



2019-
2024

CITY OF CONCORD, NC CAPITAL IMPROVEMENT PLAN

Concord
NORTH CAROLINA
High Performance Living
www.concordnc.gov

On May 16th, 2019, the streets of Concord hosted a parade in advance of the NASCAR Coca-Cola 600. More than 30 car haulers made their way down Union Street and towards the Charlotte Motor Speedway. Additional information about this event can be found at www.600festival.com/haulers-on-union.

Photo Credit: Brian Parsley





Mission

The City of Concord partners with our community to deliver excellent service, and plans for the future while preserving, protecting, and enhancing the quality of life.

Core Values

Culture of Excellence: We *respect* members of the public and each other, and treat all with courtesy and dignity. We rely on *teamwork* to provide a seamless experience for all customers. We uphold high *ethical standards* in our personal, professional, and organizational conduct. We *continuously improve* by promoting innovation and flexibility to best meet the needs of customers with available resources.

Accountability: We accept responsibility for our personal and organizational decisions and actions, while delivering cost-effective and efficient services that are done right the first time.

Communication: We openly communicate with the public and each other by sharing information and soliciting feedback to achieve our goals.

Environment: We are concerned about our natural, historic, economic, and aesthetic resources and work to preserve and enhance them for future generations.

Safety: We use education, prevention, and enforcement methods to protect life and property in the community, and maintain our infrastructure and facilities to provide a safe environment in which to live, work, shop, and play.

Trust: We realize the perception of our organization is dependent upon the public's confidence in our commitment to our core values and to meeting the goals set collectively by the Mayor and City Council.

Team Concord's Principles of Excellent Service

Concern for the Individual
Professional Service
Timeliness

Customer Focus
Effective Communications
Teamwork

Fair and Equitable Service
Taking Ownership
Great Service Recovery

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(Website: <http://www.concordnc.gov/departments/finance/budget/capital-improvement-plan>)

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Introduction & Summary Information

Guide to the Sections of the FY 2020-2024 Capital Improvement Plan

The capital improvement plan (CIP) outlines the City's plan for achieving the goals, objectives, and service delivery levels desired by the Mayor and City Council. The purpose of this plan is to forecast and match projected revenues and major capital needs over a five (5)-year period. Capital planning is an important management tool that strengthens the linkages between community infrastructure needs and the financial capacity of the City.

The City defines CIP capital expenditures as any expenditure of major value that recurs irregularly, results in the acquisition of a fixed asset, and has a useful life greater than one (1) year. As a rule of thumb, items included in the CIP are those which involve:

- acquisition, renovation, and/or construction of a single fixed asset greater than \$100,000 – excluding vehicle or equipment purchases,
- any land purchases not associated with another CIP project, or
- capital road maintenance or construction greater than \$100,000 – excluding recurring or routine maintenance projects

The CIP is updated annually to ensure that it addresses new and changing priorities within the City.

Introduction/Summary Information: The introduction section consists primarily of the Manager's Message – an executive summary of the CIP from the City Manager to the Mayor and City Council. It discusses the major factors impacting the CIP and provides a summary of first-year projects and funding sources. The introduction also includes the CIP Policy, the Mayor and Council goals and objectives, organizational and financial summary charts, and the CIP Ordinance.

Detailed CIP Project Information: This section includes a brief summary of the City's capital improvement projects approved in the FY 2020 budget. For each capital expenditure, the CIP includes an expenditure description, a justification of the expenditure and how it addresses a City goal, proposed funding levels and sources, and, if applicable, an estimate of ongoing operating costs.

Year 1 Projects Approved by City Council: This section includes a brief summary of the City's capital improvement projects that were approved for funding in the first fiscal year of the CIP, or FY 2020. For each of these capital projects, the CIP includes an expenditure description, a justification of the expenditure and how it addresses a City goal, proposed funding levels and sources, and, if applicable, an estimate of the five-year impact of ongoing personnel and operating costs.

Supplemental Information: This section contains supplemental information regarding the City's CIP process, including the CIP Request Form, the CIP Request Form Instructions, and a glossary of CIP terminology.

CONTACT INFORMATION

If you have any questions regarding this document, please contact the Budget Department at:
(704) 920-5261, (704) 920-5263, (704) 920-6263 or visit the City's website:

www.concordnc.gov/Departments/Finance/Budget/Capital-Improvement-Plan

Capital Improvement Plan (CIP) Process

How is the CIP developed?

The CIP is updated annually as part of the City's regular budget process. After departments submit their CIP requests to Budget in the fall, the City's capital project selection committee reviews and evaluates the proposed projects based on Mayor and City Council service priorities, infrastructure needs, the financial capacity of the city, and the impact the projects could have on the City's operating budgets.

Once the projects are evaluated, the committee recommends the selection and timing of capital projects through future fiscal years. First-year projects are incorporated into the City Manager's recommended annual operating budget. In some cases, plans are made to include the project in a separate capital project ordinance, to be approved by the City Council when the operating budget is approved. The Mayor and City Council are also presented the future, unappropriated, planning years for their consideration, review, and endorsement so that staff can proceed with planning and evaluation of potential capital projects.

Capital Improvement Plan

The capital improvement plan is simply that – a *plan*. As such, projects are subject to change based on new or shifting service needs, special financing opportunities, emergency needs, or other directives or priorities established by the Mayor and City Council. Because priorities can change, projects included in outward planning years are not guaranteed for funding.

Operating Budget Impacts

Departmental budgets may be impacted by capital projects once they are completed and require maintenance/upkeep. Examples of these impacts include additional or reduced utilities, fuel costs, or staffing changes, which may not be realized until after projects are completed. When available, the impacts of capital projects on the annual operating budget are estimated and included in Section 4 for each project's CIP. For many projects, the operating costs are captured in the department's annual operating budget and no additional operating costs are listed. Most projects will not have an operating impact in the initial funding year, since this is typically the construction/installation phase and operating budgets are not impacted.

FY2020-2024 CIP Development Calendar

TASK	START DATE	DUE/END DATE(S)	JULY	AUG	SEPT	OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE
CIP Entry into Budget System	10/22/19	11/16/19												
Council and Community service level goals and objectives established by Mayor & City Council	2/1/19	2/1/19												
CIPs discussed during departmental budget meetings	1/28/19	2/26/19												
CIP selection committee review meetings	12/3/19	2/13/19												
City Manager's recommended budget containing CIPs presented to Mayor & City Council	4/16/19	4/16/19												
Budget available for public viewing at City Clerk's Office	5/30/19	6/13/19												
Mayor & City Council review budget and performance objectives	5/30/19	6/13/19												
Public Hearing conducted; CIP ordinance adopted by City Council	6/13/19 (Budget Public Hearing)	6/13/19 (Budget Public Hearing)												

Legend:

- Budget Staff, Department Directors
- Mayor, City Council, City Mgt., Dept. Directors, Budget Staff
- CIP Selection Committee
- City Mgt., Budget Staff, Department Directors
- City Mgt. & Budget Staff
- Mayor & City Council



May 31, 2019
The Honorable William C. "Bill" Dusch, Mayor
Members of the City Council
Concord, North Carolina

Dear Mayor Dusch and Members of the City Council:

I'm pleased to present you the Capital Improvement Plan (CIP) for the fiscal years 2020-2024. The CIP serves as a long-range planning tool used to help the City match revenues with major capital (items/projects with a unit cost over \$100,000) needs over a five-year period. The projects in the CIP are derived from the City Council's 2020-2023 Strategic Plan, citizen requests, and departmental recommendations. A summary version of the CIP was provided with my recommended budget and fiscal year 2020 projects were included in the operating budget that City Council adopted on June 13, 2019. Subsequent fiscal year projects are unfunded and presented for planning purposes only.

Major Factors Impacting Capital Planning

Revenue – All budgets are constrained by available revenues, and that is no different for Concord. Capital projects are prioritized so that available funds are allocated based on need, Council priority, and their impact on service provision. Fiscal year 2020 includes funding for a variety of City projects.

Enhancing Quality of Life/Place: Parks & Recreation projects are a highlight of the FY 2020 CIP. Funding is included for making progress on aspects of Coddle Creek and McEachern greenways. A connectivity plan to identify and conduct connectivity projects using the five target areas of the Open Space Connectivity Analysis has been funded. These projects will target pedestrian usage for their safety and wellness.

Improving Traffic Conditions & Pedestrian Safety: With the rapid growth the City is experiencing, the importance of transportation infrastructure cannot be understated. Funding is appropriated for the planning and redesign of the Union Street Streetscape. Other projects include the rehabilitation of Virginia St. and corresponding sidewalks, sidewalk improvements for pedestrians, improvements at the intersection of Spring, Chestnut, and Broad, and improvements on US 601 at Flowes Store Rd.

Maintenance of City Facilities & Infrastructure: As City facilities age, there is a need to renovate buildings to meet safety standards and citizen expectations. Parks & Recreation has funding for HVAC units in the Gymnasiums of the three recreation centers and parking improvements at the Logan Multi-purpose Center. Parking improvements at the Alfred M. Brown Operations Center and an expansion to the Grounds Shed will also be funded. Fire has received funds to acquire land for a new joint training facility for Fire and Police as well as funds to acquire land for a new Fire Station #13. Construction for these projects will begin after land is acquired. Water projects include settling basin upgrades at the Coddle Creek and Hillgrove Water Treatment Plants, a water tank near US 29, TRS at Midland and Mt. Pleasant water tanks, GAC contractors at Hillgrove, a resurfacing clearwell #2 at Hillgrove, a rehab/replacement of the filter to the waste valve at Hillgrove, and a switchgear replacement at the Coddle Creek Water Treatment Plant. Electric will add a new 44kV Delivery #6 East of Concord, construct a new 100kV sub at Delivery #4, add a 100kV tie Line at George Liles Blvd, and will construct three new substations at the Copperfield Blvd Location, on Poplar Tent Road (R), and on US Highway 601 South (S). The City continues to extend its fiber network as well.

Environmental Protection- Our environment is fragile, and we realize the importance of being good stewards. The CIP continues to ensure our continuing attention to the undesired effects of stormwater run-off and its environmental impacts through the replacement of one stormwater culvert, three sewer outfall, and seven waterline expansions/replacements. Funding is also appropriated for a Bulk Storage Fluoride Tank where the City can store Fluoride safer than the current situation.

First-Year CIP Project Listing

A total of \$30,666,588 in capital projects has been identified for FY2020. A list of all first-year projects and their primary funding sources (in parenthesis) can be found below. Additional project detail is available on the following pages of this CIP document.

Parks & Recreation Capital Projects Fund

- HVAC in Gymnasiums: \$542,500 (transfer from general capital reserves, transfer from operating budget)
- Connectivity Plan: \$350,000 (transfer from general capital reserves)
- McEachern Greenway Development, Hospital Phase and Parking Lot: \$303,200 (transfer from general capital reserves)
- Coddle Creek Greenway Development, Phase 1 & 2: \$606,800 (transfer from general capital reserves, transfer from operating budget)
- Parking Improvements, Logan Center: \$47,000 (transfer from general capital reserves)

Wastewater Capital Projects Fund

- Lincoln Street Sewer Outfall Replacement to Broad Drive: \$1,348,000 (capacity fees)
- Irish Buffalo creek Sewer Outfall Replacement to Central Drive: \$100,000 (capacity fees)
- Irish Buffalo Creek Sewer Outfall Replacement to Aaron Place: \$155,000 (capacity fees)

Transportation Capital Projects Fund

- Virginia Street Rehabilitation: \$450,000 (2¢ allocation from General Fund)
- Pedestrian Improvements, Sidewalks: \$500,000 (vehicle fees, 2¢ allocation from General Fund)
- Spring, Chestnut, Broad Intersection Improvements: \$695,000 (2¢ allocation from General Fund)
- US 601 at Flowes Store Rd Improvements: \$1,951,469 (2¢ allocation from General Fund, CMAQ grant)

Fire Capital Projects Fund

- Training Facility: \$1,050,000 (transfer from general capital reserves)
- Fire Station #13: \$300,000 (transfer from general capital reserves)

General Capital Projects Fund

- Union Street Streetscape: \$200,000 (transfer from operating budget)
- Fiber Network Extension: \$250,000 (transfer from Aviation, transfer from Electric, transfer from General Fund, transfer from Wastewater, transfer from Water)
- Grounds Shed Expansion: \$545,000 (transfer from general capital reserves, transfer from Aviation, Transfer from Electric, transfer from General Fund, Transfer from Wastewater, transfer from Water)
- Op. Center Improvements Parking & Access Road: \$458,000 (transfer from General Fund)

Stormwater Projects Fund

- Glen Eagles Lane Culvert Replacement: \$936,000 (transfer from Stormwater)

Electric Projects Fund

- New 44kV Delivery #6 East of Concord – Sub P: \$2,090,000 (transfer from Electric)
- New Delivery #4 & 100kV Exits Down Hwy 29 – Interconnect – Phase 1: \$5,109,912 (bond proceeds, transfer from Electric, transfer from utility reserve fund)
- Construction of 100kV Sub at Delivery #4 – Sub Q – Phase 2: \$3,195,254 (transfer from Electric)
- Construction of New Electric Substation N in Copperfield Blvd Location: \$500,000 (bond proceeds, transfer from Electric)
- 100kV tie Line-Liles Blvd to Sub O: \$1,000,000 (bond proceeds, transfer from Electric)

- New Electric Substation R on Poplar Tent Rd: \$500,000 (bond proceeds, transfer from Electric)
- New Electric Substation S on US Hwy 601 S: \$510,000 (bond proceeds, transfer from Electric)

Water Projects Fund:

- Coddle Creek WTP Settling Basin Upgrades: \$500,000 (capacity fees)
- US Highway 29 Water Tank: \$300,000 (capacity fees)
- Poplar Tent Road 24" Water Line Extension: \$412,000 (capacity fees)
- TRS for Midland Tank and Mt. Pleasant Tank: \$100,000 (capacity fees)
- Coddle Creek WTP Switchgear Replacement: \$1,485,000 (capacity fees)
- GAC Contractors at Hillgrove WTP: \$775,000 (capacity fees)
- Hillgrove Settling Basin Improvements: \$300,000 (future project reserve, transfer from Water)
- Resurface Clearwell #2 at Hillgrove WTP: \$130,000 (transfer from Water)
- Virginia Street 6" Water Line Replacement: \$537,000 (capacity fees, transfer from Water)
- Hillgrove WTP Bulk Storage Fluoride Tank: \$300,000 (transfer from Water)
- Hillgrove WTP Filter to Waste Valve Rehab/Replacement: \$250,000 (transfer from Water)
- Spring Street/Chestnut Drive/Broad Drive Intersection Improvement Water Line Replacement: \$280,000 (transfer from Water)
- NC Highway 49 24" Water Line Extension: \$900,000 (future project reserves)
- Union Cemetery Road Realignment: \$30,000 (transfer from Water)
- US Highway 29/601 Bridge over Irish Buffalo Creek: \$20,000 (transfer from Water)

Rocky River Golf Course:

- Fairway Bunker Restoration: \$129,800 (transfer from general capital reserves)

First-Year Revenue Sources

Pay-as-you-go: Whenever possible, pay-as-you-go ("operating revenue" or "Transfer from --- Fund") funding is the preferred method of funding CIP projects. Most items listed above use this method.

Capital Reserve Funds: These funds have been set aside for use in funding capital projects.

Vehicle Fees: The City collects a small fee for vehicles registered within City limits. Revenue from this fee goes directly to fund transportation projects.

Grant Funds: The City continues to aggressively pursue state and federal grant funding and has been successful in many of these efforts. Examples of grant funding include NCDOT reimbursements, Transportation Alternative Program grants, and Congestion Mitigation and Air Quality grants.

Debt Proceeds: The City has the ability to take out debt for capital assets and projects. The main way debt is issued to the city is through bonds. The City follow a strict policy on when to take out debt. However, it is sometimes a necessary tool to finance capital projects.

Capacity Fees: One-time charges assessed against new development as a way to pay for facilities needed to support growth or to recoup costs for existing facilities.

Conclusion

The following pages of this document provide additional detail on the projects listed above as well as those in future planning years. This document is considered a "living" document that serves as a planning guide and will be adjusted as existing projects change and new needs arise.

Respectfully submitted,



Lloyd Wm. Payne, Jr. ICMA-CM
City Manager

INVESTING TODAY IN YOUR FUTURE

CITY OF CONCORD STRATEGIC PLAN 2020 – 2023



MISSION

The City of Concord partners with our community to deliver excellent service, and plans for the future while preserving, protecting, and enhancing the quality of life.

CORE VALUES

As representatives of the City of Concord, we pledge to promote a **Culture of Excellence**, provide and expect **Accountability**, openly **Communicate**, protect our **Environment**, focus on **Safety**, and enhance public **Trust**.

PRINCIPLES OF EXCELLENT SERVICE

Concern for the Individual
Professional Service
Timeliness

Customer Focus
Effective Communications
Teamwork

Fair and Equitable Service
Taking Ownership
Great Service Recovery





GOALS & OBJECTIVES

GENERAL GOVERNMENT

Continue to adhere to approved financial management policies that maintain the City's financial strength and integrity including continuation of conservative revenue estimates that reflect economic conditions and the aggressive pursuit of revenues collections.

Continue to enhance partnership among management, directors, and Customer Service Advancement Team to serve our employees and citizens, apply best practices to enhance satisfaction levels, and focus on continuous improvement.

Implement recommendations from employee survey to ensure employee voice is a priority throughout our organization.

Invest in coworker compensation and benefits to ensure the recruitment and retention of talent to deliver community services.

Support the recognized neighborhood program and seek opportunities to enhance the quality of relationships, strengthen communications, and build capacity of neighborhood leaders.

Explore additional resources to provide enhanced communications and outreach in the form of more original content and improved social media engagement.

Redesign City website to make it more user and mobile friendly.

Continue to establish and cultivate relationships at the local, State, and Federal levels to facilitate collaborative projects for Concord.

MISSION

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PUBLIC WORKS

Fund recommendations to fully implement Water, Sewer, and Storm Water master plans.

Continue emphasis on improving community appearance through regular street sweeping, litter pick-up and removal of signs that violate City ordinance. Focus on litter through enforcement, communication, and City-led roadside activities.

Continue to pursue strategies to promote water conservation, water re-use, and investigate alternatives to reducing individual water use.

Examine ways to better educate the public on importance of recycling.

Explore options for implementing a solid waste fee.

Strengthen the City's fiber infrastructure and ensure all City facilities have fiber capability.

Secure property for Electric Delivery #4 and budget for construction.



PUBLIC SAFETY

Support the projected Public Safety facility, equipment, and personnel needs to meet service demands.

Secure property for Fire Station #12 and budget for construction.

Actively look for property to construct a Fire/Police training facility.

Complete the Weddington Road communication tower relocation.

RECREATION AND CULTURE

Consider enhancing the City's support of public art installations with process and funding models recommended by the Public Art Advisory Committee.

Continue to explore options to acquire property in the northwest area of Concord for the development of passive and active recreation.

Address the deteriorating health of downtown street trees, and communicate with stakeholders and the community in general about how street trees and lighting relate to the Downtown Master Plan's streetscape and beautification goals.

Work with internal City departments to identify projects that offer opportunities for greenway, park, and connectivity development.

Actively look for opportunities to open space/greenspace in Downtown Concord.

Work with Planning Department with a goal of having ordinances in place by 2020 to require dedication and potential construction of greenways and connectivity. Supporting language exists in the Parks and Recreation section of the draft 2030 Land Use Plan.

Pursue funding for acquisition and construction consistent with the Parks & Recreation Open Space Connectivity Analysis and Comprehensive Master Plan.

Support the connectivity of City parks, neighborhoods, and community centers through the enhancement of greenways, sidewalks, and multi-use paths.



ECONOMIC DEVELOPMENT

Implement the 2030 Land Use Plan, including prioritization of follow-up corridor and area plans.

Continue strategic implementation of the Downtown Master Plan, according to the plan's existing implementation matrix.

Evaluate ways to enhance the City's role in maintaining and building affordable housing, including exploring the pros and cons of investing in a General Fund allocation, creation of an affordable housing non-profit entity, and/or establishing formal designation as a Housing Authority.

Continue to regulate the design criteria for commercial development in accordance with the Concord Development Ordinance (CDO), with emphasis on low impact development.

Continue to work closely with economic development partners in Cabarrus County to present a complete coordinated recruitment and retention effort.

Work with public and private partners to redevelop and revitalize abandoned and blighted properties.



TRANSPORTATION

Continue, at a minimum, appropriating existing revenue amounts using 2-cents of the Ad Valorem tax and \$5.00 of the Vehicle tax for the Transportation Fund.

Continue efforts to secure funding for Congestion Mitigation Air Quality (CMAQ), Federal Transportation, Community, and System Preservation Program (TCSP), Economic Enhancement, Highway Safety Improvement (HSIP), and small construction projects from the federal government and/or the NCDOT, and continue to coordinate associated local activities with NCDOT Division 10.

Continue to routinely monitor projects and consider participation in additional projects to assure Transportation Fund revenues are being used to fund highest priorities and funds are available for local matches to leverage additional projects with a focus on City infrastructure.

Develop a viability analysis process to support privately and/or publicly-owned corporate/general aviation hangars at Concord Regional Airport.

Work with CATS, Cabarrus County, and the City of Kannapolis on the extension of the light rail into Concord/Cabarrus County.

Work with Cabarrus County and the City of Kannapolis to implement recommendations from the Public Transit Master Plan.

CONCORD CITY COUNCIL

Samuel Leder – District 1
W. Brian King – District 2
Ella Mae Small – District 3
Mayor William C. "Bill" Dusch
JC McKenzie – District 4
Terry Crawford – District 5
Jennifer Parsley – District 6
John Sweat, Jr. - District 7

Core Values

CULTURE OF EXCELLENCE

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SAFETY

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TRUST

We realize the perception of our organization is dependent upon the public's confidence in our commitment to our core values and to meeting the goals set collectively by the Mayor and City Council.

Fund & Budget Unit Structure (FY 2019-2020)

Below outlines the organizational structure the city uses to account for (including accounting numbers) revenues and expenditures of city operations. Revenues are accounted at the fund level. Expenditures are accounted at the budget unit level (e.g. Governing Body, Tree Trimming, Purchasing, Police, etc.).

GENERAL FUND

FUND 100 – GENERAL FUND

General Government

1. Governing Body – 4110
2. Public Services Admin. – 4115
3. City Manager’s Office – 4120
4. Human Resources – 4125
5. Wellness Center – 4126
6. Finance – 4130
7. Tax – 4140
8. Legal – 4150
9. Non-Departmental – 4190

Public Safety

10. Police – 4310
11. Code Enforcement – 4312
12. Emergency Communications – 4315
13. Radio Shop – 4330
14. Fire Operations – 4340
15. Fire Prevention – 4341
16. Fire Training – 4342
17. Emergency Management - 4343

Public Works

18. Streets & Traffic – 4510
19. Powell Bill – 4511
20. Traffic Signals – 4513
21. Traffic Services – 4514
22. Solid Waste & Recycling – 4520
23. Cemeteries – 4540
24. Fleet Services -- 4550

Economic Development

25. Planning & Neighborhood Development – 4910
26. Transportation Planning – 4915
27. Economic Development – 4920

Cultural and Recreational

28. Parks and Recreation – 6120
29. Aquatics – 6121

SPECIAL REVENUE FUNDS

FUND 201 – MUNICIPAL SERVICE DISTRICT FUND

1. Municipal Service District – 5000

FUND 210 – SECTION 8 VOUCHER PROGRAM FUND

1. Housing Vouchers Program – 1500

FUND 292 – ADDL. \$5 VEHICLE TAX (TRANSIT) FUND

1. Addl. \$5 Vehicle Tax – 8200

FUND 310 – COMMUNITY DEVELOPMENT BLOCK GRANT FUND

1. Administration – 3111
2. Projects – 3112

FUND 320 – HOME CONSORTIUM FUND

1. Administration – 3209
2. Projects – 3210

ENTERPRISE FUNDS

FUND 600 – STORMWATER FUND

1. Stormwater Operations – 7100

FUND 610 – ELECTRIC SYSTEMS FUND

1. Electric Administration – 7200
2. Purchased Power – 7210
3. Powerlines Maintenance – 7220
4. Tree Trimming – 7230
5. Electric Construction – 7240
6. Peak Shaving – 7241
7. Electric Engineering Services – 7250
8. Utility Locate Services – 7260

FUND 620 – WATER RESOURCES FUND

1. Hillgrove Treatment Plt. – 7330
2. Coddle Creek Treatment Plt. – 7331
3. Waterlines Op. & Maint. – 7340

FUND 630 – PUBLIC TRANSIT FUND

1. Rider Transit System – 7616

FUND 640 – WASTEWATER RESOURCES FUND

1. Wastewaterlines Op. & Maint.– 7420

FUND 650 – GOLF COURSE FUND

1. Rocky River Golf Club – 7501

FUND 680 – AVIATION FUND

1. Aviation Operations – 4530

FUND 690 – PUBLIC HOUSING FUND

1. Public Housing Operations – 1000

INTERNAL SERVICES FUND

FUND 800 – INTERNAL SERVICES FUND

1. Utilities Collections – 4200
2. Data Services – 4210
3. Billing – 4215
4. Customer Care – 4220
5. Engineering - 4230
6. Purchasing – 4250
7. Buildings & Grounds – 4270

PROJECT FUNDS

FUND 420 – PARKS & RECREATION CAPITAL PROJECTS

1. Parks & Recreation Capital Projects – 8300
2. Hector H Henry II Greenway – 8311
3. McEachern Greenway – 8312
4. Parks – 8313

FUND 421 – WASTEWATER CAPITAL PROJECTS

1. Wastewater Projects – 8402
2. Quail Haven – 8403
3. Irish Buffalo/Zion Church Outfall – 8404

FUND 423 – TRANSPORTATION CAPITAL PROJECTS

1. Streets Projects – 8600

FUND 426 – FIRE & LIFE SAFETY PROJECTS

1. Fire & Life Safety Projects – 8670

FUND 429 – WATER CAPITAL PROJECTS

1. Water Projects – 8700

FUND 430 – GENERAL CAPITAL PROJECTS

1. BOC Capital Projects- 8800
2. Business & Neighborhood Service Projects – 8801
3. Solid Waste Projects – 8802
4. Data Services Projects - 8803
5. General Fund Capital Projects – 8804

FUND 451 –AIRPORT PROJECTS

1. Airport Projects – 6300

FUND 473 – ELECTRIC PROJECTS

1. Electric Projects – 6949

FUND 474 – STORMWATER PROJECTS

1. Stormwater Master Plan – 7101
2. Stream Restoration Project – 7102
3. Stormwater Projects – 7103

FUND 475 – ROCKY RIVER GOLF COURSE PROJECTS

1. Golf Course – 7550

FIRST CONCORD/DEBT SERVICE FUNDS

FUND 550 – 2010 LIMITED OBLIGATION

1. 2010 LOBS – 7020

FUND 552 – 2014 LOBS

1. 2014 LOBS First Concord – 6990

GOVERNMENTAL FUNDS

FUND 350 – MARKET RATE UNITS FUND

1. Market Rate Units – 3500

CAPITAL RESERVE FUNDS

FUND 282 – UTILITY CAPITAL RESERVE

1. Utility Capital Reserve – 8120

FUND 285 – GENERAL CAPITAL RESERVE PROJECTS

1. Capital Reserve Expenditures – 8150

Capital Improvement Plan, Budget, & Financial Policy

I. PREPARATION OF THE CAPITAL IMPROVEMENT PLAN (CIP):

- A. The purpose of the capital improvement plan (CIP) is to forecast and match projected revenues and major capital needs over a five (5)-year period. Long-range capital planning is an important management tool, which strengthens the linkages between community infrastructure needs and the financial capacity of the City.
- B. All proposals for capital investment shall go through the capital planning process.
- C. Definition of appropriate capital items for inclusion on the CIP:
 - 1. Definition of a CIP capital expenditure – Expenditure of major value that recurs irregularly, results in the acquisition of a fixed asset, and has a useful life greater than one (1) year.
 - 2. As a rule of thumb, items to be included in the CIP include those which:
 - (a) Involve the acquisition, renovation, and/or construction of a single fixed asset greater than \$100,000 – excluding vehicle or equipment purchases
 - (b) involve any land purchases not associated with or included in another CIP project
 - (c) involve capital road maintenance or construction greater than \$100,000 – excluding recurring or routine maintenance projects
- D. Difference between departmental capital outlay items (in operating budget) and capital project outlay items (in CIP):
 - 1. Departmental capital items shall not be submitted as part of the CIP. Departmental capital items include:
 - (a) equipment/tools, furniture, office equipment such as computers and fax machines, minor remodeling, or other construction projects below \$100,000 (such items should be outlined in the “Capital Outlay” section of the operating budget request).
 - (b) all vehicles/rolling stock/machinery below \$100,000
 - 2. However, any upcoming, or 1st year costs associated with a CIP request shall be entered in the department’s operating budget request in order to ensure that 1st year CIP costs are noted and included in the Manager’s Recommended Budget.
- E. Inclusion of expenditures for maintenance and/or staffing in the CIP:
 - 1. All operating, maintenance, and personnel budget expenditures associated with the purchase of a CIP item shall be included and noted in the annual operating budget. However, for reporting and future expenditure forecasting purposes, the estimated additional expenditures on operating, maintenance, and personnel shall be included on all CIP requests.

II. ORGANIZATIONAL ISSUES:

- A. Departments are responsible for identifying, documenting, and justifying CIP requests. Departments are also responsible for obtaining project cost estimates and identifying appropriate revenue sources for the project (the Finance Dept. shall assist in identifying costs and appropriate revenue sources).
- B. The City Manager, in conjunction with the Finance Director and Budget staff, shall be responsible for coordinating the CIP process and submission of the CIP to the Mayor and City Council.
- C. A capital project selection committee shall be used to evaluate and recommend a ranking of proposed projects to the City Manager. This committee shall be comprised of:
 - City Manager, Assistant City Managers, Director of Planning & Neighborhood Development, Finance Director, Budget & Performance Manager, Budget Analysts, and Director of Engineering.

- D. Council review, recommendation, and adoption of CIP:
1. The City Manager's Recommended CIP shall be submitted to the Mayor and City Council for their review and recommendation during the beginning stages of the annual budget process. **NOTE:** Governing Body recommendation of the CIP does not authorize money for any of the projects in the plan, but the recommendation by the Governing Body shall provide the City Manager direction to proceed with formulating the annual CIP and inclusion of first year CIP items in the City Manager's Recommended City Budget.
 2. A Capital Projects Ordinance will be adopted by City Council with the City's Operating Budget establishing necessary project fund structures for CIP expenditures at the beginning of the fiscal year.

III. EVALUATION OF PROJECT MERIT:

- A. Proposed CIP items will be evaluated and ranked according to merit by requesting departments.
- B. Projects should generally be foreseen ahead of the time (preferably 2+ years) of need to allow time for planning long-term financing strategies or financing methods.

