainage for the high-use infield area. Building of a permanent baseball mound would be much safer than continuing to use portables.

**PROJECT ALTERNATIVES**

Use existing dirt infield playing surface.

OPERATING IMPACT/OTHER COMMENTS

*Field 1 & 2 sod and irrigation installation has been completed.
 *\$115,000 allotted in 19-20 was reduced in order to make a greenway repair of \$57,000. With remaining funds of \$58,000, the Field 3 outfield portion only can be completed.
 *Amount requested in 21-22 would be to complete the infield grass conversion.
 **One more staff person and truck/trailer/equipment will be requested to move forward with this project.

PROJECT STATUS*Funds Approved to Date*

Continuation - FY 2016

\$ 115,000

Funds Expended to Date

\$ -

CAPITAL COST BREAKDOWN	Prior to July 2020	2020-21	2021-22	2022-23	2023-24	2024-25	Future Years
Construction	\$ 58,000	\$ 60,000	\$ -	\$ -	\$ -	\$ -	\$ -
Other	-	-	-	-	-	-	-
Total Project Costs	\$ 58,000	\$ 60,000	\$ -	\$ -	\$ -	\$ -	\$ -

FUNDING SOURCE(S)	Prior to July 2020	2020-21	2021-22	2022-23	2023-24	2024-25	Future Years
General Fund	\$ 58,000	\$ 60,000	\$ -	\$ -	\$ -	\$ -	\$ -
Total Funding Sources	\$ 58,000	\$ 60,000	\$ -	\$ -	\$ -	\$ -	\$ -

TOTAL PROJECT COST:**\$ 118,000**

**TOWN OF WAKE FOREST
CAPITAL IMPROVEMENTS PROGRAM
CIP UPDATE FY 2020-2025**

DEPARTMENT

Parks, Recreation & Cultural Resources

PROJECT MANAGER

Ruben Wall/Edward Austin/Josh Glover

DEPARTMENTAL PRIORITY

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) Heavy Duty Truck (FY 2021)
 2) Crew Cab - Light Duty Truck (FY 2021)
 3) 4x4 Extended Cab/Tow Package - 3 Medium Duty Trucks (FY 2021), (FY 2022) & (FY 2024)

JUSTIFICATION

- 1) Mode of transportation is needed for new Maintenance Crew Supervisor. Currently, the employee is using a dump truck which is counter productive and not cost effective to use in every day situations as it needs to be available to all crews. 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 allowing the supervisor to prioritize work and assist where essentially needed.
- 2) Athletics Division staff rely on privately-owned (staff) vehicles for transportation of material, equipment and purchases.
- 3) All staff currently drive personal vehicles and submit monthly travel logs. Since the staff has grown over the past few years, the amount of travel has also increased. The cost will continue to increase as the staff continues to grow. Purchasing these vehicles would off set and decrease some of the travel mileage cost.
- 4) Mode of transportation is needed for additional staff.

**PROJECT ALTERNATIVES**

- 1) Use dump truck or ride with a crew in another truck, which requires the supervisor to remain with that crew until the task is complete and not address other issues as they may arise.
- 2) Continued use of personal vehicles (Town pays mileage)
- 3) Continue to pay staff or rent vehicles.
- 4) N/A

OPERATING IMPACT/OTHER COMMENTS

- 1) FY 20-21 - Two person crew with two trucks 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

Funds Approved to Date

Continuation - FY 2019

\$ -

Funds Expended to Date

\$ -

CAPITAL COST BREAKDOWN	Prior to July 2020	2020-21	2021-22	2022-23	2023-24	2024-25	Future Years
Purchase	\$ -	\$ 104,000	\$ 35,000	\$ -	\$ 35,000	\$ -	\$ -
Other	-	-	-	-	-	-	-
Total Project Costs	\$ -	\$ 104,000	\$ 35,000	\$ -	\$ 35,000	\$ -	\$ -

FUNDING SOURCE(S)	Prior to July 2020	2020-21	2021-22	2022-23	2023-24	2024-25	Future Years
General Fund	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Installment Purchase	-	104,000	35,000	-	35,000	-	-
Total Funding Sources	\$ -	\$ 104,000	\$ 35,000	\$ -	\$ 35,000	\$ -	\$ -

TOTAL PROJECT COST:**\$ 174,000**

TOWN OF WAKE FOREST
CAPITAL IMPROVEMENTS PROGRAM
CIP UPDATE FY 2020 - 2025

DEPARTMENT

Parks, Recreation and Cultural Resources

PROJECT MANAGER

Ruben Wall/Josh Glover

DEPARTMENTAL PRIORITY

Medium

PROJECT TITLE

5-Unit Reel mower(or Trim Cut)

TYPE OF PROJECT

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

PROJECT DESCRIPTION

Precision Cut Mower

JUSTIFICATION

Requisition of this piece of equipment will allow us to do more with less by almost doubling productivity at more than 8 feet cutting width. This unit will be used at Smith Creek Soccer Center.

**PROJECT ALTERNATIVES**

Continue to use zero turn mowers although they easily scalp turf and do not provide horsepower needed to cut higher density turf of athletic fields.

OPERATING IMPACT/OTHER COMMENTS

Increase in width of cut (8ft) versus zero turn mower will saving time and provide better quality athletic turf.

PROJECT STATUS

Funds Approved to Date

Continuation - FY 2017

\$ -

Funds Expended to Date

\$ -

CAPITAL COST BREAKDOWN	Prior to July 2020	2020-21	2021-22	2022-23	2023-24	2024-25	Future Years
Equipment	\$ -	\$ 65,000	\$ -	\$ -	\$ -	\$ -	\$ -
Other	-	-	-	-	-	-	-
Total Project Costs	\$ -	\$ 65,000	\$ -	\$ -	\$ -	\$ -	\$ -

FUNDING SOURCE(S)	Prior to July 2020	2020-21	2020-21	2022-23	2023-24	2024-25	Future Years
General Fund	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Installment Purchase	-	65,000	-	-	-	-	-
Total Funding Sources	\$ -	\$ 65,000	\$ -	\$ -	\$ -	\$ -	\$ -

TOTAL PROJECT COST:**\$ 65,000**

TOWN OF WAKE FOREST
CAPITAL IMPROVEMENTS PROGRAM
CIP UPDATE FY 2020 - 2025

DEPARTMENT

Parks, Recreation and Cultural Resources

PROJECT MANAGER

Ruben Wall/Josh Glover

DEPARTMENTAL PRIORITY

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 to be applied in maintenance of the WF Reservoir by having the ability to mow the dam face. Tractor has attachments with the ability to use this in Debris/Snow Removal and Soil/Site Prep/Turf Maintenance.

**PROJECT ALTERNATIVES**

N/A

OPERATING IMPACT/OTHER COMMENTS

For use in maintenance of the reservoir and reservoir park improvements. Purchase in year 2022-23 to mirror parking lot and boat ramp additions.

Purchase in FY 2021 in conjunction with Flaherty Field 3 Infield Grass Construction once staff levels increase to take maintenance off the WF Reservoir from landscape contractor.

PROJECT STATUS

Funds Approved to Date

Continuation - FY 2020

\$ -

Funds Expended to Date

\$ -

CAPITAL COST BREAKDOWN	Prior to July 2020	2020-21	2021-22	2022-23	2023-24	2024-25	Future Years
Equipment	\$ -	\$ 35,000	\$ -	\$ -	\$ -	\$ -	\$ -
Other	-	-	-	-	-	-	-
Total Project Costs	\$ -	\$ 35,000	\$ -	\$ -	\$ -	\$ -	\$ -

FUNDING SOURCE(S)	Prior to July 2020	2020-21	2021-22	2022-23	2023-24	2024-25	Future Years
General Fund	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Installment Purchase	-	35,000	-	-	-	-	-
Total Funding Sources	\$ -	\$ 35,000	\$ -	\$ -	\$ -	\$ -	\$ -

TOTAL PROJECT COST:**\$ 35,000**

**TOWN OF WAKE FOREST
CAPITAL IMPROVEMENTS PROGRAM
CIP UPDATE FY 2020-2025**

DEPARTMENT

Parks, Recreation & Cultural Resources

PROJECT MANAGER

Ruben Wall/Edward Austin

DEPARTMENTAL PRIORITY

Medium

PROJECT TITLE*Athletic Field Lighting System Replacement/Installation***TYPE OF PROJECT****x**

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

PROJECT DESCRIPTION

Replacement plan/program for lighting at athletic fields.

JUSTIFICATION

Existing systems are 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 fixtures and bulbs in use are being phased out and replacement bulbs, ballasts, and fixtures will become increasingly difficult to procure and much more expensive in the near future (2-5 years). The goal 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 Ailey Young Park and 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) Forrest Field system was replaced in FY 2014-15.
- B) Funds to retrofit the systems at Heritage High Park to allow remote monitoring were approved in the FY 2016-17 budget.
- On-Going Replacement Schedule:
- C) FY 2021-22 Flaherty Park / field 1 + ControLink for all fields- \$235,000
- D) FY 2022-23 Flaherty Park field 2 - \$250,000
- E) FY 2023-24 Flaherty Park field 3 + tennis courts -\$300,000
- F) FY 2024-25 Wake Forest Middle School Park softball field - \$275,000
- G) Future Years- Ailey Young Park/Tyler Run Park new installation - \$450,000

**PROJECT ALTERNATIVES**

Continue to use the existing lighting with repairs as necessary.

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. Twenty-five-year warranty for fixtures and bulbs and Control Link monitoring service included.

PROJECT STATUS

Funds Approved to Date

Continuation - FY 2016

\$ -

Funds Expended to Date

\$ -

CAPITAL COST BREAKDOWN	Prior to July 2020	2020-21	2021-22	2022-23	2023-24	2024-25	Future Years
Purchase	-	\$ -	\$ 235,000	\$ 250,000	\$ 300,000	\$ 275,000	450,000
Other	-	-	-	-	-	-	-
Total Project Costs	\$ -	\$ -	\$ 235,000	\$ 250,000	\$ 300,000	\$ 275,000	\$ 450,000

FUNDING SOURCE(S)	Prior to July 2020	2020-21	2021-22	2022-23	2023-24	2024-25	Future Years
General Fund	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
GO Bonds - Future Referendum FY 2022	-	-	235,000	250,000	300,000	275,000	450,000
Total Funding Sources	\$ -	\$ -	\$ 235,000	\$ 250,000	\$ 300,000	\$ 275,000	\$ 450,000

TOTAL PROJECT COST:**\$ 1,510,000**

TOWN OF WAKE FOREST
CAPITAL IMPROVEMENTS PROGRAM
CIP UPDATE FY 2020-2025

DEPARTMENT

Parks, Recreation and Cultural Resources

PROJECT MANAGER

Ruben Wall/Josh Glover

DEPARTMENTAL PRIORITY

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 Machine

JUSTIFICATION

Purchasing this equipment would eliminate \$12,000 annually that is paid to a contractor to have this done one time each year. Our athletic fields need this practice performed at least 3 times each year to promote water drainage and root systems. This would cause fewer athletic program rain-outs, safer playing surfaces, and better field performance during dry weather conditions.

**PROJECT ALTERNATIVES**

Expand funding to contractor.

OPERATING IMPACT/OTHER COMMENTS

- 1) The impact would be approx. savings of \$15,000 annually that is currently paid to a contractor to have this done once a year.
- 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*Funds Approved to Date*

Continuation - FY 2018

\$ -

Funds Expended to Date

\$ -

CAPITAL COST BREAKDOWN	Prior to July 2020	2020-21	2021-22	2022-23	2023-24	2024-25	Future Years
Equipment	\$ -	\$ -	\$ 40,000	\$ -	\$ -	\$ -	\$ -
Contingency	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-
Total Project Costs	\$ -	\$ -	\$ 40,000	\$ -	\$ -	\$ -	\$ -

FUNDING SOURCE(S)	Prior to July 2020	2020-21	2021-22	2022-23	2023-24	2024-25	Future Years
General Fund	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Installment Purchase	-	-	40,000	-	-	-	-
Total Funding Sources	\$ -	\$ -	\$ 40,000	\$ -	\$ -	\$ -	\$ -

TOTAL PROJECT COST:**\$ 40,000**

**TOWN OF WAKE FOREST
CAPITAL IMPROVEMENTS PROGRAM
CIP UPDATE FY 2020-2025**

DEPARTMENT

Parks, Recreation and Cultural Resources

PROJECT MANAGER

Ruben Wall/Josh Glover

DEPARTMENTAL PRIORITY

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.

OPERATING IMPACT/OTHER COMMENTS

*3 fields at Flaherty Park (2021-22)
 *Tyler Run Park, Forest Field (2022-23) Bleachers purchased in 2018-19, allowing for reduction in FY 21-22 cost
 *This would provide easier maintenance and permanent structures. In addition, it would reduce on-going maintenance issues.

PROJECT STATUS

Funds Approved to Date

Continuation - FY 2018

\$ -

Funds Expended to Date

\$ -

CAPITAL COST BREAKDOWN	Prior to July 2020	2020-21	2021-22	2022-23	2023-24	2024-25	Future Years
Construction	\$ -	\$ -	\$ 197,000	\$ 90,000	\$ -	\$ -	\$ -
Other	-	-	-	-	-	-	-
Total Project Costs	\$ -	\$ -	\$ 197,000	\$ 90,000	\$ -	\$ -	\$ -

FUNDING SOURCE(S)	Prior to July 2020	2020-21	2021-22	2022-23	2023-24	2024-25	Future Years
General Fund	\$ -	\$ -	\$ 197,000	\$ 90,000	\$ -	\$ -	\$ -
	-	-	-	-	-	-	-
Total Funding Sources	\$ -	\$ -	\$ 197,000	\$ 90,000	\$ -	\$ -	\$ -

TOTAL PROJECT COST:**\$ 287,000**

TOWN OF WAKE FOREST
CAPITAL IMPROVEMENTS PROGRAM
CIP UPDATE FY 2020-2025

DEPARTMENT

Parks, Recreation and Cultural Resources

PROJECT MANAGER

Ruben Wall/Josh Glover

DEPARTMENTAL PRIORITY

Medium

PROJECT TITLE*Joyner Park Amphitheater Irrigation***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, surround the restrooms and the community center.

JUSTIFICATION

With the upcoming project at Joyner Park we anticipate a significant increase in activity and visitors. Installing irrigation in the amphitheater will allow for better aesthetics in summer months, but also allow for better maintenance and provide us a better product to present to the public. This installation will allow the turf to look great regardless of the weather.

*Picture on top is result of dry weather in the summer.

**PROJECT ALTERNATIVES**

Current system is not in use because of continued pump issues. This system will bypass the existing, and allow for surplus of the pump.

OPERATING IMPACT/OTHER COMMENTS

Irrigation will allow for better aesthetics, weed control and an overall better product for an area that has many events and is seen by lots of people.

PROJECT STATUS*Funds Approved to Date*

Continuation - FY 2019

\$ -

Funds Expended to Date

\$ -

CAPITAL COST BREAKDOWN	Prior to July 2020	2020-21	2021-22	2022-23	2023-24	2024-25	Future Years
Construction	\$ -	\$ -	\$ -	\$ 50,000	\$ -	\$ -	\$ -
Other	-	-	-	-	-	-	-
Total Project Costs	\$ -	\$ -	\$ -	\$ 50,000	\$ -	\$ -	\$ -

FUNDING SOURCE(S)	Prior to July 2020	2020-21	2021-22	2022-23	2023-24	2024-25	Future Years
General Fund	\$ -	\$ -	\$ -	\$ 50,000	\$ -	\$ -	\$ -
	-	-	-	-	-	-	-
Total Funding Sources	\$ -	\$ -	\$ -	\$ 50,000	\$ -	\$ -	\$ -

TOTAL PROJECT COST:**\$ 50,000**

TOWN OF WAKE FOREST
CAPITAL IMPROVEMENTS PROGRAM
CIP UPDATE FY 2020 - 2025

DEPARTMENT

Parks, Recreation and Cultural Resources

PROJECT MANAGER

Ruben Wall/Josh Glover

DEPARTMENTAL PRIORITY

Medium

PROJECT TITLE*Holding Park Destination Playground***TYPE OF PROJECT**

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

PROJECT DESCRIPTION

Improved, inclusive playground at Holding Park. This item will include a new, tiled playground surface and a select few additional pieces while amending the current play structure to become accessible. Also included is to address a drainage issue adjacent to the current playground area.