IV. FUNDING SOURCES:

- A. Debt will be considered for capital projects under the following circumstances:
 1. The capital item is a long-living (useful life greater than one (1) year) asset.
 2. The asset has a useful life expectancy that equals or exceeds the length of the debt financing period.
- B. The following types or combination of financing may be considered under the following circumstances:
 1. *Debt methods:*
 - (a) *General Obligation Bonds (G.O. Bonds)* – The capital item is used for a public facility or equipment that is a public good and that has no revenue-producing capability (e.g. streets and municipal buildings or structures). Generally, G.O. Bonds are only used for major General Fund projects.
 - (b) *2/3 General Obligation Bonds* – Without voter approval, G.O. Bonds may be issued annually on 2/3 of net G.O. debt reduction (principal retirement) in the prior year.
 - (c) *Revenue Bonds* – The capital item is used for a non-public good in which a revenue stream is associated with the capital item (e.g. airport, water, wastewater, and electric system capital items).
 - (d) *Special Obligation Bonds (S.O. Bonds)* – S.O. Bonds may be used for solid waste management projects, which can include equipment or facilities for construction of incinerators, land for recycling facilities, drainage collection and treatment systems for landfills, land and liners for landfills, monitoring wells, recycling equipment and facilities, and volume reduction equipment; can also be used for water/sewer projects
 - (e) *Special Assessments* – The capital item benefits only immediately adjacent property. Adjacent property owners pay the special assessments after the improvement is completed and its cost is known. Therefore, special assessments are not a method of capital financing but rather, a method of eventually paying for the improvements for which they are levied. Other sources of funds are needed to finance the improvements for which the assessments are later levied.

- (f) *Property Secured Debt* – The capital item can be secured as collateral itself. Includes lease or installment purchase transactions and certificates of participation (COPS) or limited obligation bonds (LOBS).
- 2. *Non-debt methods (Also referred to as Pay-as-you-go, or Pay-Go)*
 - (a) *Current revenues* – The capital item can be acquired through existing revenues.
 - (b) *Capital reserves* – The capital item can be funded from City Council designated taxes or revenue streams that are set aside in a separate fund.
 - (c) *Capital recovery, facility, or impact fees* – Capital items may be financed from charges to benefiting property owners for major infrastructure or facilities that benefit that property. Charges can be levied and collected before infrastructure is built.
 - (d) *Fund Balance* – The capital item can be funded with unassigned operating fund balances.
 - (e) *Grants* – Funding of the capital item was secured upon application of a governmental grant (examples might include CDBG or HOME grants, law enforcement grants, or EPA water quality grants.)
 - (f) *Gifts* – The capital item may be purchased or acquired with restricted or non-restricted donations by citizens or corporations.

C. *Debt Limits*

1. The City shall not exceed N.C.G.S. 159-55(c) limiting the amount of net bonded debt outstanding to 8% of appraised value of property subject to taxation, and
2. Annual G.O Bond debt service payments (principal and interest) shall not exceed 15% of the City's General Fund operating budget.

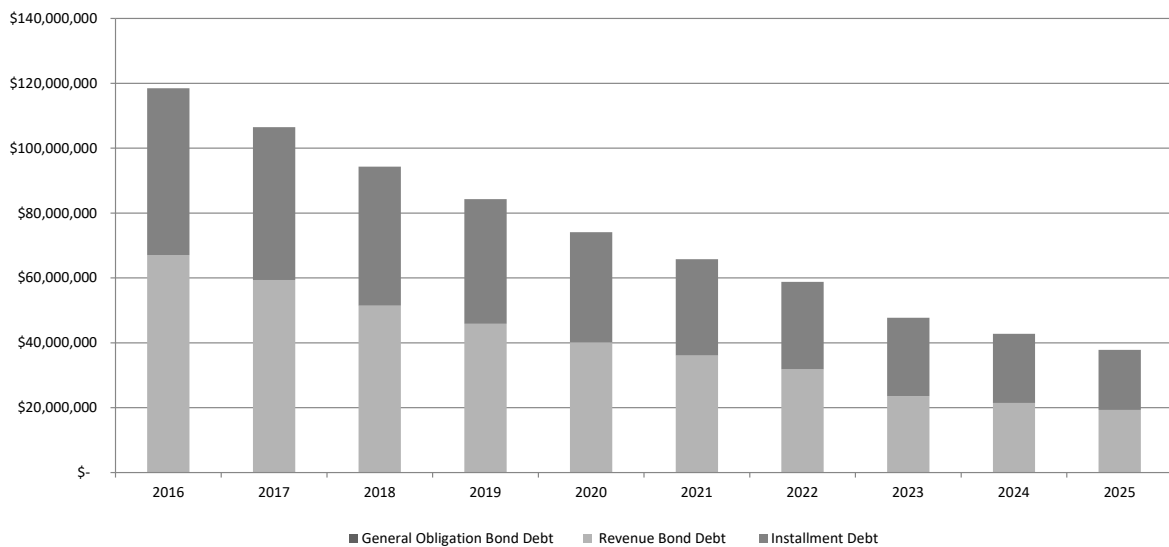
D. *Over or Underestimated Projects*

1. In the case of a capital project that is under or overestimated, projects will be evaluated on a case-by-case basis.

Outstanding Bonded Debt - Fiscal Year 2019-20

Issue Year	Series	Amount Issued	Principal as of 7/1/2019	Amount Retiring in FY 20	Interest Expense in FY 20	Outstanding 6/30/20
Revenue Bonds						
2016	Utilities Bonds Refunding, Series 2016	23,146,037	19,085,000	745,000	879,100	18,340,000
2012	Utilities Bonds Refunding, Series 2012	17,635,000	11,850,000	980,000	443,206	10,870,000
2009	Utilities Systems Refunding, Series 2009B	40,925,000	14,950,000	4,025,000	600,044	10,925,000
2009	Utilities Systems Refunding Series 2009	23,935,000	0	0	0	0
2008	Utilities System, Series 2008	27,365,000	0	0	0	0
Total Revenue Bond Debt		133,006,037	45,885,000	5,750,000	1,922,350	40,135,000
Limited Obligation Bonds & Certificates of Participation						
2014	LOB Series 2014	34,130,000	25,340,000	2,305,000	1,053,174	23,035,000
2010	LOB Series 2010	9,235,000	1,700,000	855,000	68,000	845,000
Sub-Total LOBS & COPS		\$ 43,365,000	\$ 27,040,000	\$ 3,160,000	\$ 1,121,174	\$ 23,880,000
Capital Lease Debt						
2015	Installment Note/Purchase (BNC, Airport)	5,759,000	4,682,000	377,000	113,304	4,305,000
2017	Installment Note/Purchase (Fire, Airport)	6,533,517	5,467,933	700,604	107,946	4,767,329
2005	Installment Note/Purchase (BOA)	4,500,000	1,218,750	225,000	55,893	993,750
Sub-Total Capital Lease Debt		\$ 16,792,517	\$ 11,368,683	\$ 1,302,604	\$ 277,143	\$ 10,066,079
Total Loans & Installment Notes/Purchases		\$ 60,157,517	\$ 38,408,683	\$ 4,462,604	\$ 1,398,317	\$ 33,946,079
ALL DEBT		\$ 193,163,554	\$ 84,293,683	\$ 10,212,604	\$ 3,320,667	\$ 74,081,079
Total Principal Plus Interest to be Serviced in FY 2019-20						\$ 13,533,271

**Total City Debt Principal
by Financing Method**

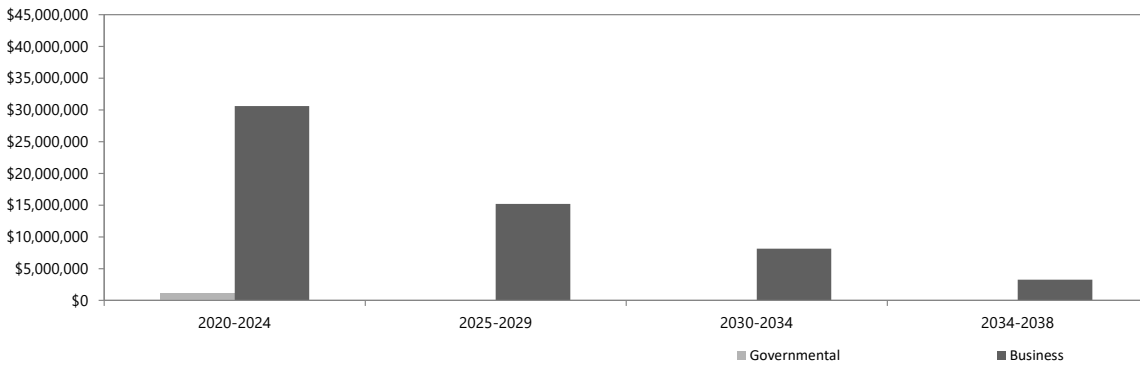


Schedule of Total Debt Requirements by Type

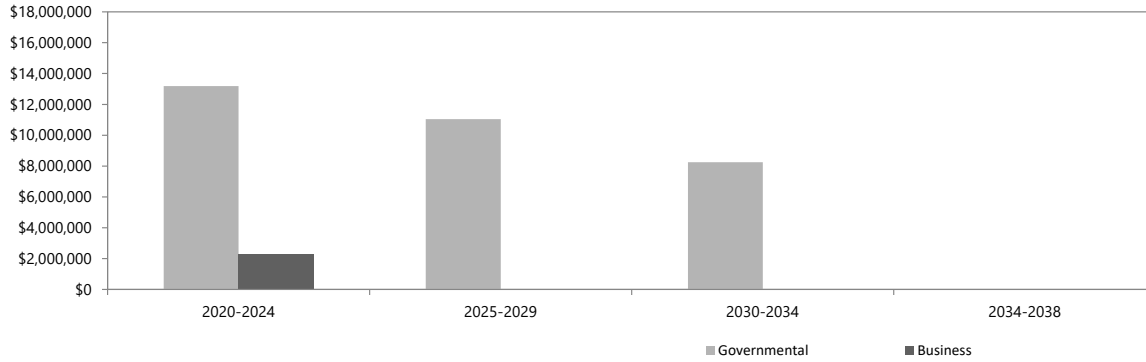
Please note, in the tables that follow, Governmental types are those payable by General Fund and Business types are those payable by Enterprise Funds.
The City retired all remaining General Obligation Bond debt in fiscal year 2011, so no General Obligation debt is listed in the charts below.

	Revenue Bonds				Limited Obligation Bonds & Certificates of Participation				Other Lease Purchase & Installment Contracts (Principal & Interest)		Totals
	Governmental		Business		Governmental		Business		Governmental	Business	
	Principal	Interest	Principal	Interest	Principal	Interest	Principal	Interest			
2020-2024	994,175	103,855	23,400,825	7,197,210	8,806,000	4,386,810	2,184,000	94,201	1,565,357	5,930,320	54,662,753
2025-2029	0	0	11,735,000	3,459,397	8,615,000	2,425,555	0	0	917,327	3,826,526	30,978,805
2030-2034	0	0	6,625,000	1,525,125	7,435,000	818,507	0	0	0	489,568	16,893,200
2034-2038	0	0	3,130,000	130,425	0	0	0	0	0	0	3,260,425
Total	994,175	103,855	44,890,825	12,312,157	24,856,000	7,630,872	2,184,000	94,201	2,482,684	10,246,414	105,795,183

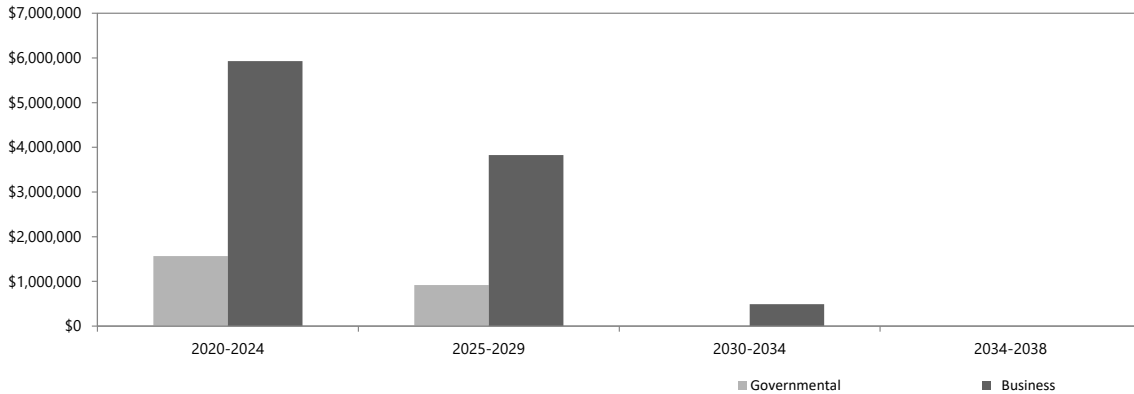
Revenue Bond Debt Principal



Limited Obligation Bonds & Certificates of Participation



Other Lease Purchase & Installment Contracts



CITY OF CONCORD, NORTH CAROLINA
CAPITAL PROJECT ORDINANCE
BE IT ORDAINED BY THE CITY OF CONCORD, NORTH CAROLINA

The following project expenditures and anticipated fund revenues are hereby appropriated for the construction of the City's various capital projects and funds for the fiscal year beginning July 1, 2019 and ending June 30, 2020.

SECTION 1: CAPITAL RESERVE PROJECTS

General Fund – Capital Reserve Fund

Transfer to Capital Projects	\$3,784,444	
Transfer to Golf Fund	35,200	
From Future Project Reserves		\$3,819,644
	<u>\$3,819,644</u>	<u>\$3,819,644</u>

Utility Fund – Capital Reserve Fund

Transfer to Capital Projects-Electric	\$3,416,725	
Future Water Projects	\$945,000	
Future Wastewater Projects	\$1,518,000	
From Future Project Electric Reserves		\$3,416,725
Transfers from Wastewater Fund		\$1,518,000
Transfers from Water Fund		\$945,000
	<u>\$5,879,725</u>	<u>\$5,879,725</u>

SECTION 2: GENERAL FUND CAPITAL PROJECTS

Recreation Projects Fund

HVAC in Gymnasiums	\$528,000	
Coddle Creek Greenway	\$566,800	
Connectivity Plan	\$350,000	
Parking Lot Improvements-Logan	\$47,000	
McEachern Greenway– Hospital	\$303,200	
From the General Reserve Fund		\$1,795,000
	<u>\$1,795,000</u>	<u>\$1,795,000</u>

General Projects Fund

Grounds Shed Expansion	\$545,000	
Parking & Access Road at BOC	\$458,000	
Fiber Network Extension	\$250,000	
Transfer from General Reserve		\$509,644
Transfer from General Fund		\$650,300
Transfer from Transit		\$2,548
Transfer from Stormwater Fund		\$5,200
Transfer from Electric Fund		\$26,826
Transfer from Water Fund		\$30,933
Transfer from Aviation Fund		\$14,472
Transfer from Wastewater Fund		\$13,077
	<u>\$1,253,000</u>	<u>\$1,253,000</u>

Fire Projects Fund

Fire Station #13	\$300,000	
Training Facility	\$1,050,000	
Transfer from General Capital Reserve Fund		\$1,350,000
	<u>\$1,350,000</u>	<u>\$1,350,000</u>

SECTION 3: OTHER FUND CAPITAL PROJECTS

Transportation Projects Fund

Pedestrian Improvements (Sidewalks)	\$500,000	
US601 & Flow Store Road Imp.	\$1,951,469	
Spring, Chestnut & Broad Intersection	\$695,000	
Virginia Street	\$450,000	
Future Transportation Projects	\$523,653	
Vehicle Licenses \$5 Fee		\$390,000
Transfer from General Fund		\$2,168,946
CMAQ		\$1,561,176
	<u>\$4,120,122</u>	<u>\$4,120,122</u>

Stormwater Projects Fund

Glen Eagle Lane Culvert	\$936,000	
Transfer from Stormwater Fund		\$936,000
	<u>\$936,000</u>	<u>\$936,000</u>

Electric Projects Fund

Copperfield Blvd Substation	\$500,000	
Delivery #4 100kV Hwy 29	\$5,109,912	
Delivery #6 Substation P East Concord	\$2,090,000	
Delivery #4 Substation Q	\$3,195,254	
100kV Tie Line Liles Blvd Sub. O	\$1,000,000	
Substation R Poplar Tent	\$500,000	
Substation S Hwy 601	\$510,000	
Transfer from Electric Fund		\$9,488,441
Transfer from Utility Reserve Fund		\$3,416,725
	<u>\$12,905,166</u>	<u>\$12,905,166</u>

Water Projects Fund

Hillgrove Bulk Storage Fluoride Tank	\$300,000	
US 29 Water Tank	\$300,000	
Hillgrove – Resurface Clearwells	\$130,000	
Hillgrove-Filter & Wastevalve	\$250,000	
TRS Midland & Mt Pleasant Tanks	\$100,000	
US Hwy 29/601 Bridge	\$20,000	
Union Cemetery Rd Realignment	\$30,000	
NC Hwy 49 Waterline Extension 24"	\$900,000	
Spring, Chestnut & Broad Line	\$280,000	
Coddle Creek Switchgear	\$1,485,000	
Coddle Creek Settling Basin	\$500,000	
GAC Contractors-Hillgrove	\$775,000	
Hillgrove Settling Basin Improvements	\$300,000	
Virginia Street Waterline	\$537,000	
Poplar Tent Waterline	\$413,000	
From Future Project Reserves		\$1,104,051
Capacity Fees		\$4,000,000
Transfer from Water Fund		\$1,215,949
	<u>\$6,320,000</u>	<u>\$6,320,000</u>

Wastewater Projects Fund

Irish Buffalo to Central Outfall	\$100,000	
Irish Buffalo to Aaron Outfall	\$155,000	
Lincoln Street to Broad Outfall	\$1,348,000	
Capacity Fees		\$1,603,000
	<u>\$1,603,000</u>	<u>\$1,603,000</u>

<u>Golf Projects Fund</u>		
Bunker Restoration Project	\$129,800	
Transfer from General Reserve Fund		\$129,800
	<u>\$129,800</u>	<u>\$129,800</u>

SECTION 4: SPECIAL AUTHORIZATION – CITY MANAGER

- a. The City Manager (or his/her designee if sum is under \$10,000) shall be authorized to reallocate departmental appropriations among the various objects of expenditures, as he believes necessary.
- b. The City Manager shall be authorized to effect interdepartmental transfers in the same fund, not to exceed 10 percent of the appropriated monies for the department whose allocation is reduced.
- c. Interfund transfers, which are already established in the capital improvement budget document, may be accomplished without recourse to the Council.
- d. Projects that are complete and inactive for at least one year may be closed without recourse to the Council.

SECTION 5: RESTRICTIONS – CITY MANAGER

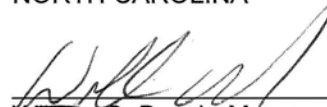
- a. The interfund transfer of monies, except as noted in Section 4, Paragraph C, shall be accomplished with Council authorization only.
- b. Any unused funds may be reappropriated to other funds with Council authorization only.

SECTION 6: UTILITIZATION OF CAPITAL IMPROVEMENTS BUDGET

This ordinance shall be the basis of the financial plan for capital improvement projects for the City of Concord during FY 2019-20. The above revenues/expenditures shall extend from year to year until each individual project is completed and closed.

This Ordinance is approved and adopted this 13th day of June, 2019.

CITY COUNCIL
CITY OF CONCORD
NORTH CAROLINA



Bill C. Dusch, Mayor

ATTEST: 

Kim Deason, City Clerk




Valerie Kolczynski, City Attorney

Detailed CIP Project Information

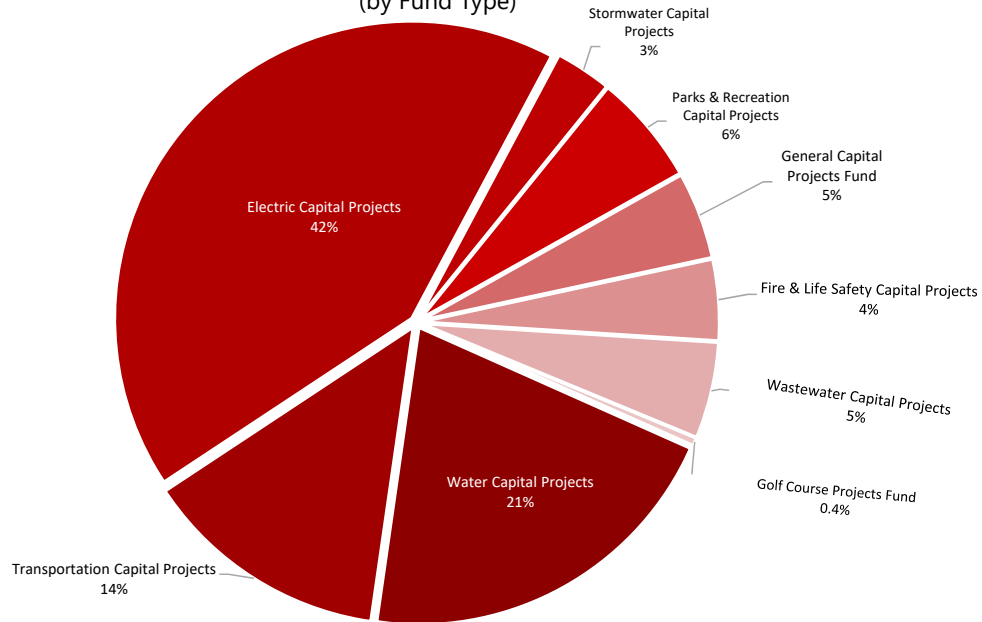
Summary of City CIP Expenditures

	2019-2020 Approved	2020-2021 Planning Yr.	2021-2022 Planning Yr.	2022-2023 Planning Yr.	2023-2024 Planning Yr.	Future Planning Yr.
By Fund						
Parks & Recreation Capital Projects	1,849,500	13,311,695	14,879,300	13,075,000	14,105,400	79,931,440
Wastewater Capital Projects	1,603,000	1,424,000	3,886,000	9,790,000	5,342,000	-
Transportation Capital Projects	4,120,122	2,408,403	1,450,000	6,382,000	500,000	-
Fire Capital Projects	1,350,000	6,450,000	12,148,400	400,000	5,710,000	-
Water Capital Projects	6,320,000	18,740,000	7,114,000	14,123,000	13,667,000	5,544,000
General Capital Projects Fund	1,453,000	4,415,000	250,000	825,000	1,030,000	11,920,000
Airport Projects Fund	-	6,500,000	17,248,676	8,942,889	11,884,700	35,304,000
Electric Capital Projects	12,905,166	16,275,000	8,168,000	2,125,000	6,060,000	3,010,000
Stormwater Capital Projects	936,000	1,767,000	2,410,200	2,274,500	1,987,300	2,689,000
Golf Course Projects Fund	129,800	155,000	100,000	-	-	-
Total Expenditures	30,666,588	71,446,098	67,654,576	57,937,389	60,286,400	138,398,440

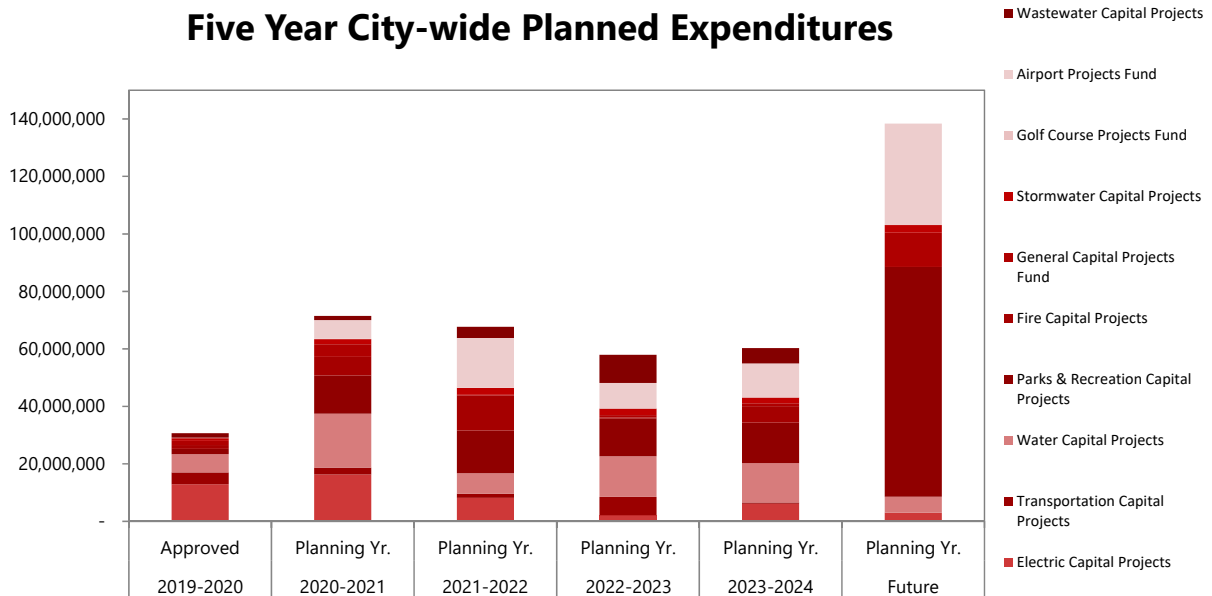
*Parks and Recreation and General Capital funds include funds from the operating budget thus do not reflect the ordinance dollar for dollar

FY 2019-20 CIP Expenditures by Project Fund

(by Fund Type)



Five Year City-wide Planned Expenditures



Operating Impacts Related to First-Year Projects

All expenses for capital improvement projects are budgeted in capital project budget units and all revenues for capital improvement projects are budgeted in capital project funds. Though the direct expenses related to the project are budgeted in these capital project funds, the projects can have indirect impacts on the operating budgets. Not all projects have operating budget impacts; however, many can result in impacts on revenues and expenses for years to come.

Below are highlights of these impacts; however, not all projects with operating impacts have been listed. Capital equipment and vehicle purchases are directly budgeted in individual operating budgets and no longer included in the CIP.

Transfers from Operating Budgets

The majority of the funding for FY 19-20 capital improvement projects comes from transfers from operating budgets. Revenues are generated through sources such as sales & property tax collections, user fees, and/or utility rates. The following amounts will be transferred from Operating funds to Capital Project funds:

General Fund:	\$ 650,300
Stormwater Fund:	\$ 941,200
Electric Fund:	\$ 9,515,267
Water Fund:	\$ 1,246,882
Wastewater Fund:	\$ 13,077
Aviation Fund:	\$ 14,472
Transit Fund:	\$ 2,548

Additional Operating Impacts for First Year CIPs

Fire:

Fire Stations #13: Design work will begin for station #13. Upon completion of construction in 2024, the City is anticipating the addition of personnel costs to staff the station, as well as utility and maintenance costs, to be determined after designs are completed. Full-time fire fighters are estimated to cost \$51,000 with cost increasing as employee rank increases. Staffing one fire engine requires a minimum of 1 Officer/acting officer, 1 driver/operator, and 1 firefighter.

Parks & Recreation:

HVAC in Gymnasiums: Once installed, the HVAC units are expected to increase utility and maintenance costs of the department. Utility costs for the first year of using the new HVAC units are estimated at \$14,500.

Building & Grounds:

Develop Coddle Creek Greenway – Phase 1 & 2: In the first year of this project, \$40,000 was allocated for a maintenance truck and equipment for the greenway. By FY 21, construction of over 2 miles of greenways for phase 1 will be complete followed by another 3 miles in phase 2 by FY 23. The City anticipates these expansions will carry with them increased personnel, maintenance, and utility costs. Currently, adding one additional staff person is estimated to cost \$47,000 the first year.

Develop McEachern Greenway, including Hospital Phase and Parking Lot: Greenway construction is not expected to be complete until FY 24. However, parking lots, restroom facilities, and some of the greenway will be completed in FY 21. This is expected to carry along the need for additional Buildings and Grounds Staff and associated vehicles/equipment that will maintain these facilities, which are estimated at \$155,320. Not included in this figure are utility costs that will be associated with maintaining public restroom facilities.

Water:

US Highway 29 Water Tank: Incorporating a new water tank into the City's water infrastructure is expected to increase departmental maintenance costs in the future. Those costs will be determined after construction is complete. The higher pressure coming from the tank and the extra water storage afforded by the new tank are also anticipated to reduce revenue loss during peak hours of service.

Hillgrove WTP Bulk Storage Tank: An increase in the Water Department's ability to purchase and store larger quantities of fluoride safely may reduce the overall cost of fluoride purchased by the City. However, new infrastructure may have an effect on maintenance costs.

Economic Development:

Union Street Streetscape: Before construction can begin, planning and design for the updates to the streetscape must be finished. This portion of the project is estimated to cost \$200,000 and will be done by the City's Planning & Economic Development staff.

Electric:

Various projects: The Electric Department has multiple capital projects that will increase their infrastructure. These infrastructure improvements, such as a new 44kV delivery or a new electric substation, may increase maintenance costs for the department. These improvements will also increase efficiency in service provision, which can result an increase in revenues.

**Capital Improvement Plan Listing (CIP)
for FY 2020-2024**

Fund/ Budget Unit	CIP Title	Funding Source(s)	Total Appropriations to Date	FY 2020 Budget	Impact on FY 2020 Operating Budget	FY 2021 Budget	Impact on FY 2021 Operating Budget	FY 2022 Budget	Impact on FY 2022 Operating Budget	FY 2023 Budget	Impact on FY 2023 Operating Budget	FY 2024 Budget	Impact on FY 2024 Operating Budget	Future (remainder of project)	Total Budget Impact
Parks & Recreation Capital Projects Fund - 420															
P&R - Capital Projects 8300	HVAC in Gymnasiums	Capital Reserve		528,000	14,500										542,500
	Northwest/West Park & Recreation Center Development	Capital Reserve	1,705,031			3,950,000		1,095,000		3,625,000			251,000	9,779,308	18,700,308
	Connectivity Plan	Capital Reserve		350,000		500,000		500,000		500,000		500,000			2,350,000
	Dorton Park Improvements	Capital Reserve				400,000		4,000,000							4,400,000
	Development of McEachern Greenway, including Hospital Phase and Parking Lot	Capital Reserve	110,000	303,200		1,088,200	155,320	60,000		2,800,000		500,000			4,906,720
	Develop Coddle Creek Greenway-Phase 1 & Phase 2	Capital Reserve	113,000	566,800	40,000	2,598,000		171,600				1,716,000			5,092,400
	Develop Hector Henry Greenway-Cannon Crossing Phase	Transfer from General Fund	60,000			518,000		3,150,000							3,668,000
	Develop property at David Phillips Activity Center	Transfer from General Fund	778,310			360,000		300,000							660,000
	Parking Improvements at Logan Multi-Purpose Center	Capital Reserve		47,000		220,000									267,000
	Cox Mill Greenway Loop	Capital Reserve						210,000		945,000				6,300,000	7,455,000
	Hector Henry Greenway- Mills at Rocky River	Capital Reserve	256,625			55,700						189,000		1,260,000	1,504,700
	Irish Buffalo Creek Greenway	Capital Reserve				229,200		835,200		2,800,000				2,768,000	6,632,400
	Develop Riverwalk Park & Nature Preserve / Center	Capital Reserve				330,000						2,750,000		154,266	3,234,266
	Caldwell Park Improvements	Transfer from General Fund				650,075				540,000		1,200,000		1,500,000	3,890,075
	WW Flowe Park Phase One Improvements & Phase Two Expansion	Transfer from General Fund						750,000				1,500,000		6,000,000	8,250,000
	Gibson Mill Loop Trail	Capital Reserve, Grant						1,744,000		450,000		490,000			2,684,000
Park Lighting Project	Transfer from General Fund	425,500					250,000		250,000					500,000	
Hector H. Henry II Greenway 8311	Develop Hector Henry Greenway-Airport Phase	Capital Reserve	80,500							225,000				4,220,000	4,445,000
P&R - Capital Projects 8300	Development of Gibson Village Park	Capital Reserve				277,200		1,000,000		400,000		900,000		8,500,000	11,077,200
	Development of a North/Central Neighborhood Park	Capital Reserve				1,320,000								1,870,000	3,190,000
	Development of Recreation and Aquatic Center, Central Area	Capital Reserve				660,000					2,160,000			18,450,600	21,270,600
	Frank Liske Park Development	Capital Reserve						173,500				600,000		6,000,000	6,773,500
	Development of a Recreation Center Southeast/South	Capital Reserve						330,000				720,000		6,154,266	7,204,266
	Develop Hector Henry Greenway-Golf Course/Speedway Phase Development	Transfer from General Fund						60,000		540,000				3,600,000	4,200,000
	Les Myers Park Improvements	Capital Reserve						250,000						2,000,000	2,250,000
	Hartsell Park Improvements	Capital Reserve										389,400		1,000,000	1,389,400
	Develop Lake Fisher	Capital Reserve										220,000		175,000	395,000
Beverly Hills Park Improvements	Capital Reserve										20,000		200,000	220,000	
Parks & Recreation CIP Total - Expense			3,528,966	1,795,000	54,500	13,156,375	112,500	14,879,300		13,075,000		13,854,400	191,672	80,033,588	137,152,335
Parks & Recreation Capital Projects Fund - Revenue Sources & Totals															
Operating Revenue					54,500		112,500						191,672	1,015,588	1,476,408
Transfer From General Fund						1,528,075		4,510,000	1,330,000		2,700,000			11,100,000	21,168,075
Grant Proceeds								350,000							350,000
Transfer From General Capital Reserves				1,795,000		11,628,300		10,019,300		11,745,000		11,154,400		67,918,000	114,260,000
Parks & Recreation CIP Total - Revenue				1,795,000	54,500	13,156,375	112,500	14,879,300		13,075,000		13,854,400	191,672	80,033,588	137,152,335
Wastewater Capital Projects Fund - 421															
Wastewater Projects 8402	Lincoln Street Sewer Outfall Replacement To Broad Drive	Capacity Fees	365,000	1,348,000											1,348,000
	Irish Buffalo Creek Sewer Outfall Replacement To Central Drive	Capacity Fees		100,000		340,000									440,000
	Irish Buffalo Creek Sewer Outfall Replacement To Aaron Place	Capacity Fees		155,000		654,000									809,000
	Irish Buffalo Creek Sewer Outfall Replacement To Bost Avenue	Transfer From Sewer				205,000		753,000							958,000
	Three Mile Branch Sewer Outfall Replacement To Shamrock Street	Transfer From Sewer				225,000		923,000							1,148,000
	Cold Water Creek Tributary Outfall To NC Highway 49	Transfer From Sewer						1,535,000		6,930,000					8,465,000
	Coddle Creek Tributary Outfall To Sunberry Lane	Transfer From Sewer						675,000		2,860,000					3,535,000

**Capital Improvement Plan Listing (CIP)
for FY 2020-2024**

Fund/ Budget Unit	CIP Title	Funding Source(s)	Total Appropriations to Date	FY 2020 Budget	Impact on FY 2020 Operating Budget	FY 2021 Budget	Impact on FY 2021 Operating Budget	FY 2022 Budget	Impact on FY 2022 Operating Budget	FY 2023 Budget	Impact on FY 2023 Operating Budget	FY 2024 Budget	Impact on FY 2024 Operating Budget	Future (remainder of project)	Total Budget Impact
	Coddle Creek Tributary Outfall Extension From US Highway 29 To Rock Hill Church Road	Transfer From Sewer										1,667,000			1,667,000
	Coddle Creek Tributary Outfall Extension To Westridge Lane	Transfer From Sewer										3,675,000			3,675,000
Wastewater CIP Total - Expense			365,000	1,603,000		1,424,000		3,886,000		9,790,000		5,342,000			22,045,000
Wastewater Capital Projects Fund - Revenue Sources & Totals															
Capacity Fees				1,603,000		994,000									2,597,000
Transfer From Sewer						430,000		3,886,000		9,790,000		5,342,000			19,448,000
Wastewater CIP Total - Revenue				1,603,000		1,424,000		3,886,000		9,790,000		5,342,000			22,045,000
Transportation Capital Projects Fund - 423															
Street Projects 8600	Transportation Services Building	Transfer from General Fund						950,000		1,507,000					2,457,000
	Virginia St.	2¢ Allocation from General Fund	1,050,000	450,000											450,000
	Infrastructure Projects - Pedestrian Improvement Sidewalks	\$5 Vehicle Fees, 2¢ Allocation from General Fund		500,000		500,000		500,000		500,000		500,000			2,500,000
	Spring, Chestnut, Broad Intersection Improvements	2¢ Allocation from General Fund	5,000	695,000											695,000
	US 601 at Flowes Store Rd Improvements	2¢ Allocation from General Fund, CMAQ	410,000	1,951,469		1,708,404									3,659,872
	I-85 Branding Project	Transfer from General Fund	250,000			200,000									200,000
	Concord Farms Realignment	Golden Leaf Grant, Transfer from General Fund								3,600,000					3,600,000
	Dorland Ave Realignment Phase II	Transfer from General Fund	200,000							775,000					775,000
Transportation CIP Total - Expense			1,915,000	3,596,469		2,408,404		1,450,000		6,382,000		500,000			14,336,873
Transportation Capital Projects Fund - Revenue Sources & Totals															
Transfer From Gen Fund				1,645,293		651,682		1,060,000		4,992,000		110,000			8,458,975
Vehicle License-Addl \$5				390,000		390,000		390,000		390,000		390,000			1,950,000
CMAQ Grant				1,561,176		1,366,722									2,927,898
Grant Proceeds										1,000,000					1,000,000
Transportation CIP Total - Revenue				3,596,469		2,408,404		1,450,000		6,382,000		500,000			14,336,873
Fire & Life Safety Projects Fund - 426															
Fire Station Projects 8670	Training Facility	Capital Reserve		1,050,000		500,000		12,148,400							13,698,400
	Fire Station 12	Capital Reserves	590,000			5,950,000									5,950,000
	Fire Station 13	Capital Reserve		300,000						400,000		5,710,000			6,410,000
Fire & Life Safety Projects Fund CIP Total - Expense			590,000	1,350,000		6,450,000		12,148,400		400,000		5,710,000			26,058,400
Fire & Life Safety Projects Fund - Revenue Sources & Totals															
Transfer From General Capital Reserves				1,350,000		6,450,000		12,148,400		400,000		5,710,000			26,058,400
Fire & Life Safety Projects Fund CIP Total - Revenue				1,350,000		6,450,000		12,148,400		400,000		5,710,000			26,058,400
Water Capital Projects Fund - 429															
	Coddle Creek WTP Settling Basin Upgrades	Capacity Fees	1,725,000	500,000											500,000
	US Highway 29 Water Tank	Capacity Fees	5,550,000	300,000											300,000
	Poplar Tent Road 24" Water Line Extension	Capacity Fees	3,475,000	413,000											413,000
	Roberta Road 8" Water Line Replacement	Transfer From Water	35,000			788,000									788,000
	TRS for Midland Tank and Mt. Pleasant Tank	Transfer From Water	100,000	100,000											100,000
	Coddle Creek WTP Switchgear Replacement	Capacity Fees		1,485,000											1,485,000
	Raw Waterline at Coddle Creek	Transfer from Water	1,190,000			3,300,000									3,300,000
	GAC Contactors at Hillgrove WTP	Capacity Fees		775,000		5,000,000									5,775,000
	Hillgrove WTP Settling Basin Improvements	Future Project Reserve, Transfer from Water		300,000		2,300,000									2,600,000
	Resurface Clearwell #2 at Hillgrove WTP	Transfer From Water		130,000											130,000
	Virginia Street 6" Water Line Replacement	Capacity Fee, Transfer From Water		537,000											537,000
	Hillgrove WTP Bulk Storage Fluoride Tank	Transfer From Water		300,000											300,000
	Hillgrove WTP Filter to Waste Valve Rehab/Replacement	Transfer From Water		250,000											250,000
	Spring Street/Chesnut Drive/Broad Drive Intersection Improvement Water Line Replacement	Transfer From Water		280,000											280,000
	NC Highway 49 24" Water Line Extension	Future Project Reserves		900,000		6,288,000									7,188,000
	Union Cemetery Road Realignment	Transfer From Water		30,000		300,000									330,000
	US Highway 29/601 Bridge Over Irish Buffalo Creek	Transfer From Water		20,000		200,000									220,000

**Capital Improvement Plan Listing (CIP)
for FY 2020-2024**

Fund/ Budget Unit	CIP Title	Funding Source(s)	Total Appropriations to Date	FY 2020 Budget	Impact on FY 2020 Operating Budget	FY 2021 Budget	Impact on FY 2021 Operating Budget	FY 2022 Budget	Impact on FY 2022 Operating Budget	FY 2023 Budget	Impact on FY 2023 Operating Budget	FY 2024 Budget	Impact on FY 2024 Operating Budget	Future (remainder of project)	Total Budget Impact
Water Projects 8700	General Services Drive 12" Parallel Water Line	Transfer From Water				64,000		436,000							500,000
	Zion Church Road 12" Parallel Water Line	Transfer From Water				100,000		518,000							618,000
	NC Highway 73 Widening - Poplar Tent Road to US Highway 29	Transfer from Water				400,000		1,000,000		1,000,000		1,000,000		1,000,000	4,400,000
	Coddle Creek WTP Dewatering Process Improvements	Transfer From Water						4,800,000							4,800,000
	NC Highway 73 Water Main Connection to Charlotte Water	Transfer from Water						160,000		980,000				544,000	1,684,000
	Poplar Tent Road Widening - East of I-85 to George Liles Boulevard	Transfer From Water						200,000		1,000,000		1,000,000			2,200,000
	George Liles Boulevard 24" Water Line Phase 4 - Roberta Road to NC Highway 49	Transfer From Water								2,875,000					2,875,000
	4 MGD Water Booster Pump Station	Transfer From Water								1,150,000					1,150,000
	US Highway 601 24" Water Line Extension - Zion Church Road to Miami Church Road	Transfer From Water								1,402,000					1,402,000
	US Highway 601 Control Vault	Transfer From Water								156,000					156,000
	US Highway 601 16" Water Line Extension - Flows Store Road to Parks Lafferty Road	Transfer From Water								4,414,000					4,414,000
	Cross Country 16" Water Line Extension - NC Highway 49 to Rocky River Road	Transfer From Water								1,146,000					1,146,000
	Miami Church Road 12"/24" Parallel Water Line Extension - US Highway 601 to Cold Springs Road	Transfer From Water										1,731,000			1,731,000
	Cold Springs Road 12" Water Line Extension - Miami Church Road to NC Highway 49	Transfer From Water										2,759,000			2,759,000
	Parks Lafferty Road/Flows Store Road 12" Water Line Extension - US Highway 601 to NC Highway 24/27	Transfer From Water										6,777,000			6,777,000
	Poplar Tent Road Widening - Derita Road to NC Highway 73	Transfer From Water										300,000		3,000,000	3,300,000
NC Highway 3 Widening - Dale Earnhardt Boulevard to US Highway 601	Transfer From Water										100,000		1,000,000	1,100,000	
Water CIP Total - Expense			12,075,000	6,320,000		18,740,000		7,114,000		14,123,000	13,667,000		5,544,000	65,508,000	
Water Capital Projects Fund - Revenue Sources & Totals															
				Capacity Fees		4,000,000		5,000,000							9,000,000
				Transfer From Water		1,215,949		7,452,000		7,114,000	14,123,000	13,667,000		5,544,000	49,115,949
				Future Project Reserves		1,104,051		6,288,000							7,392,051
Water CIP Total - Revenue						6,320,000		18,740,000		14,123,000	13,667,000		5,544,000	65,508,000	
General Capital Projects Fund - 430															
General Projects 8804	Rutherford & West Concord Cemetery Expansions	Transfer from General Fund	401,351			500,000									500,000
	Union Street Streetscape	Transfer from Capital Reserve	2,000,000		200,000	2,000,000									2,200,000
	Fiber Network Extension	Transfer from Aviation, Transfer from Electric, Transfer from Gen Fund, Transfer from Stormwater, Transfer from Wastewater, Transfer from Water	632,015	250,000		250,000		250,000		250,000		250,000			1,250,000
BOC Admin Projects 8800	Grounds Shed Expansion	Capital Reserve, Transfer from Aviation, Transfer from Electric, Transfer from Sewer, Transfer from Transit, Transfer from Water		545,000											545,000
	Operations Center Improvements - Parking & Access Road	Transfer from General Fund	42,000	458,000						575,000					1,033,000
	Operations Center Improvements - New Equipment Shelter	Transfer from General Fund				1,665,000									1,665,000
	Fleet Services Facility	Debt Financing									780,000			11,920,000	12,700,000
General CIP Total - Expense			3,075,366	1,253,000	200,000	4,415,000		250,000		825,000	1,030,000		11,920,000	19,893,000	

**Capital Improvement Plan Listing (CIP)
for FY2020-2024**

Fund/ Budget Unit	CIP Title	Funding Source(s)	Total Appropriations to Date	FY 2020 Budget	Impact on FY 2020 Operating Budget	FY 2021 Budget	Impact on FY 2021 Operating Budget	FY 2022 Budget	Impact on FY 2022 Operating Budget	FY 2023 Budget	Impact on FY 2023 Operating Budget	FY 2024 Budget	Impact on FY 2024 Operating Budget	Future (remainder of project)	Total Budget Impact
General Capital Projects Fund - Revenue Sources & Totals															
Transfer From General Capital Reserves				509,644		2,000,000									2,509,644
Transfer From Aviation				14,472		10,650		10,650		10,650		10,650			57,072
Transfer From Electric				26,826		19,500		19,500		19,500		19,500			104,826
Transfer From Sewer				13,077		7,025		7,025		7,025		7,025			41,177
Transfer From Transit				2,548											2,548
Transfer From Water				30,933		15,325		15,325		15,325		15,325			92,233
Operating Revenue					200,000										200,000
Transfer From Gen Fund				650,300		2,357,300		192,300		767,300		192,300			4,159,500
Transfer From Stormwater				5,200		5,200		5,200		5,200		5,200			26,000
Financing Proceeds												780,000		11,920,000	12,700,000
General CIP Total - Revenue				1,253,000	200,000	4,415,000		250,000		825,000		1,030,000		11,920,000	19,893,000
Airport Capital Projects Fund - 451															
Airport Projects 6300	SDA Commercial Passenger Terminal Building Phase 2	Federal Grant, State Grant, Transfer from Aviation										7,300,000		8,000,000	15,300,000
	Runway 20 EMAS	Federal Grant, State Grant, Transfer from Aviation						938,676				3,754,700			4,693,376
	South Development Apron Expansion Phase 2	Federal Grant, State Grant, Transfer from Aviation								4,740,589		250,000		5,914,000	10,904,589
	Airport Fire Station and Security Center	Federal Grant, State Grant, Transfer from Aviation						100,000		1,643,000					1,743,000
	Airport Hangar Taxilane Rehabilitation & Taxilane Strengthening	Federal Grant, State Grant, Transfer from Aviation				100,000		5,060,000							5,160,000
	East Side Airport Land Acquisition Area	Federal Grant, State Grant, Transfer from Aviation												5,090,000	5,090,000
	North Apron Expansion Phase 3	Federal Grant, State Grant, Transfer from Aviation				250,000		1,750,000							2,000,000
	New Relocated Airport Control Tower	Federal Grant, State Grant, Transfer from Aviation												3,500,000	3,500,000
	FBO Terminal Building Rehabilitation	Capital Reserve, Public-Private Partnership											580,000	12,800,000	13,380,000
	Corporate Hangar Development	Grant, Grant Match							3,500,000						3,500,000
	Myint Lane Airport Access Road	Transfer from Aviation							700,000						700,000
	Myint Lane Airport Apron Development	Federal Grant, State Grant, Transfer from Aviation				150,000		1,200,000							1,350,000
	Airport Helipads	Federal Grant, State Grant, Transfer from Aviation									410,000				410,000
	North Internal Service Road	Federal Grant, State Grant, Transfer from Aviation									2,149,300				2,149,300
Runway Widening	Federal Grant, Local Grant Match				6,000,000		4,000,000							10,000,000	
Airport CIP Total - Expense						6,500,000		17,248,676		8,942,889		11,884,700		35,304,000	79,880,265
Airport Capital Projects Fund - Revenue Sources & Totals															
Grant Proceeds						483,750		8,598,242		8,363,773		10,745,715		21,305,900	49,497,380
Transfer From Aviation						616,250		1,900,434		579,116		558,985		1,198,100	4,852,885
Other Income														6,400,000	6,400,000
Transfer From Capital Projects												580,000		6,400,000	6,980,000
Federal Aid						5,400,000		6,750,000							12,150,000
Airport CIP Total - Revenue						6,500,000		17,248,676		8,942,889		11,884,700		35,304,000	79,880,265
Electric Capital Projects Fund - 473															
Electric Projects 6949	New 44kV Delivery #6 East of Concord - Sub P	Transfer from Electric		2,090,000											2,090,000
	New Delivery #4 & 100 kV Exits Down Hwy 29 - Interconnect - Phase 1	Bond Proceeds, Transfer From Electric, Transfer from Utility Reserve Fund	1,370,000	5,109,912		5,000,000									10,109,912
	Construction of 100 kV Sub at Delivery #4 - Sub Q - Phase 2	Transfer From Electric	1,000,000	3,195,254											3,195,254
	Construction of New Electric Substation N in Copperfield Blvd Location	Bond Proceeds, Transfer from Electric	350,000	500,000		3,160,000									3,660,000
	100 kV Transformer	Bond Proceeds				850,000									850,000
	100 kV Interconnect Between Del. #4 and Sub E	Bond Proceeds				1,000,000		3,658,000							4,658,000
	100 kV Tie Line-Liles Blvd to Sub O	Bond Proceeds, Transfer From Electric		1,000,000		3,465,000									4,465,000
	Construction of New Electric Substation R on Poplar Tent Rd	Bond Proceeds, Transfer from Electric		500,000		500,000						3,010,000			4,010,000
	Construction of New Electric Substation S on US Hwy 601 S	Bond Proceeds, Transfer From Electric		510,000				3,510,000							4,020,000
	Delivery #1 Replacement	Bond Proceeds, Transfer From Electric	400,000			300,000				2,125,000					2,425,000

**Capital Improvement Plan Listing (CIP)
for FY2020-2024**

Fund/ Budget Unit	CIP Title	Funding Source(s)	Total Appropriations to Date	FY 2020 Budget	Impact on FY 2020 Operating Budget	FY 2021 Budget	Impact on FY 2021 Operating Budget	FY 2022 Budget	Impact on FY 2022 Operating Budget	FY 2023 Budget	Impact on FY 2023 Operating Budget	FY 2024 Budget	Impact on FY 2024 Operating Budget	Future (remainder of project)	Total Budget Impact
	44 kV Transformer Replacement for Sub F	Transfer from Electric				1,000,000									1,000,000
	Construction of New Electric Substation T near Concord Parkway South of Concord	Bond Proceeds, Transfer from Electric				1,000,000								3,010,000	4,010,000
	New 44kV Transformer Replacement for Sub B	Transfer from Electric						1,000,000							1,000,000
	Replace Existing 750 MCM Along Bruton Smith Blvd. (Between Hwy 29 & I-85)	Bond Proceeds										3,050,000			3,050,000
Electric CIP Total - Expense			3,120,000	12,905,166		16,275,000		8,168,000		2,125,000		6,060,000		3,010,000	48,543,166
Electric Capital Projects Fund - Revenue Sources & Totals															
Transfer From Electric				9,488,441		2,000,000		1,210,000		2,125,000					14,823,441
Bond Proceeds						14,275,000		6,958,000				6,060,000		3,010,000	30,303,000
Transfer from Utility Capital Reserve				3,416,725											3,416,725
Electric CIP Total - Revenue				12,905,166		16,275,000		8,168,000		2,125,000		6,060,000		3,010,000	48,543,166
Stormwater Capital Projects Fund - 474															
Stormwater Projects 7103	Glen Eagles Lane Culvert Replacement	Transfer From Stormwater	36,700	936,000											936,000
	Kerr Street Culvert Replacement	Transfer From Stormwater				1,138,000									1,138,000
	Brookwood Avenue Roadway Improvements	Transfer From Stormwater				404,000									404,000
	Dylan Place Culvert Replacement Upper & Lower	Transfer From Stormwater				131,000		1,292,000							1,423,000
	Duval Street Culvert Replacement	Transfer From Stormwater				94,000		925,000							1,019,000
	Farmwood Boulevard Culvert Replacement	Transfer From Stormwater						91,000		896,000					987,000
	Bridlewood Drive Culvert Replacement	Transfer From Stormwater						102,200		1,225,500					1,327,700
	Miramar Culvert Replacements	Transfer From Stormwater								112,400		1,348,000			1,460,400
	Morris Glen Drive Culvert Replacement	Transfer From Stormwater								40,600		487,000			527,600
	Yvonne Drive Culvert Replacements	Transfer From Stormwater										111,200		1,334,000	1,445,200
	Spring Street Culvert Replacement	Transfer From Stormwater										41,100		493,000	534,100
	Glenwood Drive Culvert Replacement	Transfer from Stormwater												862,000	862,000
Stormwater CIP Total - Expense			36,700	936,000		1,767,000		2,410,200		2,274,500		1,987,300		2,689,000	12,064,000
Stormwater Capital Projects Fund - Revenue Sources & Totals															
Transfer From Stormwater				936,000		1,767,000		2,410,200		2,274,500		1,987,300		2,689,000	12,064,000
Stormwater CIP Total - Revenue				936,000		1,767,000		2,410,200		2,274,500		1,987,300		2,689,000	12,064,000
Rocky River Golf Course Projects Fund - 475															
Golf Projects 7550	Fairway Bunker Restoration	Capital Reserve	305,185	129,800											129,800
	Restroom Facility Construction	Capital Reserve				155,000									155,000
	Range Netting	Capital Reserve						100,000							100,000
Rocky River Golf Course CIP Total - Expense			305,185	129,800		155,000		100,000							384,800
Rocky River Golf Course Projects Fund - Revenue Sources & Totals															
Transfer From General Capital Reserves				129,800		155,000		100,000							384,800
Rocky River Golf Course CIP Total - Revenue				129,800		155,000		100,000							384,800
CITY OF CONCORD CIP PROJECT TOTAL			61,436,040	29,888,435	254,500	71,290,778	112,500	67,654,576		57,937,389		60,035,400	191,672	137,485,000	425,763,690

*FY 2019-2020 total will not match the total amount allocated in the ordinance because it does not account for future transportation projects noted in the ordinance.

Capital Improvement Projects

Fund 420: Parks & Recreation Capital Expenditures

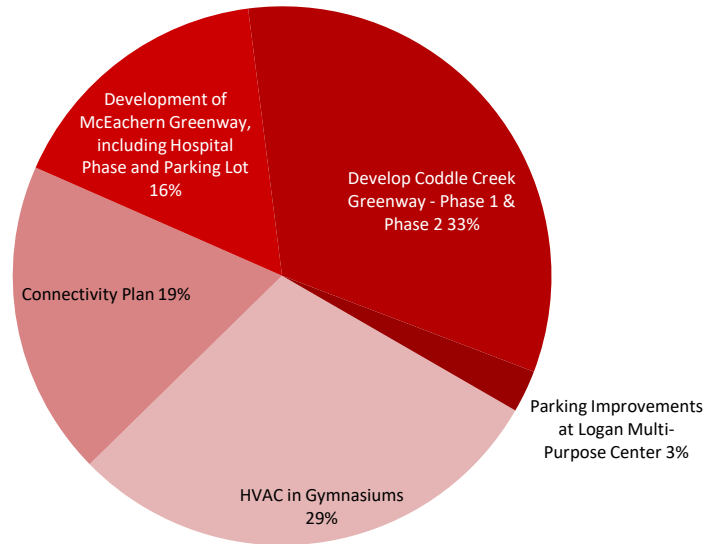
Parks & Recreation Capital Projects are accounted for using this fund. It is comprised of the Parks & Recreation Capital Projects, Hector H. Henry II Greenway, McEachern Greenway, and Parks budget units.

	2019-2020 Approved	2020-2021 Planning Yr.	2021-2022 Planning Yr.	2022-2023 Planning Yr.	2023-2024 Planning Yr.	Future Planning Yr.
Expenses By Project						
HVAC in Gymnasiums	\$ 542,500	\$ -	\$ -	\$ -	\$ -	\$ -
Northwest/West Park & Recreation Center Development	\$ -	\$ 3,950,000	\$ 1,095,000	\$ 3,625,000	\$ 251,000	\$ 9,779,308
Connectivity Plan	\$ 350,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ -
Dorton Park Improvements	\$ -	\$ 400,000	\$ 4,000,000	\$ -	\$ -	\$ -
Development of McEachern Greenway, including Hospital Phase and Parking Lot	\$ 303,200	\$ 1,243,520	\$ 60,000	\$ 2,800,000	\$ 500,000	\$ -
Develop Coddle Creek Greenway - Phase 1 & Phase 2	\$ 606,800	\$ 2,598,000	\$ 171,600	\$ -	\$ 1,716,000	\$ -
Develop Hector Henry Greenway, Cannon Crossing Phase	\$ -	\$ 518,000	\$ 3,150,000	\$ -	\$ -	\$ -
Develop property at David Phillips Activity Center	\$ -	\$ 360,000	\$ 300,000	\$ -	\$ -	\$ -
Parking Improvements at Logan Multi-Purpose Center	\$ 47,000	\$ 220,000	\$ -	\$ -	\$ -	\$ -
Cox Mill Greenway Loop	\$ -	\$ -	\$ 210,000	\$ 945,000	\$ -	\$ 6,300,000
Hector Henry Greenway, Mills at Rocky River	\$ -	\$ 55,700	\$ -	\$ -	\$ 189,000	\$ 1,260,000
Irish Buffalo Creek Greenway	\$ -	\$ 229,200	\$ 835,200	\$ 2,800,000	\$ -	\$ 2,768,000
Develop Riverwalk Park & Nature Preserve / Center	\$ -	\$ 330,000	\$ -	\$ -	\$ 2,750,000	\$ 154,266
Caldwell Park Improvements	\$ -	\$ 650,075	\$ -	\$ 540,000	\$ 1,200,000	\$ 1,500,000
WW Flowe Park Phase One Improvements & Phase Two Expansion	\$ -	\$ -	\$ 750,000	\$ -	\$ 1,500,000	\$ 6,000,000
Gibson Mill Loop Trail	\$ -	\$ -	\$ 1,744,000	\$ 450,000	\$ 490,000	\$ -
Park Lighting Project	\$ -	\$ -	\$ 250,000	\$ 250,000	\$ -	\$ -
Develop Hector Henry Greenway, Airport Phase	\$ -	\$ -	\$ -	\$ 225,000	\$ -	\$ 4,220,000
Development of Gibson Village Park	\$ -	\$ 277,200	\$ 1,000,000	\$ 400,000	\$ 900,000	\$ 8,500,000
Development of a North/Central Neighborhood Park	\$ -	\$ 1,320,000	\$ -	\$ -	\$ -	\$ 1,870,000
Development of Recreation and Aquatic Center, Central Area	\$ -	\$ 660,000	\$ -	\$ -	\$ 2,160,000	\$ 18,450,600
Frank Liske Park Development	\$ -	\$ -	\$ 173,500	\$ -	\$ 600,000	\$ 6,000,000
Development of a Recreation Center Southeast/South	\$ -	\$ -	\$ 330,000	\$ -	\$ 720,000	\$ 6,154,266
Develop Hector Henry Greenway, Golf Course/Speedway Phase Development	\$ -	\$ -	\$ 60,000	\$ 540,000	\$ -	\$ 3,600,000
Les Myers Park Improvements	\$ -	\$ -	\$ 250,000	\$ -	\$ -	\$ 2,000,000
Hartsell Park Improvements	\$ -	\$ -	\$ -	\$ -	\$ 389,400	\$ 1,000,000
Develop Lake Fisher	\$ -	\$ -	\$ -	\$ -	\$ 220,000	\$ 175,000
Beverly Hills Park Improvements	\$ -	\$ -	\$ -	\$ -	\$ 20,000	\$ 200,000
Total	\$ 1,849,500	\$ 13,311,695	\$ 14,879,300	\$ 13,075,000	\$ 14,105,400	\$ 79,931,440

Fund 420: Parks & Recreation Capital Revenues

	2019-2020 Approved	2020-2021 Planning Yr.	2021-2022 Planning Yr.	2022-2023 Planning Yr.	2023-2024 Planning Yr.	Future Planning Yr.
Revenues by Funding Source						
Transfer from General Fund	\$ -	\$ 1,528,075	\$ 4,510,000	\$ 1,330,000	\$ 2,700,000	\$ 11,100,000
Grant Proceeds	\$ -	\$ -	\$ 350,000	\$ -	\$ -	\$ -
Operating Revenue	\$ 54,500	\$ 155,320	\$ -	\$ -	\$ 251,000	\$ 913,440
Transfer from Capital Reserve	\$ 1,795,000	\$ 11,628,300	\$ 10,019,300	\$ 11,745,000	\$ 11,154,400	\$ 67,918,000
Total	\$ 1,849,500	\$ 13,311,695	\$ 14,879,300	\$ 13,075,000	\$ 14,105,400	\$ 79,931,440

FY2020 Parks & Recreation Projects



City of Concord, North Carolina

Fiscal Year 2019-20 through 2023-24 Capital Improvement Plan

Section 1	CIP Title	HVAC in Gymnasiums				Budget Unit #	8300		
Budget Unit	P&R - Capital Projects		Functional Area	Parks & Recreation		Priority Rank	1		
Total CIP Cost	Total Appropriations to date	Budget Year 1 FY2019-20	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP	
			Year 2 FY2020-21	Year 3 FY2021-22	Year 4 FY2022-23	Year 5 FY2023-24		<input type="checkbox"/> New	<input type="checkbox"/> Expansion
			<input type="checkbox"/> Replacement	<input checked="" type="checkbox"/> Renovation					
			<input type="checkbox"/> Land/ROW Acq. Required						
542,500	0	542,500	0	0	0	0	542,500		

Section 2 Description

This project is for the Installation of HVAC in gymnasiums at Academy Recreation Center, Logan Multi-Purpose Center and Hartsell Recreation Center.

History, Status, or Impact if Delayed

During FY19 McVeigh and Mangum conducted an assessment of HVAC needs in the gymnasiums of Academy Recreation Center, Logan Multi-Purpose Center and Hartsell Recreation Center. The assessment included cost estimates and structural engineering.

Justification or Link to City Goals

The Comprehensive Parks and Recreation Master Plan identified the need for HVAC in the gymnasiums. This recommendation addressed safety concerns, improved customer service and the ability to increase programming opportunities. Roof replacement recommendations from McVeigh and Mangum are at a cost of \$8.00 per square foot for each Center.

Section 3 Capital Costs

Activity	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Installation of HVAC in all 3 Centers	316,000	0	0	0	0	0	316,000
Roof Replacements for Centers	212,000	0	0	0	0	0	212,000
Total Capital Cost	528,000	0	0	0	0	0	528,000

Section 4 New or Additional Impact on Operating Budget

Type of Expenditure	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Utility Bill Increase	14,500	0	0	0	0	0	14,500
Total	14,500	0	0	0	0	0	14,500

Section 5 Method(s) of Financing

Funding Source(s)	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Capital Reserve	528,000	0	0	0	0	0	528,000
Transfer Gen Ops Fund for increased Utilities	14,500	0	0	0	0	0	14,500
Total	542,500	0	0	0	0	0	542,500

Section 6 Maps / Charts / Tables / Pictures **Section 7** Comments for Other Depts.

Utility Bill increase based on recommendation from HVAC assessment conducted by McVeigh and Mangum.