JUSTIFICATION

The strategic plan calls for a destination playground at Holding Park and ADA improvements. The surface will be accessible by ADA standards and the new equipment will be inclusive. This destination playground will match the new pool as a big attraction for citizens and visitors.

**PROJECT ALTERNATIVES**

Leave playground as is and address drainage issue for the short term.

OPERATING IMPACT/OTHER COMMENTS

The impact will be an upgrade to the existing playground to meet ADA standards and allow better access.

Remove and re-install existing playground at Smith Creek Soccer Center.

PROJECT STATUS*Funds Approved to Date*

Continuation - FY 2019

\$ -

Funds Expended to Date

\$ -

CAPITAL COST BREAKDOWN	Prior to July 2020	2020-21	2021-22	2022-23	2023-24	2024-25	Future Years
Planning & Engineering	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Construction	-	-	-	-	400,000	-	-
Equipment	-	-	-	-	-	-	-
Other - PAC 1%	-	-	-	-	4,000	-	-
Total Project Costs	\$ -	\$ -	\$ -	\$ -	\$ 404,000	\$ -	\$ -

FUNDING SOURCE(S)	Prior to July 2019	2020-21	2021-22	2022-23	2023-24	2024-25	Future Years
General Fund	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
GO Bond - Future Referendum FY 2022	-	-	-	-	404,000	-	-
Total Funding Sources	\$ -	\$ -	\$ -	\$ -	\$ 404,000	\$ -	\$ -

TOTAL PROJECT COST:**\$ 404,000**

TOWN OF WAKE FOREST
CAPITAL IMPROVEMENTS PROGRAM
CIP UPDATE FY 2020 - 2025

DEPARTMENT

Parks, Recreation and Cultural Resources

PROJECT MANAGER

Ruben Wall/Josh Glover

DEPARTMENTAL PRIORITY

Medium

PROJECT TITLE*Park Sidewalk Connections***TYPE OF PROJECT**

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

PROJECT DESCRIPTION

Park Sidewalk Connections

JUSTIFICATION

Many of our park features are not connected to each or the street sidewalk.
 This project aims to accomplish this task.

Locations:

- 1) Flaherty Dog Park to streets, restrooms, and greenway
- 2) Flaherty tennis courts to community center and continue along the parking lot.
- 3) Tyler Run Park and Smith Creek Soccer Center

**PROJECT ALTERNATIVES**

Asphalt Multi-use path, or greenway.

OPERATING IMPACT/OTHER COMMENTS

Connect all park features.

PROJECT STATUS*Funds Approved to Date*

Continuation - FY 2020

\$ -

Funds Expended to Date

\$ -

CAPITAL COST BREAKDOWN	Prior to July 2020	2020-21	2021-22	2022-23	2023-24	2024-25	Future Years
Purchase	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Construction	-	-	-	-	100,000	-	-
Total Project Costs	\$ -	\$ -	\$ -	\$ -	\$ 100,000	\$ -	\$ -

FUNDING SOURCE(S)	Prior to July 2020	2020-21	2021-22	2022-23	2023-24	2024-25	Future Years
General Fund	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Recreation Impact Fees	-	-	-	-	100,000	-	-
Total Funding Sources	\$ -	\$ -	\$ -	\$ -	\$ 100,000	\$ -	\$ -

TOTAL PROJECT COST:**\$ 100,000**

TOWN OF WAKE FOREST
CAPITAL IMPROVEMENTS PROGRAM
CIP UPDATE FY 2020 - 2025

DEPARTMENT

Parks, Recreation and Cultural Resources

PROJECT MANAGER

Ruben Wall/Josh Glover

DEPARTMENTAL PRIORITY

Medium

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 loop walks. The addition of this loop would accomplish that while adding to our greenway system.

**PROJECT ALTERNATIVES**

After looking in to path alternatives, nothing else would be ADA compliant.

OPERATING IMPACT/OTHER COMMENTS

General maintenance to maintain the greenway once installed would be the only impact. The goal is to encourage health & wellness.

PROJECT STATUS

Funds Approved to Date

Continuation - FY 2019

\$ -

Funds Expended to Date

\$ -

CAPITAL COST BREAKDOWN	Prior to July 2020	2020-21	2021-22	2022-23	2023-24	2024-25	Future Years
Planning & Engineering	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Construction	-	-	-	-	-	200,000	-
Other	-	-	-	-	-	-	-
Total Project Costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 200,000	\$ -

FUNDING SOURCE(S)	Prior to July 2020	2020-21	2021-22	2022-23	2023-24	2024-25	Future Years
General Fund	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Recreation Impact Fees	-	-	-	-	-	200,000	-
Total Funding Sources	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 200,000	\$ -

TOTAL PROJECT COST:**\$ 200,000**

TOWN OF WAKE FOREST
CAPITAL IMPROVEMENTS PROGRAM
CIP UPDATE FY 2020 - 2025

DEPARTMENT

Parks, Recreation and Cultural Resources

PROJECT MANAGER

Ruben Wall/Josh Glover

DEPARTMENTAL PRIORITY

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 be more sanitary and cost efficient over time.

Locations:

Rank - 1. Smith Creek, 2. Tyler Run Park, 3. Miller Park, 4. Ailey Young, 5. Flaherty Tennis Courts.

**PROJECT ALTERNATIVES**

Continue to use to rent port-a-johns.

OPERATING IMPACT/OTHER COMMENTS

Installation, cost to maintain and clean daily would be added to the current cleaning contract.

PROJECT STATUS*Funds Approved to Date*

Continuation - FY 2020

\$ -

Funds Expended to Date

\$ -

CAPITAL COST BREAKDOWN	Prior to July 2020	2020-21	2021-22	2022-23	2023-24	2024-25	Future Years
Equipment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,475,000	\$ -
Other - PAC 1%	-	-	-	-	-	25,000	
Total Project Costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,500,000	\$ -

FUNDING SOURCE(S)	Prior to July 2020	2020-21	2021-22	2022-23	2023-24	2024-25	Future Years
General Fund	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
GO Bonds - Bond Referendum FY 2022	-	-	-	-	-	2,500,000	-
Total Funding Sources	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,500,000	\$ -

TOTAL PROJECT COST:**\$ 2,500,000**

**TOWN OF WAKE FOREST
CAPITAL IMPROVEMENTS PROGRAM
CIP UPDATE FY 2020-2025**

DEPARTMENT

Parks, Recreation and Cultural Resources

PROJECT MANAGER

Ruben Wall/Josh Glover

DEPARTMENTAL PRIORITY

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.
- *Save funds by not renting school facilities.

PROJECT STATUS

Funds Approved to Date

Continuation - FY 2018

\$ -

Funds Expended to Date

\$ -

CAPITAL COST BREAKDOWN	Prior to July 2020	2020-21	2021-22	2022-23	2023-24	2024-25	Future Years
Planning & Engineering	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	650,000
Construction	-	-	-	-	-	-	\$ 7,270,792
Contingency	-	-	-	-	-	-	-
Other - PAC	-	-	-	-	-	-	79,208
Total Project Costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 8,000,000

FUNDING SOURCE(S)	Prior to July 2020	2020-21	2021-22	2022-23	2023-24	2024-25	Future Years
General Fund	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
GO Bonds - Future Referendum FY 2024	-	-	-	-	-	-	7,500,000
Grants - Future Application - PARTF	-	-	-	-	-	-	500,000
Total Funding Sources	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 8,000,000

TOTAL PROJECT COST:**\$ 8,000,000**

**TOWN OF WAKE FOREST
CAPITAL IMPROVEMENTS PROGRAM
CIP UPDATE FY 2020 - 2025**

DEPARTMENT	PROJECT MANAGER	DEPARTMENTAL PRIORITY
Parks, Recreation and Cultural Resources	Ruben Wall/Josh Glover	Medium

PROJECT TITLE	TYPE OF PROJECT								
Ailey Young Park Improvements	<table> <tr><td></td><td>1 - Health/Safety/Welfare</td></tr> <tr><td>X</td><td>2 - Maintenance/Replacement</td></tr> <tr><td></td><td>3 - Existing Programs Expansion</td></tr> <tr><td></td><td>4 - New Program</td></tr> </table>		1 - Health/Safety/Welfare	X	2 - Maintenance/Replacement		3 - Existing Programs Expansion		4 - New Program
	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

Funds Approved to Date

Continuation - FY 2017
\$ 175,000

Funds Expended to Date

\$ -

CAPITAL COST BREAKDOWN	Prior to July 2020	2020-21	2021-22	2022-23	2023-24	2024-25	Future Years
Planning & Engineering	\$ 173,300	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Purchase	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	2,832,400
Equipment	-	-	-	-	-	-	25,000
Contingency	-	-	-	-	-	-	759,600
Other - PAC	1,700	-	-	-	-	-	28,400
Total Project Costs	\$ 175,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,645,400

FUNDING SOURCE(S)	Prior to July 2020	2020-21	2021-22	2022-23	2023-24	2024-25	Future Years
General Fund	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
GO Bonds - Current Referendum - Not Issued	175,000	-	-	-	-	-	-
GO Bonds - Future Referendum FY 2024	-	-	-	-	-	-	3,120,400
Grant - Future PART-F Application	-	-	-	-	-	-	500,000
Other	-	-	-	-	-	-	-
Total Funding Sources	\$ 175,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,620,400

TOTAL PROJECT COST:**\$ 3,795,400**

Capital Improvement Plan
ENVIRONMENTAL SERVICES SUMMARY - BY PROJECT

PROJECT TITLE	PRIORITY TYPE	PRIOR TO JULY 2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	FUTURE YEARS	TOTALS
1 North White Street Landfill - Cap Construction	H - 1	\$ 125,000	\$ 565,000	\$ -	\$ 625,000	\$ -	\$ -	\$2,000,000	\$ 3,315,000
2 Vacuum Leaf Trucks (2)	M - 3	-	220,000	-	230,000	-	-	-	450,000
TOTALS		\$ 125,000	\$ 785,000	\$ -	\$ 855,000	\$ -	\$ -	\$2,000,000	\$ 3,765,000

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 2020-2025**

DEPARTMENT

Environmental Services

SUBMITTED BY

Allison Snyder

DEPARTMENTAL PRIORITY

High

PROJECT TITLE

North White Street Landfill - Cap Construction

TYPE OF PROJECT

X

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

PROJECT DESCRIPTION

The town owned and operated a landfill on N. White Street (adjacent to Flaherty Park) from the mid 1950s until the late 1980s or early 1990s. Since 1995, the town has contracted with Froehling & Robertson, Inc. (F&R) to conduct ground water monitoring and assist with complying with state regulations.

JUSTIFICATION

In April 2001, the town received approval from the state to put a firing range on the old site which is currently being used by our Police department. In July 2017, the town received a notice of violation (from NCDEQ - Solid Waste Section) of minimal levels of contaminants and was directed to put together a corrective action plan (CAP). Several steps have been taken to mitigate possible contamination, however as part of the required CAP, the town needs to take action to remove the trees on the northern portion of the landfill, remove exposed trash, continue monitoring, remove some of the waste and provide a cover system and to fully close the old landfill. In FY 19-20, staff requested quotes for grading repair, FY 20-21 will continue work to repair Notice of Violation Issues.

**PROJECT ALTERNATIVES**

There are no alternatives - no action could result in excessive fines from the State and potential contamination of the surrounding area.

OPERATING IMPACT/OTHER COMMENTS

Providing a cover - could use site for passive recreational purposes. Continue to use site for firing range.
Annual operating impact between \$65,000 - \$75,000 for continued monitoring.

PROJECT STATUS

Funds Approved to Date

Continuation - FY 2020

\$ 190,600

Funds Expended to Date

\$ 18,150

CAPITAL COST BREAKDOWN	Prior to July 2020	2020-21	2021-22	2022-23	2023-24	2024-25	Future Years
Planning & Engineering	\$ 125,000	\$ 60,000	\$ -	\$ 125,000	\$ -	\$ -	\$ -
Purchase	-	-	-	-	-	-	-
Construction	-	505,000	-	500,000	-	-	2,000,000
Equipment	-	-	-	-	-	-	-
Contingency	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-
Total Project Costs	\$ 125,000	\$ 565,000	\$ -	\$ 625,000	\$ -	\$ -	

FUNDING SOURCE(S)	Prior to July 2020	2020-21	2021-22	2022-23	2023-24	2024-25	Future Years
General Fund	\$ 125,000	\$ 60,000	\$ -	\$ 125,000	\$ -	\$ -	\$ -
GO Bonds - Future Referendum FY 2022	-	505,000	-	500,000	-	-	-
GO Bonds - Future Referendum	-	-	-	-	-	-	2,000,000
Grants	-	-	-	-	-	-	-
Total Funding Sources	\$ 125,000	\$ 565,000	\$ -	\$ 625,000	\$ -	\$ -	\$ 2,000,000

TOTAL PROJECT COST:**\$ 3,315,000**

TOWN OF WAKE FOREST
CAPITAL IMPROVEMENTS PROGRAM
CIP UPDATE FY 2020 - 2025

DEPARTMENT

Environmental Services

PROJECT MANAGER

Allison Snyder

DEPARTMENTAL PRIORITY

Medium

PROJECT TITLE

(2) - Vacuum Leaf Truck - Addition

TYPE OF PROJECT

- | | |
|---|---------------------------------|
| | 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.

**PROJECT ALTERNATIVES**

Collect leaves in paper bags year round, 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 2020	2020-21	2021-22	2022-23	2023-2024	2024-2025	Future Years
Purchase	\$ -	\$ 220,000	\$ -	\$ 230,000	\$ -	\$ -	\$ -
Other	-	-	-	-	-	-	-
Total Project Costs	\$ -	\$ 220,000	\$ -	\$ 230,000	\$ -	\$ -	\$ -

FUNDING SOURCE(S)	Prior to July 2020	2020-21	2021-22	2022-23	2023-2024	2024-2025	Future Years
General Fund	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Installment Purchase	-	220,000	-	230,000	-	-	-
Total Funding Sources	\$ -	\$ 220,000	\$ -	\$ 230,000	\$ -	\$ -	\$ -

TOTAL PROJECT COST:**\$ 450,000**

Capital Improvement Plan
FLEET SUMMARY - BY PROJECT

PROJECT TITLE	PRIORITY TYPE	PRIOR TO JULY 2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	FUTURE YEARS	TOTALS
1 Fleet Management Software	M - 3	-	-	-	90,000	-	-	-	90,000
TOTALS		\$ -	\$ -	\$ -	\$ 90,000	\$ -	\$ -	\$ -	\$ 90,000

Priority definitions:

H
M
L

High
Medium
Low

Program type:

1
2
3
4

Health/Safety/Welfare
Maintenance/Replacement
Existing programs expansion
New programs expansion

**TOWN OF WAKE FOREST
CAPITAL IMPROVEMENTS PROGRAM
CIP UPDATE FY 2020-2025**

DEPARTMENT

Fleet

SUBMITTED BY

Alison Snyder

DEPARTMENTAL PRIORITY

Medium

PROJECT TITLE*Fleet Management Software***TYPE OF PROJECT**

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

PROJECT DESCRIPTION

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

JUSTIFICATION

Current software is outdated and may become incapable with current practices.

**PROJECT ALTERNATIVES**

*Develop inhouse software.

OPERATING IMPACT/OTHER COMMENTS

Systems track costs associated per vehicle and determine schedule replacement. Also determine charge backs for each department.