City of Concord, North Carolina

Fiscal Year 2019-20 through 2023-24 Capital Improvement Plan

Section 1	CIP Title	Northwest/West Park & Recreation Center Development					Budget Unit #	8300
Budget Unit	P&R - Capital Projects	Functional Area	Parks & Recreation				Priority Rank	2
Total CIP Cost	Total Appropriations to date	Budget Year 1 FY2019-20	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP
			Year 2 FY2020-21	Year 3 FY2021-22	Year 4 FY2022-23	Year 5 FY2023-24		
20,405,339	1,705,031	0	3,950,000	1,095,000	3,625,000	251,000	18,700,308	

Section 2 **Description**

This project consists of the development of two parks in the Northwest/West to serve the recreation needs of the City. The Comprehensive Parks and Recreation Master Plan identifies the need for a Community Park in the Northwest/West. Community Parks can range from 30 to 50 acres in size. Properties that size are not abundantly available in the Northwest. Therefore, the plan is to acquire two smaller properties and develop two parks in the Northwest/West. This project also consists of developing a new recreation center in the Northwest/West area of the City of Concord to address needs identified in the Comprehensive Parks & Recreation Master Plan. This project includes design and construction, and the findings of a proposed Recreation Center Study will be used to determine the needs, size, space and the amenities.

Park #1
This park will be created through the development of property to address the outdoor athletic needs in the Northwest/West. A minimum of five (5) rectangular fields, four (4) diamond fields, eight (8) tennis courts and other athletic amenities are needed. An active park would need to be accessible from a thoroughfare, and topography would be a significant factor.

Park #2
This park will be created through the development of other park amenities, possibly including dog park, playgrounds, splash pad, shelters, disc golf, a Recreation Center, should be considered here. Either or both of these parks might provide greenway trail head parking, depending on location.

History, Status, or Impact if Delayed

The Parks & Recreation Master Plan identifies the Northwest/West area of Concord as the highest priority need. We will continue to search and identify land to acquire (100 acres or two 50-acre properties). A delay would make it difficult to assemble the acres of land needed for these facilities. A delay would also prevent the City of Concord from addressing the indoor program and athletic needs of the Northwest.

Justification or Link to City Goals

This project aligns with Council Goals, the Open Space Connectivity Analysis, Master Plan and Land Use Plan. The Comprehensive Parks & Recreation Master Plan identifies the need to acquire land and develop Community Park(s) to address the recreation needs in the Northwest/West area of Concord as well the need for a recreation center in the same region. Such a facility would address the Department's athletic, programming, and fitness/wellness needs in this area. The Community Park(s) must include active components such as athletic fields and passive components such as trails and playgrounds. These facilities would address the Department's programming and growth needs in this area as well. The amount budgeted for land acquisition for parks represents up to 100 acres @ \$66,000 per acre and 50 acres of the 100 @ \$66,000 per acre for the recreation center.

Section 3 **Capital Costs**

Activity	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Construction Park #1 & #2	0	0	0	3,625,000	0	3,625,000	7,250,000
Construction Recreation Center	0	0	0	0	0	6,000,000	6,000,000
Design	0	350,000	375,000	0	0	0	725,000
Design Recreation Center	0	0	720,000	0	0	0	720,000
Land Acquisition	0	3,600,000	0	0	0	0	3,600,000
Total Capital Cost	0	3,950,000	1,095,000	3,625,000	0	9,625,000	18,295,000

Section 4 **New or Additional Impact on Operating Budget**

Type of Expenditure	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
B&G Staff (1 Crew Supervisor / Grounds Staff)	0	0	0	0	150,000	0	150,000
Equipment	0	0	0	0	41,000	0	41,000
F150 4 wheel drive extended cab Truck	0	0	0	0	28,000	0	28,000
F350 crew truck	0	0	0	0	32,000	0	32,000
Staff for Recreation Center	0	0	0	0	0	154,308	154,308
Total	0	0	0	0	251,000	154,308	405,308

Section 5 **Method(s) of Financing**

Funding Source(s)	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Capital Reserve	0	3,950,000	1,095,000	3,625,000	0	9,625,000	18,295,000
Operating Revenue	0	0	0	0	251,000	154,308	405,308
Total	0	3,950,000	1,095,000	3,625,000	251,000	9,779,308	18,700,308

Section 6 **Maps / Charts / Tables / Pictures** **Section 7** **Comments for Other Depts.**

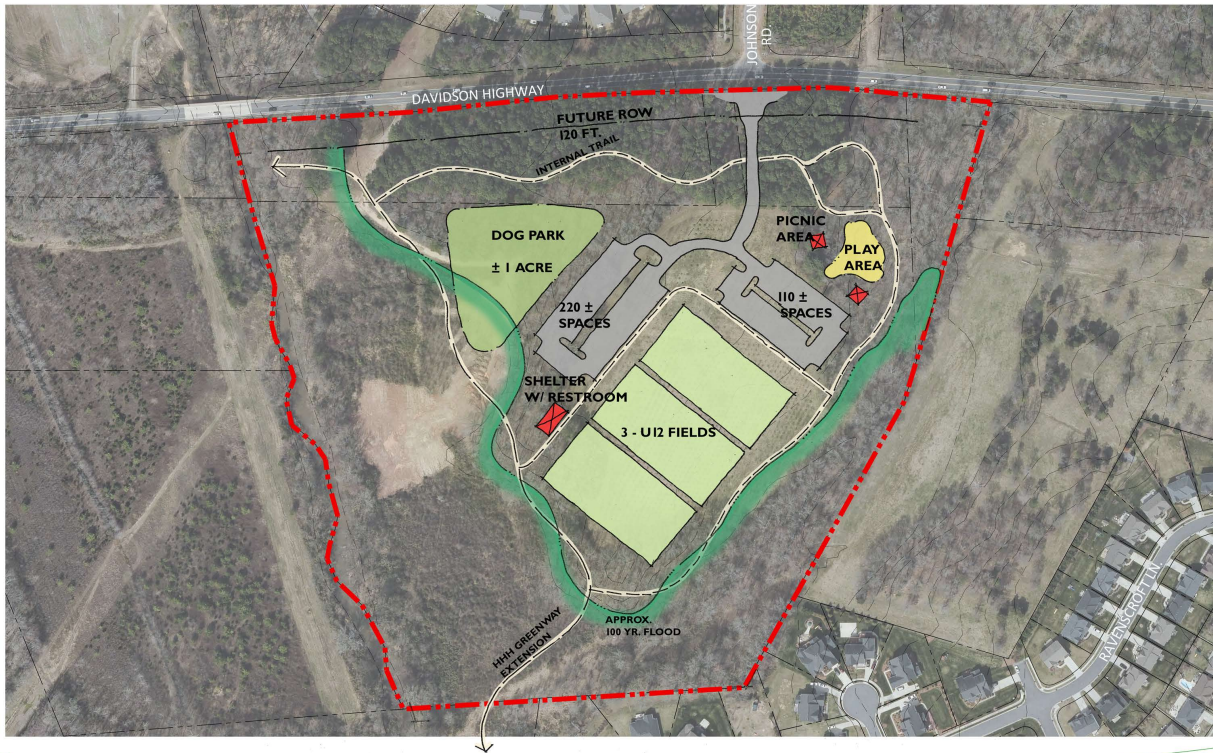
City of Concord, North Carolina

Fiscal Year 2019-20 through 2023-24 Capital Improvement Plan

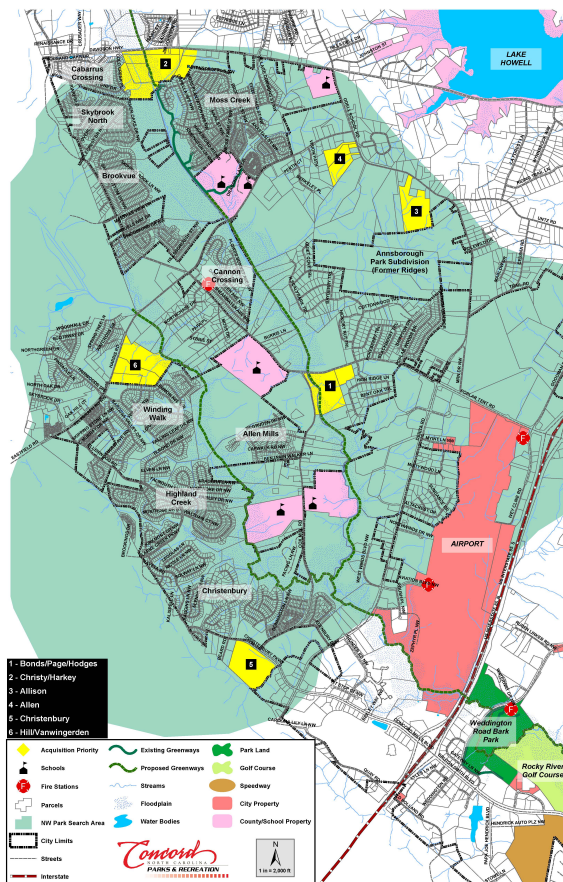
Northwest Park | Conceptual Site Plan

Concord, North Carolina

Concord Parks & Recreation | 09.05.2018



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City of Concord, North Carolina

Fiscal Year 2019-20 through 2023-24 Capital Improvement Plan

Section 1	CIP Title	Connectivity Plan					Budget Unit #	8300
Budget Unit	P&R - Capital Projects	Functional Area	Parks & Recreation				Priority Rank	3
Total CIP Cost	Total Appropriations to date	Budget Year 1 FY2019-20	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP
			Year 2 FY2020-21	Year 3 FY2021-22	Year 4 FY2022-23	Year 5 FY2023-24		<input type="checkbox"/> New <input type="checkbox"/> Replacement <input checked="" type="checkbox"/> Land/ROW Acq. Required <input checked="" type="checkbox"/> Expansion <input type="checkbox"/> Renovation
2,350,000	0	350,000	500,000	500,000	500,000	500,000	2,350,000	

Section 2 Description

This project consists of a plan to accelerate connectivity city wide using recommendations of the Open Space Connectivity Analysis. The OSCA (Open Space Connectivity Analysis) has identified 5 target areas. Within each target area we will be looking at connectivity using bike lanes, multi-use paths, sidewalks and new or improved crosswalks.

History, Status, or Impact if Delayed

The City of Concord Pedestrian Improvement Program's Policy was established in 2004 to provide a process for making annual recommendations to Council for sidewalk projects that are fair to the whole community and that identify where the greatest sidewalk needs exist. The Policy provides for sidewalk requests to be evaluated and prioritized based on five (5) criteria that address issues of continuity and integration; location (including availability of right-of-way); pedestrian generators; safety; and existing and projected pedestrian traffic. Bicycle facilities historically are not prioritized or funded such as bike lanes and multi-use paths.

Justification or Link to City Goals

This project aligns with the Open Space Connectivity Analysis, Master Plan, and Land Use Plan. Supporting the existing PIP program format as well as considering the recommendations of the OSCA (Open Space Connectivity Analysis) and increasing the current funding will allow the City of Concord the opportunity to accelerate connectivity. This will provide accessibility for pedestrians and bicycles in the areas prioritized. This supports the Council Goal to work with internal City departments to identify projects that offer opportunities for connectivity development.

Section 3 Capital Costs

Activity	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Projects within 5 target areas from the OSCA; bike lanes, multi-use paths, sidewalks and crosswalks.	350,000	500,000	500,000	500,000	500,000	0	2,350,000
Total Capital Cost	350,000	500,000	500,000	500,000	500,000	0	2,350,000

Section 4 New or Additional Impact on Operating Budget

Type of Expenditure	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Total							

Section 5 Method(s) of Financing

Funding Source(s)	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Capital Reserve	350,000	500,000	500,000	500,000	500,000	0	2,350,000
Total	350,000	500,000	500,000	500,000	500,000	0	2,350,000

Section 6 Maps / Charts / Tables / Pictures **Section 7** Comments for Other Depts.

City of Concord, North Carolina

Fiscal Year 2019-20 through 2023-24 Capital Improvement Plan

Section 1	CIP Title	Dorton Park Improvements				Budget Unit #	8300		
Budget Unit	P&R - Capital Projects	Functional Area	Parks & Recreation			Priority Rank	4		
Total CIP Cost	Total Appropriations to date	Budget Year 1 FY2019-20	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP	
			Year 2 FY2020-21	Year 3 FY2021-22	Year 4 FY2022-23	Year 5 FY2023-24		<input type="checkbox"/> New	<input type="checkbox"/> Expansion
							<input type="checkbox"/> Replacement	<input checked="" type="checkbox"/> Renovation	
							<input type="checkbox"/> Land/ROW Acq. Required		
4,400,000	0	0	400,000	4,000,000	0	0	4,400,000		

Section 2 Description

This project consists of re-developing Dorton Park according to a new master plan. Recommendations include a parking lot expansion, new playgrounds, and improvements to trails including connecting to the YMCA, community gardens, dog park, splash pad, and additional tennis courts, etc.

History, Status, or Impact if Delayed

The daily average attendance for Dorton Park from January 1, 2018 until October 19, 2018 was 325. A lack of parking and the current layout hinder programming and athletic opportunities.

Justification or Link to City Goals

This project aligns with the Master Plan and Land Use Plan. The Comprehensive Parks and Recreation Master Plan identified the need to re-master plan Dorton Park. Re-development will address safety, accessibility, and amenities.

Section 3								Capital Costs	
Activity	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total		
Design	0	400,000	0	0	0	0	400,000		
Improvements to existing park	0	0	4,000,000	0	0	0	4,000,000		
Total Capital Cost	0	400,000	4,000,000	0	0	0	4,400,000		

Section 4 New or Additional Impact on Operating Budget

Type of Expenditure	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Total							

Section 5 Method(s) of Financing

Funding Source(s)	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Capital Reserve	0	400,000	4,000,000	0	0	0	4,400,000
Total	0	400,000	4,000,000	0	0	0	4,400,000

Section 6 Maps / Charts / Tables / Pictures **Section 7** Comments for Other Depts.



City of Concord, North Carolina

Fiscal Year 2019-20 through 2023-24 Capital Improvement Plan

Section 1	CIP Title	Development of McEachern Greenway - Hospital Phase and Parking Lot					Budget Unit #	8300
Budget Unit	P&R - Capital Projects	Functional Area	Parks & Recreation			Priority Rank	5	
Total CIP Cost	Total Appropriations to date	Budget Year 1 FY2019-20	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP
			Year 2 FY2020-21	Year 3 FY2021-22	Year 4 FY2022-23	Year 5 FY2023-24		<input type="checkbox"/> New <input type="checkbox"/> Replacement <input checked="" type="checkbox"/> Land/ROW Acq. Required <input type="checkbox"/> Expansion <input type="checkbox"/> Renovation
5,016,720	110,000	303,200	1,243,520	60,000	2,800,000	500,000	4,906,720	

Section 2 **Description**

This project includes land acquisition, design and construction of McEachern Greenway. This project completes the McEachern Greenway.

Part One, Acquisition and Design:

This phase consists of acquiring properties as needed for the Hospital phase and from the David Phillips Activity Center on Burrage Road to the existing greenway, which is behind the Shell Station. Then we will begin design of this 2 miles of greenway. The amount budgeted for land acquisition represents \$60,000 per mile. There will also be a paved neighborhood connection 8'-10' at the WSACC access Hatley Circle.

Part Two, Parking Lot/Restroom Facility (also in FY20):

This Phase consists of land acquisition and construction of trail head parking lot and restroom facility at Wilson St. property. A connection is made at the City owned property on Wilson Street and Ashlyn Drive, for neighborhood connectivity with the greenway.

Part Three, Greenway Construction

This phase connects the existing greenway trail that ends behind the Shell Station with the David Phillips Activity Center and the Hospital phase, parallel to Branchview Drive and Three Mile Branch, which is a distance of 2.0 miles. The amount budgeted for construction represents \$1.4 million per mile of greenway.

Part Four, Connectivity:

Phase Four consists of the installation of a pedestrian culvert under Branchview Drive at the intersection of Corban Avenue. This will create a connection with the Senior Center and extend the Carolina Thread Trail. The estimated cost for this phase is \$500,000.

History, Status, or Impact if Delayed

McEachern Greenway is identified in the Parks & Recreation Master Plan to extend from Les Myers Park to Atrium Health - Carolinas Healthcare System NorthEast, a distance of 4.5 miles. Parts of the McEachern Greenway corridor are a part of the Carolina Thread Trail. This project would complete the greenway as originally envisioned.

Justification or Link to City Goals

Phases One, Three, Four:

These phases align with Council Goals, the Comprehensive Master Plan, OSCA (Open Space Connectivity Analysis), and Land Use Plan. The development and completion of the McEachern Greenway will provide an additional 2.0 miles of greenway and provide connectivity from Les Myers Park to the Hospital. The completion of this project would provide a total of 7.5 miles including the Downtown Loop. This project includes land acquisition, design, and construction of the greenway. McEachern Greenway is identified in the Parks & Recreation Master Plan as a priority need in the development of the Pedestrian/Bicycle Trail system and possible bike share program. It creates connectivity to the Hospital campus, Carolina Mall, David Phillips Activity Center, local schools, Cabarrus County Senior Center, McGee Park, Les Myers Park and Downtown Concord. There are approximately 2,492 households within a quarter-mile of this greenway trail system and 4,670 within a half-mile. The amount budgeted for land acquisition represents 2 miles @ \$60,000.

Phase Two, Parking Lot:

The trail head parking lot will address the issue of parking and restroom availability on McEachern Greenway. With the expansion of McEachern Greenway comes an increase in usage and demand for parking and restrooms upstream from McGee Park.

Section 3 **Capital Costs**

Activity	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Construction Greenway	0	12,000	60,000	2,800,000	500,000	0	3,372,000
Construction Parking Lot/Restroom Facilities	0	300,000	0	0	0	0	300,000
Design	50,000	445,000	0	0	0	0	495,000
Land Acquisition	253,200	331,200	0	0	0	0	584,400
Total Capital Cost	303,200	1,088,200	60,000	2,800,000	500,000	0	4,751,400

Section 4 **New or Additional Impact on Operating Budget**

Type of Expenditure	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
B&G Staff 2 Grounds Staff	0	94,320	0	0	0	0	94,320
Equipment	0	29,000	0	0	0	0	29,000
F350 Crew Truck	0	32,000	0	0	0	0	32,000
Total	0	155,320	0	0	0	0	155,320

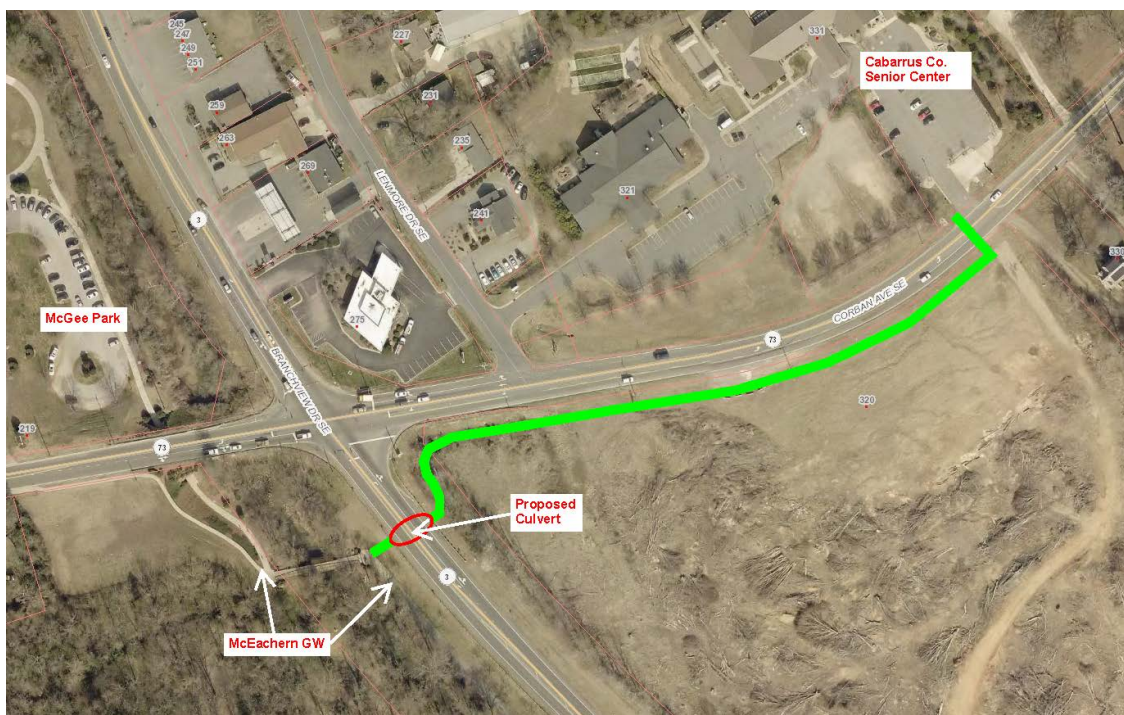
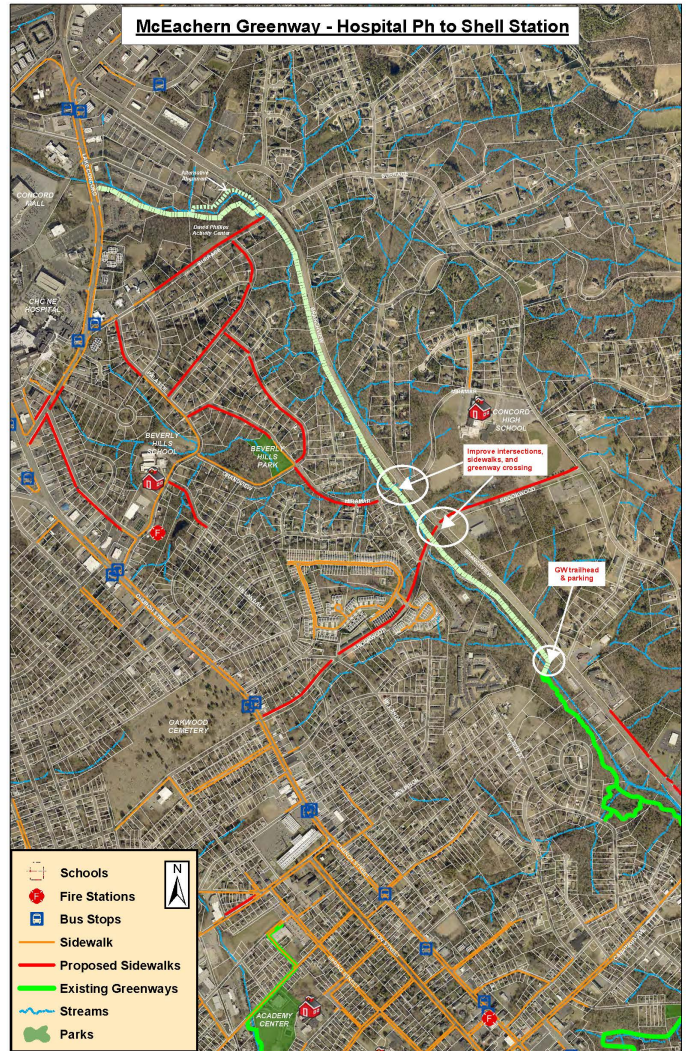
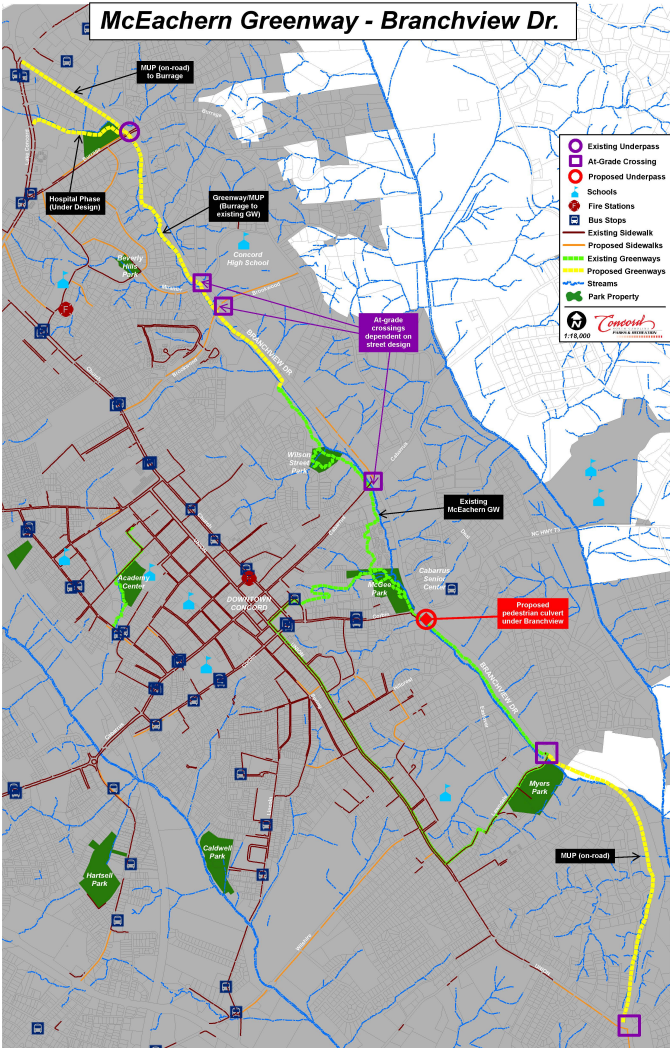
Section 5 **Method(s) of Financing**

Funding Source(s)	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Capital Reserve	303,200	1,088,200	60,000	2,800,000	500,000	0	4,751,400
Operating Revenue from B&G	0	155,320	0	0	0	0	155,320
Total	303,200	1,243,520	60,000	2,800,000	500,000	0	4,906,720

Section 6 **Section 7**
 Maps / Charts / Tables / Pictures Comments for Other Depts.

City of Concord, North Carolina

Fiscal Year 2019-20 through 2023-24 Capital Improvement Plan



City of Concord, North Carolina

Fiscal Year 2019-20 through 2023-24 Capital Improvement Plan

Section 1	CIP Title	Develop Coddle Creek Greenway - Phase 1 & Phase 2					Budget Unit #	8300
Budget Unit	P&R - Capital Projects	Functional Area	Parks & Recreation				Priority Rank	6
Total CIP Cost	Total Appropriations to date	Budget Year 1 FY2019-20	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP
			Year 2 FY2020-21	Year 3 FY2021-22	Year 4 FY2022-23	Year 5 FY2023-24		
5,205,400	113,000	606,800	2,598,000	171,600	0	1,716,000	5,092,400	

Section 2 **Description**

The development of Coddle Creek Greenway will be completed in two phases.

Phase One

This phase includes a paved greenway along Coddle Creek and Afton Run Branch within Dorton Park (0.38 miles), thereby provides connectivity to Afton Village, the YMCA and Kannapolis. It also includes a paved greenway downstream under Poplar Tent Road (1.52 miles), a connection is made with Poplar Crossing (0.28 miles). This phase includes design and construction.

Phase Two

This phase would extend the trail to Weddington Road and provide multi-use paths along Weddington Road to George Liles Pkwy (1.5 miles) and sidewalks along George Liles Pkwy North (0.36 miles). This phase includes acquisition, design and construction.

History, Status, or Impact if Delayed

The development of these phases is contingent upon acquisition of trail easements. If both phase one and two of the Coddle Creek Greenway are completed, we then have an opportunity to develop a major local trail loop by completing the sidewalk along George Liles Parkway to Poplar Tent Road and back to Dorton Park and Afton Village. This local trail loop would connect Western Concord residential areas, retail areas, schools, and recreational facilities in a multi-mode transportation network as identified in the Comprehensive Parks and Recreation Master Plan and OSCA (Open Space Connectivity Analysis). (Total of 4 miles)

Justification or Link to City Goals

This project aligns with Council Goals, the OSCA (Open Space Connectivity Analysis), Master Plan, and Land Use Plan. This project begins development of a greenway and sidewalk loop in Western Concord. This project addresses bicycle and pedestrian needs identified as priorities in the Comprehensive Parks and Recreation Master Plan and creates connectivity in the west side of the City as identified in the Open Space Connectivity Analysis. The amount budgeted for land acquisition represents 3.66 miles @ \$60,000 per mile.

Section 3 **Capital Costs**

Activity	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Construction Phase I	0	2,598,000	0	0	0	0	2,598,000
Construction Phase II	0	0	0	0	1,716,000	0	1,716,000
Design	347,200	0	171,600	0	0	0	518,800
Land Acquisition	219,600	0	0	0	0	0	219,600
Total Capital Cost	566,800	2,598,000	171,600	0	1,716,000	0	5,052,400

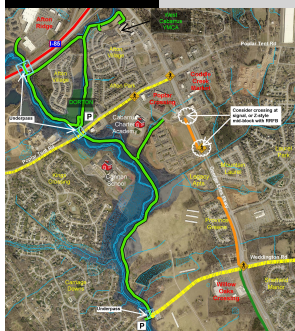
Section 4 **New or Additional Impact on Operating Budget**

Type of Expenditure	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Equipment for greenway	10,000	0	0	0	0	0	10,000
F250 4 wheel drive ext. cab	30,000	0	0	0	0	0	30,000
Total	40,000	0	0	0	0	0	40,000

Section 5 **Method(s) of Financing**

Funding Source(s)	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Capital Reserve	566,800	2,598,000	171,600	0	1,716,000	0	5,052,400
Operating Revenue from B&G	40,000	0	0	0	0	0	40,000
Total	606,800	2,598,000	171,600	0	1,716,000	0	5,092,400

Section 6 **Section 7**



Maps / Charts / Tables / Pictures

Section 7 **Comments for Other Depts.**

Coddle Creek Phase 1, part of the Operating Impact listed in Riverwalk Phase CIP

City of Concord, North Carolina

Fiscal Year 2019-20 through 2023-24 Capital Improvement Plan

Section 1	CIP Title	Develop Hector Henry Greenway, Cannon Crossing Phase					Budget Unit #	8300
Budget Unit	P&R - Capital Projects	Functional Area	Parks & Recreation			Priority Rank	7	
Total CIP Cost	Total Appropriations to date	Budget Year 1 FY2019-20	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP
			Year 2 FY2020-21	Year 3 FY2021-22	Year 4 FY2022-23	Year 5 FY2023-24		
3,728,000	60,000	0	518,000	3,150,000	0	0	3,668,000	

<input checked="" type="checkbox"/>	New	<input type="checkbox"/>	Expansion
<input type="checkbox"/>	Replacement	<input type="checkbox"/>	Renovation
<input checked="" type="checkbox"/>	Land/ROW Acq. Required		

Section 2 Description

This project is the acquisition, design and construction of Hector Henry Greenway, Cannon Crossing Phase. The project addresses bicycle, pedestrian, and greenway needs that were identified in the Parks & Recreation Master Plan. The amount budgeted for land acquisition represents .75 miles @ \$60,000 per mile.

History, Status, or Impact if Delayed

Development of this phase is contingent upon acquisition of trail easements from Moss Creek to Poplar Tent Road. This segment is included as a part of the Carolina Thread Trail.

Justification or Link to City Goals

This project aligns with Council Goals, the OSCA (Open Space Connectivity Analysis), Master Plan, and Land Use Plan. The Hector Henry Greenway, Cannon Crossing Phase is approximately 1.75 miles long, from Hector Henry Greenway, Moss Creek to Cannon Crossing Housing Development to Poplar Tent Road bridge. This project would involve acquisition, design and construction of the greenway. The Parks & Recreation Master Plan identifies the Hector Henry Greenway as a priority need in the development of the pedestrian/bicycle trail system.