PROJECT STATUS

Continuation - FY 2020

Funds Approved to Date

\$ -

Funds Expended to Date

\$ -

CAPITAL COST BREAKDOWN	Prior to July 2020	2020-21	2021-22	2022-23	2023-24	2024-25	Future Years
Purchase	\$ -	\$ -	\$ -	\$ 90,000	\$ -	\$ -	\$ -
Other	-	-	-	-	-	-	-
Total Project Costs	\$ -	\$ -	\$ -	\$ 90,000	\$ -	\$ -	\$ -

FUNDING SOURCE(S)	Prior to July 2020	2020-21	2021-22	2022-23	2023-24	2024-25	Future Years
General Fund	\$ -	\$ -	\$ -	\$ 90,000	\$ -	\$ -	\$ -
Total Funding Sources	\$ -	\$ -	\$ -	\$ 90,000	\$ -	\$ -	\$ -

TOTAL PROJECT COST:**\$ 90,000**

Capital Improvement Plan
STREETS SUMMARY - BY PROJECT

PROJECT TITLE	PRIORITY TYPE	PRIOR TO JULY 2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	FUTURE YEARS	TOTALS
1 Transportation New Sidewalk Projects	M - 3	\$ 80,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ -	580,000
2 Single Axle Dump Truck	M - 3	-	215,000	-	-	-	-	-	215,000
3 RAVO Street Sweeper	M - 3	-	250,000	-	-	-	-	-	250,000
4 Town Roadway Lighting	M - 1	-	-	50,000	50,000	50,000	-	-	150,000
5 Thermoplast Hand-Held Torches	M - 2	-	-	37,000	-	-	-	-	37,000
6 Hot Patch Machine	M - 3	-	-	250,000	-	-	-	-	250,000
7 Small Concrete Mixing Truck	M - 3	-	-	-	-	250,000	-	-	250,000
TOTALS		\$ 80,000	\$ 565,000	\$ 437,000	\$ 150,000	\$ 400,000	\$ 100,000	\$ -	\$ 1,732,000

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 2020-2025**

DEPARTMENT

Streets

PROJECT MANAGER

Tim Bailey

DEPARTMENTAL PRIORITY

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 Zoning Ordinance for new development. The amounts reflect today's costs as identified in the transportation plan. Originally set to begin in FY 2017-18, through 2020-21, expanded thru 2024-25 to reflect consistent growth throughout the Town.

PRIORITIES

North White Street- Roosevelt to Flaherty
North Avenue- Start to End
Roosevelt- Front Street to Wait Ave
W.Holding- 650 ft
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

\$ -

Funds Expended to Date

\$ -

CAPITAL COST BREAKDOWN	Prior to July 2020	2020-21	2021-22	2022-23	2023-24	2024-25	Future Years
Planning & Engineering	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ -
Construction	75,000	95,000	95,000	95,000	95,000	95,000	-
Other	-	-	-	-	-	-	-
Total Project Costs	\$ 80,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ -

FUNDING SOURCE(S)	Prior to July 2020	2020-21	2021-22	2022-23	2023-24	2024-25	Future Years
General Fund	\$ 80,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ -
	-	-	-	-	-	-	-
Total Funding Sources	\$ 80,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ -

TOTAL PROJECT COST:**\$ 580,000**

**TOWN OF WAKE FOREST
CAPITAL IMPROVEMENTS PROGRAM
CIP UPDATE FY 2020-2025**

DEPARTMENT

Streets

PROJECT MANAGER

Tim Bailey

DEPARTMENTAL PRIORITY

Medium

PROJECT TITLE*Single Axle Dump Truck - Fleet 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.

PROJECT STATUS*Funds Approved to Date*

Continuation - FY 2019

\$ -

Funds Expended to Date

\$ -

CAPITAL COST BREAKDOWN	Prior to July 2020	2020-21	2021-22	2022-23	2023-24	2024-25	Future Years
Purchase	\$ -	\$ 215,000	\$ -	\$ -	\$ -	\$ -	\$ -
Other	-	-	-	-	-	-	-
Total Project Costs	\$ -	\$ 215,000	\$ -	\$ -	\$ -	\$ -	\$ -

FUNDING SOURCE(S)	Prior to July 2020	2020-21	2021-22	2022-23	2023-24	2024-25	Future Years
General Fund	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Installment Purchase	-	215,000	-	-	-	-	-
Total Funding Sources	\$ -	\$ 215,000	\$ -	\$ -	\$ -	\$ -	\$ -

TOTAL PROJECT COST:**\$ 215,000**

**TOWN OF WAKE FOREST
CAPITAL IMPROVEMENTS PROGRAM
CIP UPDATE FY 2020-2025**

DEPARTMENT

Streets

PROJECT MANAGER

Tim Bailey

DEPARTMENTAL PRIORITY

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 addition will enable the Town to perform better and more consistent maintenance as it relates to debris in the street and curb line. 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

New Project - FY 2021

Funds Approved to Date

\$ -

Funds Expended to Date

\$ -

CAPITAL COST BREAKDOWN	Prior to July 2020	2020-21	2021-22	2022-23	2023-24	2024-25	Future Years
Purchase	\$ -	\$ 250,000	\$ -	\$ -	\$ -	\$ -	\$ -
Equipment	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-
Total Project Costs	\$ -	\$ 250,000	\$ -	\$ -	\$ -	\$ -	\$ -

FUNDING SOURCE(S)	Prior to July 2020	2020-21	2021-22	2022-23	2023-24	2024-25	Future Years
General Fund	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Installment Purchase	-	250,000	-	-	-	-	-
Total Funding Sources	\$ -	\$ 250,000	\$ -	\$ -	\$ -	\$ -	\$ -

TOTAL PROJECT COST:**\$ 250,000**

**TOWN OF WAKE FOREST
CAPITAL IMPROVEMENTS PROGRAM
CIP UPDATE FY 2020-2025**

DEPARTMENT

Streets

PROJECT MANAGER

Allison Snyder

DEPARTMENTAL PRIORITY

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 as well as the traveling public, it would be advisable to light the roadways of Wake Forest. This project is for lighting along town owned roads not in the Wake Power service district. It is general policy of the Town to light all streets within Town limits. Other areas for lighting include but are not limited to:

1) Jones Dairy Rd. - from NC 98 ByPass to Friendship Chapel Rd. (Wake Forest Power & Wake Electric).

Also included is changing out existing HPS fixtures with LED Fixtures in areas around Town.

**PROJECT ALTERNATIVES**

Maintain current status.

OPERATING IMPACT/OTHER COMMENTS

*Providing lighting will generate a safer environment for the traveling public.

*Recommended that the we conduct townwide lighting assessment.

PROJECT STATUS

Continuation - FY 2014

Funds Approved to Date

\$ -

Funds Expended to Date

\$ -

CAPITAL COST BREAKDOWN	Prior to July 2020	2020-21	2021-22	2022-23	2023-24	2024-25	Future Years
Planning & Engineering	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Construction	-	-	50,000	50,000	50,000	-	-
Other	-	-	-	-	-	-	-
Total Project Costs	\$ -	\$ -	\$ 50,000	\$ -	\$ -	\$ -	\$ -

FUNDING SOURCE(S)	Prior to July 2020	2020-21	2021-22	2022-23	2023-24	2024-25	Future Years
General Fund	\$ -	\$ -	\$ 50,000	\$ 50,000	\$ 50,000	\$ -	\$ -
Total Funding Sources	\$ -	\$ -	\$ 50,000	\$ 50,000	\$ 50,000	\$ -	\$ -

TOTAL PROJECT COST:**\$ 150,000**

**TOWN OF WAKE FOREST
CAPITAL IMPROVEMENTS PROGRAM
CIP UPDATE FY 2020-2025**

DEPARTMENT

Streets

PROJECT MANAGER

Allison Snyder

DEPARTMENTAL PRIORITY

Medium

PROJECT TITLE*Thermoplastic Hand-Held Torch***TYPE OF PROJECT**

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

PROJECT DESCRIPTION

The Public Works Department has begun to be more proactive to resident concerns related to parking and safety. Currently the Department has a machine to heat up thermoplast block. Thermoplast is a hot melt paint that includes tiny particles of plastic and lasts longer than paint.

JUSTIFICATION

The Department requests to purchase two hand-held torches to utilize strips of thermoplast which is becoming the normal practice in the industry rather than block.

**PROJECT ALTERNATIVES**

Continue to use 10 year-old block machine or only paint striping rather than utilizing thermoplast.

OPERATING IMPACT/OTHER COMMENTS

This purchase will result in an on-going need to purchase thermoplastic strips each year.

PROJECT STATUS

New Project - FY 2021

Funds Approved to Date

\$ -

Funds Expended to Date

\$ -

CAPITAL COST BREAKDOWN	Prior to July 2020	2020-21	2021-22	2022-23	2023-24	2024-25	Future Years
Equipment	\$ -	\$ -	\$ 30,000	\$ -	\$ -	\$ -	\$ -
Other	-	-	7,000	-	-	-	-
Total Project Costs	\$ -	\$ -	\$ 37,000	\$ -	\$ -	\$ -	\$ -

FUNDING SOURCE(S)	Prior to July 2020	2020-21	2021-22	2022-23	2023-24	2024-25	Future Years
General Fund	\$ -	\$ -	\$ 37,000	\$ -	\$ -	\$ -	\$ -
Total Funding Sources	\$ -	\$ -	\$ 37,000	\$ -	\$ -	\$ -	\$ -

TOTAL PROJECT COST:**\$ 37,000**

**TOWN OF WAKE FOREST
CAPITAL IMPROVEMENTS PROGRAM
CIP UPDATE FY 2020-2025**

DEPARTMENT

Streets

PROJECT MANAGER

Tim Bailey

DEPARTMENTAL PRIORITY

Medium

PROJECT TITLE*Hot Patch Machine- Addition***TYPE OF PROJECT**

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

PROJECT DESCRIPTION

Hot Patch Machine

JUSTIFICATION

The purchase of this machine will allow Town Street Crews to perform more complex patching operations. As major projects come forward, the Division will be better prepared to perform this work more efficiently.

**PROJECT ALTERNATIVES**

Continue current practice of contracting this out.

OPERATING IMPACT/OTHER COMMENTS

The result should equate to better efficiency of the Street crew during the paving rehab process.

PROJECT STATUS

Continuation - FY 2020

Funds Approved to Date

\$ -

Funds Expended to Date

\$ -

CAPITAL COST BREAKDOWN	Prior to July 2020	2020-21	2021-22	2022-23	2023-24	2024-25	Future Years
Purchase	\$ -	\$ -	\$ 250,000	\$ -	\$ -	\$ -	\$ -
Other	-	-	-	-	-	-	-
Total Project Costs	\$ -	\$ -	\$ 250,000	\$ -	\$ -	\$ -	\$ -

FUNDING SOURCE(S)	Prior to July 2020	2020-21	2021-22	2022-23	2023-24	2024-25	Future Years
General Fund	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Installment Purchase	-	-	250,000	-	-	-	-
Total Funding Sources	\$ -	\$ -	\$ 250,000	\$ -	\$ -	\$ -	\$ -

TOTAL PROJECT COST:**\$ 250,000**

**TOWN OF WAKE FOREST
CAPITAL IMPROVEMENTS PROGRAM
CIP UPDATE FY 2020-2025**

DEPARTMENT	PROJECT MANAGER	DEPARTMENTAL PRIORITY
Streets	Tim Bailey	Medium

PROJECT TITLE	TYPE OF PROJECT
Small Concrete Mixing Truck- Addition	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. Owning our own 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 our labor cost would decrease due to eliminating the delivery window for concrete. The chassis is estimated at \$200,000 with manufacturer recommending an additional \$5,000 be adjusted each year for inflation. With staff requesting the item in four years, an additional \$20,000 is requested.



PROJECT ALTERNATIVES	OPERATING IMPACT/OTHER COMMENTS
Continue with current practices.	N/A.

PROJECT STATUS

New Project - FY 2021

Funds Approved to Date

\$ -

Funds Expended to Date

\$ -

CAPITAL COST BREAKDOWN	Prior to July 2020	2020-21	2021-22	2022-23	2023-24	2024-25	Future Years
Purchase	\$ -	\$ -	\$ -	\$ -	\$ 250,000	\$ -	\$ -
Other	-	-	-	-	-	-	-
Total Project Costs	\$ -	\$ -	\$ -	\$ -	\$ 250,000	\$ -	\$ -

FUNDING SOURCE(S)	Prior to July 2020	2020-21	2021-22	2022-23	2023-24	2024-25	Future Years
General Fund	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Installment Purchase	-	-	-	-	250,000	-	-
Total Funding Sources	\$ -	\$ -	\$ -	\$ -	\$ 250,000	\$ -	\$ -

TOTAL PROJECT COST:**\$ 250,000**

Capital Improvement Plan
ELECTRIC SUMMARY - BY PROJECT

PROJECT TITLE	PRIORITY TYPE	PRIOR TO JULY 2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	FUTURE YEARS	TOTALS
1 Electric Building Location - 5301 Unicon Dr.	M - 3	\$ 400,000	\$ 500,000	\$ 500,000	\$ -	\$ -	\$ -	\$ -	\$ 1,400,000
2 Line Construction/System Improvements	M - 2	800,000	1,100,000	1,200,000	1,300,000	1,400,000	1,400,000	-	7,200,000
3 LED Conversion	H - 2	-	312,500	-	312,500	-	-	-	625,000
4 Four Position Watt-Hour Meter Test Board	M - 3	-	90,000	-	-	-	-	-	90,000
5 Back Property Digger Derrick	M - 3	-	-	180,000	-	-	-	-	180,000
6 Hwy 98 Substation Wildlife Protection	M - 3	-	-	-	30,000	-	-	-	30,000
7 Pick-Up Truck - Additional Vehicle	M - 3	-	-	-	-	75,000	-	-	75,000
TOTALS		\$ 1,200,000	\$ 2,002,500	\$ 1,880,000	\$ 1,642,500	\$ 1,475,000	\$ 1,400,000	\$ -	\$ 9,600,000

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 2020-2025**

DEPARTMENT

Public Facilities

SUBMITTED BY

Mickey Rochelle

DEPARTMENTAL PRIORITY

Medium

PROJECT TITLE*Electric Building Location - 5301 Unicon Dr.***TYPE OF PROJECT**

- | | |
|---|---------------------------------|
| | 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**

N/A

OPERATING IMPACT/OTHER COMMENTS

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 2020

Funds Approved to Date

\$ 400,000

Funds Expended to Date

\$ -

CAPITAL COST BREAKDOWN	Prior to July 2020	2020-21	2021-22	2022-23	2023-24	2024-25	Future Years
Planning & Engineering	\$ 60,000	\$ 500,000	\$ 500,000	\$ -	\$ -	\$ -	\$ -
Purchase	-	-	-	-	-	-	-
Construction	340,000	-	-	-	-	-	-
Equipment	-	-	-	-	-	-	-
Contingency	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-
Total Project Costs	\$ 400,000	\$ 500,000	\$ 500,000	\$ -	\$ -	\$ -	\$ -

FUNDING SOURCE(S)	Prior to July 2020	2020-21	2021-22	2022-23	2023-24	2024-25	Future Years
Installment Purchase	\$ 400,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Electric Fund	-	500,000	500,000	-	-	-	-
Total Funding Sources	\$ 400,000	\$ 500,000	\$ 500,000	\$ -	\$ -	\$ -	\$ -

TOTAL PROJECT COST:**\$ 1,400,000**

**TOWN OF WAKE FOREST
CAPITAL IMPROVEMENTS PROGRAM
CIP UPDATE FY 2020-2025**

DEPARTMENT

Electric

SUBMITTED BY

Chris Terrell

DEPARTMENTAL PRIORITY

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 hope that the maintenance will work for extended periods.