Section 3 Capital Costs

Activity	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Construct HHH Greenway, Cannon Crossing Phase	0	0	3,150,000	0	0	0	3,150,000
Design	0	473,000	0	0	0	0	473,000
Land Acquisition	0	45,000	0	0	0	0	45,000
Total Capital Cost	0	518,000	3,150,000	0	0	0	3,668,000

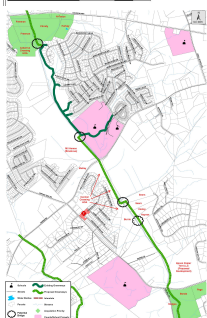
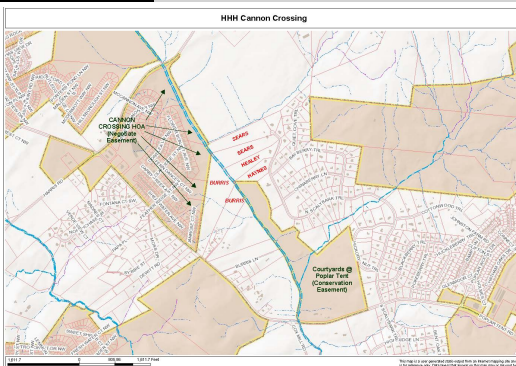
Section 4 New or Additional Impact on Operating Budget

Type of Expenditure	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Total							

Section 5 Method(s) of Financing

Funding Source(s)	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Transfer from General Fund	0	518,000	3,150,000	0	0	0	3,668,000
Total	0	518,000	3,150,000	0	0	0	3,668,000

Section 6 Maps / Charts / Tables / Pictures **Section 7 Comments for Other Depts.**



City of Concord, North Carolina

Fiscal Year 2019-20 through 2023-24 Capital Improvement Plan

Section 1	CIP Title	Develop property at David Phillips Activity Center				Budget Unit #	8300		
Budget Unit	P&R - Capital Projects	Functional Area	Parks & Recreation			Priority Rank	8		
Total CIP Cost	Total Appropriations to date	Budget Year 1 FY2019-20	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP	
			Year 2 FY2020-21	Year 3 FY2021-22	Year 4 FY2022-23	Year 5 FY2023-24		<input type="checkbox"/> New	<input type="checkbox"/> Expansion
							<input type="checkbox"/> Replacement	<input checked="" type="checkbox"/> Renovation	
			<input type="checkbox"/> Land/ROW Acq. Required						
1,438,310	778,310	0	360,000	300,000	0	0	660,000		

Section 2 Description

This project is to develop 10 acres located at the David Phillips Activity Center (946 Burrage Road) into a park.

History, Status, or Impact if Delayed

This project will provide connectivity to the McEachern Greenway and additional space for outdoor classroom with the Open Air Learning Center.

Justification or Link to City Goals

In FY19, the property of the David Phillips Activity Center master planning will be completed. The master planning of existing facilities was identified in the Comprehensive Parks and Recreation Master Plan. This site could provide a pleasant neighborhood Park. It also supports the council goal to expand programming on the greenways and cultural arts programming.

Section 3 Capital Costs

Activity	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Construction	0	300,000	300,000	0	0	0	600,000
Design	0	60,000	0	0	0	0	60,000
Total Capital Cost	0	360,000	300,000	0	0	0	660,000

Section 4 New or Additional Impact on Operating Budget

Type of Expenditure	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Total							

Section 5 Method(s) of Financing

Funding Source(s)	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Transfer from General Fund	0	360,000	300,000	0	0	0	660,000
Total	0	360,000	300,000	0	0	0	660,000

Section 6 Maps / Charts / Tables / Pictures **Section 7 Comments for Other Depts.**



City of Concord, North Carolina

Fiscal Year 2019-20 through 2023-24 Capital Improvement Plan

Section 1	CIP Title	Parking Improvements at Logan Multi-Purpose Center					Budget Unit #	8300
Budget Unit	P&R - Capital Projects	Functional Area	Parks & Recreation			Priority Rank	9	
Total CIP Cost	Total Appropriations to date	Budget Year 1 FY2019-20	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP
			Year 2 FY2020-21	Year 3 FY2021-22	Year 4 FY2022-23	Year 5 FY2023-24		
267,000	0	47,000	220,000	0	0	0	267,000	

<input type="checkbox"/>	New	<input checked="" type="checkbox"/>	Expansion
<input type="checkbox"/>	Replacement	<input type="checkbox"/>	Renovation
<input checked="" type="checkbox"/>	Land/ROW Acq. Required		

Section 2 Description

This project is to develop parking at the City-owned lot across Booker Street and acquire/develop vacant Lincoln Street property adjacent to existing lot.

History, Status, or Impact if Delayed

The existing parking lot at Logan Multi-Purpose Center does not meet the needs of the Center. In order to expand programming to the community, this Center must have adequate parking. Current parking spaces total 32 of which 2 are reserved for the handicap.

Justification or Link to City Goals

The existing parking lot at Logan is at capacity and close to exceeding capacity. Expanding parking will be consistent with Department Goals to operate safe facilities and expand center programming for the community. The amount budgeted for land acquisition represents .5 acres @ \$50,000 per acre.

Section 3 Capital Costs

Activity	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Construction to expand existing	0	220,000	0	0	0	0	220,000
Design	22,000	0	0	0	0	0	22,000
Land Acquisition	25,000	0	0	0	0	0	25,000
Total Capital Cost	47,000	220,000	0	0	0	0	267,000

Section 4 New or Additional Impact on Operating Budget

Type of Expenditure	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Total							

Section 5 Method(s) of Financing

Funding Source(s)	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Capital Reserve	47,000	220,000	0	0	0	0	267,000
Total	47,000	220,000	0	0	0	0	267,000

Section 6 Maps / Charts / Tables / Pictures **Section 7** Comments for Other Depts.



City of Concord, North Carolina

Fiscal Year 2019-20 through 2023-24 Capital Improvement Plan

Section 1	CIP Title	Cox Mill Greenway Loop				Budget Unit #	8300		
Budget Unit	P&R - Capital Projects	Functional Area	Parks & Recreation			Priority Rank	10		
Total CIP Cost	Total Appropriations to date	Budget Year 1 FY2019-20	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP	
			Year 2 FY2020-21	Year 3 FY2021-22	Year 4 FY2022-23	Year 5 FY2023-24		<input checked="" type="checkbox"/> New	<input type="checkbox"/> Expansion
							<input type="checkbox"/> Replacement	<input type="checkbox"/> Renovation	
							<input checked="" type="checkbox"/> Land/ROW Acq. Required		
7,455,000	0	0	0	210,000	945,000	0	7,455,000		

Section 2 Description

This project develops a greenway loop on the West side of the City of Concord. The greenway travels along both Rocky River and Clarke Creek, providing connectivity between Christenbury, Cox Mill Elementary, Cox Mill High School, the Cannon Crossing, and Airport Phase of Hector Henry Greenway.

Cox Mill Phase One

For this project, we will need to acquire land along Rocky River from Poplar Tent down to the confluence with Clarke Creek and upstream on Clarke Creek to Cox Mill Elementary School (3 miles). Then we will begin the design in FY21 and construction in FY22. This phase includes acquisition, design, and construction.

Cox Mill Phase Two

This phase includes development of a trail connection from the Airport Phase (at Derita Road) up to the M/I Homes development at the confluence of Clarke Creek and Rocky River, a distance of 0.5 miles. This phase includes acquisition, design and construction.

History, Status, or Impact if Delayed

A delay would make it difficult to assemble the acres of land needed. This project addresses bicycle, pedestrian, and greenway needs that were identified in the Parks & Recreation Master Plan.

Justification or Link to City Goals

This project aligns with Council Goals, the (OPCA) Open Space Connectivity Analysis, and Master Plan. The Master Plan identifies Hector Henry Greenway, and we plan to continue the development to address the pedestrian and bicycle needs identified in the Master Plan. The Rocky River Corridor is a significant segment of the Carolina Thread Trail. This trail will also create connectivity to Kannapolis, Davidson, local schools, Concord Mills, Weddington Road Bark Park, Rocky River Golf Course, Charlotte Motor Speedway and Harrisburg. There are approximately 4,777 households (between 7,500 and 14,500 persons) within walking distance trail system. The amount budgeted for land acquisition represents 3.5 miles @ \$60,000 per mile.

Section 3 Capital Costs

Activity	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Construction	0	0	0	0	0	6,300,000	6,300,000
Design	0	0	0	945,000	0	0	945,000
Land Acquisition	0	0	210,000	0	0	0	210,000
Total Capital Cost	0	0	210,000	945,000	0	6,300,000	7,455,000

Section 4 New or Additional Impact on Operating Budget

Type of Expenditure	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
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Total

Section 5 Method(s) of Financing

Funding Source(s)	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Capital Reserve	0	0	210,000	945,000	0	6,300,000	7,455,000
Total	0	0	210,000	945,000	0	6,300,000	7,455,000

Section 6 Maps / Charts / Tables / Pictures **Section 7 Comments for Other Depts.**



City of Concord, North Carolina

Fiscal Year 2019-20 through 2023-24 Capital Improvement Plan

Section 1	CIP Title	Hector Henry Greenway, Mills at Rocky River					Budget Unit #	8300
Budget Unit	P&R - Capital Projects	Functional Area	Parks & Recreation				Priority Rank	11
Total CIP Cost	Total Appropriations to date	Budget Year 1 FY2019-20	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP
			Year 2 FY2020-21	Year 3 FY2021-22	Year 4 FY2022-23	Year 5 FY2023-24		
1,761,325	256,625	0	55,700	0	0	189,000	1,504,700	

Section 2 **Description**

The Hector Henry Greenway, Mills at Rocky River is a 2.4 mile natural surface trail at the Mills at Rocky River development off Rocky River Road. This project will develop approximately 900 linear feet for a neighborhood entrance off of Drake Mill Lane to the greenway trail. This project also paves certain sections of the existing natural surface trail that are prone to flooding.

History, Status, or Impact if Delayed

In 2017, City Council accepted the trail easements for the 2.4 miles of the natural surface trail. The paving of the trail prone to flooding will result in fewer maintenance costs. This segment is included as a part of the Carolina Thread Trail.

Justification or Link to City Goals

The Comprehensive Parks & Recreation Master Plan, Council Goal, and Open Space Connectivity Analysis identifies Hector Henry Greenway as a priority need in the development of pedestrian and bicycle trail system. Connectivity opportunities includes future developments such as Rustic Canyon and Royscroft.

Section 3 **Capital Costs**

Activity	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
10 foot Multi-Use Path along Rocky River Road 480 linear feet @ \$80	0	38,400	0	0	0	0	38,400
2nd Neighborhood entrance off Drake Mill 900 linear feet @ \$12	0	10,800	0	0	0	0	10,800
Construction to Existing	0	0	0	0	0	1,260,000	1,260,000
Design	0	0	0	0	189,000	0	189,000
Soft landscaping at neighborhood entrances 50 @ \$65 @ 2 entrances	0	6,500	0	0	0	0	6,500
Total Capital Cost	0	55,700	0	0	189,000	1,260,000	1,504,700

Section 4 **New or Additional Impact on Operating Budget**

Type of Expenditure	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Total							

Section 5 **Method(s) of Financing**

Funding Source(s)	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Capital Reserve	0	55,700	0	0	189,000	1,260,000	1,504,700
Total	0	55,700	0	0	189,000	1,260,000	1,504,700

Section 6 **Section 7**

Maps / Charts / Tables / Pictures

Comments for Other Depts.

Operating Impacts listed on CIP for McEachern Greenway, Hospital Phase.

City of Concord, North Carolina

Fiscal Year 2019-20 through 2023-24 Capital Improvement Plan

Section 1	CIP Title	Irish Buffalo Creek Greenway				Budget Unit #	8300		
Budget Unit	P&R - Capital Projects	Functional Area	Parks & Recreation			Priority Rank	12		
Total CIP Cost	Total Appropriations to date	Budget Year 1 FY2019-20	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP	
			Year 2 FY2020-21	Year 3 FY2021-22	Year 4 FY2022-23	Year 5 FY2023-24		<input checked="" type="checkbox"/> New	<input type="checkbox"/> Expansion
							<input type="checkbox"/> Replacement	<input type="checkbox"/> Renovation	
							<input checked="" type="checkbox"/> Land/ROW Acq. Required		
6,632,400	0	0	229,200	835,200	2,800,000	0	6,632,400		

Section 2 Description

This greenway project, pursued in several phases, nearly completes Irish Buffalo Creek Greenway. The phases identified includes land acquisition, design and construction. (Total 3.82 miles), Phase One: Melrose Drive to Wilshire Ave. (0.9 miles), Phase Two: McGill Ave. (Stricker Branch) to Cabarrus Ave. (1.3 miles), Phase Three: Cabarrus Ave. to Melrose Drive (0.5 miles), Phase Four: Vietnam Veteran's Park to just South of Hwy 73 (1.12 Miles)

History, Status, or Impact if Delayed

The development of these phases is contingent upon acquisition of land. This greenway trail would connect neighborhoods, parks, and recreational facilities in a multi-modal transportation network as identified in the Comprehensive Parks and Recreation Master Plan and OSCA (Open Space Connectivity Analysis).

Justification or Link to City Goals

This project aligns with OSCA (Open Space Connectivity Analysis), Master Plan, and Land Use Plan. The development of the Irish Buffalo Creek Greenway will address the bicycle and pedestrian needs identified as a priority in the Comprehensive Parks and Recreation Master Plan. It creates connectivity along a primary Carolina Thread Trail route to Kannapolis on the north end, and also creates connectivity on the south end between Gibson Village, Logan Community and Silver Hill neighborhoods and Downtown. The amount budgeted for land acquisition represents 3.82 miles @ \$60,000 per mile.

Section 3 Capital Costs

Activity	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Construction Phase Four	0	0	0	0	0	1,568,000	1,568,000
Construction Phase One & Two	0	0	0	2,800,000	0	0	2,800,000
Construction Phase Three	0	0	0	0	0	1,200,000	1,200,000
Design	0	0	835,200	0	0	0	835,200
Land Acquisition	0	229,200	0	0	0	0	229,200
Total Capital Cost	0	229,200	835,200	2,800,000	0	2,768,000	6,632,400

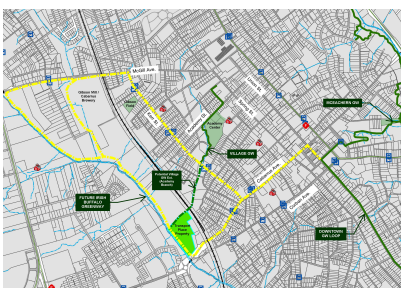
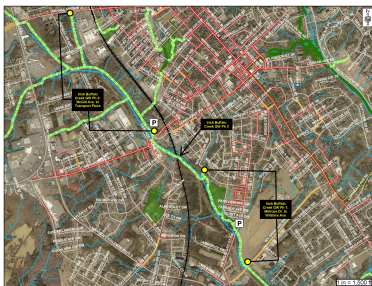
Section 4 New or Additional Impact on Operating Budget

Type of Expenditure	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Total							

Section 5 Method(s) of Financing

Funding Source(s)	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Capital Reserve	0	229,200	835,200	2,800,000	0	2,768,000	6,632,400
Total	0	229,200	835,200	2,800,000	0	2,768,000	6,632,400

Section 6 Maps / Charts / Tables / Pictures **Section 7 Comments for Other Depts.**



Operating Impacts listed on CIP for McEachern Greenway, Hospital Phase.

City of Concord, North Carolina

Fiscal Year 2019-20 through 2023-24 Capital Improvement Plan

Section 1	CIP Title Develop Riverwalk Park & Nature Preserve / Center					Budget Unit #	8300	
Budget Unit	P&R - Capital Projects		Functional Area	Parks & Recreation		Priority Rank	13	
Total CIP Cost	Total Appropriations to date	Budget Year 1 FY2019-20	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP
			Year 2 FY2020-21	Year 3 FY2021-22	Year 4 FY2022-23	Year 5 FY2023-24		
3,234,266	0	0	330,000	0	0	2,750,000	3,234,266	

Y	<input type="checkbox"/> New	<input type="checkbox"/> Expansion
	<input type="checkbox"/> Replacement	<input type="checkbox"/> Renovation
	<input type="checkbox"/> Land/ROW Acq. Required	

Section 2 Description

This project consists of developing a new Park and Nature Preserve by utilizing existing City-owned land at Weddington Road Bark Park, Riverwalk Greenway, and Rocky River Golf Course. We will master Plan existing properties and research development of a Nature Center on City-owned property near Embassy Suites. This project includes design and construction.

History, Status, or Impact if Delayed

The Comprehensive Parks and Recreation Master Plan identifies the need to expand environmental activities in Concord.

Justification or Link to City Goals

This project aligns with Council Goals, The Comprehensive Master Plan, and Land Use Plan. This project would improve and enhance nature-based programming by developing the first active nature preserve in the City of Concord by utilizing existing city-owned property. It also expands on the facilities already provided by the Bark Park and greenway by adding additional amenities such as environmental education to create a destination park. This project also improves walkability in the Concord Mills area.

Section 3 Capital Costs

Activity	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Construction	0	0	0	0	2,750,000	0	2,750,000
Design	0	330,000	0	0	0	0	330,000
Total Capital Cost	0	330,000	0	0	2,750,000	0	3,080,000

Section 4 New or Additional Impact on Operating Budget

Type of Expenditure	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
P&R Staff	0	0	0	0	0	154,266	154,266
Total	0	0	0	0	0	154,266	154,266

Section 5 Method(s) of Financing

Funding Source(s)	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Capital Reserve	0	330,000	0	0	2,750,000	0	3,080,000
Operating Revenue	0	0	0	0	0	154,266	154,266
Total	0	330,000	0	0	2,750,000	154,266	3,234,266

Section 6 Maps / Charts / Tables / Pictures **Section 7 Comments for Other Depts.**



City of Concord, North Carolina

Fiscal Year 2019-20 through 2023-24 Capital Improvement Plan

Section 1	CIP Title	Caldwell Park Improvements				Budget Unit #	8300		
Budget Unit	P&R - Capital Projects	Functional Area	Parks & Recreation			Priority Rank	14		
Total CIP Cost	Total Appropriations to date	Budget Year 1 FY2019-20	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP	
			Year 2 FY2020-21	Year 3 FY2021-22	Year 4 FY2022-23	Year 5 FY2023-24		<input type="checkbox"/> New	<input type="checkbox"/> Expansion
							<input type="checkbox"/> Replacement	<input checked="" type="checkbox"/> Renovation	
							<input checked="" type="checkbox"/> Land/ROW Acq. Required		
3,890,075	0	0	650,075	0	540,000	1,200,000	3,890,075		

Section 2 Description

This project consists of re-master planning and re-developing Caldwell Park. The master plan will provide recommendations for possible land acquisition opportunities, renovation, improvements, and amenities, which may include a splash pad.

History, Status, or Impact if Delayed

This is consistent with Department Goals to operate safe facilities and maintain existing facilities that may be dated.

Justification or Link to City Goals

Master Plan, Land Use Plan

The Comprehensive Parks and Recreation Master Plan identified the need to re-master plan Caldwell Park to address amenities, safety, and accessibility. We also want to explore opportunities for programming in athletics and cultural arts.

Section 3	Capital Costs							
Activity	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total	
Construction	0	0	0	540,000	1,200,000	1,500,000	3,240,000	
Design	0	324,000	0	0	0	0	324,000	
Land Acquisition	0	326,075	0	0	0	0	326,075	
Total Capital Cost	0	650,075	0	540,000	1,200,000	1,500,000	3,890,075	

Section 4 New or Additional Impact on Operating Budget

Type of Expenditure	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Total							

Section 5 Method(s) of Financing

Funding Source(s)	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Transfer from General Fund	0	650,075	0	540,000	1,200,000	1,500,000	3,890,075
Total	0	650,075	0	540,000	1,200,000	1,500,000	3,890,075

Section 6 Maps / Charts / Tables / Pictures **Section 7** Comments for Other Depts.



City of Concord, North Carolina

Fiscal Year 2019-20 through 2023-24 Capital Improvement Plan

Section 1	CIP Title	WW Flowe Park Phase One Improvements & Phase Two Expansion				Budget Unit #	8300		
Budget Unit	P&R - Capital Projects	Functional Area	Parks & Recreation			Priority Rank	15		
Total CIP Cost	Total Appropriations to date	Budget Year 1 FY2019-20	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP	
			Year 2 FY2020-21	Year 3 FY2021-22	Year 4 FY2022-23	Year 5 FY2023-24		<input checked="" type="checkbox"/> New	<input type="checkbox"/> Expansion
							<input type="checkbox"/> Replacement	<input type="checkbox"/> Renovation	
							<input type="checkbox"/> Land/ROW Acq. Required		
8,250,000	0	0	0	750,000	0	1,500,000	8,250,000		

Section 2 Description

This project includes improvements to existing WW Flowe and the development of Phase Two.
Phase One
 The Comprehensive Parks and Recreation Master Plan identified the need to re-master plan recreation facilities to address amenities, safety, and accessibility. We plan to improve the existing park according to the master plan recommendations. This project includes a lease extension, design, and construction.

Phase Two
 In Phase II, We will need to contact Cabarrus County and inquire about leasing and developing the approximately 52.81 acres of County owned land on Central Heights Drive across from the existing park. This project consists of a leasing agreement, design, and construction. The expansion could include additional athletic fields, which would address athletic programming and additional amenities such as bike trails, disc golf, and splash pad.

History, Status, or Impact if Delayed

After leasing the property from the County, the City would Master Plan Phase I and II to maximize function.

Justification or Link to City Goals

Master Plan, Land Use Plan
 The Comprehensive Parks and Recreation Master Plan identifies master planning existing parks. We will conduct Master Plan on Phases I and II combined. Having partnerships with the County is a priority recommendation of the Parks and Recreation Master Plan and a Council Goal. The Park Master Plan also identifies the need for additional park lands in the South (south of Highway 29 and west of Zion Church Road). Leasing existing County-owned land would address this need with no acquisition cost.

Section 3 Capital Costs

Activity	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Construction Phase One	0	0	0	0	1,500,000	0	1,500,000
Construction Phase Two	0	0	0	0	0	6,000,000	6,000,000
Design	0	0	750,000	0	0	0	750,000
Total Capital Cost	0	0	750,000	0	1,500,000	6,000,000	8,250,000

Section 4 New or Additional Impact on Operating Budget

Type of Expenditure	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Total							

Section 5 Method(s) of Financing

Funding Source(s)	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Transfer from General Fund	0	0	750,000	0	1,500,000	6,000,000	8,250,000
Total	0	0	750,000	0	1,500,000	6,000,000	8,250,000

Section 6 Maps / Charts / Tables / Pictures **Section 7 Comments for Other Depts.**



City of Concord, North Carolina

Fiscal Year 2019-20 through 2023-24 Capital Improvement Plan

Section 1	CIP Title	Gibson Mill Loop Trail					Budget Unit #	8300
Budget Unit	P&R - Capital Projects		Functional Area	Parks & Recreation			Priority Rank	16
Total CIP Cost	Total Appropriations to date	Budget Year 1 FY2019-20	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP
			Year 2 FY2020-21	Year 3 FY2021-22	Year 4 FY2022-23	Year 5 FY2023-24		
2,684,000	0	0	0	1,744,000	450,000	490,000	2,684,000	

Y	New	<input type="checkbox"/>	Expansion
	Replacement	<input type="checkbox"/>	Renovation
	Land/ROW Acq. Required	<input type="checkbox"/>	

Section 2 Description

This project is to develop a second Downtown Greenway Loop trail system in Concord that connects along Irish Buffalo Creek, McGill Avenue, Kerr Street and Cabarrus Avenue. Parks and Recreation plans to partner with Transportation and Planning to identify additional funding and connectivity opportunities with cross section recommendations and streetscapes (Total 1.94 miles). Irish Buffalo Creek Greenway Phase Two (CIP #17) identifies the cost associated with the greenway portion of this Loop Trail. This CIP identifies the cost associated with the Transportation portion of this Loop.

History, Status, or Impact if Delayed

The development of the second greenway loop will allow the City of Concord the opportunity to accelerate connectivity for pedestrians and bicycles as identified in the Comprehensive Parks Master Plan.

Justification or Link to City Goals

This project is in accordance with a Council Goal, OSCA (Open Space Connectivity Analysis), Master Plan, Land Use Plan, and PIP for Connectivity improvements. The improvements will provide pedestrian and bicycle connectivity between the existing Village Greenway, Irish Buffalo Creek Greenway, Gibson Mill, Gibson Field, Clear Water Artist Studio, Academy Recreation Center Complex, Downtown, and Gibson Village. This project will allow the City of Concord the opportunity to accelerate connectivity for pedestrians in this area. This supports the Council Goal to work with internal City departments to identify projects that offer opportunities for connectivity development.

Section 3 Capital Costs

Activity	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Construction	0	0	1,500,000	450,000	490,000	0	2,440,000
Design	0	0	244,000	0	0	0	244,000
Total Capital Cost	0	0	1,744,000	450,000	490,000	0	2,684,000

Section 4 New or Additional Impact on Operating Budget

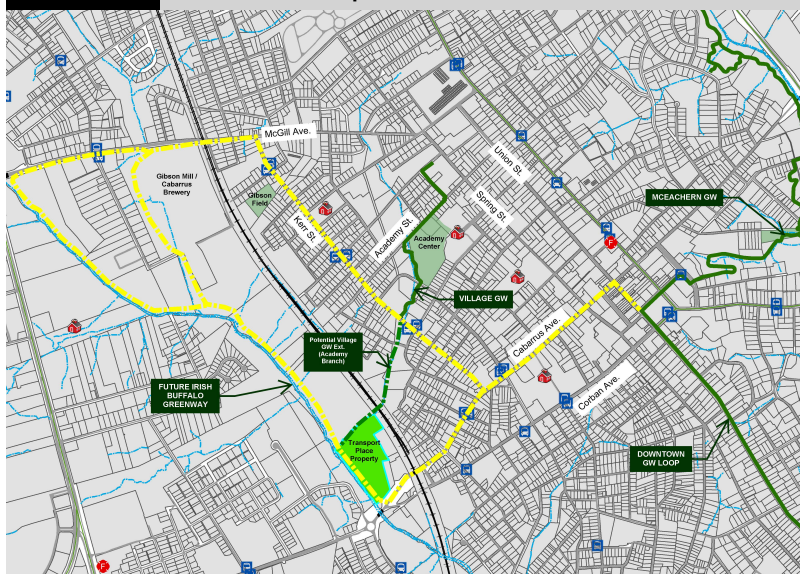
Type of Expenditure	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
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Total							
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Section 5 Method(s) of Financing

Funding Source(s)	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Capital Reserve	0	0	1,394,000	450,000	490,000	0	2,334,000
Grant	0	0	350,000	0	0	0	350,000
Total	0	0	1,744,000	450,000	490,000	0	2,684,000

Section 6 Maps / Charts / Tables / Pictures **Section 7 Comments for Other Depts.**



City of Concord, North Carolina

Fiscal Year 2019-20 through 2023-24 Capital Improvement Plan

Section 1	CIP Title	Park Lighting Project					Budget Unit #	8300
Budget Unit	P&R - Capital Projects	Functional Area	Parks & Recreation			Priority Rank	17	
Total CIP Cost	Total Appropriations to date	Budget Year 1 FY2019-20	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP
			Year 2 FY2020-21	Year 3 FY2021-22	Year 4 FY2022-23	Year 5 FY2023-24		<input type="checkbox"/> New <input checked="" type="checkbox"/> Replacement <input type="checkbox"/> Land/ROW Acq. Required <input type="checkbox"/> Expansion <input type="checkbox"/> Renovation
925,500	425,500	0	0	250,000	250,000	0	500,000	

Section 2 **Description**

This project would replace existing park lights and poles as needed, dependent on the results of bi-annual pole inspections. Possible sites include: Les Myers Park, Beverly Hills Park tennis courts, Caldwell Park basketball courts, Hartsell Ballfield Complex; lights only at Caldwell Fields and tennis courts, Gibson Field, and McAllister Field. This is year two and three funding is for this project.

History, Status, or Impact if Delayed

Funding for existing lights will not be requested until such time that regular bi-annual pole inspections (borings) indicate the poles have becoming unsafe. Actual costs will not be known until such time. The next inspection is scheduled for FY19.

Justification or Link to City Goals

Replacing existing lights and poles will address safety concerns, reduce operating and maintenance costs, and reduce spill light to adjacent courts and neighborhoods. This is consistent with department goals to operate safe facilities in a cost-effective and energy efficient manner.

Section 3 **Capital Costs**

Activity	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Park Lighting Project existing facilities Part Two	0	0	250,000	250,000	0	0	500,000
Total Capital Cost	0	0	250,000	250,000	0	0	500,000

Section 4 **New or Additional Impact on Operating Budget**

Type of Expenditure	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Additional utility cost for lights	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0

Section 5 **Method(s) of Financing**

Funding Source(s)	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Transfer from the General Fund	0	0	250,000	250,000	0	0	500,000
Total	0	0	250,000	250,000	0	0	500,000

Section 6 **Section 7**
 Maps / Charts / Tables / Pictures Comments for Other Depts.



City of Concord, North Carolina

Fiscal Year 2019-20 through 2023-24 Capital Improvement Plan

Section 1	CIP Title	Develop Hector Henry Greenway, Airport Phase				Budget Unit #	8311		
Budget Unit	Hector H. Henry II Greenway	Functional Area	Parks & Recreation			Priority Rank	18		
Total CIP Cost	Total Appropriations to date	Budget Year 1 FY2019-20	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP	
			Year 2 FY2020-21	Year 3 FY2021-22	Year 4 FY2022-23	Year 5 FY2023-24		<input checked="" type="checkbox"/> New	<input type="checkbox"/> Expansion
							<input type="checkbox"/> Replacement	<input type="checkbox"/> Renovation	
							<input type="checkbox"/> Land/ROW Acq. Required		
4,525,500	80,500	0	0	0	225,000	0	4,445,000		

Section 2 Description

The phase originally called "Airport Phase" is sub-divided into two separate projects, one South of I-85 and the other North of I-85.

Airport Phase One

This phase achieves three objectives: (1) It connects the Bark Park under Weddington Road to City owned property between Weddington Road and I-85 as well as the apartments on Weddington Road (\$900,000) (2) It improves the existing Weddington Road bridge crossing for pedestrians and bicycles (\$600,000) (3) It connects existing greenway to the future multi-use path on Bruton Smith Blvd along Gateway Lane. (.5 miles)

Airport Phase Two

This is a connection from I-85 to Derita Road.

Parks and Recreation will continue to work with Engineering and the FAA on trail alignment options. Several alignment options are under consideration. The project includes design and construction. (1.3 miles)

History, Status, or Impact if Delayed

A delay would make it difficult to assemble the acres of land needed and would hinder the City's efforts to make the Concord Mills area more walkable. This project addresses bicycle, pedestrian, and greenway needs that were identified in the Parks & Recreation Master Plan.

Justification or Link to City Goals

The Hector H. Henry II Greenway Airport Phase is approximately 1.3 miles long, from Derita Road to the Weddington Road Bark Park. The Parks & Recreation Master Plan identifies the Hector H. Henry II Greenway as a priority need in the development of the pedestrian/bicycle trail system. This segment is included as a part of the Carolina Thread Trail and is identified in the OSCA (Open Space Connectivity Analysis), Master Plan, and Land Use Plan.