OPERATING IMPACT/OTHER COMMENTS

Unknown commercial or residential projects may effect requested amounts.

PROJECT STATUS*Funds Approved to Date***Annual Project**

\$ 800,000

Funds Expended to Date

\$ 325,975

CAPITAL COST BREAKDOWN	Prior to July 2020	2020-21	2021-22	2022-23	2023-24	2024-25	Future Years
Planning & Engineering	\$ 50,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ -
Purchase	-	-	-	-	-	-	-
Construction	750,000	1,000,000	1,100,000	1,200,000	1,300,000	1,300,000	-
Total Project Costs	\$ 800,000	\$ 1,100,000	\$ 1,200,000	\$ 1,300,000	\$ 1,400,000	\$ 1,400,000	\$ -

FUNDING SOURCE(S)	Prior to July 2020	2020-21	2021-22	2022-23	2023-24	2024-25	Future Years
Electric User Fees/Other Revenues	\$ 800,000	\$ 1,100,000	\$ 1,200,000	\$ 1,300,000	\$ 1,400,000	\$ 1,400,000	\$ -
	-	-	-	-	-	-	-
Total Funding Sources	\$ 800,000	\$ 1,100,000	\$ 1,200,000	\$ 1,300,000	\$ 1,400,000	\$ 1,400,000	\$ -

TOTAL PROJECT COST:**\$ 7,200,000**

**TOWN OF WAKE FOREST
CAPITAL IMPROVEMENTS PROGRAM
CIP UPDATE FY 2020-2025**

DEPARTMENT

Electric

PROJECT MANAGER

Chris Terrell

DEPARTMENTAL PRIORITY

High

PROJECT TITLE

LED Conversion

TYPE OF PROJECT

X

- 1 - Health/Safety/Welfare
- 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 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 2024.

**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. Installation of these lights will generate a cost savings in operations. The Town plans to hire a contractor for the installation of the LED lights.

PROJECT STATUS

Funds Approved to Date

Continuation - FY 2020

\$ -

Funds Expended to Date

\$ -

CAPITAL COST BREAKDOWN	Prior to July 2020	2020-21	2021-22	2022-23	2023-24	2024-25	Future Years
Purchase	\$ -	\$ 312,500	\$ -	\$ 312,500	\$ -	\$ -	\$ -
Contingency	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-
Total Project Costs	\$ -	\$ 312,500	\$ -	\$ 312,500	\$ -	\$ -	\$ -

FUNDING SOURCE(S)	Prior to July 2020	2020-21	2021-22	2022-23	2023-24	2024-25	Future Years
Electric User Fees & Other Revenues	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Capital Reserve	-	312,500	-	312,500	-	-	-
Total Funding Sources	\$ -	\$ 312,500	\$ -	\$ 312,500	\$ -	\$ -	\$ -

TOTAL PROJECT COST:**\$ 625,000**

**TOWN OF WAKE FOREST
CAPITAL IMPROVEMENTS PROGRAM
CIP UPDATE FY 2020-2025**

DEPARTMENT

Electric

PROJECT MANAGER

Chris Terrell

DEPARTMENTAL PRIORITY

Medium

PROJECT TITLE*Four Position Watt-Hour Meter Test Board***TYPE OF PROJECT**

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

PROJECT DESCRIPTION

Replacement of existing test equipment due to age and technology changes.

JUSTIFICATION

This test board will replace the existing unit and be installed in the new Meter Shop at Unicon Drive.

**PROJECT ALTERNATIVES**

Continue with our existing test board.

OPERATING IMPACT/OTHER COMMENTS

This purchase will ensure our customers that all meters are reading accurately upon testing.

PROJECT STATUS

Continuation -FY 2017

Funds Approved to Date

\$ -

Funds Expended to Date

\$ -

CAPITAL COST BREAKDOWN	Prior to July 2020	2020-21	2021-22	2022-23	2023-24	2024-25	Future Years
Purchase	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Equipment	-	90,000	-	-	-	-	-
Total Project Costs	\$ -	\$ 90,000	\$ -	\$ -	\$ -	\$ -	\$ -

FUNDING SOURCE(S)	Prior to July 2020	2020-21	2021-22	2022-23	2023-24	2024-25	Future Years
Electric User Fees & Other Revenues	\$ -	\$ 90,000	\$ -	\$ -	\$ -	\$ -	\$ -
	-	-	-	-	-	-	-
Total Funding Sources	\$ -	\$ 90,000	\$ -	\$ -	\$ -	\$ -	\$ -

TOTAL PROJECT COST:**\$ 90,000**

**TOWN OF WAKE FOREST
CAPITAL IMPROVEMENTS PROGRAM
CIP UPDATE FY 2020-2025**

DEPARTMENT

Electric

PROJECT MANAGER

Chris Terrell

DEPARTMENTAL PRIORITY

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 safer access into back property easements. 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 while also eliminating climbing. It gives the Town an added dimension when responding to storm repair here and at other Utilities as back property equipment is always in high demand.

PROJECT STATUS*Funds Approved to Date*

Continuation - FY 2019

\$ -

Funds Expended to Date

\$ -

CAPITAL COST BREAKDOWN	Prior to July 2020	2020-21	2021-22	2022-23	2023-24	2024-25	Future Years
Purchase	\$ -	\$ -	\$ 180,000	\$ -	\$ -	\$ -	\$ -
Other	-	-	-	-	-	-	-
Total Project Costs	\$ -	\$ -	\$ 180,000	\$ -	\$ -	\$ -	\$ -

FUNDING SOURCE(S)	Prior to July 2020	2020-21	2021-22	2022-23	2023-24	2024-25	Future Years
Electric User Fees & Other Revenues	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Installment Purchase	-	-	180,000	-	-	-	-
Total Funding Sources	\$ -	\$ -	\$ 180,000	\$ -	\$ -	\$ -	\$ -

TOTAL PROJECT COST:**\$ 180,000**

**TOWN OF WAKE FOREST
CAPITAL IMPROVEMENTS PROGRAM
CIP UPDATE FY 2020-2025**

DEPARTMENT

Electric

SUBMITTED BY

Chris Terrell

DEPARTMENTAL PRIORITY

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

New Project - FY 2021

Funds Approved to Date

\$ -

Funds Expended to Date

\$ -

CAPITAL COST BREAKDOWN	Prior to July 2020	2020-21	2021-22	2022-23	2023-24	2024-25	Future Years
Purchase	\$ -	\$ -	\$ -	\$ 30,000	\$ -	\$ -	\$ -
Other	-	-	-	-	-	-	-
Total Project Costs	\$ -	\$ -	\$ -	\$ 30,000	\$ -	\$ -	\$ -

FUNDING SOURCE(S)	Prior to July 2020	2020-21	2021-22	2022-23	2023-24	2024-25	Future Years
Electric User Fees & Other Revenues	\$ -	\$ -	\$ -	\$ 30,000	\$ -	\$ -	\$ -
	-	-	-	-	-	-	-
Total Funding Sources	\$ -	\$ -	\$ -	\$ 30,000	\$ -	\$ -	\$ -

TOTAL PROJECT COST:**\$ 30,000**

**TOWN OF WAKE FOREST
CAPITAL IMPROVEMENTS PROGRAM
CIP UPDATE FY 2020-2025**

DEPARTMENT

Electric

SUBMITTED BY

Chris Terrell

DEPARTMENTAL PRIORITY

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 commercial, 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*Funds Approved to Date*

Continuation - FY 2019

\$ -

Funds Expended to Date

\$ -

CAPITAL COST BREAKDOWN	Prior to July 2020	2020-21	2021-22	2022-23	2023-24	2024-25	Future Years
Purchase	\$ -	\$ -	\$ -	\$ -	\$ 75,000	\$ -	\$ -
Other	-	-	-	-	-	-	-
Total Project Costs	\$ -	\$ -	\$ -	\$ -	\$ 75,000	\$ -	\$ -

FUNDING SOURCE(S)	Prior to July 2020	2020-21	2021-22	2022-23	2023-24	2024-25	Future Years
Electric User Fees & Other Revenues	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Installment Purchase	-	-	-	-	75,000	-	-
Total Funding Sources	\$ -	\$ -	\$ -	\$ -	\$ 75,000	\$ -	\$ -

TOTAL PROJECT COST:**\$ 75,000**

Capital Improvement Plan
ASSET MAINTENANCE SUMMARY - BY PROJECT

PROJECT TITLE	PRIORITY TYPE	Prior to July 2020	2020-21	2021-22	2022-23	2023-24	2024-25	Future Years	TOTALS
1 Transportation - Sidewalk Replacement	M - 2	\$ -	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ -	\$ 500,000
2 Street Maintenance and Resurfacing	M - 2	-	100,000	500,000	1,510,000	900,000	900,000	1,050,000	4,960,000
3 Stormwater Infrastructure Maintenance and Funding	M - 2	75,000	325,000	389,500	389,500	927,000	389,500	1,312,500	3,808,000
4 Town Hall @ 301 S. Brooks Street	H - 2	-	100,000	175,000	100,000	100,000	125,000	300,000	900,000
5 Sports/Athletic Field Playing Surface Repair	M - 2	-	40,000	-	-	-	-	-	40,000
6 Athletic Fields Fence Replacement	M - 2	-	200,000	150,000	-	-	-	-	350,000
7 Wake Forest Reservoir Improvements	H - 2	292,000	-	383,800	1,919,000	520,150	3,536,500	1,290,000	7,941,450
8 Athletic Court Construction	M - 2	-	-	217,500	170,000	-	-	40,000	427,500
9 Greenway Infrastructure Improvements	M - 2	-	-	100,000	100,000	100,000	100,000	100,000	500,000
10 Smith Creek Impaired Watershed Improvement	M - 2	-	-	150,000	75,000	75,000	75,000	-	375,000
11 Playground Surface Replacement	M - 2	-	-	-	125,000	100,000	75,000	-	300,000
12 Sanford Creek Greenway Boardwalk Replacement	M - 1	-	-	-	-	-	1,893,800	-	1,893,800
13 Flaherty Park Dam Repair	M - 1	131,300	-	-	-	-	-	878,900	1,010,200
14 Richland Creek Greenway Stream Repair	H - 2	116,900	-	-	-	-	-	225,000	341,900
15 Metal Roof Replacement - Main Police Department @ 225 S. Taylor Street	M - 2	52,000	-	-	-	-	-	155,000	207,000
16 Smith Creek Soccer Center Improvements	M - 3	-	-	-	-	-	-	1,252,400	1,252,400
17 Holding Community Center - Maintenance	M - 2	-	-	-	-	-	-	200,000	200,000
18 Alston Massenburg - Maintenance	M - 2	-	-	-	-	-	-	90,000	90,000
TOTALS		\$ 667,200	\$ 865,000	\$ 2,015,800	\$ 4,488,500	\$ 2,822,150	\$ 7,194,800	\$ 6,893,800	\$ 25,097,250

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 2020-2025**

DEPARTMENT

Public Works- Streets

PROJECT MANAGER

Tim Bailey

DEPARTMENTAL PRIORITY

Medium

PROJECT TITLE

Transportation - Sidewalk Replacement

TYPE OF PROJECT

X

- 1 - Health/Safety/Welfare
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 replacement of existing sidewalks.

PRIORITIES: 2600-2800 Block Steeple Run, 1000 Block San Remo, Dansfordshire, 100 block W. Holding, 600 Block Allen

**PROJECT ALTERNATIVES**

- 1) Contract work at a higher cost.
- 2) Temporarily fix trip hazards.

OPERATING IMPACT/OTHER COMMENTS

*Reduces liability and improves overall aesthetics of the town

PROJECT STATUS

Annual Project

Funds Approved to Date

\$ -

Funds Expended to Date

\$ -

CAPITAL COST BREAKDOWN	Prior to July 2020	2020-21	2021-22	2022-23	2023-24	2024-25	Future Years
Planning & Engineering	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Construction	-	100,000	100,000	100,000	100,000	100,000	-
Contingency	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-
Total Project Costs	\$ -	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ -

FUNDING SOURCE(S)	Prior to July 2020	2020-21	2021-22	2022-23	2023-24	2024-25	Future Years
General Fund	\$ -	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ -
	-	-	-	-	-	-	-
Total Funding Sources	\$ -	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ -

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

**TOWN OF WAKE FOREST
CAPITAL IMPROVEMENTS PROGRAM
CIP UPDATE FY 2020-2025**

DEPARTMENT

Public Works-Engineering

PROJECT MANAGER

Jonathan Jacobs

DEPARTMENTAL PRIORITY

Medium

PROJECT TITLE*Street Maintenance & Resurfacing***TYPE OF PROJECT**

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

PROJECT DESCRIPTION

Pavement rehabilitation and maintenance of accepted roads, curb and gutter, owned and maintained by the Town of Wake Forest. Work to be conducted by outside contractor.

JUSTIFICATION

Maintenance projects as identified in the 2014 pavement analysis report, ranked based on need/prioritization. On average, over two miles of roadway is added each fiscal year with no added request in roadway maintenance costs making this CIP item ongoing. Staff is recommending to allocate a portion of 2022 Bond referendum for additional street resurfacing and maintenance. Contracting of planning and rehabilitation is scheduled for FY 19-20, completion in FY 20-21 and then work to begin in FY 21-22.

**PROJECT ALTERNATIVES**

- 1) Allocate funding to rehab existing roadways that have been identified in resurfacing inventory (2014).
- 2) Wait/conduct portion of annual maintenance based on priority ranking.
- 3) Conduct an engineering study every other year.

OPERATING IMPACT/OTHER COMMENTS

- *Continual analysis underway to determine the numbers of streets that the town can expect to complete
- *Potential subgrade failure if not addressed, liability issues (pothole, roadway failure, vehicle damage, etc.)
- *Repairs sooner will lead to longer life, less maintenance and full repair savings.

PROJECT STATUS*Funds Approved to Date*

Continuation - FY 2016

\$ -

Funds Expended to Date

\$ -

CAPITAL COST BREAKDOWN	Prior to July 2020	2020-21	2021-22	2022-23	2023-24	2024-25	Future Years
Planning & Engineering	\$ -	\$ 100,000	\$ -	\$ 10,000	\$ 50,000	\$ 50,000	\$ 50,000
Construction	-	-	500,000	1,500,000	850,000	850,000	1,000,000
Contingency	-	-	-	-	-	-	-
Total Project Costs	\$ -	\$ 100,000	\$ 500,000	\$ 1,510,000	\$ 900,000	\$ 900,000	\$ 1,050,000

FUNDING SOURCE(S)	Prior to July 2020	2020-21	2021-22	2022-23	2023-24	2024-25	Future Years
General Fund	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,050,000
Installment Purchase	-	-	-	-	-	-	-
GO Bonds - Future Referendum 2022	-	100,000	500,000	1,510,000	-	-	-
Powell Bill	-	-	-	-	900,000	900,000	-
Total Funding Sources	\$ -	\$ 100,000	\$ 500,000	\$ 1,510,000	\$ 900,000	\$ 900,000	\$ 1,050,000

TOTAL PROJECT COST:**\$ 4,960,000**

**TOWN OF WAKE FOREST
CAPITAL IMPROVEMENTS PROGRAM
CIP UPDATE FY 2020-2025**

DEPARTMENT

Public Works/Engineering

PROJECT MANAGER

Allison Snyder

DEPARTMENTAL PRIORITY

Medium

PROJECT TITLE

*Stormwater Infrastructure and Easement
Management*

TYPE OF PROJECT

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

PROJECT DESCRIPTION

Continual maintenance of Town owned and maintained stormwater infrastructure by the Town of Wake Forest. Work to be conducted by both Town staff and outside contractor. Specific areas will be identified as operating budget is prepared.

JUSTIFICATION

Maintenance projects as identified by Town staff as stormwater infrastructure continues to age. Staff recommends a comprehensive study/analysis be conducted in FY 20-21 to identify all areas and prioritize easement maintenance and improvements. Staff recommends a stormwater maintenance plan to be developed in FY 23-24.

**PROJECT ALTERNATIVES**

- 1) Allocate funding to rehab existing stormwater infrastructure.
- 2) Wait/conduct portion of annual maintenance based on priority ranking.
- 3) Conduct an engineering study every other year.

OPERATING IMPACT/OTHER COMMENTS

- *Potential subgrade failure, increased flooding, liability issues if not addressed.
- * Repairs sooner will lead to longer life, less maintenance and full repair savings.
- * In FY 17-18, two stormwater repairs were made for approximately \$90,000. New project going forward.

PROJECT STATUS

Funds Approved to Date

Continuation - FY 2020

\$ 75,000

Funds Expended to Date

\$ -

CAPITAL COST BREAKDOWN	Prior to July 2020	2020-21	2021-22	2022-23	2023-24	2024-25	Future Years
Planning & Engineering	\$ 10,000	\$ 250,000	\$ 12,500	\$ 12,500	\$ 550,000	\$ 12,500	\$ 12,500
Purchase	-	-	-	-	-	-	-
Construction	65,000	75,000	377,000	377,000	377,000	377,000	1,300,000
Equipment	-	-	-	-	-	-	-
Contingency	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-
Total Project Costs	\$ 75,000	\$ 325,000	\$ 389,500	\$ 389,500	\$ 927,000	\$ 389,500	\$ 1,312,500

FUNDING SOURCE(S)	Prior to July 2020	2020-21	2021-22	2022-23	2023-24	2024-25	Future Years
General Fund	\$ 75,000	\$ 325,000	\$ 389,500	\$ 389,500	\$ 927,000	\$ 389,500	\$ 1,312,500
Installment Purchase	-	-	-	-	-	-	-
Total Funding Sources	\$ 75,000	\$ 325,000	\$ 389,500	\$ 389,500	\$ 927,000	\$ 389,500	\$ 1,312,500

TOTAL PROJECT COST:**\$ 3,808,000**

**TOWN OF WAKE FOREST
CAPITAL IMPROVEMENTS PROGRAM
CIP UPDATE FY 2020-2025**

DEPARTMENT

Public Facilities

PROJECT MANAGER

Mickey Rochelle

DEPARTMENTAL PRIORITY

High

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 |

PROJECT DESCRIPTION

1. Replace Eaton Lighting Controls with Enlightened Lighting Controls: Two Floors in FY 2020-21 and One floor in both FY 2022-23 and FY 2023-24
2. Replace Carpet FY 2021-22
3. Space reconfiguration
4. AHU replacement FY 2025, Chiller Replacement FY 2030 and VAV Box Replacement FY 2030

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 being 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.

**PROJECT ALTERNATIVES**

- 1) Continue working in areas showing wear and tear.
- 2) Higher utility bills than necessary

OPERATING IMPACT/OTHER COMMENTS

- 1) Properly operating lights and replacement of worn carpet areas.
- 2) Current lighting system has control boards that are not made any longer by manufacturer.

PROJECT STATUS

Continuation - FY 2017

Funds Approved to Date

\$ 119,000

Funds Expended to Date

\$ 114,970

CAPITAL COST BREAKDOWN	Prior to July 2020	2020-21	2021-22	2022-23	2023-24	2024-25	Future Years
Purchase	-	100,000	175,000	100,000	100,000	125,000	300,000
Equipment	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-
Total Project Costs	\$ -	\$ 100,000	\$ 175,000	\$ 100,000	\$ 100,000	\$ 125,000	\$ 300,000

FUNDING SOURCE(S)	Prior to July 2020	2020-21	2021-22	2022-23	2023-24	2024-25	Future Years
General Fund	\$ -	\$ 100,000	\$ 175,000	\$ 100,000	\$ 100,000	\$ 125,000	\$ 300,000
	-	-	-	-	-	-	-
Total Funding Sources	\$ -	\$ 100,000	\$ 175,000	\$ 100,000	\$ 100,000	\$ 125,000	\$ 300,000

TOTAL PROJECT COST:**\$ 900,000**

TOWN OF WAKE FOREST
CAPITAL IMPROVEMENTS PROGRAM
CIP UPDATE FY 2020-2025

DEPARTMENT

Parks, Recreation and Cultural Resources

PROJECT MANAGER

Ruben Wall/Josh Glover

DEPARTMENTAL PRIORITY

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

Funds Approved to Date

Continuation - FY 2019

\$ -

Funds Expended to Date

\$ -

CAPITAL COST BREAKDOWN	Prior to July 2020	2020-21	2021-22	2022-23	2023-24	2024-25	Future Years
Planning & Engineering	\$ -	\$ 40,000	\$ -	\$ -	\$ -	\$ -	\$ -
Other	-	-	-	-	-	-	-
Total Project Costs	\$ -	\$ 40,000	\$ -	\$ -	\$ -	\$ -	\$ -

FUNDING SOURCE(S)	Prior to July 2020	2020-21	2020-21	2022-23	2023-24	2024-25	Future Years
General Fund	\$ -	\$ 40,000	\$ -	\$ -	\$ -	\$ -	\$ -
	-	-	-	-	-	-	-
Total Funding Sources	\$ -	\$ 40,000	\$ -	\$ -	\$ -	\$ -	\$ -

TOTAL PROJECT COST:**\$ 40,000**

**TOWN OF WAKE FOREST
CAPITAL IMPROVEMENTS PROGRAM
CIP UPDATE FY 2020-2025**

DEPARTMENT

Parks, Recreation & Cultural Resources

PROJECT MANAGER

Ruben Wall/Edward Austin

DEPARTMENTAL PRIORITY

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 than replacement. The goal of the department is to upgrade and replace fencing systematically before it becomes a safety hazard that may cause fields to be deemed 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*Funds Approved to Date*

Continuation - FY 2017

\$ -

Funds Expended to Date

\$ -

CAPITAL COST BREAKDOWN	Prior to July 2020	2020-21	2021-22	2022-23	2023-24	2024-25	Future Years
Purchase	\$ -	\$ 200,000	\$ 150,000	\$ -	\$ -	\$ -	\$ -
Other	-	-	-	-	-	-	-
Total Project Costs	\$ -	\$ 200,000	\$ 150,000	\$ -	\$ -	\$ -	\$ -

FUNDING SOURCE(S)	Prior to July 2020	2020-21	2021-22	2022-23	2023-24	2024-25	Future Years
General Fund	\$ -	\$ 200,000	\$ 150,000	\$ -	\$ -	\$ -	\$ -
Total Funding Sources	\$ -	\$ 200,000	\$ 150,000	\$ -	\$ -	\$ -	\$ -

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

**TOWN OF WAKE FOREST
CAPITAL IMPROVEMENTS PROGRAM
CIP UPDATE FY 2020-2025**

DEPARTMENT	PROJECT MANAGER	DEPARTMENTAL PRIORITY
Public Works/Engineering	Carrie Mitchell	High

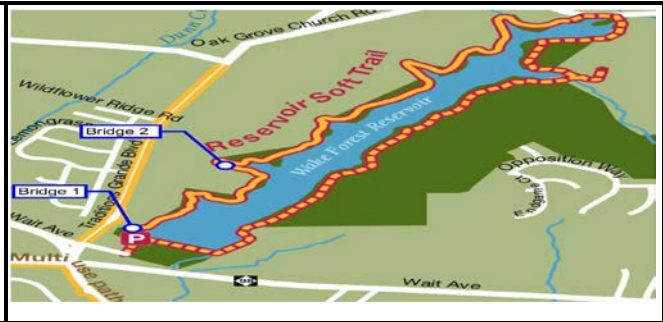
PROJECT TITLE	TYPE OF PROJECT								
Wake Forest Reservoir Improvements	<table> <tr> <td></td><td>1 -Health/Safety/Welfare</td></tr> <tr> <td>X</td><td>2 - Maintenance/Replacement</td></tr> <tr> <td></td><td>3 - Existing Programs Expansion</td></tr> <tr> <td></td><td>4 - New Program</td></tr> </table>		1 -Health/Safety/Welfare	X	2 - Maintenance/Replacement		3 - Existing Programs Expansion		4 - New Program
	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 lesson dam hazard status.
3. Rehab of Wake Forest Reservoir property with paved parking, new boat ramp, dock, new bridge, continuation of soft trail on east side, two additional bridges, facilities, and concession amenities.

JUSTIFICATION

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 very popular

**PROJECT ALTERNATIVES**

Site Upgrades *	\$ 1,600,000	FY 21-23
Bridge Replacement only, Phase 1		
Parking, boat ramp, dock, Phase 1	\$ 165,000	FY 23-24
Annual Maintenance Dam	\$ 350,000	FY 23-24
New Bridges 2 & 3 - Phase 2	\$ 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 2021-23 for site upgrade design & construction, Phase 2/3 in future years.

PROJECT STATUS

Funds Approved to Date

Continuation - FY 2015

\$ 292,000

Funds Expended to Date

\$ 294,387

CAPITAL COST BREAKDOWN	Prior to July 2020	2020-21	2021-22	2022-23	2023-24	2024-25	Future Years
Planning & Engineering	\$ 292,000	\$ -	\$ 380,000	\$ -	\$ -	\$ 1,173,500	\$ 40,000
Purchase	-	-	-	-	-	-	-
Construction*	-	-	-	1,900,000	515,000	2,284,000	1,250,000
Contingency	-	-	-	-	-	60,000	-
Other- Public Art	-	-	3,800	19,000	5,150	19,000	-
Total Project Costs	\$ 292,000	\$ -	\$ 383,800	\$ 1,919,000	\$ 520,150	\$ 3,536,500	\$ 1,290,000

FUNDING SOURCE(S)	Prior to July 2020	2020-21	2021-22	2022-23	2023-24	2024-25	Future Years
General Fund	\$ -	\$ -	\$ 3,800	\$ 19,000	\$ 5,150	\$ 13,500	\$ 1,290,000
GO Bond - Current Referendum - Issued	292,000	-	-	-	-	-	-
GO Bond - Future Referendum FY 2022	-	-	380,000	1,900,000	515,000	850,000	-
Grants - PARTF - Future Application	-	-	-	-	-	500,000	-
Other - City of Raleigh - Cost Share 50/50	-	-	-	-	-	475,000	-
WINN Act Grant (future application)-65/35 *	-	-	-	-	-	1,698,000	-
Total Funding Sources	\$ 292,000	\$ -	\$ 383,800	\$ 1,919,000	\$ 520,150	\$ 3,536,500	\$ 1,290,000

TOTAL PROJECT COST:**\$ 7,941,450**

TOWN OF WAKE FOREST
CAPITAL IMPROVEMENTS PROGRAM
CIP UPDATE FY 2020 - 2025

DEPARTMENT

Parks, Recreation and Cultural Resources

PROJECT MANAGER

Ruben Wall/Josh Glover

DEPARTMENTAL PRIORITY

Medium

PROJECT TITLE*Athletic Court Construction***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-year cycle. The courts in the first phase of this project will be 15 years old.

Athletic Courts Construction:

Flaherty Tennis Courts 1-4 (21-22) - \$217,000

Flaherty Tennis Courts 5-8 (22-23) - \$170,000

Holding Park basketball - \$40,000

**PROJECT ALTERNATIVES**

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

OPERATING IMPACT/OTHER COMMENTS

Athletic Courts Construction:

Flaherty Tennis Courts 1-4 (21-22) - \$217,500

Flaherty Tennis Courts 5-8 (22-23) - \$170,000

Holding Park basketball - \$40,000

PROJECT STATUS*Funds Approved to Date*

Continuation - FY 2020

\$ -

Funds Expended to Date

\$ -

CAPITAL COST BREAKDOWN	Prior to July 2020	2020-21	2021-22	2022-23	2023-24	2024-25	Future Years
Construction	-	-	217,500	170,000	-	-	40,000
Other	-	-	-	-	-	-	-
Total Project Costs	\$ -	\$ -	\$ 217,500	\$ 170,000	\$ -	\$ -	\$ 40,000


FUNDING SOURCE(S)	Prior to July 2020	2020-21	2021-22	2022-23	2023-24	2024-25	Future Years
General Fund	\$ -	\$ -	\$ 217,500	\$ 170,000	\$ -	\$ -	\$ 40,000
Total Funding Sources	\$ -	\$ -	\$ 217,500	\$ 170,000	\$ -	\$ -	\$ 40,000

TOTAL PROJECT COST:**\$ 495,000**

**TOWN OF WAKE FOREST
CAPITAL IMPROVEMENTS PROGRAM
CIP UPDATE FY 2020-2025**

DEPARTMENT	PROJECT MANAGER	DEPARTMENTAL PRIORITY
Multiple	Multiple	Medium

PROJECT TITLE	TYPE OF PROJECT								
Greenway Infrastructure Improvements	<table> <tr><td></td><td>1 - Health/Safety/Welfare</td></tr> <tr><td>X</td><td>2 - Maintenance/Replacement</td></tr> <tr><td></td><td>3 - Existing Programs Expansion</td></tr> <tr><td></td><td>4 - New Program</td></tr> </table>		1 - Health/Safety/Welfare	X	2 - Maintenance/Replacement		3 - Existing Programs Expansion		4 - New Program
	1 - Health/Safety/Welfare								
X	2 - Maintenance/Replacement								
	3 - Existing Programs Expansion								
	4 - New Program								

<p>PROJECT DESCRIPTION Pavement replacement of greenway path washouts both on pavement and along streambeds.</p> <p>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.</p> <p>PRIORITIES: Smith and Sanford Creek</p>	
--	---

PROJECT ALTERNATIVES	OPERATING IMPACT/OTHER COMMENTS
Continue submitting non-funded Greenway infrastructure issues as requested by other Departments.	N/A.

PROJECT STATUS	New Project - FY 2021
Funds Approved to Date	Funds Expended to Date
\$ -	\$ -

CAPITAL COST BREAKDOWN	Prior to July 2020	2020-21	2021-22	2022-23	2023-24	2024-25	Future Years
Planning & Engineering	\$ -	\$ -	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000
Total Project Costs	\$ -	\$ -	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000

FUNDING SOURCE(S)	Prior to July 2020	2020-21	2021-22	2022-23	2023-24	2024-25	Future Years
General Fund	\$ -	\$ -	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000
Grants - Future Application - EEG-ClearWater Grant	-	-	-	-	-	-	-
Total Funding Sources	\$ -	\$ -	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000

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

**TOWN OF WAKE FOREST
CAPITAL IMPROVEMENTS PROGRAM
CIP UPDATE FY 2020-2025**

DEPARTMENT

Public Works/Engineering

PROJECT MANAGER

Carrie Mitchell

DEPARTMENTAL PRIORITY

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

If Smith Creek Watershed is not removed from the impaired waters list, Wake Forest will be subject to TMDL monitoring. Staff requests pending money upfront to lessen long-term costs to re-establish healthy ecosystems in the watershed and performing water quality testing throughout the process. The town has performed similar projects in the past with success. Following impaired water work, staff requests implemented projects as outlined in the Smith Creek Watershed Plan to continually improve our watershed.

**PROJECT ALTERNATIVES**

Create CIP for TMDL testing and monitoring.

OPERATING IMPACT/OTHER COMMENTS

N/A.