Section 3 Capital Costs

Activity	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Construction	0	0	0	0	0	3,840,000	3,840,000
Design	0	0	0	225,000	0	380,000	605,000
Total Capital Cost	0	0	0	225,000	0	4,220,000	4,445,000

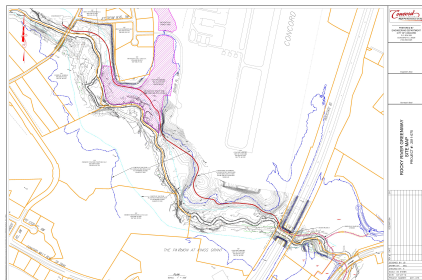
Section 4 New or Additional Impact on Operating Budget

Type of Expenditure	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Total							

Section 5 Method(s) of Financing

Funding Source(s)	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Capital Reserve	0	0	0	225,000	0	4,220,000	4,445,000
Total	0	0	0	225,000	0	4,220,000	4,445,000

Section 6 Maps / Charts / Tables / Pictures **Section 7 Comments for Other Depts.**



Operating Impacts listed on CIP for McEachern Greenway, Hospital Phase.



City of Concord, North Carolina

Fiscal Year 2019-20 through 2023-24 Capital Improvement Plan

Section 1	CIP Title	Development of Gibson Village Park				Budget Unit #	8300		
Budget Unit	P&R - Capital Projects	Functional Area	Parks & Recreation			Priority Rank	19		
Total CIP Cost	Total Appropriations to date	Budget Year 1 FY2019-20	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP	
			Year 2 FY2020-21	Year 3 FY2021-22	Year 4 FY2022-23	Year 5 FY2023-24		<input type="checkbox"/> New	<input type="checkbox"/> Expansion
							<input type="checkbox"/> Replacement	<input checked="" type="checkbox"/> Renovation	
						<input checked="" type="checkbox"/> Land/ROW Acq. Required			
11,077,200	0	0	277,200	1,000,000	400,000	900,000	11,077,200		

Section 2 Description

This project includes the creation of a new "Gibson Village Park" concept. We plan to create a new master plan for Gibson Village Park, which will include existing park facilities and City owned properties (Academy Recreation Center, McInnis Aquatic Center, Historic Webb Field, McAllister Field, Gibson Field, and the properties surrounding Clearwater Artist Studio). The plan will explore alternatives and cost estimates, park amenities, connectivity, and acquisition options. The Comprehensive Parks and Recreation Master Plan identified the need to re-master plan recreation facilities to address amenities, safety, and accessibility. We also plan to re-develop the above properties using the master plan recommendations, and identify connectivity opportunities and new programming for athletics and cultural arts.

History, Status, or Impact if Delayed

The Academy Recreation Center facilities, including Webb Field, McInnis Aquatic Center, McAllister Field, and Gibson Field are dated. All buildings need to be evaluated for renovation, removal, or replacement. This work will serve to make the facilities ADA compliant and improve connectivity within the neighborhood. The City of Concord recently acquired Webb Field, McInnis Aquatic Center, and McAllister Field from the Cabarrus County School System. Webb Field is a historic ball field that has deteriorated, and several of the buildings there and at the other sites should be removed and replaced. There is an opportunity to preserve the proud history of the Webb Field ball field. Outreach to the senior residents of Gibson Village would be one way to start that process. Some residents were there during the "glory days" of Webb Field and may be able to contribute to archiving the history of the place.

Justification or Link to City Goals

We plan to enhance the revitalization of the Gibson Village Neighborhood by creating a signature park close to Downtown that incorporates a new vision of existing facilities into an overall park concept. The Comprehensive Parks & Recreation Master Plan identifies the need to master plan existing facilities and is consistent with Department Goals to operate safe facilities and maintain existing facilities that may be dated. The OSCA (Open Space Connectivity Analysis) addresses connectivity within the City of Concord, and this project will address the bicycle and pedestrian needs in the Gibson Village Community as well as connectivity with recreation facilities to the community, retail, greenways, Clearwater Artist Studio, and proposed a second downtown loop. The amount budgeted for land acquisition represents 4.2 acres @ \$66,000 per acre.

Section 3 Capital Costs

Activity	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Design/Master Plan	0	0	1,000,000	0	0	0	1,000,000
Land Acquisition	0	277,200	0	0	0	0	277,200
Park Construction	0	0	0	400,000	900,000	1,500,000	2,800,000
Recreation Center Construction	0	0	0	0	0	7,000,000	7,000,000
Total Capital Cost	0	277,200	1,000,000	400,000	900,000	8,500,000	11,077,200

Section 4 New or Additional Impact on Operating Budget

Type of Expenditure	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
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Total

Section 5 Method(s) of Financing

Funding Source(s)	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Capital Reserve	0	277,200	1,000,000	400,000	900,000	8,500,000	11,077,200
Total	0	277,200	1,000,000	400,000	900,000	8,500,000	11,077,200

Section 6 Maps / Charts / Tables / Pictures **Section 7 Comments for Other Depts.**



City of Concord, North Carolina

Fiscal Year 2019-20 through 2023-24 Capital Improvement Plan

Section 1	CIP Title	Development of a North/Central Neighborhood Park				Budget Unit #	8300		
Budget Unit	P&R - Capital Projects	Functional Area	Parks & Recreation			Priority Rank	20		
Total CIP Cost	Total Appropriations to date	Budget Year 1 FY2019-20	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP	
			Year 2 FY2020-21	Year 3 FY2021-22	Year 4 FY2022-23	Year 5 FY2023-24		<input checked="" type="checkbox"/> New	<input type="checkbox"/> Expansion
			<input type="checkbox"/> Replacement	<input type="checkbox"/> Renovation			<input checked="" type="checkbox"/> Land/ROW Acq. Required		
3,190,000	0	0	1,320,000	0	0	0	3,190,000		

Section 2 Description

This project consists of developing a small Neighborhood park south of Highway 73 and west of Highway 29 and 601. The need for a Neighborhood Park was identified in the Comprehensive Parks and Recreation Master Plan. This includes acquisition of property(s), design, and construction. The amount budgeted for land acquisition represents 20 acres @ \$66,000 per acre.

History, Status, or Impact if Delayed

The Parks & Recreation Master Plan identifies the North/Central area of Concord for a Neighborhood Park. We are continuing to search and identify land to acquire (20 acres). A delay would make it difficult to assemble the acres of land needed for these facilities.

Justification or Link to City Goals

The Parks & Recreation Comprehensive Master Plan identifies the need to acquire land for the development of a Neighborhood Park to address the recreation needs in the North/Central area of Concord. These facilities would address the Department's programming and growth needs in this area.

Section 3 Capital Costs

Activity	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Construction	0	0	0	0	0	1,700,000	1,700,000
Design	0	0	0	0	0	170,000	170,000
Land Acquisition	0	1,320,000	0	0	0	0	1,320,000
Total Capital Cost	0	1,320,000	0	0	0	1,870,000	3,190,000

Section 4 New or Additional Impact on Operating Budget

Type of Expenditure	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Total							

Section 5 Method(s) of Financing

Funding Source(s)	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Capital Reserve	0	1,320,000	0	0	0	1,870,000	3,190,000
Total	0	1,320,000	0	0	0	1,870,000	3,190,000

Section 6 Maps / Charts / Tables / Pictures **Section 7** Comments for Other Depts.



City of Concord, North Carolina

Fiscal Year 2019-20 through 2023-24 Capital Improvement Plan

Section 1	CIP Title	Development of Recreation and Aquatic Center, Central Area				Budget Unit #	8300	
Budget Unit	P&R - Capital Projects	Functional Area	Parks & Recreation			Priority Rank	21	
Total CIP Cost	Total Appropriations to date	Budget Year 1 FY2019-20	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP
			Year 2 FY2020-21	Year 3 FY2021-22	Year 4 FY2022-23	Year 5 FY2023-24		
21,270,600	0	0	660,000	0	0	2,160,000	21,270,600	

<input checked="" type="checkbox"/>	New	<input type="checkbox"/>	Expansion
<input type="checkbox"/>	Replacement	<input type="checkbox"/>	Renovation
<input checked="" type="checkbox"/>	Land/ROW Acq. Required		

Section 2 Description

This project is to develop a new recreation and aquatic center in the geographic center of the City of Concord (near the intersection of Weddington Road and George Liles Parkway) to address needs identified in the Comprehensive Parks & Recreation Master Plan. This project includes land acquisition, construction and design. The findings of a proposed Recreation Center Study will be used to determine the needs, size, programming opportunities and amenities.

History, Status, or Impact if Delayed

The Parks and Recreation Department will continue to search for and identify land. A delay could make it increasingly difficult to assemble the acres of land needed for the center and/or parks.

Justification or Link to City Goals

The Comprehensive Parks & Recreation Master Plan identifies the need for an additional aquatic center, expanded aquatic programming, and a separate splash pad as a priority need. An aquatic center could serve local schools and programming in the Central area of the City in Concord. The amount budgeted for land acquisition represents 10 acres @ \$66,000 per acre.

Section 3 Capital Costs

Activity	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Design	0	0	0	0	2,160,000	0	2,160,000
Expand or New Construction	0	0	0	0	0	18,000,000	18,000,000
Land Acquisition	0	660,000	0	0	0	0	660,000
Total Capital Cost	0	660,000	0	0	2,160,000	18,000,000	20,820,000

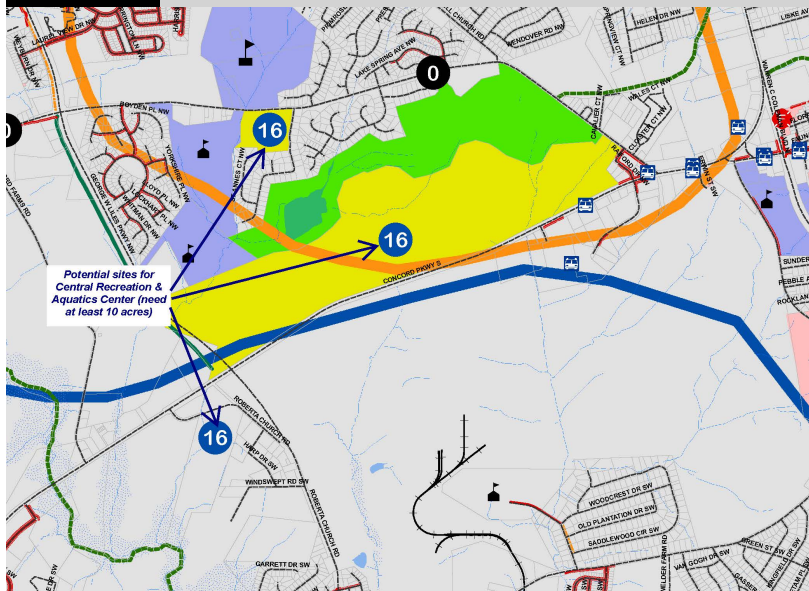
Section 4 New or Additional Impact on Operating Budget

Type of Expenditure	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
P&R Staff	0	0	0	0	0	450,600	450,600
Total	0	0	0	0	0	450,600	450,600

Section 5 Method(s) of Financing

Funding Source(s)	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Capital Reserve	0	660,000	0	0	2,160,000	18,000,000	20,820,000
Operating Revenues	0	0	0	0	0	450,600	450,600
Total	0	660,000	0	0	2,160,000	18,450,600	21,270,600

Section 6 Maps / Charts / Tables / Pictures **Section 7 Comments for Other Depts.**



City of Concord, North Carolina

Fiscal Year 2019-20 through 2023-24 Capital Improvement Plan

Section 1	CIP Title	Frank Liske Park Development					Budget Unit #	8300
Budget Unit	P&R - Capital Projects		Functional Area	Parks & Recreation			Priority Rank	22
Total CIP Cost	Total Appropriations to date	Budget Year 1 FY2019-20	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP
			Year 2 FY2020-21	Year 3 FY2021-22	Year 4 FY2022-23	Year 5 FY2023-24		
6,773,500	0	0	0	173,500	0	600,000	6,773,500	

<input checked="" type="checkbox"/>	New	<input type="checkbox"/>	Expansion
<input type="checkbox"/>	Replacement	<input type="checkbox"/>	Renovation
<input checked="" type="checkbox"/>	Land/ROW Acq. Required		

Section 2 Description

This is an alternate option for park land identified in the Comprehensive Master Plan in the South area of the City of Concord (south of Highway 29 and west of Zion Church Road). We would lease and develop state-owned land adjacent to Stonewall Jackson Training School and Frank Liske Park, We would also explore options with Cabarrus County and State of North Carolina on property restrictions, joint use agreements, and what amenities can be developed. This project would develop this property as a City park.

History, Status, or Impact if Delayed

The Parks and Recreation Department will continue to search and identify land as recommended in the Comprehensive Master Plan.

Justification or Link to City Goals

This is a cost-effective alternate option to address the South/Central park needs identified in the Comprehensive Master Plan. This property could possibly be leased from the State of North Carolina. This should be considered as an alternative to WW Flowe Park, Phase II. The amount budgeted for land acquisition represents an access off Green Street 3.47 acres @ \$50,000 per acre.

Section 3 Capital Costs

Activity	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Construction	0	0	0	0	0	6,000,000	6,000,000
Design	0	0	0	0	600,000	0	600,000
Land Acquisition	0	0	173,500	0	0	0	173,500
Total Capital Cost	0	0	173,500	0	600,000	6,000,000	6,773,500

Section 4 New or Additional Impact on Operating Budget

Type of Expenditure	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Total							

Section 5 Method(s) of Financing

Funding Source(s)	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Capital Reserve	0	0	173,500	0	600,000	6,000,000	6,773,500
Total	0	0	173,500	0	600,000	6,000,000	6,773,500

Section 6 Maps / Charts / Tables / Pictures **Section 7 Comments for Other Depts.**



City of Concord, North Carolina

Fiscal Year 2019-20 through 2023-24 Capital Improvement Plan

Section 1	CIP Title	Development of a Recreation Center Southeast/South				Budget Unit #	8300	
Budget Unit	P&R - Capital Projects	Functional Area	Parks & Recreation			Priority Rank	23	
Total CIP Cost	Total Appropriations to date	Budget Year 1 FY2019-20	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP
			Year 2 FY2020-21	Year 3 FY2021-22	Year 4 FY2022-23	Year 5 FY2023-24		
7,204,266	0	0	0	330,000	0	720,000	7,204,266	

<input checked="" type="checkbox"/>	New	<input type="checkbox"/>	Expansion
<input type="checkbox"/>	Replacement	<input type="checkbox"/>	Renovation
<input checked="" type="checkbox"/>	Land/ROW Acq. Required		

Section 2 Description

This project is to develop a new recreation center in the Southeast/South area (South of Hwy 29 and west of Hwy 601) in the City of Concord to address needs identified in the Comprehensive Parks & Recreation Master Plan. This project includes land acquisition, construction, and design. The findings of a proposed Recreation Center Study will be used to determine the needs, size, space, and the amenities. The amount budgeted for land acquisition represents 5 acres @ \$66,000 per acre.

History, Status, or Impact if Delayed

The Parks and Recreation Department will continue to search and identify land. A delay could make it increasingly difficult to assemble the acres of land needed for the recreation center.

Justification or Link to City Goals

The Comprehensive Parks & Recreation Master Plan identifies the need for the department to provide indoor programming and athletic space in southeast/south area of the City of Concord. Such a facility would address the Department's programming/growth needs in this area.

Section 3 Capital Costs

Activity	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Construction	0	0	0	0	0	6,000,000	6,000,000
Design	0	0	0	0	720,000	0	720,000
Land Acquisiton	0	0	330,000	0	0	0	330,000
Total Capital Cost	0	0	330,000	0	720,000	6,000,000	7,050,000

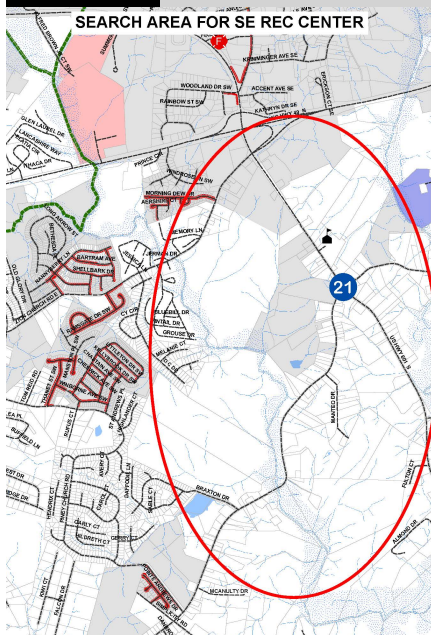
Section 4 New or Additional Impact on Operating Budget

Type of Expenditure	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
P&R Staff	0	0	0	0	0	154,266	154,266
Total	0	0	0	0	0	154,266	154,266

Section 5 Method(s) of Financing

Funding Source(s)	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Capital Reserve	0	0	330,000	0	720,000	6,000,000	7,050,000
Operating Revenues	0	0	0	0	0	154,266	154,266
Total	0	0	330,000	0	720,000	6,154,266	7,204,266

Section 6 Maps / Charts / Tables / Pictures **Section 7 Comments for Other Depts.**



City of Concord, North Carolina

Fiscal Year 2019-20 through 2023-24 Capital Improvement Plan

Section 1	CIP Title	Develop Hector Henry Greenway, Golf Course/Speedway Phase Development				Budget Unit #	8300		
Budget Unit	P&R - Capital Projects	Functional Area	Parks & Recreation			Priority Rank	24		
Total CIP Cost	Total Appropriations to date	Budget Year 1 FY2019-20	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP	
			Year 2 FY2020-21	Year 3 FY2021-22	Year 4 FY2022-23	Year 5 FY2023-24		<input checked="" type="checkbox"/> New	<input type="checkbox"/> Expansion
							<input type="checkbox"/> Replacement	<input type="checkbox"/> Renovation	
							<input checked="" type="checkbox"/> Land/ROW Acq. Required		
4,200,000	0	0	0	60,000	540,000	0	4,200,000		

Section 2 Description

This project is for the design and construction of the Hector Henry Greenway, Golf Course/Speedway Phase. This phase will expand from Riverwalk to the Highway 29 bridge utilizing Golf Course property and the trail easement on SMI property. We plan to partner with SMI to include a trail head parking lot near the bridge. The project addresses bicycle, pedestrian, and greenway needs that were identified in the Parks & Recreation Master Plan. This project would involve acquisition, design, and construction of the greenway. The amount budgeted for land acquisition represents 1 mile @ \$60,000 per mile.

History, Status, or Impact if Delayed

The Hector Henry Greenway, Golf Course/Speedway Phase is approximately 2.0 miles long, from the end of the Riverwalk Phase to Highway 29.

Justification or Link to City Goals

The Comprehensive Parks & Recreation Master Plan, Council Goals and Open Space Connectivity Analysis identifies Hector Henry Greenway as a priority greenway. Continuing its development will address the pedestrian and bicycle needs identified in the Master Plan. The Rocky River Corridor is a significant segment of the Carolina Thread Trail. The greenway will also create connectivity to Kannapolis, Davidson, Local Schools, Concord Mills, Weddington Road Bark Park, Rocky River Golf Course, Charlotte Motor Speedway, and Harrisburg. There are approximately 4,777 households (between 7,500 and 14,500 persons) within a half-mile, or walking distance, of the trail system.

Section 3 Capital Costs

Activity	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Construction	0	0	0	0	0	3,600,000	3,600,000
Design	0	0	0	540,000	0	0	540,000
Land Acquisition	0	0	60,000	0	0	0	60,000
Total Capital Cost	0	0	60,000	540,000	0	3,600,000	4,200,000

Section 4 New or Additional Impact on Operating Budget

Type of Expenditure	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Total							

Section 5 Method(s) of Financing

Funding Source(s)	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Transfer from General Fund	0	0	60,000	540,000	0	3,600,000	4,200,000
Total	0	0	60,000	540,000	0	3,600,000	4,200,000

Section 6 Maps / Charts / Tables / Pictures **Section 7 Comments for Other Depts.**



City of Concord, North Carolina

Fiscal Year 2019-20 through 2023-24 Capital Improvement Plan

Section 1	CIP Title	Les Myers Park Improvements				Budget Unit #	8300		
Budget Unit	P&R - Capital Projects	Functional Area	Parks & Recreation			Priority Rank	25		
Total CIP Cost	Total Appropriations to date	Budget Year 1 FY2019-20	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP	
			Year 2 FY2020-21	Year 3 FY2021-22	Year 4 FY2022-23	Year 5 FY2023-24		<input type="checkbox"/> New	<input type="checkbox"/> Expansion
							<input type="checkbox"/> Replacement	<input checked="" type="checkbox"/> Renovation	
							<input type="checkbox"/> Land/ROW Acq. Required		
2,250,000	0	0	0	250,000	0	0	2,250,000		

Section 2 Description

This project consists of re-developing Les Myers Park according to the master plan to be completed in FY22 and in compliance with the findings of the landfill mitigation study. It will also consider the recommendations in the master plan for improvements to the existing park. The master plan will identify the need for repairs/expansion or relocation of existing amenities, accessibility, and safety. (Amenities at Les Myers Park include tennis courts, shelters, athletic fields or playgrounds, dog park, community room, amphitheater, and a greenway connection).

History, Status, or Impact if Delayed

Les Myers Park is considered a heavily used park. Currently, the 8 court tennis complex is used by the local schools for tennis matches and our tennis program. It is the location for trail head parking for the McEachern Greenway. Our Summer Playground camp program uses the community building during the summer. The community building, shelters, and athletic field are used by the community for reservations. It is also the location for our "Dogs Day Out" special event. Updating this park is consistent with our Department Goals to operate safe facilities and maintain existing facilities.

Justification or Link to City Goals

The Comprehensive Parks and Recreation Master Plan identified the need to re-master plan Les Myers Park. We plan to explore opportunities for this neighborhood park for programming, cultural arts, and athletics with the existing tennis complex, baseball field, and greenway trail head parking.

Section 3 Capital Costs

Activity	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Construction existing/new	0	0	0	0	0	2,000,000	2,000,000
Design	0	0	250,000	0	0	0	250,000
Total Capital Cost	0	0	250,000	0	0	2,000,000	2,250,000

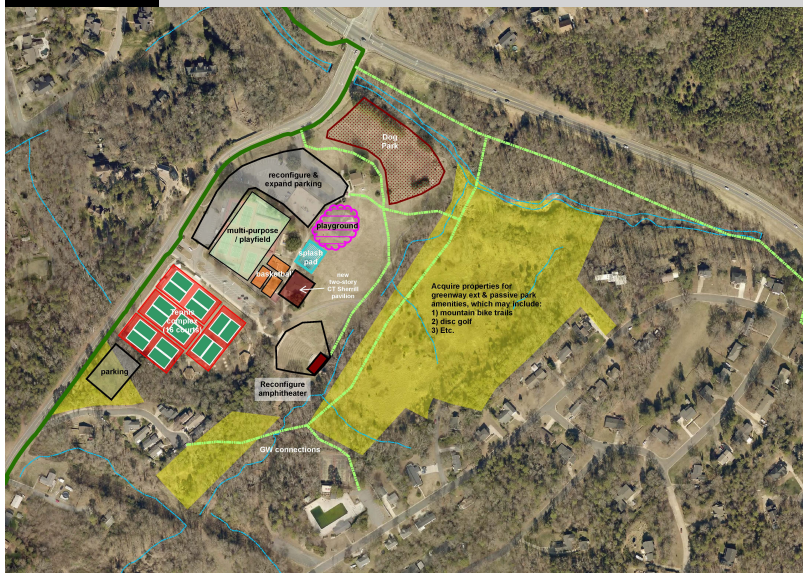
Section 4 New or Additional Impact on Operating Budget

Type of Expenditure	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Total							

Section 5 Method(s) of Financing

Funding Source(s)	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Capital Reserve	0	0	250,000	0	0	2,000,000	2,250,000
Total	0	0	250,000	0	0	2,000,000	2,250,000

Section 6 Maps / Charts / Tables / Pictures **Section 7 Comments for Other Depts.**



City of Concord, North Carolina

Fiscal Year 2019-20 through 2023-24 Capital Improvement Plan

Section 1	CIP Title	Hartsell Park Improvements					Budget Unit #	8300
Budget Unit	P&R - Capital Projects	Functional Area	Parks & Recreation				Priority Rank	26
Total CIP Cost	Total Appropriations to date	Budget Year 1 FY2019-20	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP
			Year 2 FY2020-21	Year 3 FY2021-22	Year 4 FY2022-23	Year 5 FY2023-24		<input type="checkbox"/> New <input type="checkbox"/> Replacement <input checked="" type="checkbox"/> Land/ROW Acq. Required <input type="checkbox"/> Expansion <input checked="" type="checkbox"/> Renovation
1,389,400	0	0	0	0	0	389,400	1,389,400	

Section 2 Description

This project re-develops Hartsell Park in the Silver Hill Community. The connectivity and accessibility between Hartsell Park and the Hartsell Recreation Center will also be addressed within this project. We plan to re-develop Hartsell Park according to the recommendations of a master plan, and the amount budgeted for land acquisition represents 5.51 acres @ \$50,000 per acre and 0.24 miles @ \$60,000 per mile.

History, Status, or Impact if Delayed

This is consistent with Department Goals to operate safe facilities and maintain existing facilities that may be dated.

Justification or Link to City Goals

The Comprehensive Parks and Recreation Master Plan identified the need to remaster plan Hartsell Park to address safety, accessibility and amenities.

Section 3 Capital Costs

Activity	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Construction	0	0	0	0	0	1,000,000	1,000,000
Design	0	0	0	0	100,000	0	100,000
Land Acquisition	0	0	0	0	289,400	0	289,400
Total Capital Cost	0	0	0	0	389,400	1,000,000	1,389,400

Section 4 New or Additional Impact on Operating Budget

Type of Expenditure	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Total							

Section 5 Method(s) of Financing

Funding Source(s)	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Capital Reserve	0	0	0	0	389,400	1,000,000	1,389,400
Total	0	0	0	0	389,400	1,000,000	1,389,400

Section 6 Maps / Charts / Tables / Pictures **Section 7 Comments for Other Depts.**



Section 7 Comments for Other Depts.

City of Concord, North Carolina

Fiscal Year 2019-20 through 2023-24 Capital Improvement Plan

Section 1	CIP Title	Develop Lake Fisher				Budget Unit #	8300		
Budget Unit	P&R - Capital Projects		Functional Area	Parks & Recreation		Priority Rank	27		
Total CIP Cost	Total Appropriations to date	Budget Year 1 FY2019-20	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP	
			Year 2 FY2020-21	Year 3 FY2021-22	Year 4 FY2022-23	Year 5 FY2023-24		<input type="checkbox"/> New	<input type="checkbox"/> Expansion
							<input type="checkbox"/> Replacement	<input checked="" type="checkbox"/> Renovation	
			<input type="checkbox"/> Land/ROW Acq. Required						
395,000	0	0	0	0	0	220,000	395,000		

Section 2 Description

This project consists of developing Lake Fisher as a recreation facility, allowing additional recreation activities. The Parks and Recreation department plans to work with Water Resources to ensure compliance with regulations and develop a master plan for expanding facility and programming opportunities. Amenities that may included in this project are a new dock, kayaks, and non-motorized watercraft, and nature trails.

History, Status, or Impact if Delayed

Lake Fisher is a North Carolina water shed and provides water to the City of Concord citizens. The Lake Fisher boat rental program is the only fishing program offered to the community through Parks and Recreation.

Justification or Link to City Goals

The Comprehensive Parks and Recreation Master Plan identifies Lake Fisher as a recreation opportunity to explore.

Section 3 Capital Costs

Activity	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Construction	0	0	0	0	175,000	175,000	350,000
Design	0	0	0	0	45,000	0	45,000
Total Capital Cost	0	0	0	0	220,000	175,000	395,000

Section 4 New or Additional Impact on Operating Budget

Type of Expenditure	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
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Total

Section 5 Method(s) of Financing

Funding Source(s)	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Capital Reserve	0	0	0	0	220,000	175,000	395,000
Total	0	0	0	0	220,000	175,000	395,000

Section 6 Maps / Charts / Tables / Pictures **Section 7** Comments for Other Depts.



City of Concord, North Carolina

Fiscal Year 2019-20 through 2023-24 Capital Improvement Plan

Section 1	CIP Title	Beverly Hills Park Improvements					Budget Unit #	8300
Budget Unit	P&R - Capital Projects	Functional Area	Parks & Recreation				Priority Rank	28
Total CIP Cost	Total Appropriations to date	Budget Year 1 FY2019-20	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP
			Year 2 FY2020-21	Year 3 FY2021-22	Year 4 FY2022-23	Year 5 FY2023-24		<input type="checkbox"/> New <input type="checkbox"/> Replacement <input type="checkbox"/> Land/ROW Acq. Required <input type="checkbox"/> Expansion <input checked="" type="checkbox"/> Renovation
220,000	0	0	0	0	0	20,000	220,000	

Section 2 **Description**

This project re-master plans Beverly Hills Park. It also considers the recommendations in the master plan for improvements to this existing park.

History, Status, or Impact if Delayed

This is consistent with Department Goals to operate safe facilities and maintain existing facilities that may be dated.

Justification or Link to City Goals

The Comprehensive Parks and Recreation Master Plan identified the need to re-master plan Beverly Hills Park to identify minor improvements to address new amenities, safety, and accessibility. We want to explore opportunities for this neighborhood park for programming, cultural arts, and athletics with the existing tennis court.

Section 3 **Capital Costs**

Activity	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Construction	0	0	0	0	0	200,000	200,000
Design	0	0	0	0	20,000	0	20,000
Total Capital Cost	0	0	0	0	20,000	200,000	220,000

Section 4 **New or Additional Impact on Operating Budget**

Type of Expenditure	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Total							

Section 5 **Method(s) of Financing**

Funding Source(s)	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Capital Reserve	0	0	0	0	20,000	200,000	220,000
Total	0	0	0	0	20,000	200,000	220,000

Section 6 **Section 7**

Maps / Charts / Tables / Pictures

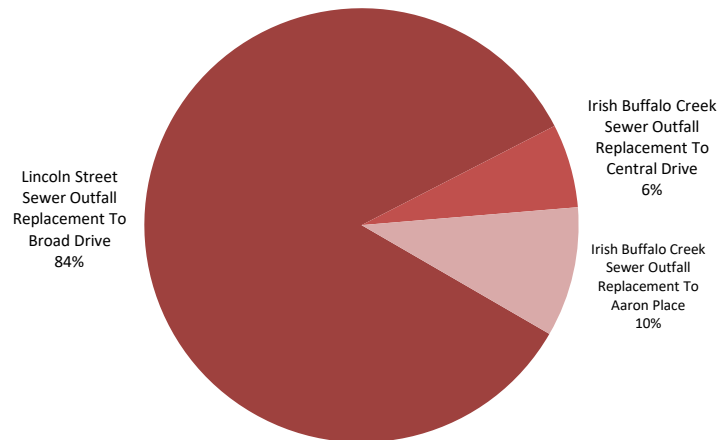
Comments for Other Depts.

Fund 421 : Wastewater Capital Projects

Wastewater Capital Projects Fund serves as the fund for Wastewater capital projects. This fund is comprised of Wastewater Projects, Quailhaven, and Irish Buffalo/GA Outfall budget units.