PROJECT STATUS

New Project - FY 2021

Funds Approved to Date

\$ -

Funds Expended to Date

\$ -

CAPITAL COST BREAKDOWN	Prior to July 2020	2020-21	2021-22	2022-23	2023-24	2024-25	Future Years
Planning & Engineering	\$ -	\$ -	\$ 150,000	\$ 75,000	\$ 75,000	\$ 75,000	\$ -
Total Project Costs	\$ -	\$ -	\$ 150,000	\$ 75,000	\$ 75,000	\$ 75,000	\$ -

FUNDING SOURCE(S)	Prior to July 2020	2020-21	2021-22	2022-23	2023-24	2024-25	Future Years
General Fund	\$ -	\$ -	\$ 85,000	\$ 75,000	\$ 75,000	\$ 75,000	\$ -
Grants - Future Application - EEG- ClearWater Grant	-	-	65,000	-	-	-	-
Total Funding Sources	\$ -	\$ -	\$ 150,000	\$ 75,000	\$ 75,000	\$ 75,000	\$ -

TOTAL PROJECT COST:

\$ 375,000

TOWN OF WAKE FOREST
CAPITAL IMPROVEMENTS PROGRAM
CIP UPDATE FY 2020 - 2025

DEPARTMENT

Parks, Recreation and Cultural Resources

PROJECT MANAGER

Ruben Wall/Josh Glover

DEPARTMENTAL PRIORITY

Medium

PROJECT TITLE*Playground Surface Replacement***TYPE OF PROJECT**

- | | |
|---|---------------------------------|
| | 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.

**PROJECT ALTERNATIVES**

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

OPERATING IMPACT/OTHER COMMENTS

Smith Creek Soccer Center/Taylor Street park (2022-23)
 Flaherty Park/Tyler Run Park (2023-24)
 Kiwanis Park (2024-25)

Estimated \$240,000 for surfacing
 Estimated \$50,000 for accessible features

PROJECT STATUS*Funds Approved to Date*

Continuation - FY 2020

\$ -

Funds Expended to Date

\$ -

CAPITAL COST BREAKDOWN	Prior to July 2020	2020-21	2021-22	2022-23	2023-24	2024-25	Future Years
Planning & Engineering	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Construction	-	-	-	125,000	100,000	75,000	-
Other	-	-	-	-	-	-	-
Total Project Costs	\$ -	\$ -	\$ -	\$ 125,000	\$ 100,000	\$ 75,000	\$ -

FUNDING SOURCE(S)	Prior to July 2020	2020-21	2021-22	2022-23	2023-24	2024-25	Future Years
General Fund	\$ -	\$ -	\$ -	\$ 125,000	\$ 100,000	\$ 75,000	\$ -
Installment Purchase	-	-	-	-	-	-	-
Total Funding Sources	\$ -	\$ -	\$ -	\$ 125,000	\$ 100,000	\$ 75,000	\$ -

TOTAL PROJECT COST:**\$ 300,000**

**TOWN OF WAKE FOREST
CAPITAL IMPROVEMENTS PROGRAM
CIP UPDATE FY 2020-2025**

DEPARTMENT

Public Works-Engineering

PROJECT MANAGER

Carrie Mitchell

DEPARTMENTAL PRIORITY

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

Continued maintenance of existing boardwalks due to location. These items were identified as priority 1,2 and 3 based on need and severity and safety of parks and greenway users. Recommend full replacement as opposed to minor repairs over the next five to ten years 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 within 5 years. 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	\$ 4,000,000
Full replacement with timber	1,800,000

- 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*Funds Approved to Date*

Continuation - FY 2017

\$ -

Funds Expended to Date

\$ -

CAPITAL COST BREAKDOWN	Prior to July 2020	2020-21	2021-22	2022-23	2023-24	2024-25	Future Years
Planning & Engineering	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 375,000	\$ -
Purchase	-	-	-	-	-	-	-
Construction	-	-	-	-	-	1,500,000	-
Equipment	-	-	-	-	-	-	-
Contingency	-	-	-	-	-	-	-
Other- Public Art	-	-	-	-	-	18,800	-
Total Project Costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,893,800	\$ -

FUNDING SOURCE(S)	Prior to July 2020	2020-21	2021-22	2022-23	2023-24	2024-25	Future Years
General Fund	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 393,800	\$ -
GO Bonds - Future Referendum FY 2024	-	-	-	-	-	1,400,000	-
PARTF (future application)	-	-	-	-	-	100,000	-
Total Funding Sources	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,893,800	\$ -

TOTAL PROJECT COST:**\$ 1,893,800**

**TOWN OF WAKE FOREST
CAPITAL IMPROVEMENTS PROGRAM
CIP UPDATE FY 2020-2025**

DEPARTMENT

Public Works-Engineering

PROJECT MANAGER

Carrie Mitchell

DEPARTMENTAL PRIORITY

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 performed 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 2020	2020-21	2021-22	2022-23	2023-24	2024-25	Future Years
Planning & Engineering	\$ 131,300	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 60,000
Purchase	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	653,500
Equipment	-	-	-	-	-	-	100,000
Contingency - 10%	-	-	-	-	-	-	65,400
Total Project Costs	\$ 131,300	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 878,900

FUNDING SOURCE(S)	Prior to July 2020	2020-21	2021-22	2022-23	2023-24	2024-25	Future Years
General Fund	\$ 131,300	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
GO Bond - Future Referendum FY 2024	-	-	-	-	-	-	778,900
Grants - PARTF (future application)	-	-	-	-	-	-	100,000
Total Funding Sources	\$ 131,300	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 878,900

TOTAL PROJECT COST:**\$ 1,010,200**

**TOWN OF WAKE FOREST
CAPITAL IMPROVEMENTS PROGRAM
CIP UPDATE FY 2020-2025**

DEPARTMENT

Public Works-Engineering

PROJECT MANAGER

Carrie Mitchell

DEPARTMENTAL PRIORITY

High

PROJECT TITLE

Richland Creek Greenway Stream Repair and Repave

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. Stabilize stream banks with restoration, remove tree root trip hazards, cracking pavement and overlay with 2" new asphalt surface.

**PROJECT ALTERNATIVES**

Stream Bank Stabilization and Repair	\$ 130,000	FY 17 thru 19
Repave	\$ 75,000	Future
Watershed study	\$ 150,000	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 2020	2020-21	2021-22	2022-23	2023-24	2024-25	Future Years
Planning & Engineering	\$ 30,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 150,000
Purchase	-	-	-	-	-	-	-
Construction	86,900	-	-	-	-	-	75,000
Equipment	-	-	-	-	-	-	-
Contingency	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-
Total Project Costs	\$ 116,900	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 225,000

FUNDING SOURCE(S)	Prior to July 2020	2020-21	2021-22	2022-23	2023-24	2024-25	Future Years
General Fund	\$ 100,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 75,000
Grants - Awarded (FEMA)	16,900	-	-	-	-	-	-
Grants - Future Application	-	-	-	-	-	-	150,000
Total Funding Sources	\$ 116,900	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 225,000

TOTAL PROJECT COST:**\$ 341,900**

**TOWN OF WAKE FOREST
CAPITAL IMPROVEMENTS PROGRAM
CIP UPDATE FY 2020-2025**

DEPARTMENT

Public Facilities

PROJECT MANAGER

Mickey Rochelle

DEPARTMENTAL PRIORITY

Medium

PROJECT TITLE

Main Police Department 225 S. Taylor Street- Maintenance

TYPE OF PROJECT

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

PROJECT DESCRIPTION

Replace HVAC, Exhaust Fans, and TPO Roof FY 2031-2032.

JUSTIFICATION

The metal roof has been leaking. Staff has searched for the leaks, in addition to two independent vendors and the leaks can't be found. Staff has made attempts to seal the joints and other areas, however, the leaks have continued. The TPO Roof, exhaust fans, and HVAC equipment will be at the end of their life expectancy FY 2031-2032.

**PROJECT ALTERNATIVES**

Replacing the metal is the only option left to remediate the leaks.

OPERATING IMPACT/OTHER COMMENTS

N/A.

PROJECT STATUS

Continuation - FY 2019

Funds Approved to Date

\$ -

Funds Expended to Date

\$ -

CAPITAL COST BREAKDOWN	Prior to July 2020	2020-21	2021-2022	2022-23	2023-24	2024-25	Future Years
Planning & Engineering	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Purchase	-	-	-	-	-	-	55,000
Construction	52,000	-	-	-	-	-	100,000
Total Project Costs	\$ 52,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 155,000

FUNDING SOURCE(S)	Prior to July 2020	2020-21	2021-2022	2022-23	2023-24	2024-25	Future Years
General Fund	\$ 52,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 155,000
	-	-	-	-	-	-	-
Total Funding Sources	\$ 52,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 155,000

TOTAL PROJECT COST:**\$ 207,000**

**TOWN OF WAKE FOREST
CAPITAL IMPROVEMENTS PROGRAM
CIP UPDATE FY 2020-2025**

DEPARTMENTS

PRCR

PROJECT MANAGER

Ruben Wall

DEPARTMENTAL PRIORITY

Medium

PROJECT TITLE*Smith Creek Soccer Center Improvements***TYPE OF PROJECT**

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

PROJECT DESCRIPTION

Improvement of Smith Creek Soccer Center with addition of restroom facilities, repave/revise layout of parking lot, add greenway loop around fields on east side, add large trees, plantings and landscape beds around perimeter, and upgrade playground facilities to meet ADA, use and volume. Incorporate environmental education stations and hands on activities showcasing the stream restoration, floodplain, greenways, and habitat.

JUSTIFICATION

Smith Creek Soccer Center is heavily used for NCFC (CASL) soccer, greenways and general recreation. The current site has two port-a-johns, three fields, and a leg of Smith Creek Greenway. Revisions to the floodplain map will allow restrooms near the shelter. Addition of a full loop for users, ADA playground, resurface/revise parking lot, add large trees for shade, shade sails, public art, and picnic tables and/or shelters.

**PROJECT ALTERNATIVES**

Park Master Plan (PRCR)	\$ 20,000
PARTF Grant- Future Application	500,000
Phase 1- Restroom Design and Construction	220,000
CASL Contribution (1/2)	150,000
Phase 2- Park Rehab, Trail Loop Design	130,000
PARTF Grant- Future Application	500,000
Park Rehab, Trail Loop Const.	727,500
NCFC Contribution	50,000

OPERATING IMPACT/OTHER COMMENTS

A) Specific Master Plan for Soccer Center
 B) Split design and construction over multiple years or combine to save money
 C) Major impact to parking lot during phase 2 parking lot rehab depending on how extensive the renovations are. A simple resurface should not affect league play more than 1 week.

PROJECT STATUS*Funds Approved to Date*

Continuation - FY 2017

\$ -

Funds Expended to Date

\$ -

CAPITAL COST BREAKDOWN	Prior to July 2020	2020-21	2021-22	2022-23	2023-24	2024-25	Future Years
Planning & Engineering	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 190,000
Construction	-	-	-	-	-	-	1,050,000
Other - Public Art	-	-	-	-	-	-	12,400
Total Project Costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,252,400

FUNDING SOURCE(S)	Prior to July 2020	2020-21	2021-22	2022-23	2023-24	2024-25	Future Years
General Fund	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 552,400
NCFC - Future Contribution	-	-	-	-	-	-	200,000
Grants - PARTF - Future Application	-	-	-	-	-	-	500,000
Total Funding Sources	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,252,400

TOTAL PROJECT COST:**\$ 1,252,400**

**TOWN OF WAKE FOREST
CAPITAL IMPROVEMENTS PROGRAM
CIP UPDATE FY 2020-25**

DEPARTMENT

Public Facilities

PROJECT MANAGER

Mickey Rochelle

DEPARTMENTAL PRIORITY

Medium

PROJECT TITLE*Holding Community Center- Maintenance***TYPE OF PROJECT**

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

PURPOSE

Replace AHU (Hybrid), Gas Water Heaters, Storage Tank, Condenser Unit, Hydronic Heaters, and Solar Panels FY 2026-2027.

JUSTIFICATION

These units were installed in FY 2010 and will be at the end of their life expectancy FY 2026. This equipment work together to provide heat for the building as well as hot water and air condition. The building is rented regularly and we need to avoid equipment failure and possible canceled rentals.

**PROJECT ALTERNATIVES**

Make repairs as needed and monitor closely.

OPERATING IMPACT/OTHER COMMENTS

If failure occurs downtime will be lengthy due to the need for quotes, lead-time for equipment, and install. Planning will eliminate cancelled rentals and classes.

PROJECT STATUS

Continuation - FY 2020

Funds Approved to Date

\$ -

Funds Expended to Date

\$ -

CAPITAL COST BREAKDOWN	Prior to July 2020	2020-21	2021-22	2022-23	2023-24	2024-25	Future Years
Purchase	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 200,000
Other	-	-	-	-	-	-	-
Total Project Costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 200,000

FUNDING SOURCE(S)	Prior to July 2020	2020-21	2021-22	2022-23	2023-24	2024-25	Future Years
General Fund	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 200,000
	-	-	-	-	-	-	-
Total Funding Sources	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 200,000

TOTAL PROJECT COST:**\$ 200,000**

**TOWN OF WAKE FOREST
CAPITAL IMPROVEMENTS PROGRAM
CIP UPDATE FY 2019-2024**

DEPARTMENT

Public Facilities

PROJECT MANAGER

Mickey Rochelle

DEPARTMENTAL PRIORITY

Medium

PROJECT TITLE*Alston Massenburg- Maintenance***TYPE OF PROJECT**

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

PURPOSE

1. Replace HVAC due to age and life expectancy FY 2027.
2. Roof Replacement Due to age FY 2032.

JUSTIFICATION

The Alston Massenburg Center was renovated in FY 2012. The building and components are holding up well and the information included is based on expected life of the HVAC and Roof. These items should be replaced at the end of life expectancy to prevent downtime due to unexpected failures.

**PROJECT ALTERNATIVES**

Keep watch near the end of life expectancy and make repairs as needed.

OPERATING IMPACT/OTHER COMMENTS

Less downtime and possible damage from failure if replaced prior to failure.

PROJECT STATUS

Continuation - FY 2020

Funds Approved to Date

\$ -

Funds Expended to Date

\$ -

CAPITAL COST BREAKDOWN	Prior to July 2020	2020-21	2021-22	2022-23	2023-24	2024-25	Future Years
Purchase	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 90,000
Other	-	-	-	-	-	-	-
Total Project Costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 90,000

FUNDING SOURCE(S)	Prior to July 2020	2020-21	2021-22	2022-23	2023-24	2024-25	Future Years
General Fund	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 90,000
	-	-	-	-	-	-	-
Total Funding Sources	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 90,000

TOTAL PROJECT COST:**\$ 90,000**

Capital Improvement Plan
VEHICLE/EQUIPMENT REPLACEMENT SUMMARY BY DEPARTMENT/DIVISION

PROJECT DESCRIPTION	PRIORITY		2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	TOTALS	Beyond 2025
	TYPE								Memo Only
GENERAL GOVERNMENT	M-2	\$	35,000	\$ -	\$ 97,000	\$ 46,000	\$ 23,000	\$ 201,000	\$ 85,400
INSPECTIONS	M-2		38,500	39,500	41,000	64,000	-	183,000	296,000
PARKS, RECREATION AND CULTURAL RESOURCES	M-2		131,500	69,000	129,500	-	89,500	419,500	318,000
PUBLIC SAFETY	M-2		946,000	869,000	830,000	890,000	900,000	4,435,000	-
ENGINEERING	M-2		30,000	-	36,500	-	-	66,500	122,000
FLEET MAINTENANCE	M-2		-	70,000	-	133,000	-	203,000	142,000
STREETS DIVISION	M-2		630,000	448,500	365,000	382,500	203,500	2,029,500	1,918,400
ENVIRONMENTAL SERVICES	M-2		365,000	222,000	-	480,000	245,000	1,312,000	945,800
PUBLIC FACILITIES	M-2		-	-	-	-	48,700	48,700	137,400
TOTAL GENERAL FUND			<u>\$ 2,176,000</u>	<u>\$ 1,718,000</u>	<u>\$ 1,499,000</u>	<u>\$ 1,995,500</u>	<u>\$ 1,509,700</u>	<u>\$ 8,898,200</u>	<u>\$ 3,965,000</u>
ELECTRIC	M-2		589,500	40,500	246,500	55,000	-	931,500	1,894,800
TREE TRIMMING	M-2		85,500	-	225,000	70,000	-	380,500	492,000
TOTAL PROPRIETARY FUNDS			<u>\$ 675,000</u>	<u>\$ 40,500</u>	<u>\$ 471,500</u>	<u>\$ 125,000</u>	<u>\$ -</u>	<u>\$ 1,312,000</u>	<u>\$ 2,386,800</u>
TOTALS REPLACEMENTS			<u><u>\$ 2,851,000</u></u>	<u><u>\$ 1,758,500</u></u>	<u><u>\$ 1,970,500</u></u>	<u><u>\$ 2,120,500</u></u>	<u><u>\$ 1,509,700</u></u>	<u><u>\$10,210,200</u></u>	<u><u>\$ 6,351,800</u></u>

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 20-21	FY 21-22	FY 22-23	FY 23-24	FY 24-25
515544	2001	2011	18	10	\$ 35,000	4402	2001	DODGE	B150 VAN	23,114	35,000	-	-	-	-
2139	2007	2022	13	15	70,000	4403	2007	HYUNDAI	HDF 50-7S FORKLIFT	762	-	-	70,000	-	-
B36004	2013	2023	7	10	46,000	4406	2014	FORD	F-250 CREW CAB	7,979	-	-	-	46,000	-
					<u>\$ 151,000</u>						<u>35,000</u>	<u>-</u>	<u>70,000</u>	<u>46,000</u>	<u>-</u>

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 20-21	FY 21-22	FY 22-23	FY 23-24	FY 24-25
D32277	2014	2024	6	10	\$ 27,000	4301	2014	Escape	SUV	15,701	-	-	27,000	-	-
					<u>\$ 27,000</u>	<u>- - 27,000 - -</u>									

Asset #	Year of acquisition	Replacement Year per Policy	Current Age (Years)	Useful Life (Years)	Estimated cost to replace	Unit #	Year	Make	Model	Item Description	Meter 1	FY 20-21	FY 21-22	FY 22-23	FY 23-24	FY 24-25
B63006	2014	2024	6	10	\$ 23,000	4902	2014	Ford	F-150 XL	Truck	24,861	-	-	-	-	23,000
					<u>\$ 23,000</u>											<u>23,000</u>

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 20-21	FY 21-22	FY 22-23	FY 23-24	FY 24-25
A44095	2008	2018	12	10	\$ 38,500	4811	2008	FORD	EXPEDITION	60,017	38,500	-	-	-	-
E42974	2010	2020	10	10	39,500	4801	2010	FORD	EXPEDITION	37,421	-	39,500	-	-	-
C15854	2011	2021	9	10	41,000	4803	2011	FORD	F150 CLUB CAB 4X4	45,760	-	-	41,000	-	-
255953	2013	2023	7	10	23,000	4804	2013	FORD	FUSION	22,389	-	-	-	23,000	-
C76067	2013	2023	7	10	41,000	4805	2013	FORD	F-150 EXT CAB P/U	39,535	-	-	-	41,000	-
					<u><u>\$ 183,000</u></u>						<u><u>38,500</u></u>	<u><u>39,500</u></u>	<u><u>41,000</u></u>	<u><u>64,000</u></u>	<u><u>-</u></u>

Inspections
Replacement Vehicles
2020-2025

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 20-21	FY 21-22	FY 22-23	FY 23-24	FY 24-25
620254	2005	2013	15	8	\$ 42,500	6212	2005	JOHN DEERE	4500	Tractor	1,878	42,500	-	-	-	-
D47459	2006	2016	14	10	38,500	6201	2006	FORD	F250 4X4 EXT CAB	Truck	106,510	38,500	-	-	-	-
N/A	2009	2013	11	5	13,500	6223	2009	TORO	WALK BEHIND MOWER	48" Mower	36	13,500	-	-	-	-
2650	2014	2019	6	5	13,500	6231	2014	HUSTLER	Super Z Mower	Lawnmower	1,378	13,500	-	-	-	-
15601	2013	2021	7	8	13,500	6227	2013	John Deere	XUV550 S4 ATV	ATV	1,485	13,500	-	-	-	-
-	2001	2016	15	15	10,000	6213	2001	Proline	16 Foot Trailer	Trailer	-	10,000	-	-	-	-
4	2004	2019	15	15	3,000	6215	2004	Proline	Trailer	Trailer	-	-	3,000	-	-	-
13	2004	2019	15	15	3,000	6216	2004	Proline	Trailer	Trailer	-	-		-	-	-
2732	2015	2020	5	5	14,000	6234	2015	HUSTLER	Super Z Mower	Lawnmower	1,553	-	14,000	-	-	-
2731	2015	2020	5	5	35,000	6235	2015	HUSTLER	Super Z Mower	Lawnmower	1,684	-	35,000	-	-	-
2733	2015	2020	5	5	14,000	6236	2015	HUSTLER	Super Z Mower	Lawnmower	1,315	-	14,000	-	-	-
51799	2017	2022	3	5	65,000	6242	2017	John Deere	Z960M	Zero Turn Mower	763	-	-	65,000	-	-
B85533	2012	2017	8	10	64,500	6226	2012	FORD	F350 CREW CAB 4X4 XL	Truck	57,245	-	-	64,500	-	-
A59291	2014	2019	6	10	45,000	6232	2014	FORD	F-350 4x4 Crew Cab	Truck	39,339	-	-	-	-	45,000
235093	2017	2025	3	8	15,000	6237	2017	John Deere	1220A Ball Field Drag ATV	ATV	205	-	-	-	-	15,000
111499	2017	2025	3	8	9,500	6238	2017	John Deere	Gator TX 4x2	ATV	313	-	-	-	-	9,500
111638	2017	2025	3	8	9,500	6239	2017	John Deere	Gator TX 4x2	ATV	246	-	-	-	-	9,500
120348	2017	2025	3	8	10,500	6243	2017	John Deere	Gator TX 4x2	ATV	163	-	-	-	-	10,500

\$ 419,500

TOTALS 131,500 69,000 129,500 - 89,500

Park, Recreation and Cultural Resources
Replacement Vehicles
2020-2025

Vehicle Status	Asset #	Year of Acquisition	Replacement Year per Policy	Current Age (Years)	Useful Life (Years)	Estimated Replacement Cost	Department Requested	Unit #	Year	Make	Model	Mileage or Hours	FY 20-21	FY 21-22	FY 22-23	FY 23-24	FY 24-25
Patrol	772439	2015	2021	5	6	\$ 43,000	2022	121	2015	DODGE	CHARGER	51,301	43,000	-	-	-	-
Patrol	C42751	2016	2022	4	6	43,000	2022	127	2016	FORD	Explorer Interceptor	54,407	43,000	-	-	-	-
Patrol	C42752	2016	2022	4	6	43,000	2021	134	2016	FORD	Explorer Interceptor	45,643	43,000	-	-	-	-
Patrol	772442	2015	2021	5	6	43,000	2022	137	2015	DODGE	CHARGER	55,009	43,000	-	-	-	-
Patrol	772443	2015	2021	5	6	43,000	2021	138	2015	DODGE	CHARGER	63,339	43,000	-	-	-	-
Vehicle	200180	2014	2020	6	6	43,000	2021	160	2014	CHEVROLET	TAHOE	56,881	43,000	-	-	-	-
Patrol	200183	2014	2020	6	6	43,000	2020	161	2014	CHEVROLET	TAHOE	72,905	43,000	-	-	-	-
Patrol	772441	2015	2021	5	6	43,000	2021	172	2015	DODGE	CHARGER	54,551	43,000	-	-	-	-
Patrol	772435	2015	2021	5	6	43,000	2020	174	2015	DODGE	CHARGER	56,107	43,000	-	-	-	-
Admin	636027	2015	2021	5	6	43,000	2021	183	2015	CHEVROLET	TAHOE 4X4	52,724	43,000	-	-	-	-
Admin	281558	2011	2021	9	10	43,000	2020	185	2011	CHEVROLET	TAHOE	56,339	43,000	-	-	-	-
Spare	629438	2012	N/A	7	6	43,000	2018	201	2013	DODGE	CHARGER	62,478	43,000	-	-	-	-
Spare	629439	2013	N/A	7	6	43,000	2019	202	2013	DODGE	CHARGER	62,202	43,000	-	-	-	-
Spare	275816	2013	2023	7	10	43,000	2021	208	2013	CHEVROLET	TAHOE	58,034	43,000	-	-	-	-
Patrol	200982	2014	2020	6	6	43,000	2020	213	2014	CHEVROLET	TAHOE	62,231	43,000	-	-	-	-
Patrol	203514	2014	2020	6	6	43,000	2021	218	2014	DODGE	CHARGER	58,698	43,000	-	-	-	-
Patrol	203511	2014	2020	6	6	43,000	2022	223	2014	DODGE	CHARGER	53,132	43,000	-	-	-	-
Patrol	640763	2015	2021	5	6	43,000	2020	229	2015	CHEVROLET	TAHOE 4X4	58,039	43,000	-	-	-	-
Patrol	635936	2015	2021	5	6	43,000	2020	230	2015	CHEVROLET	TAHOE 4X4	75,138	43,000	-	-	-	-
Patrol	636698	2015	2021	5	6	43,000	2020	231	2015	CHEVROLET	TAHOE 4X4	67,691	43,000	-	-	-	-
Patrol	635795	2015	2021	5	6	43,000	2020	232	2015	CHEVROLET	TAHOE 4X4	60,178	43,000	-	-	-	-
Patrol	C37528	2016	2022	4	6	43,000	2021	236	2016	FORD	Explorer Interceptor	54,203	43,000	-	-	-	-
Patrol	772436	2015	2021	5	6	39,000	2022	102	2015	DODGE	CHARGER	48,377	-	39,000	-	-	-
Patrol	772437	2015	2021	5	6	39,000	2022	104	2015	DODGE	CHARGER	49,065	-	39,000	-	-	-
Patrol	772488	2015	2021	5	6	39,000	2022	116	2015	DODGE	CHARGER	47,922	-	39,000	-	-	-
SRO	151414	2014	2024	6	10	44,000	2021	141	2014	CHEVROLET	TAHOE 4X4	65,383	-	44,000	-	-	-
Dare Vehicle	178765	2014	2020	6	6	44,000	2021	143	2014	CHEVROLET	TAHOE 4X4	54,417	-	44,000	-	-	-
Investigations	254919	2008	2018	12	10	39,000	2020	169	2008	CHEVROLET	IMPALA	69,899	-	39,000	-	-	-
Patrol	114463	2016	2022	4	6	39,000	2021	177	2016	FORD	Taurus Interceptor	47,687	-	39,000	-	-	-
SUV	280363	2013	2019	7	6	44,000	2020	212	2013	CHEVROLET	TAHOE	74,712	-	44,000	-	-	-
Patrol	C37527	2016	2022	4	6	40,000	2022	233	2016	FORD	Explorer Interceptor	47,112	-	40,000	-	-	-
Patrol	C37529	2016	2022	4	6	40,000	2022	238	2016	FORD	Explorer Interceptor	46,270	-	40,000	-	-	-
Patrol	B92752	2017	2023	3	6	40,000	2022	244	2017	FORD	Explorer Interceptor	34,932	-	40,000	-	-	-
Patrol	630811	2017	2023	3	6	40,000	2022	245	2017	FORD	Explorer Interceptor	37,844	-	40,000	-	-	-
Admin	C485526	2017	2023	3	6	50,000	2024	246	2017	FORD	F250	31,930	-	50,000	-	-	-
Patrol	227047	2017	2023	3	6	44,000	2024	247	2017	CHEVROLET	TAHOE	32,705	-	44,000	-	-	-
Patrol	229955	2017	2023	3	6	44,000	2023	249	2017	CHEVROLET	TAHOE	34,136	-	44,000	-	-	-
Patrol	225175	2017	2023	3	6	44,000	2023	251	2017	CHEVROLET	TAHOE	31,946	-	44,000	-	-	-
Patrol	226257	2017	2023	3	6	44,000	2023	252	2017	CHEVROLET	TAHOE	36,224	-	44,000	-	-	-
Patrol	538512	2017	2023	3	6	39,000	2023	254	2017	DODGE	CHARGER	35,337	-	39,000	-	-	-
Patrol	538148	2017	2023	3	6	39,000	2022	256	2017	DODGE	CHARGER	37,793	-	39,000	-	-	-
Patrol	538147	2017	2023	3	6	39,000	2024	258	2017	DODGE	CHARGER	35,726	-	39,000	-	-	-
Patrol	538150	2017	2023	3	6	39,000	2023	259	2017	DODGE	CHARGER	39,176	-	39,000	-	-	-
SRO	144973	2014	2020	6	6	45,000	2023	109	2014	CHEVROLET	TAHOE 4X4	42,454	-	-	45,000	-	-
Unmarked	309026	2012	2022	8	10	40,000	2023	130	2012	DODGE	DURANGO	58,617	-	-	40,000	-	-
Patrol	C51825	2016	2022	4	6	41,000	2022	148	2016	FORD	Explorer Interceptor	35,181	-	-	41,000	-	-
Patrol	114461	2016	2022	4	6	41,000	2022	155	2016	FORD	Taurus Interceptor	37,143	-	-	41,000	-	-
Patrol	114462	2016	2022	4	6	41,000	2023	159	2016	FORD	Taurus Interceptor	38,788	-	-	41,000	-	-
Patrol	114579	2016	2022	4	6	41,000	2022	166	2016	FORD	Taurus Interceptor	39,269	-	-	41,000	-	-
Patrol	772434	2015	2021	5	6	40,000	2021	167	2015	DODGE	CHARGER	49,849	-	-	40,000	-	-
Investigations	532623	2011	2021	9	10	40,000	2021	186	2011	CHEVROLET	CAPRICE	50,699	-	-	40,000	-	-
Investigations	251149	2011	2021	9	10	40,000	2023	189	2011	CHEVROLET	IMPALA	52,461	-	-	40,000	-	-
Investigations	629443	2013	2019	7	6	40,000	2022	203	2013	DODGE	CHARGER	46,378	-	-	40,000	-	-
Patrol	C27882	2016	2022	4	6	41,000	2022	235	2016	FORD	Explorer Interceptor	36,101	-	-	41,000	-	-
Patrol	C27884	2016	2022	4	6	41,000	2022	239	2016	FORD	Explorer Interceptor	34,929	-	-	41,000	-	-
Patrol	B72780	2017	2023	3	6	41,000	2024	240	2017	FORD	Explorer Interceptor	26,558	-	-	41,000	-	-
Admin	B72781	2017	2023	3	6	41,000	2024	241	2017	FORD	Explorer Interceptor	29,081	-	-	41,000	-	-
Patrol	B72782	2017	2023	3	6	41,000	2024	242	2017	FORD	Explorer Interceptor	27,506	-	-	41,000	-	-
Patrol	B72963	2017	2023	3	6	41,000	2024	243	2017	FORD	Explorer Interceptor	27,781	-	-	41,000	-	-
Patrol	229124	2017	2023	3	6	45,000	2024	248	2017	CHEVROLET	TAHOE	24,830	-	-	45,000	-	-
Patrol	227671	2017	2023	3	6	45,000	2024	250	2017	CHEVROLET	TAHOE	26,388	-	-	45,000	-	-
Patrol	227648	2017	2023	3	6	45,000	2024	253	2017	CHEVROLET	TAHOE	24,852	-	-	45,000	-	-