	2019-2020 Approved	2020-2021 Planning Yr.	2021-2022 Planning Yr.	2022-2023 Planning Yr.	2023-2024 Planning Yr.	Future Planning Yr.
Expenses By Project						
Lincoln Street Sewer Outfall Replacement To Broad Drive	\$ 1,348,000	\$ -	\$ -	\$ -	\$ -	\$ -
Irish Buffalo Creek Sewer Outfall Replacement To Central Drive	\$ 100,000	\$ 340,000	\$ -	\$ -	\$ -	\$ -
Irish Buffalo Creek Sewer Outfall Replacement To Aaron Place	\$ 155,000	\$ 654,000	\$ -	\$ -	\$ -	\$ -
Irish Buffalo Creek Sewer Outfall Replacement To Bost Avenue	\$ -	\$ 205,000	\$ 753,000	\$ -	\$ -	\$ -
Three Mile Branch Sewer Outfall Replacement To Shamrock Street	\$ -	\$ 225,000	\$ 923,000	\$ 753,000	\$ -	\$ -
Cold Water Creek Tributary Outfall To NC Highway 49	\$ -	\$ -	\$ 1,535,000	\$ 6,930,000	\$ -	\$ -
Coddle Creek Tributary Outfall To Sunberry Lane	\$ -	\$ -	\$ 675,000	\$ 2,860,000	\$ -	\$ -
Coddle Creek Tributary Outfall Extension From US Highway 29 To Rock Hill Church Road	\$ -	\$ -	\$ -	\$ -	\$ 1,667,000	\$ -
Coddle Creek Tributary Outfall Extension To Westridge Lane	\$ -	\$ -	\$ -	\$ -	\$ 3,675,000	\$ -
Total	\$ 1,603,000	\$ 1,424,000	\$ 3,886,000	\$ 10,543,000	\$ 5,342,000	\$ -

FY 2020 Wastewater Projects



	2019-2020 Approved	2020-2021 Planning Yr.	2021-2022 Planning Yr.	2022-2023 Planning Yr.	2023-2024 Planning Yr.	Future Planning Yr.
Revenues by Funding Source						
Capacity Fees	\$ 1,603,000	\$ 994,000	\$ -	\$ -	\$ -	\$ -
Transfer from Sewer	\$ -	\$ 430,000	\$ 3,886,000	\$ 9,790,000	\$ 5,342,000	\$ -
Total	\$ 1,603,000	\$ 1,424,000	\$ 3,886,000	\$ 9,790,000	\$ 5,342,000	\$ -

City of Concord, North Carolina

Fiscal Year 2019-20 through 2023-24 Capital Improvement Plan

Section 1	CIP Title Lincoln Street Sewer Outfall Replacement To Broad Drive					Budget Unit # 8402		
Budget Unit	Wastewater Projects		Functional Area Wastewater		Priority Rank 1			
Total CIP Cost	Total Appropriations to date	Budget Year 1 FY2019-20	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP
			Year 2 FY2020-21	Year 3 FY2021-22	Year 4 FY2022-23	Year 5 FY2023-24		<input type="checkbox"/> New <input checked="" type="checkbox"/> Replacement <input type="checkbox"/> Land/ROW Acq. Required <input type="checkbox"/> Expansion <input type="checkbox"/> Renovation
1,713,000	365,000	1,348,000	0	0	0	0	1,348,000	

Section 2 Description

This project will include the replacement of approximately 3,170' of existing 8" and 10" diameter gravity sewer line along Lincoln Street with a 15" diameter gravity sewer line.

History, Status, or Impact if Delayed

Justification or Link to City Goals

The proposed increase in size of this existing gravity sewer outfall line is called for in the recently completed Sewer Master Plan and will provide additional sewer line capacity to accommodate for existing wet weather flows and possible future upstream customers within the drainage basin.

Section 3								Capital Costs	
Activity	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total		
Construction	1,348,000	0	0	0	0	0	1,348,000		
Total Capital Cost	1,348,000	0	0	0	0	0	1,348,000		

Section 4								New or Additional Impact on Operating Budget	
Type of Expenditure	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total		
Total									

Section 5								Method(s) of Financing	
Funding Source(s)	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total		
Capacity Fees	1,348,000	0	0	0	0	0	1,348,000		
Total	1,348,000	0	0	0	0	0	1,348,000		

Section 6	Maps / Charts / Tables / Pictures	Section 7	Comments for Other Depts.
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City of Concord, North Carolina

Fiscal Year 2019-20 through 2023-24 Capital Improvement Plan

Section 1	CIP Title	Irish Buffalo Creek Sewer Outfall Replacement To Central Drive					Budget Unit #	8402
Budget Unit	Wastewater Projects	Functional Area	Wastewater				Priority Rank	2
Total CIP Cost	Total Appropriations to date	Budget Year 1 FY2019-20	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP
			Year 2 FY2020-21	Year 3 FY2021-22	Year 4 FY2022-23	Year 5 FY2023-24		<input type="checkbox"/> New <input checked="" type="checkbox"/> Replacement <input checked="" type="checkbox"/> Land/ROW Acq. Required <input type="checkbox"/> Expansion <input type="checkbox"/> Renovation
440,000	0	100,000	340,000	0	0	0	440,000	

Section 2 Description

This project will include the replacement of approximately 870' of existing 8" diameter gravity sewer line that is tributary to Irish Buffalo Creek with a 12" diameter gravity sewer line to Central Drive.

History, Status, or Impact if Delayed

Justification or Link to City Goals

The proposed increase in size of this existing gravity sewer outfall line is called for in the recently completed Sewer Master Plan and will provide additional sewer line capacity to accommodate for existing wet weather flows and possible future upstream customers within the drainage basin.

Section 3 Capital Costs

Activity	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Construction	0	340,000	0	0	0	0	340,000
Design & ROW	100,000	0	0	0	0	0	100,000
Total Capital Cost	100,000	340,000	0	0	0	0	440,000

Section 4 New or Additional Impact on Operating Budget

Type of Expenditure	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
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Total

Section 5 Method(s) of Financing

Funding Source(s)	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Capacity Fees	100,000	340,000	0	0	0	0	440,000
Total	100,000	340,000	0	0	0	0	440,000

Section 6 Maps / Charts / Tables / Pictures **Section 7** Comments for Other Depts.

City of Concord, North Carolina

Fiscal Year 2019-20 through 2023-24 Capital Improvement Plan

Section 1	CIP Title	Irish Buffalo Creek Sewer Outfall Replacement To Aaron Place					Budget Unit #	8402
Budget Unit	Wastewater Projects	Functional Area	Wastewater				Priority Rank	3
Total CIP Cost	Total Appropriations to date	Budget Year 1 FY2019-20	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP
			Year 2 FY2020-21	Year 3 FY2021-22	Year 4 FY2022-23	Year 5 FY2023-24		<input type="checkbox"/> New <input checked="" type="checkbox"/> Replacement <input checked="" type="checkbox"/> Land/ROW Acq. Required <input type="checkbox"/> Expansion <input type="checkbox"/> Renovation
809,000	0	155,000	654,000	0	0	0	809,000	

Section 2 Description

This project will include the replacement of approximately 1,090' of existing 15" diameter gravity sewer line that is tributary to Irish Buffalo Creek with a 18" diameter gravity sewer line to Aaron Place.

History, Status, or Impact if Delayed

Justification or Link to City Goals

The proposed increase in size of this existing gravity sewer outfall line is called for in the recently completed Sewer Master Plan and will provide additional sewer line capacity to accommodate for existing wet weather flows and possible future upstream customers within the drainage basin.

Section 3 Capital Costs

Activity	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Construction	0	654,000	0	0	0	0	654,000
Design & ROW	155,000	0	0	0	0	0	155,000
Total Capital Cost	155,000	654,000	0	0	0	0	809,000

Section 4 New or Additional Impact on Operating Budget

Type of Expenditure	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
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Total

Section 5 Method(s) of Financing

Funding Source(s)	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Capacity Fees	155,000	654,000	0	0	0	0	809,000
Total	155,000	654,000	0	0	0	0	809,000

Section 6 Maps / Charts / Tables / Pictures **Section 7** Comments for Other Depts.

City of Concord, North Carolina

Fiscal Year 2019-20 through 2023-24 Capital Improvement Plan

Section 1	CIP Title	Irish Buffalo Creek Sewer Outfall Replacement To Bost Avenue					Budget Unit #	8402
Budget Unit	Wastewater Projects	Functional Area	Wastewater				Priority Rank	4
Total CIP Cost	Total Appropriations to date	Budget Year 1 FY2019-20	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP
			Year 2 FY2020-21	Year 3 FY2021-22	Year 4 FY2022-23	Year 5 FY2023-24		<input type="checkbox"/> New <input checked="" type="checkbox"/> Replacement <input checked="" type="checkbox"/> Land/ROW Acq. Required <input type="checkbox"/> Expansion <input type="checkbox"/> Renovation
958,000	0	0	205,000	753,000	0	0	958,000	

Section 2 Description

This project will include the replacement of approximately 1,780' of existing 10" diameter gravity sewer line that is tributary to Irish Buffalo Creek with a 12" diameter gravity sewer line to Bost Avenue.

History, Status, or Impact if Delayed

Justification or Link to City Goals

The proposed increase in size of this existing gravity sewer outfall line is called for in the recently completed Sewer Master Plan and will provide additional sewer line capacity to accommodate for existing wet weather flows and possible future upstream customers within the drainage basin.

Section 3 Capital Costs

Activity	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Construction	0	0	753,000	0	0	0	753,000
Design & ROW	0	205,000	0	0	0	0	205,000
Total Capital Cost	0	205,000	753,000	0	0	0	958,000

Section 4 New or Additional Impact on Operating Budget

Type of Expenditure	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
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Total

Section 5 Method(s) of Financing

Funding Source(s)	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Transfer From Sewer	0	205,000	753,000	0	0	0	958,000
Total	0	205,000	753,000	0	0	0	958,000

Section 6 Maps / Charts / Tables / Pictures **Section 7** Comments for Other Depts.

City of Concord, North Carolina

Fiscal Year 2019-20 through 2023-24 Capital Improvement Plan

Section 1	CIP Title	Three Mile Branch Sewer Outfall Replacement To Shamrock Street					Budget Unit #	8402
Budget Unit	Wastewater Projects	Functional Area	Wastewater				Priority Rank	5
Total CIP Cost	Total Appropriations to date	Budget Year 1 FY2019-20	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP
			Year 2 FY2020-21	Year 3 FY2021-22	Year 4 FY2022-23	Year 5 FY2023-24		<input type="checkbox"/> New <input checked="" type="checkbox"/> Replacement <input checked="" type="checkbox"/> Land/ROW Acq. Required <input type="checkbox"/> Expansion <input type="checkbox"/> Renovation
1,148,000	0	0	225,000	923,000	0	0	1,148,000	

Section 2 Description

This project will include the replacement of approximately 1,670' of existing 10" diameter gravity sewer line that is tributary to Three Mile Branch with a 15" diameter gravity sewer line to Shamrock Street.

History, Status, or Impact if Delayed

Justification or Link to City Goals

The proposed increase in size of this existing gravity sewer outfall line is called for in the recently completed Sewer Master Plan and will provide additional sewer line capacity to accommodate for existing wet weather flows and possible future upstream customers within the drainage basin.

Section 3 Capital Costs

Activity	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Construction	0	0	923,000	0	0	0	923,000
Design & ROW	0	225,000	0	0	0	0	225,000
Total Capital Cost	0	225,000	923,000	0	0	0	1,148,000

Section 4 New or Additional Impact on Operating Budget

Type of Expenditure	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
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Total

Section 5 Method(s) of Financing

Funding Source(s)	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Transfer From Sewer	0	225,000	923,000	0	0	0	1,148,000
Total	0	225,000	923,000	0	0	0	1,148,000

Section 6 Maps / Charts / Tables / Pictures **Section 7** Comments for Other Depts.

City of Concord, North Carolina

Fiscal Year 2019-20 through 2023-24 Capital Improvement Plan

Section 1	CIP Title	Cold Water Creek Tributary Outfall To NC Highway 49					Budget Unit #	8402
Budget Unit	Wastewater Projects	Functional Area	Wastewater				Priority Rank	6
Total CIP Cost	Total Appropriations to date	Budget Year 1 FY2019-20	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP
			Year 2 FY2020-21	Year 3 FY2021-22	Year 4 FY2022-23	Year 5 FY2023-24		<input checked="" type="checkbox"/> New <input type="checkbox"/> Replacement <input checked="" type="checkbox"/> Land/ROW Acq. Required <input type="checkbox"/> Expansion <input type="checkbox"/> Renovation
8,465,000	0	0	0	1,535,000	6,930,000	0	8,465,000	

Section 2 **Description**

This project will include the installation of approximately 9,900' of 18" diameter gravity sewer line that will be tributary to Cold Water Creek and will be extended to NC Highway 49 in order to abandon the existing Raccoon Hollow Pump Station.

History, Status, or Impact if Delayed

Justification or Link to City Goals

The proposed gravity sewer outfall line is called for in the recently completed Sewer Master Plan and will provide sewer service to future anticipated development within the drainage basin. As previously noted in the Description Section, this gravity sewer outfall line will be extended to NC Highway 49 in order to abandon the existing Raccoon Hollow Pump Station.

Section 3 **Capital Costs**

Activity	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Construction	0	0	0	6,930,000	0	0	6,930,000
Design & ROW	0	0	1,535,000	0	0	0	1,535,000
Total Capital Cost	0	0	1,535,000	6,930,000	0	0	8,465,000

Section 4 **New or Additional Impact on Operating Budget**

Type of Expenditure	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Total							

Section 5 **Method(s) of Financing**

Funding Source(s)	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Transfer From Sewer	0	0	1,535,000	6,930,000	0	0	8,465,000
Total	0	0	1,535,000	6,930,000	0	0	8,465,000

Section 6 **Section 7**

Maps / Charts / Tables / Pictures Comments for Other Depts.

City of Concord, North Carolina

Fiscal Year 2019-20 through 2023-24 Capital Improvement Plan

Section 1	CIP Title	Coddle Creek Tributary Outfall To Sunberry Lane					Budget Unit #	8402
Budget Unit	Wastewater Projects	Functional Area	Wastewater				Priority Rank	7
Total CIP Cost	Total Appropriations to date	Budget Year 1 FY2019-20	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP
			Year 2 FY2020-21	Year 3 FY2021-22	Year 4 FY2022-23	Year 5 FY2023-24		<input checked="" type="checkbox"/> New <input type="checkbox"/> Replacement <input checked="" type="checkbox"/> Land/ROW Acq. Required <input type="checkbox"/> Expansion <input type="checkbox"/> Renovation
3,535,000	0	0	0	675,000	2,860,000	0	3,535,000	

Section 2 Description

This project will include the installation of approximately 4,900' of 15" diameter gravity sewer line that will be tributary to Coddle Creek and will be extended to Sunberry Lane in order to abandon the existing Province Green and Laurel Park Pump Stations.

History, Status, or Impact if Delayed

Justification or Link to City Goals

The proposed gravity sewer outfall line is called for in the recently completed Sewer Master Plan and will provide sewer service to future anticipated development within the drainage basin. As previously noted in the Description Section, this gravity sewer outfall line will be extended to Sunberry Lane in order to abandon the existing Province Green and Laurel Park Pump Stations.

Section 3 Capital Costs

Activity	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Construction	0	0	0	2,860,000	0	0	2,860,000
Design & ROW	0	0	675,000	0	0	0	675,000
Total Capital Cost	0	0	675,000	2,860,000	0	0	3,535,000

Section 4 New or Additional Impact on Operating Budget

Type of Expenditure	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Total							

Section 5 Method(s) of Financing

Funding Source(s)	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Transfer From Sewer	0	0	675,000	2,860,000	0	0	3,535,000
Total	0	0	675,000	2,860,000	0	0	3,535,000

Section 6 Maps / Charts / Tables / Pictures **Section 7** **Comments for Other Depts.**

City of Concord, North Carolina

Fiscal Year 2019-20 through 2023-24 Capital Improvement Plan

Section 1	CIP Title	Coddle Creek Tributary Outfall Extension From US Highway 29 To Rock Hill Church Road				Budget Unit #	8402	
Budget Unit	Wastewater Projects	Functional Area	Wastewater			Priority Rank	8	
Total CIP Cost	Total Appropriations to date	Budget Year 1 FY2019-20	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP <input checked="" type="checkbox"/> New <input type="checkbox"/> Replacement <input checked="" type="checkbox"/> Land/ROW Acq. Required <input type="checkbox"/> Expansion <input type="checkbox"/> Renovation
			Year 2 FY2020-21	Year 3 FY2021-22	Year 4 FY2022-23	Year 5 FY2023-24		
1,667,000	0	0	0	0	0	1,667,000	1,667,000	

Section 2 **Description**

This project will include the installation of approximately 2,900' of 12" diameter gravity sewer line that will be tributary to Coddle Creek and will be extended to Rock Hill Church Road in order to abandon the existing Crossbow Circle Pump Station.

History, Status, or Impact if Delayed

Justification or Link to City Goals

The proposed gravity sewer outfall line is called for in the recently completed Sewer Master Plan and will provide sewer service to future anticipated development within the drainage basin. As previously noted in the Description Section, this gravity sewer outfall line will be extended to Rock Hill Church Road in order to abandon the existing Crossbow Circle Pump Station.

Section 3 **Capital Costs**

Activity	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Design, ROW, Construction	0	0	0	0	1,667,000	0	1,667,000
Total Capital Cost	0	0	0	0	1,667,000	0	1,667,000

Section 4 **New or Additional Impact on Operating Budget**

Type of Expenditure	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Total							

Section 5 **Method(s) of Financing**

Funding Source(s)	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Transfer From Sewer	0	0	0	0	1,667,000	0	1,667,000
Total	0	0	0	0	1,667,000	0	1,667,000

Section 6 **Section 7**

Maps / Charts / Tables / Pictures Comments for Other Depts.

City of Concord, North Carolina

Fiscal Year 2019-20 through 2023-24 Capital Improvement Plan

Section 1	CIP Title	Coddle Creek Tributary Outfall Extension To Westridge Lane					Budget Unit #	8402
Budget Unit	Wastewater Projects	Functional Area	Wastewater				Priority Rank	9
Total CIP Cost	Total Appropriations to date	Budget Year 1 FY2019-20	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP
			Year 2 FY2020-21	Year 3 FY2021-22	Year 4 FY2022-23	Year 5 FY2023-24		<input checked="" type="checkbox"/> New <input type="checkbox"/> Replacement <input checked="" type="checkbox"/> Land/ROW Acq. Required <input type="checkbox"/> Expansion <input type="checkbox"/> Renovation
3,675,000	0	0	0	0	0	3,675,000	3,675,000	

Section 2 Description

This project will include the installation of approximately 5,000' of 15" diameter gravity sewer line that will be tributary to Coddle Creek and will be extended to Westridge Lane in order to abandon the existing Roberta Woods Pump Station.

History, Status, or Impact if Delayed

Justification or Link to City Goals

The proposed gravity sewer outfall line is called for in the recently completed Sewer Master Plan and will provide sewer service to future anticipated development within the drainage basin. As previously noted in the Description Section, this gravity sewer outfall line will be extended to Westridge Lane in order to abandon the existing Roberta Woods Pump Station.

Section 3 Capital Costs

Activity	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Design, ROW, Construction	0	0	0	0	3,675,000	0	3,675,000
Total Capital Cost	0	0	0	0	3,675,000	0	3,675,000

Section 4 New or Additional Impact on Operating Budget

Type of Expenditure	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Total							

Section 5 Method(s) of Financing

Funding Source(s)	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Transfer From Sewer	0	0	0	0	3,675,000	0	3,675,000
Total	0	0	0	0	3,675,000	0	3,675,000

Section 6 Maps / Charts / Tables / Pictures **Section 7** Comments for Other Depts.

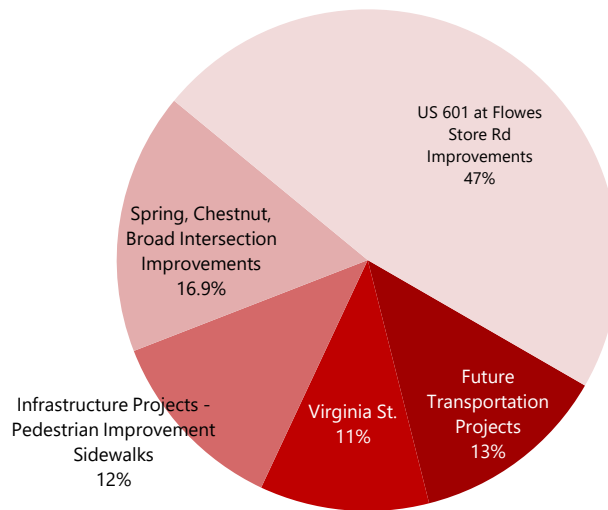
Fund 423: Transportation Capital Projects

Specified transportation projects are funded by the City's dedicated Transportation Fund. The equivalent of 2 cents of the ad valorem tax rate and other specified revenues is designated by the City Council towards improving roadway capacity and safety on area streets and extending pedestrian infrastructure. The fund is composed of the Streets budget unit.

	2019-2020 Approved	2020-2021 Planning Yr.	2021-2022 Planning Yr.	2022-2023 Planning Yr.	2023-2024 Planning Yr.	Future Planning Yr.
Expenses By Project						
Future Transportation Projects	\$ 523,653	\$ -	\$ -	\$ -	\$ -	\$ -
Transportation Services Building	\$ -	\$ -	\$ 950,000	\$ 1,507,000	\$ -	\$ -
Virginia St.	\$ 450,000	\$ -	\$ -	\$ -	\$ -	\$ -
Infrastructure Projects - Pedestrian Improvement Sidewalks	\$ 500,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ -
Spring, Chestnut, Broad Intersection Improvements	\$ 695,000	\$ -	\$ -	\$ -	\$ -	\$ -
US 601 at Flowes Store Rd Improvements	\$ 1,951,469	\$ 1,708,403	\$ -	\$ -	\$ -	\$ -
I-85 Branding Project	\$ -	\$ 200,000	\$ -	\$ -	\$ -	\$ -
Concord Farms Realignment	\$ -	\$ -	\$ -	\$ 3,600,000	\$ -	\$ -
Dorland Ave Realignment Phase II	\$ -	\$ -	\$ -	\$ 775,000	\$ -	\$ -
Total	\$ 4,120,122	\$ 2,408,403	\$ 1,450,000	\$ 6,382,000	\$ 500,000	\$ -

	2019-2020 Approved	2020-2021 Planning Yr.	2021-2022 Planning Yr.	2022-2023 Planning Yr.	2023-2024 Planning Yr.	Future Planning Yr.
Revenues by Funding Source						
Transfer from General Fund	\$ 2,168,946	\$ 651,682	\$ 1,060,000	\$ 4,992,000	\$ 110,000	\$ -
Vehicle License Fee	\$ 390,000	\$ 390,000	\$ 390,000	\$ 390,000	\$ 390,000	\$ -
CMAQ Grants	\$ 1,561,176	\$ 1,366,722	\$ -	\$ -	\$ -	\$ -
Grant Proceeds	\$ -	\$ -	\$ -	\$ -	\$ 1,000,000	\$ -
Total	\$ 4,120,122	\$ 2,408,404	\$ 1,450,000	\$ 5,382,000	\$ 1,500,000	\$ -

FY 2020 Transportation Projects



City of Concord, North Carolina

Fiscal Year 2019-20 through 2023-24 Capital Improvement Plan

Section 1	CIP Title	Virginia Street Rehabilitation				Budget Unit #	8600		
Budget Unit	Street Projects	Functional Area	Transportation			Priority Rank	1		
Total CIP Cost	Total Appropriations to date	Budget Year 1 FY2019-20	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP	
			Year 2 FY2020-21	Year 3 FY2021-22	Year 4 FY2022-23	Year 5 FY2023-24		<input type="checkbox"/> New	<input type="checkbox"/> Expansion
			<input type="checkbox"/> Replacement	<input checked="" type="checkbox"/> Renovation					
			<input type="checkbox"/> Land/ROW Acq. Required						
1,500,000	1,050,000	450,000	0	0	0	0	450,000		

Section 2 **Description**

The Virginia St. Rehabilitation will remove and replace aging concrete pavement with new asphalt as well as continue sidewalk along the portion that currently does not have any in place. This project was previously approved by City Council in 2014 and funded at \$1,050,000 based on an estimate prepared in 2014. A considerable rise in construction costs in recent years prompted the estimate to be revised, yielding a new estimate of \$1,500,000. This CIP is to request the increase in funding of \$450,000 in order to fund the difference in the the 2014 estimate and today's current revised estimate.

History, Status, or Impact if Delayed

City Council approved the Virginia St. Rehabilitation project in 2014 and allocated \$1,050,000 in funding based on an estimate prepared in 2014. The revised estimate is \$1,500,000. Design is 100% complete, and the project is currently in the last stage of R/W acquisition with 1 property pending. Bidding will be scheduled as soon as the final R/W is acquired. If delayed, the road will continue to deteriorate, and the potential construction cost are expected to continue to rise.

Justification or Link to City Goals

The Virginia St. Rehabilitation project was approved by City Council in 2014 and \$1,050,000 in funding was allocated in the 2014-2016 budgets based on an estimate prepared in 2014. The project still remains an important project; however, it has been delayed getting ready for construction for various reasons including R/W acquisition. In the time since the project was approved, there has been a significant increase in construction costs and the new estimate is \$1,500,000.

Section 3 **Capital Costs**

Activity	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Construction	450,000	0	0	0	0	0	450,000
Total Capital Cost	450,000	0	0	0	0	0	450,000

Section 4 **New or Additional Impact on Operating Budget**

Type of Expenditure	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Total							

Section 5 **Method(s) of Financing**

Funding Source(s)	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
2¢ Allocation from General Fund	450,000	0	0	0	0	0	450,000
Total	450,000	0	0	0	0	0	450,000

Section 6 **Section 7**

Maps / Charts / Tables / Pictures Comments for Other Depts.

City of Concord, North Carolina

Fiscal Year 2019-20 through 2023-24 Capital Improvement Plan

Section 1	CIP Title	Transportation Services Building					Budget Unit #	8600
Budget Unit	Street Projects	Functional Area	Transportation				Priority Rank	2
Total CIP Cost	Total Appropriations to date	Budget Year 1 FY2019-20	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP
			Year 2 FY2020-21	Year 3 FY2021-22	Year 4 FY2022-23	Year 5 FY2023-24		<input checked="" type="checkbox"/> New <input type="checkbox"/> Replacement <input type="checkbox"/> Land/ROW Acq. Required <input type="checkbox"/> Expansion <input type="checkbox"/> Renovation
2,457,000	0	0	0	950,000	1,507,000	0	2,457,000	

Section 2 **Description**

This project consists of constructing a new building adjacent to the newly constructed Traffic Management Center that would house the Transportation Department's Traffic Services and Administration Divisions. This project would also complete the construction of the BOC Expansion area road.

History, Status, or Impact if Delayed

Currently, the Traffic Services and Administration divisions of the Transportation Department are housed in the Brown Operations Center. The growth of City forces has created the need for more office and working space, as well as parking space at the Brown Operations Center.

Justification or Link to City Goals

Currently, the Traffic Services Division occupies a large work bay with a garage door, 2 offices, a mezzanine area used for storage, and an outdoor covered storage cage. Traffic Services also has 5 work vehicles, 6 trailers, and accounts for 5 employee parking spaces. The Administration Division is comprised of 6 employees occupying 4 separate offices and 1 office shared by 2 employees. There are 3 work vehicles assigned to the Administration Division. The construction of a new Transportation Services Building would allow the Administration and Traffic Services Divisions to relocate to the new building, which would include space for future growth and would free up the existing space for future growth and reorganization of other departments at the BOC. Relocating the Traffic Services and Administration Divisions to a new building would free up 8 offices/work spaces; a large work bay with offices and workspace with a garage door and mezzanine; a large covered and secure outdoor storage area; 14 city vehicle parking/storage spaces; and 11 employee parking spaces.

Section 3 **Capital Costs**

Activity	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
BOC Expansion Area Road Construction	0	0	800,000	0	0	0	800,000
Building Construction	0	0	0	1,507,000	0	0	1,507,000
Design/Engineering	0	0	150,000	0	0	0	150,000
Total Capital Cost	0	0	950,000	1,507,000	0	0	2,457,000

Section 4 **New or Additional Impact on Operating Budget**

Type of Expenditure	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Total							

Section 5 **Method(s) of Financing**

Funding Source(s)	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Transfer from General Fund	0	0	950,000	1,507,000	0	0	2,457,000
Total	0	0	950,000	1,507,000	0	0	2,457,000

Section 6 **Section 7**

Maps / Charts / Tables / Pictures

Comments for Other Depts.

City of Concord, North Carolina

Fiscal Year 2019-20 through 2023-24 Capital Improvement Plan

Section 1	CIP Title	Infrastructure Projects - Pedestrian Improvement Sidewalks					Budget Unit #	8600
Budget Unit	Street Projects	Functional Area	Transportation				Priority Rank	3
Total CIP Cost	Total Appropriations to date	Budget Year 1 FY2019-20	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP
			Year 2 FY2020-21	Year 3 FY2021-22	Year 4 FY2022-23	Year 5 FY2023-24		<input type="checkbox"/> New <input type="checkbox"/> Replacement <input checked="" type="checkbox"/> Land/ROW Acq. Required <input checked="" type="checkbox"/> Expansion <input type="checkbox"/> Renovation
2,500,000	0	500,000	500,000	500,000	500,000	500,000	2,500,000	

Section 2 Description

This project consists of constructing new City sidewalks and associated infrastructure to expand the existing pedestrian system. The priority of projects is determined annually in October and presented to City Council for approval in accordance with the Pedestrian Improvement Policy.

History, Status, or Impact if Delayed

New sidewalk extensions approved under the Policy have been funded and constructed since 2003. Presently, the Miramar Phase II Sidewalk Extension is next on the City Council approved list. Cancellation or delay will affect the Council goal of moving towards the Complete Streets concept.

Justification or Link to City Goals

The extension of sidewalks into areas of the City of Concord currently lacking such infrastructure is needed to meet stated City Council Goals, proposed recommendations of the Livable Communities Blueprint, and to address City core values relating to safety and environment.

Section 3 Capital Costs

Activity	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Clear/Grade/Site Prep	80,000	80,000	80,000	80,000	80,000	0	400,000
Construction-	380,000	380,000	380,000	380,000	380,000	0	1,900,000
Land/ROW	40,000	40,000	40,000	40,000	40,000	0	200,000
Total Capital Cost	500,000	500,000	500,000	500,000	500,000	0	2,500,000

Section 4 New or Additional Impact on Operating Budget

Type of Expenditure	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Total							

Section 5 Method(s) of Financing

Funding Source(s)	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
\$5 Vehicle Fees	390,000	390,000	390,000	390,000	390,000	0	1,950,000
2¢ Allocation from General Fund	110,000	110,000	110,000	110,000	110,000	0	550,000
Total	500,000	500,000	500,000	500,000	500,000	0	2,500,000

Section 6 Maps / Charts / Tables / Pictures **Section 7** Comments for Other Depts.

City of Concord, North Carolina

Fiscal Year 2019-20 through 2023-24 Capital Improvement Plan

Section 1	CIP Title	Spring, Chestnut, Broad Intersection Improvements					Budget Unit #	8600
Budget Unit	Street Projects	Functional Area	Transportation				Priority Rank	4
Total CIP Cost	Total Appropriations to date	Budget Year 1 FY2019-20	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP
			Year 2 FY2020-21	Year 3 FY2021-22	Year 4 FY2022-23	Year 5 FY2023-24		<input type="checkbox"/> New <input type="checkbox"/> Replacement <input type="checkbox"/> Land/ROW Acq. Required <input type="checkbox"/> Expansion <input checked="" type="checkbox"/> Renovation
700,000	5,000	695,000	0	0	0	0	695,000	

Section 2 Description

This project consists of constructing a single-lane mini-roundabout at the intersection of Spring St., SW and Chestnut Dr., SW as well as realigning Broad Dr., SW.

History, Status, or Impact if Delayed

Transportation staff developed a sketch plan and have modeled the intersection to analyze traffic flow and emissions. Staff have received a site survey and design has begun.