Police
Replacement Vehicles
2020 - 2025

Vehicle Status	Asset #	Year of Acquisition	Replacement Year per Policy	Current Age (Years)	Useful Life (Years)	Estimated Replacement Cost	Department Requested	Unit #	Year	Make	Model	Mileage or Hours	FY 20-21	FY 21-22	FY 22-23	FY 23-24	FY 24-25
Patrol	538149	2017	2023	3	6	40,000	2024	255	2017	DODGE	CHARGER	27,728	-	-	40,000	-	-
Investigations	114460	2016	2022	4	6	41,000	2024	149	2016	FORD	Taurus Interceptor	27,108	-	-	-	41,000	-
Truck	260756	2014	2024	6	10	45,000	2022	225	2014	DODGE	RAM 2500 TK	37,607	-	-	-	45,000	-
Patrol	C27883	2016	2022	4	6	42,000	2023	237	2016	FORD	Explorer Interceptor	26,938	-	-	-	42,000	-
Patrol	610626	2017	2023	3	6	41,000	2024	262	2017	DODGE	CHARGER	20,809	-	-	-	41,000	-
Patrol	248971	2018	2024	2	6	41,000	2024	263	2018	DODGE	CHARGER	9,355	-	-	-	41,000	-
Patrol	248972	2018	2024	2	6	41,000	2024	264	2018	DODGE	CHARGER	3,938	-	-	-	41,000	-
Patrol	231727	2018	2024	2	6	46,000	2024	265	2018	CHEVROLET	TAHOE	14,695	-	-	-	46,000	-
Patrol	233694	2018	2024	2	6	46,000	2024	266	2018	CHEVROLET	TAHOE	13,475	-	-	-	46,000	-
Patrol	236027	2018	2024	2	6	46,000	2024	267	2018	CHEVROLET	TAHOE	14,099	-	-	-	46,000	-
Patrol	235466	2018	2024	2	6	46,000	2024	268	2018	CHEVROLET	TAHOE	10,558	-	-	-	46,000	-
Patrol	234553	2018	2024	2	6	46,000	2024	269	2018	CHEVROLET	TAHOE	6,813	-	-	-	46,000	-
Patrol	236565	2018	2024	2	6	46,000	2024	270	2018	CHEVROLET	TAHOE	17,188	-	-	-	46,000	-
Patrol	231747	2018	2024	2	6	46,000	2024	271	2018	CHEVROLET	TAHOE	11,832	-	-	-	46,000	-
Patrol	237475	2018	2024	2	6	46,000	2024	272	2018	CHEVROLET	TAHOE	12,816	-	-	-	46,000	-
Patrol	237392	2018	2024	2	6	46,000	2024	273	2018	CHEVROLET	TAHOE	10,195	-	-	-	46,000	-
Patrol	323890	2018	2024	2	6	41,000	2024	274	2018	DODGE	CHARGER	16,448	-	-	-	41,000	-
Patrol	322859	2019	2025	1	6	46,000	2025	277	2019	CHEVROLET	TAHOE	2,035	-	-	-	46,000	-
Patrol	1GNSKD	2019	2025	1	6	46,000	2025	279	2019	CHEVROLET	TAHOE	3,325	-	-	-	46,000	-
Patrol	1GNSKD	2019	2025	1	6	46,000	2025	284	2019	CHEVROLET	TAHOE	3,125	-	-	-	46,000	-
Admin	1GNSKD	2019	2025	1	6	46,000	2025	285	2019	CHEVROLET	TAHOE	3,841	-	-	-	46,000	-
Undercover	325100	2012	2022	8	10	40,000	2023	103	2012	DODGE	CARAVAN	47,418	-	-	-	-	40,000
Admin	C15681	2016	2026	4	10	42,000	2024	234	2016	FORD	Explorer Interceptor	16,068	-	-	-	-	42,000
Patrol	582215	2019	2025	1	6	43,000	2025	275	2019	DODGE	CHARGER	778	-	-	-	-	43,000
Patrol	323338	2019	2025	1	6	47,000	2025	276	2019	CHEVROLET	TAHOE	1,188	-	-	-	-	47,000
Patrol	314938	2019	2025	1	6	47,000	2025	278	2019	CHEVROLET	TAHOE	1,040	-	-	-	-	47,000
Patrol	314798	2019	2025	1	6	47,000	2025	280	2019	CHEVROLET	TAHOE	1,170	-	-	-	-	47,000
Patrol	316843	2019	2025	1	6	47,000	2025	281	2019	CHEVROLET	TAHOE	1,517	-	-	-	-	47,000
Patrol	316185	2019	2025	1	6	47,000	2025	282	2019	CHEVROLET	TAHOE	1,477	-	-	-	-	47,000
Patrol	318792	2019	2025	1	6	47,000	2025	283	2019	CHEVROLET	TAHOE	3,720	-	-	-	-	47,000
Patrol	317165	2019	2025	1	6	47,000	2025	284	2019	CHEVROLET	TAHOE	3,125	-	-	-	-	47,000
Admin	315313	2019	2025	1	6	47,000	2025	286	2019	CHEVROLET	TAHOE	1,589	-	-	-	-	47,000
Patrol	617725	2019	2025	1	6	43,000	2025	287	2019	DODGE	CHARGER	270	-	-	-	-	43,000
Patrol	617726	2019	2025	1	6	43,000	2025	288	2019	DODGE	CHARGER	204	-	-	-	-	43,000
Patrol	622432	2019	2025	1	6	43,000	2025	289	2019	DODGE	CHARGER	1,025	-	-	-	-	43,000
Patrol	622433	2019	2025	1	6	43,000	2025	290	2019	DODGE	CHARGER	202	-	-	-	-	43,000
Patrol	622431	2019	2025	1	6	43,000	2025	293	2019	DODGE	CHARGER	274	-	-	-	-	43,000
Patrol	659072	2019	2025	1	6	43,000	2025	294	2019	DODGE	CHARGER	212	-	-	-	-	43,000
Patrol	125203	2020	2025	1	6	47,000	2025	295	2019	CHEVROLET	TAHOE	95	-	-	-	-	47,000
Patrol	125131	2020	2025	1	6	47,000	2025	296	2019	CHEVROLET	TAHOE	10	-	-	-	-	47,000
Patrol	124873	2020	2025	1	6	47,000	2025	297	2019	CHEVROLET	TAHOE	10	-	-	-	-	47,000

\$ 4,435,000

946,000 869,000 830,000 890,000 900,000

Police
Replacement Vehicles
2020 - 2025

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 20-21	FY 21-22	FY 22-23	FY 23-24	FY 24-25
C11758	2009	2019	11	10	\$ 30,000	5402	2009	Ford	Escape XLT 4WD	48,644	30,000	-	-	-	-
F40366	2012	2022	8	10	36,500	5406	2012	Ford	Expedition XL	58,308	-	-	36,500	-	-
					<u><u>\$ 66,500</u></u>						<u><u>30,000</u></u>	<u><u>-</u></u>	<u><u>36,500</u></u>	<u><u>-</u></u>	<u><u>-</u></u>

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 20-21	FY 21-22	FY 22-23	FY 23-24	FY 24-25
C63642	2011	2021	9	10	\$ 55,000	5505	2011	FORD	F350 4X4 SUPER DUTY	18,588	-	70,000	-	-	-
B05140	2014	2024	6	10	105,000	5502	2015	FORD	F-450 4x4 SUPER DUTY	11,612	-	-	-	105,000	-
E46290	2014	2024	6	10	28,000	5521	2014	FORD	Escape	32,211	-	-	-	28,000	-
					\$188,000						-	70,000	-	133,000	-

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 20-21	FY 21-22	FY 22-23	FY 23-24	FY 24-25
2342	2004	2012	16	7	\$ 10,000	5637	2004	LAY-MOR	SWEeper	TRACTOR	835	10,000	-	-	-	-
404106	2007	2017	13	10	175,000	5613	2007	INTERNATIONAL	4200 SBA 4X2	DUMP TRUCK	6,994	175,000	-	-	-	-
C31011	2008	2018	12	10	60,000	5615	2008	FORD	F350 4X4 CREW CAB	TRUCK	66,054	60,000		-	-	-
A19112	2008	2018	12	10	60,000	5632	2008	FORD	F350 4X4 CREW CAB	TRUCK	74,816	60,000	-	-	-	-
14059	2014	2019	6	5	13,500	5649	2014	John Deere	Z930M	LAWN MOWER	1,731	13,500	-	-	-	-
14060	2014	2019	6	5	13,500	5612	2014	John Deere	Z930M	LAWN MOWER	1,538	13,500	-	-	-	-
12	2006	2021	14	15	15,000	5618	206	PROLINE	Trailer	Trailer	-	15,000	-	-		
B22038	2009	2019	11	10	38,000	5638	2009	FORD	F250 4X4 EXT CAB	TRUCK	69,570	38,000	-	-	-	-
GR7124	2016	2023	4	7	245,000	5661	2016	FREIGHTLINER	JOHNSTON 655 MKII	SWEeper	1,128	245,000	-	-	-	-
A43484	2008	2018	12	10	60,000	5609	2008	FORD	F350 4X4 CREW CAB	TRUCK	58,294	-	60,000	-	-	-
2051	2005	2013	15	8	101,500	5627	2005	JOHN DEERE	6420 TRACTOR	TRACTOR	1,039	-	101,500	-	-	-
FA2115	2012	2019	8	7	255,000	5646	2013	FREIGHTLINER	STREET SWEEPER	STREET SWEEPER	3,457	-	255,000	-	-	-
2467	2010	2020	10	10	72,000	5605	2010	HAMM	HAMM HD 13 VV	PAVEMENT ROLLER	633	-	72,000	-	-	-
2340	2008	2018	12	10	140,000	5610	2008	JCB	3C	BACKHOE	766	-	-	140,000	-	-
160094	2000	2015	19	15	25,000	5639	2000	Towmaster	Trailer	Trailer	-	-	-	25,000		
394144	2006	2021	14	15	98,000	5617	2006	PIPEHUNTER	7834G SEWER JET	Sewer Jet & Trailer are one	618	-	-	98,000	-	-
394143	2006	2021	14	15	88,500	5620	2006	PIPEHUNTER	Sewer vacuum	Sewer Vacuum & Trailer are one	527	-	-	88,500	-	-
3085	2016	2021	4	5	13,500	5660	2016	Hustler	X-One	LAWN MOWER	774	-	-	13,500	-	-
2339	2008	2018	12	10	182,500	5619	2008	CHAMPION	C86C	MOTOR GRADER	1,235	-	-	-	182,500	-
A08604	2012	2022	8	10	60,000	5641	2012	FORD	F350 4X4 CREW CAB	TRUCK	35,188	-	-	-	60,000	-
2541	2012	2022	8	10	80,000	5642	2012	HYUNDAI	ROBEX60CR-9 EXCAVATOR	EXCAVATOR	2,648	-	-	-	80,000	-
C33244	2012	2022	8	10	60,000	5645	2012	FORD	F350 CREW CAB 4X4 XL	TRUCK	37,279	-	-	-	60,000	-
2429	2010	2020	10	10	192,000	5622	2010	LINKBELT	LINKBELT EXCAVATOR	EXCAVATOR	1,775	-	-	-	-	192,000
N/A	2018	2023	2	5	11,500	5670	2018	Hustler	X-One 52" Mower	Zero Turn Mower	317	-	-	-	-	11,500

\$ 2,069,500

630,000 488,500 365,000 382,500 203,500

Streets
Replacement Vehicles
2020-2025

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 20-21	FY 21-22	FY 22-23	FY 23-24	FY 24-25
FG4363	2013	2020	7	7	\$ 210,000	5813	2013	FREIGHTLINER	108SD	GARBAGE TRUCK	7,222	210,000	-	-	-	-
AU6827	2010	2018	10	8	155,000	5810	2010	FREIGHTLINER	M2	KNUCKLEBOOM	5,864	155,000	-	-	-	-
168221	2013	2020	7	7	42,000	5801	2013	ODB	SCL800 TM25	Leaf Vacuum - Tow Behind	77	-	42,000	-	-	-
168222	2013	2020	7	7	42,000	5812	2013	ODB	SCL800 TM25	Leaf Vacuum - Tow Behind	139	-	42,000	-	-	-
GH3874	2014	2022	5	8	138,000	5814	2015	FREIGHTLINER	M2106	KNUCKLEBOOM	4,945	-	138,000	-	-	-
HE8164	2015	2023	4	7	240,000	5815	2016	FREIGHTLINER	108SD	GARBAGE TRUCK	29,832	-	-	-	240,000	-
HY9719	2016	2023	4	7	240,000	5816	2016	FREIGHTLINER	108SD	GARBAGE TRUCK	4,134	-	-	-	240,000	-
HY9719	2017	2024	2	8	245,000	5818	2018	FREIGHTLINER	108SD	GARBAGE TRUCK	2,761	-	-	-	-	245,000
<u>\$ 1,312,000</u>												<u>365,000</u>	<u>222,000</u>	<u>-</u>	<u>480,000</u>	<u>245,000</u>

Environmental Services
Replacement Vehicles
2020-2025

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 20-21	FY 21-22	FY 22-23	FY 23-24	FY 24-25
2057	2006	2014	14	8	\$ 23,000	8546	2006	BOBCAT	2200D ATV 4X4	ATV	422	23,000	-	-	-	-
428141	2007	2017	13	10	158,000	8537	2007	INTERNATIONAL	4200 SBA 4X2	DUMP BED	1,100	158,000	-	-	-	-
436364	2007	2017	13	10	204,000	8543	2007	INTERNATIONAL	4300 SBA 4X2	BUCKET TRUCK	3,651	204,000	-	-	-	-
2481	2010	2020	10	10	47,500	8561	2010	WACKER NEUSON	RTSC2 TRENCH	ROLLER	45	47,500	-	-	-	-
2482	2010	2020	10	10	47,500	8562	2010	WACKER NEUSON	RTSC2 TRENCH	ROLLER	75	47,500	-	-	-	-
1944	2005	2020	15	15	89,500	8545	2005	Sherman & Reilly	Underdawg Wire Puller	Wire Puller Trailer	119	89,500	-	-	-	-
	1982	1997	38	15	20,000	8534	1982	Hudson	3 Wire Spool Trailer	Trailer	-	20,000	-	-	-	-
A25617	2011	2021	9	10	40,500	8523	2011	FORD	E250 CARGO VAN	VAN	51,662	-	40,500	-	-	-
2552	2012	2022	8	10	93,500	8512	2012	TAKEUCHI	TL240CR	SKID STEER	663	-	-	93,500	-	-
B85573	2012	2022	8	10	76,500	8514	2012	FORD	F550 4X4 CREW CAB TOOL BO	TRUCK	45,827	-	-	76,500	-	-
B85572	2012	2022	8	10	76,500	8529	2012	FORD	F550 4X4 CREW CAB TOOL BO	TRUCK	49,609	-	-	76,500	-	-
2651	2013	2023	7	10	55,000	8535	2013	JCB	8035ZTS	TRACKHOE	1,243	-	-	-	55,000	-
					\$ 931,500							589,500	40,500	246,500	55,000	-

Electric - Operations
Replacement Vehicles
2020-2025

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 20-21	FY 21-22	FY 22-23	FY 23-24	FY 24-25
2551	2012	2020	8	8	\$ 85,500	8607	2012	VERMEER	BC1800XL	CHIPPER	2,764	85,500	-	-	-	-
FE0753	2012	2022	8	10	225,000	8608	2012	FREIGHTLINER	M2 106	BUCKET TRUCK	5,920	-	-	225,000	-	-
2730	2015	2023	5	8	70,000	8609	2015	BANDIT	2650T	STUMP GRINDER	250	-	-	-	70,000	-
<u>\$ 380,500</u>												<u>85,500</u>	<u>-</u>	<u>225,000</u>	<u>70,000</u>	<u>-</u>

Tree Trimming
Replacement Vehicles
2020-2025

Appendix A: Long Range CIP Project Plan

Projects listed below were included in the FY 19-24 CIP update, 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 2
4. Richland Creek – Phase 3
5. Ligon Mill Road Extension – Phase 1
6. Ligon Mill Road Extension – Phase 2
7. Pedestrian Sidewalk Connections
8. US 1-A South Main Street Bike Lanes
9. Dunn Creek Greenway – Phase 4
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

Parks and Recreation

1. 94 Acre Park Development/Equipment
2. Joyner Park – Phase III

Asset Maintenance

1. Miller Stream Rehabilitation and Restoration