Justification or Link to City Goals

The construction of a mini-roundabout eliminates an inefficient traffic signal and non-traditional 5-leg intersection. It will reduce delay for motorists and improves air quality by reducing idle vehicle emissions. The project addresses the department's goal to provide small construction enhancements on all streets within the City of Concord to benefit citizens and the traveling public in order to facilitate the movement of people, goods, and services.

Section 3 Capital Costs

Activity	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Construction	695,000	0	0	0	0	0	695,000
Total Capital Cost	695,000	0	0	0	0	0	695,000

Section 4 New or Additional Impact on Operating Budget

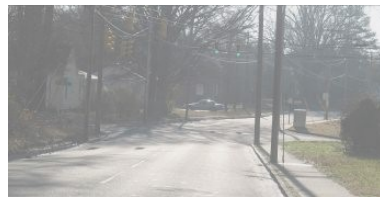
Type of Expenditure	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
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Total

Section 5 Method(s) of Financing

Funding Source(s)	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
2¢ Allocation from General Fund	695,000	0	0	0	0	0	695,000
Total	695,000	0	0	0	0	0	695,000

Section 6 Maps / Charts / Tables / Pictures **Section 7** Comments for Other Depts.



City of Concord, North Carolina

Fiscal Year 2019-20 through 2023-24 Capital Improvement Plan

Section 1	CIP Title	US 601 at Flowes Store Rd Improvements					Budget Unit #	8600
Budget Unit	Street Projects	Functional Area	Transportation				Priority Rank	5
Total CIP Cost	Total Appropriations to date	Budget Year 1 FY2019-20	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP
			Year 2 FY2020-21	Year 3 FY2021-22	Year 4 FY2022-23	Year 5 FY2023-24		<input type="checkbox"/> New <input type="checkbox"/> Replacement <input type="checkbox"/> Land/ROW Acq. Required <input checked="" type="checkbox"/> Expansion <input type="checkbox"/> Renovation
4,069,872	410,000	1,951,469	1,708,403	0	0	0	3,659,872	

Section 2 Description

This project consists of constructing an additional lane and sidewalk along US 601, traveling from the intersection at Flowes Store Rd/Miami Church Rd to east of the intersection at Zion church Rd., E/NC 49 Interchange.

History, Status, or Impact if Delayed

The new estimate is \$4,069,872 with 20% City participation estimated at \$813,974. The estimate was updated to reflect current market cost projections. Due to pending CMAQ funding rescission, staff will re-apply for construction funding upon reallocation of CMAQ/Federal Funding.

Justification or Link to City Goals

To mitigate current (and future) congestion along the corridor, the Transportation Department proposes the design and construction of 4,381-ft of additional through lane with appropriate taper in the westbound direction on US 601 as well as the construction of a sidewalk and curb ramps adjacent to the proposed lanes. The improvements will provide for adequate stacking and flow to allow for an improved intersection level of service. Department staff have also coordinated with developments proposed along Flowes Store Rd to ensure they work together on their impacts and proposed improvements to the same subject intersection.

Section 3 Capital Costs

Activity	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Construction	1,951,469	1,708,403	0	0	0	0	3,659,872
Total Capital Cost	1,951,469	1,708,403	0	0	0	0	3,659,872

Section 4 New or Additional Impact on Operating Budget

Type of Expenditure	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Total							

Section 5 Method(s) of Financing

Funding Source(s)	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
2¢ Allocation from General Fund	390,293	341,682	0	0	0	0	731,975
CMAQ	1,561,176	1,366,722	0	0	0	0	2,927,898
Total	1,951,469	1,708,404	0	0	0	0	3,659,873

Section 6 Maps / Charts / Tables / Pictures **Section 7 Comments for Other Depts.**



City of Concord, North Carolina

Fiscal Year 2019-20 through 2023-24 Capital Improvement Plan

Section 1	CIP Title	I-85 Branding Project					Budget Unit #	8600
Budget Unit	Street Projects	Functional Area	Transportation				Priority Rank	6
Total CIP Cost	Total Appropriations to date	Budget Year 1 FY2019-20	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP
			Year 2 FY2020-21	Year 3 FY2021-22	Year 4 FY2022-23	Year 5 FY2023-24		
450,000	250,000	0	200,000	0	0	0	200,000	

<input checked="" type="checkbox"/> New	<input type="checkbox"/> Expansion
<input type="checkbox"/> Replacement	<input type="checkbox"/> Renovation
<input type="checkbox"/> Land/ROW Acq. Required	

Section 2 Description

This project consists of participating in the NCDOT TIP Project I-3802A for the construction of gateway monuments at certain interchanges of I-85 and corridors into Concord. We also plan to partner with Kannapolis to provide a consistent symmetrical look where interchanges border Kannapolis on one side and Concord on the other.

History, Status, or Impact if Delayed

Staff has been working with Kannapolis and NCDOT to provide enhanced gateway features as part of the I-85 construction project. The design is complete, and the construction estimate will be brought before council for approval when complete.

Justification or Link to City Goals

City Council adopted a resolution and entered into a municipal agreement to participate in said project and have already paid for the Concord share of the monument design.

Section 3 Capital Costs

Activity	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Construction	0	200,000	0	0	0	0	200,000
Total Capital Cost	0	200,000	0	0	0	0	200,000

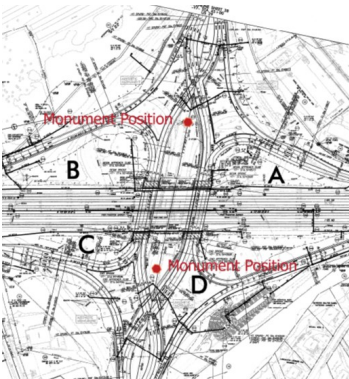
Section 4 New or Additional Impact on Operating Budget

Type of Expenditure	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
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Section 5 Method(s) of Financing

Funding Source(s)	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Transfer from General Fund	0	200,000	0	0	0	0	200,000
Total	0	200,000	0	0	0	0	200,000

Section 6 Maps / Charts / Tables / Pictures **Section 7 Comments for Other Depts.**



City of Concord, North Carolina

Fiscal Year 2019-20 through 2023-24 Capital Improvement Plan

Section 1	CIP Title	Concord Farms Realignment				Budget Unit #	8600		
Budget Unit	Street Projects	Functional Area	Transportation			Priority Rank	7		
Total CIP Cost	Total Appropriations to date	Budget Year 1 FY2019-20	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP	
			Year 2 FY2020-21	Year 3 FY2021-22	Year 4 FY2022-23	Year 5 FY2023-24		<input checked="" type="checkbox"/> New	<input type="checkbox"/> Expansion
							<input type="checkbox"/> Replacement	<input type="checkbox"/> Renovation	
							<input type="checkbox"/> Land/ROW Acq. Required		
3,600,000	0	0	0	0	3,600,000	0	3,600,000		

Section 2 Description

This project consists of the realignment of Concord Farms Rd to connect with Windswept Rd (George W. Liles Parkway). This project would establish a 4-lane divided typical section with bike lanes and sidewalk as well as enhanced plantings, lighting and signage to promote development opportunities in line with the Small Area Plan.

History, Status, or Impact if Delayed

This project has been submitted for Golden Leaf funding of \$1,000,000. The current project estimate is \$4,000,000. Using the estimated total project cost, a Local Match of approximately \$3,000,000 from the General Fund Reserves will be required to meet schedule.

Justification or Link to City Goals

The realignment of Concord Farms Rd will provide safer access to US 29 at a signalized intersection. The project will be designed as a median divided facility with sidewalk and bicycle accommodations. This corridor is a largely undeveloped (currently agriculture) area in the geographic center of Concord. The project will provide better access for economic development.

Section 3 Capital Costs

Activity	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Construction	0	0	0	4,000,000	0	0	4,000,000
Total Capital Cost	0	0	0	4,000,000	0	0	4,000,000

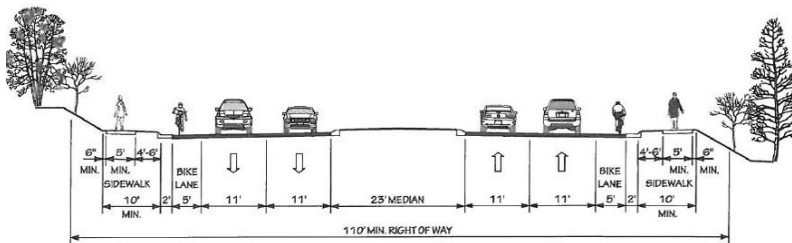
Section 4 New or Additional Impact on Operating Budget

Type of Expenditure	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Total							

Section 5 Method(s) of Financing

Funding Source(s)	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Golden Leaf Grant	0	0	0	1,000,000	0	0	1,000,000
Transfer from General Fund	0	0	0	3,000,000	0	0	4,000,000
Total	0	0	0	4,000,000	0	0	4,000,000

Section 6 Maps / Charts / Tables / Pictures **Section 7 Comments for Other Depts.**



City of Concord, North Carolina

Fiscal Year 2019-20 through 2023-24 Capital Improvement Plan

Section 1	CIP Title	Dorland Ave Realignment Phase II					Budget Unit #	8600	
Budget Unit	Street Projects	Functional Area	Transportation				Priority Rank	8	
Total CIP Cost	Total Appropriations to date	Budget Year 1 FY2019-20	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP	
			Year 2 FY2020-21	Year 3 FY2021-22	Year 4 FY2022-23	Year 5 FY2023-24		<input type="checkbox"/> New	<input checked="" type="checkbox"/> Expansion
			<input type="checkbox"/> Replacement	<input type="checkbox"/> Renovation					
			<input type="checkbox"/> Land/ROW Acq. Required						
975,000	200,000	0	0	0	775,000	0	775,000		

Section 2 Description

This project consists of completing the realignment of Dorland Ave from Kerr St., NW to Crowell Dr., SW, adjacent to Baber-Scotia College.

History, Status, or Impact if Delayed

Phase I, which constructed the signalized intersection at Kerr St., NW, was completed in 2009. This project finalizes those plans to create a north-south connection across Cabarrus Ave., W.

Justification or Link to City Goals

The realignment eliminates the dangerous angled intersection that currently exists adjacent to Barber-Scotia College and will bring northbound traffic on Crowell Dr., SW to the signalized intersection of Cabarrus Ave., W and Kerr St., NW. This project was presented for consideration at the 2017 City Council Planning Session.

Section 3 Capital Costs

Activity	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Construction	0	0	0	775,000	0	0	775,000
Total Capital Cost	0	0	0	775,000	0	0	775,000

Section 4 New or Additional Impact on Operating Budget

Type of Expenditure	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
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Total

Section 5 Method(s) of Financing

Funding Source(s)	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Transfer from General Fund	0	0	0	775,000	0	0	775,000
Total	0	0	0	775,000	0	0	775,000

Section 6 Maps / Charts / Tables / Pictures **Section 7 Comments for Other Depts.**



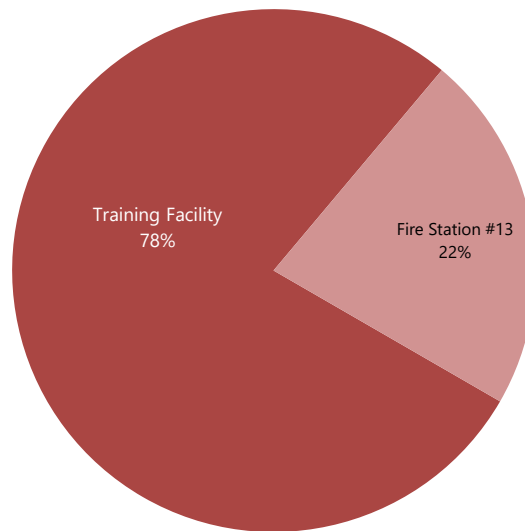
Fund 426: Fire Capital Projects

Fire projects are accounted for using this fund. This fund is comprised of Fire & Life Safety Projects budget unit.

	2019-2020 Approved	2020-2021 Planning Yr.	2021-2022 Planning Yr.	2022-2023 Planning Yr.	2023-2024 Planning Yr.	Future Planning Yr.
Expenses By Project						
Training Facility	\$ 1,050,000	\$ 500,000	\$ 12,148,400	\$ -	\$ -	\$ -
Fire Station #12	\$ -	\$ 5,950,000	\$ -	\$ -	\$ -	\$ -
Fire Station #13	\$ 300,000	\$ -	\$ -	\$ 400,000	\$ 5,710,000	\$ -
Total	\$ 1,350,000	\$ 6,450,000	\$ 12,148,400	\$ 400,000	\$ 5,710,000	\$ -

	2019-2020 Approved	2020-2021 Planning Yr.	2021-2022 Planning Yr.	2022-2023 Planning Yr.	2023-2024 Planning Yr.	Future Planning Yr.
Revenues by Funding Source						
Transfer from General Capital Reserve	\$ 1,350,000	\$ 6,450,000	\$ 12,148,400	\$ 400,000	\$ 5,710,000	\$ -
Total	\$ 1,350,000	\$ 6,450,000	\$ 12,148,400	\$ 400,000	\$ 5,710,000	\$ -

FY 2020 Fire Capital Projects



City of Concord, North Carolina

Fiscal Year 2019-20 through 2023-24 Capital Improvement Plan

Section 1	CIP Title	Training Facility				Budget Unit #	8670		
Budget Unit	Fire Station Projects	Functional Area	Public Safety			Priority Rank	1		
Total CIP Cost	Total Appropriations to date	Budget Year 1 FY2019-20	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP	
			Year 2 FY2020-21	Year 3 FY2021-22	Year 4 FY2022-23	Year 5 FY2023-24		<input type="checkbox"/> New	<input type="checkbox"/> Expansion
							<input checked="" type="checkbox"/> Replacement	<input type="checkbox"/> Renovation	
							<input checked="" type="checkbox"/> Land/ROW Acq. Required		
13,698,400	0	1,050,000	500,000	12,148,400	0	0	13,698,400		

Section 2 **Description**

This project involves the construction of a Training facility that would be a joint project between the police and fire departments

History, Status, or Impact if Delayed

Due to the growth of the City as well as the police and fire departments, the current facility located at Fire Station 3 no longer meets our needs. By partnering with the police department to build a new training facility, we can work together to meet the needs of two departments, both now and well into the future.

Justification or Link to City Goals

The current facility was constructed in 1986 and served three stations. The department has expanded to 11 stations with 210 employees. The current facility no longer meets the needs of the department. The current facility does not allow for live fire training and limits our ability to perform multi-company drills due to the limited size of the parking area. Currently the Police department does not have a training facility and relies on other agencies' facilities to meet their training requirements each year. This facility would be a joint project between the police and fire departments. This facility would meet our needs for the future and would be located on one site.

Section 3 **Capital Costs**

Activity	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Clear/Grade/Site Prep	0	500,000	0	0	0	0	500,000
Construction	0	0	12,148,400	0	0	0	12,148,400
Engineering	50,000	0	0	0	0	0	50,000
Land/ROW	700,000	0	0	0	0	0	700,000
Prelim Design/Plans	300,000	0	0	0	0	0	300,000
Total Capital Cost	1,050,000	500,000	12,148,400	0	0	0	13,698,400

Section 4 **New or Additional Impact on Operating Budget**

Type of Expenditure	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Total							

Section 5 **Method(s) of Financing**

Funding Source(s)	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Capital Reserve	1,050,000	500,000	12,148,400	0	0	0	13,698,400
Total	1,050,000	500,000	12,148,400	0	0	0	13,698,400

Section 6 **Section 7**

Maps / Charts / Tables / Pictures

Comments for Other Depts.

This will involve the following departments: Engineering, Building and Grounds, Legal, City Manager's Office, and Electrical.

City of Concord, North Carolina

Fiscal Year 2019-20 through 2023-24 Capital Improvement Plan

Section 1	CIP Title	Fire Station 12					Budget Unit #	8670
Budget Unit	Fire Station Projects	Functional Area	Public Safety				Priority Rank	2
Total CIP Cost	Total Appropriations to date	Budget Year 1 FY2019-20	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP
			Year 2 FY2020-21	Year 3 FY2021-22	Year 4 FY2022-23	Year 5 FY2023-24		<input checked="" type="checkbox"/> New <input type="checkbox"/> Replacement <input checked="" type="checkbox"/> Land/ROW Acq. Required <input type="checkbox"/> Expansion <input type="checkbox"/> Renovation
6,540,000	590,000	0	5,950,000	0	0	0	5,950,000	

Section 2 Description

This project consists of land acquisition, design, engineering, and construction of a permanent station in the Roberta Rd. and Roberta Church Rd. area.

History, Status, or Impact if Delayed

Upon completion of this project, we will be able to meet adopted response times in this area as well as provide a faster response time to a Class H facility.

Justification or Link to City Goals

Using performance measures and benchmarking data, it has been determined that we are not meeting the department's adopted response times in this area. In addition to not meeting the response times, the Phillip Morris facility was sold to Alevo, and due to their business model, the hazard class was changed from class M (manufacturing) to a class H (Hazardous). This change will require an upgraded response to the facility.

Section 3 Capital Costs

Activity	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Clear/ Grade Site	0	300,000	0	0	0	0	300,000
Construction	0	5,500,000	0	0	0	0	5,500,000
Furnishing and Equipment	0	150,000	0	0	0	0	150,000
Total Capital Cost	0	5,950,000	0	0	0	0	5,950,000

Section 4 New or Additional Impact on Operating Budget

Type of Expenditure	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Total							

Section 5 Method(s) of Financing

Funding Source(s)	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Capital Reserves	0	5,950,000	0	0	0	0	5,950,000
Total	0	5,950,000	0	0	0	0	5,950,000

Section 6 Maps / Charts / Tables / Pictures **Section 7** Comments for Other Depts.

This will involve the following departments: Engineering, Building and Grounds, Legal, City Manager's Office, and Electrical.

City of Concord, North Carolina

Fiscal Year 2019-20 through 2023-24 Capital Improvement Plan

Section 1	CIP Title	Fire Station 13				Budget Unit #	8670		
Budget Unit	Fire Station Projects	Functional Area	Public Safety			Priority Rank	3		
Total CIP Cost	Total Appropriations to date	Budget Year 1 FY2019-20	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP	
			Year 2 FY2020-21	Year 3 FY2021-22	Year 4 FY2022-23	Year 5 FY2023-24		<input checked="" type="checkbox"/> New	<input type="checkbox"/> Expansion
			<input type="checkbox"/> Replacement	<input type="checkbox"/> Renovation					
			<input type="checkbox"/> Land/ROW Acq. Required						
6,410,000	0	300,000	0	0	400,000	5,710,000	6,410,000		

Section 2 Description

The preliminary design, engineering and architecture in FY 22-23 will be the first step in the construction process for Fire Station 13. This project will serve the Cox Mill Road/ Christenbury Parkway area.

History, Status, or Impact if Delayed

As the area continues to grow, a station will be needed in this area. This area is identified as an area that we will not be able to meet the four minute response time goal. The City currently owns a piece of property on Cox Mill Road that was set aside for this station.

Justification or Link to City Goals

In the past, this area had a low call volume due to large tracts of undeveloped land. With the construction of Christenbury Parkway and the development that has occurred and will continue to occur in the area, we anticipate an increase in the call volume. We currently cannot meet the benchmark times related to response times in this area.

Section 3 Capital Costs

Activity	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Clear/Grade	0	0	0	0	720,000	0	720,000
Construction	0	0	0	0	4,840,000	0	4,840,000
Engineering/ Architecture	0	0	0	350,000	0	0	350,000
Furniture	0	0	0	0	150,000	0	150,000
Land	300,000	0	0	0	0	0	300,000
Preliminary Design	0	0	0	50,000	0	0	50,000
Total Capital Cost	300,000	0	0	400,000	5,710,000	0	6,410,000

Section 4 New or Additional Impact on Operating Budget

Type of Expenditure	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Total							

Section 5 Method(s) of Financing

Funding Source(s)	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Capital Reserve	300,000	0	0	400,000	5,710,000	0	6,410,000
Total	300,000	0	0	400,000	5,710,000	0	6,410,000

Section 6 Maps / Charts / Tables / Pictures **Section 7** Comments for Other Depts.

This will involve the following departments: Engineering, Building and Grounds, Legal, City Manager's Office, and Electrical.

Fund 429: Water Capital Expenditures

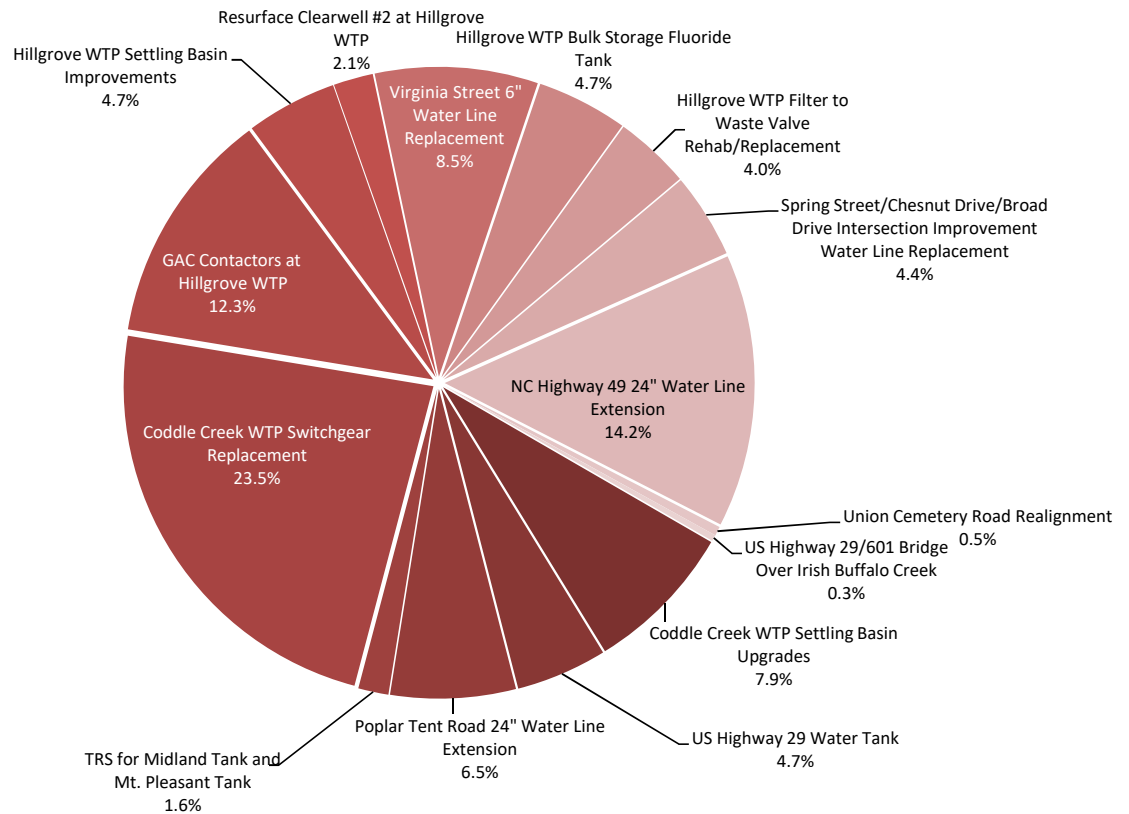
Water projects are accounted for using this fund. It is comprised of the Water Projects budget unit.

	2019-20 Approved	2020-2021 Planning Yr.	2021-2022 Planning Yr.	2022-23 Planning Yr.	2023-2024 Planning Yr.	Future Planning Yr.
Expenses By Project						
Coddle Creek WTP Settling Basin Upgrades	\$ 500,000	\$ -	\$ -	\$ -	\$ -	\$ -
US Highway 29 Water Tank	\$ 300,000	\$ -	\$ -	\$ -	\$ -	\$ -
Poplar Tent Road 24" Water Line Extension	\$ 413,000	\$ -	\$ -	\$ -	\$ -	\$ -
Roberta Road 8" Water Line Replacement	\$ -	\$ 788,000	\$ -	\$ -	\$ -	\$ -
TRS for Midland Tank and Mt. Pleasant Tank	\$ 100,000	\$ -	\$ -	\$ -	\$ -	\$ -
Coddle Creek WTP Switchgear Replacement	\$ 1,485,000	\$ -	\$ -	\$ -	\$ -	\$ -
Raw Waterline at Coddle Creek	\$ -	\$ 3,300,000	\$ -	\$ -	\$ -	\$ -
GAC Contactors at Hillgrove WTP	\$ 775,000	\$ 5,000,000	\$ -	\$ -	\$ -	\$ -
Hillgrove WTP Settling Basin Improvements	\$ 300,000	\$ 2,300,000	\$ -	\$ -	\$ -	\$ -
Resurface Clearwell #2 at Hillgrove WTP	\$ 130,000	\$ -	\$ -	\$ -	\$ -	\$ -
Virginia Street 6" Water Line Replacement	\$ 537,000	\$ -	\$ -	\$ -	\$ -	\$ -
Hillgrove WTP Bulk Storage Fluoride Tank	\$ 300,000	\$ -	\$ -	\$ -	\$ -	\$ -
Hillgrove WTP Filter to Waste Valve Rehab/Replacement	\$ 250,000	\$ -	\$ -	\$ -	\$ -	\$ -
Spring Street/Chesnut Drive/Broad Drive Intersection Improvement Water Line Replacement	\$ 280,000	\$ -	\$ -	\$ -	\$ -	\$ -
NC Highway 49 24" Water Line Extension	\$ 900,000	\$ 6,288,000	\$ -	\$ -	\$ -	\$ -
Union Cemetery Road Realignment	\$ 30,000	\$ 300,000	\$ -	\$ -	\$ -	\$ -
US Highway 29/601 Bridge Over Irish Buffalo Creek	\$ 20,000	\$ 200,000	\$ -	\$ -	\$ -	\$ -
General Services Drive 12" Parallel Water Line	\$ -	\$ 64,000	\$ 436,000	\$ -	\$ -	\$ -
Zion Church Road 12" Parallel Water Line	\$ -	\$ 100,000	\$ 518,000	\$ -	\$ -	\$ -
NC Highway 73 Widening - Poplar Tent Road to US Highway 29	\$ -	\$ 400,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000
Coddle Creek WTP Dewatering Process Improvements	\$ -	\$ -	\$ 4,800,000	\$ -	\$ -	\$ -
NC Highway 73 Water Main Connection to Charlotte Water	\$ -	\$ -	\$ 160,000	\$ 980,000	\$ -	\$ 544,000
Poplar Tent Road Widening - East of I-85 to George Liles Boulevard	\$ -	\$ -	\$ 200,000	\$ 1,000,000	\$ 1,000,000	\$ -
George Liles Boulevard 24" Water Line Phase 4 - Roberta Road to NC Highway 49	\$ -	\$ -	\$ -	\$ 2,875,000	\$ -	\$ -
4 MGD Water Booster Pump Station	\$ -	\$ -	\$ -	\$ 1,150,000	\$ -	\$ -
US Highway 601 24" Water Line Extension - Zion Church Road to Miami Church Road	\$ -	\$ -	\$ -	\$ 1,402,000	\$ -	\$ -
US Highway 601 Control Vault	\$ -	\$ -	\$ -	\$ 156,000	\$ -	\$ -
US Highway 601 16" Water Line Extension - Flowes Store Road to Parks Lafferty Road	\$ -	\$ -	\$ -	\$ 4,414,000	\$ -	\$ -
Cross Country 16" Water Line Extension - NC Highway 49 to Rocky River Road	\$ -	\$ -	\$ -	\$ 1,146,000	\$ -	\$ -
Miami Church Road 12"/24" Parallel Water Line Extension - US Highway 601 to Cold Springs Road	\$ -	\$ -	\$ -	\$ -	\$ 1,731,000	\$ -
Cold Springs Road 12" Water Line Extension - Miami Church Road to NC Highway 49	\$ -	\$ -	\$ -	\$ -	\$ 2,759,000	\$ -
Parks Lafferty Road/Flowes Store Road 12" Water Line Extension - US Highway 601 to NC Highway 24/27	\$ -	\$ -	\$ -	\$ -	\$ 6,777,000	\$ -
Poplar Tent Road Widening - Derita Road to NC Highway 73	\$ -	\$ -	\$ -	\$ -	\$ 300,000	\$ 3,000,000
NC Highway 3 Widening - Dale Earnhardt Boulevard to US Highway 601	\$ -	\$ -	\$ -	\$ -	\$ 100,000	\$ 1,000,000
	\$ 6,320,000	\$ 18,740,000	\$ 7,114,000	\$ 14,123,000	\$ 13,667,000	\$ 5,544,000

Fund 429: Water Capital Revenues

	2019-2020 Approved	2020-2021 Planning Yr.	2021-2022 Planning Yr.	2022-2023 Planning Yr.	2023-2024 Planning Yr.	Future Planning Yr.
Revenues by Funding Source						
Transfer from Water	\$ 1,215,949	\$ 7,452,000	\$ 7,114,000	\$ 14,123,000	\$ 13,667,000	\$ 5,544,000
Capacity Fees	\$ 4,000,000	\$ 5,000,000	\$ -	\$ -	\$ -	\$ -
Future Project Reserves (for CIP)	\$ 1,104,051	\$ 6,288,000	\$ -	\$ -	\$ -	\$ -
Total	\$ 6,320,000	\$ 18,740,000	\$ 7,114,000	\$ 14,123,000	\$ 13,667,000	\$ 5,544,000

FY 2020 Water Capital Projects



City of Concord, North Carolina

Fiscal Year 2019-20 through 2023-24 Capital Improvement Plan

Section 1	CIP Title	Coddle Creek WTP Settling Basin Upgrades					Budget Unit #	8700
Budget Unit	Water Projects	Functional Area	Water				Priority Rank	1
Total CIP Cost	Total Appropriations to date	Budget Year 1 FY2019-20	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP
			Year 2 FY2020-21	Year 3 FY2021-22	Year 4 FY2022-23	Year 5 FY2023-24		<input type="checkbox"/> New <input checked="" type="checkbox"/> Replacement <input type="checkbox"/> Land/ROW Acq. Required <input type="checkbox"/> Expansion <input type="checkbox"/> Renovation
2,225,000	1,725,000	500,000	0	0	0	0	500,000	

Section 2 **Description**

This project is to design and construct settling basin upgrades at the Coddle Creek Water Treatment Plan and includes a pilot study.

History, Status, or Impact if Delayed

Justification or Link to City Goals

This project is to enhance water quality through the water treatment process as well as replace existing treatment technology that has exceeded its lifespan and is nearing failure.

Section 3 **Capital Costs**

Activity	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Construction	500,000	0	0	0	0	0	500,000
Total Capital Cost	500,000	0	0	0	0	0	500,000

Section 4 **New or Additional Impact on Operating Budget**

Type of Expenditure	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Total							

Section 5 **Method(s) of Financing**

Funding Source(s)	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Capacity Fees	500,000	0	0	0	0	0	500,000
Total	500,000	0	0	0	0	0	500,000

Section 6 **Section 7**

Maps / Charts / Tables / Pictures

Comments for Other Depts.

City of Concord, North Carolina

Fiscal Year 2019-20 through 2023-24 Capital Improvement Plan

Section 1	CIP Title	US Highway 29 Water Tank					Budget Unit #	8700
Budget Unit	Water Projects	Functional Area	Water				Priority Rank	2
Total CIP Cost	Total Appropriations to date	Budget Year 1 FY2019-20	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP
			Year 2 FY2020-21	Year 3 FY2021-22	Year 4 FY2022-23	Year 5 FY2023-24		<input checked="" type="checkbox"/> New <input type="checkbox"/> Replacement <input type="checkbox"/> Land/ROW Acq. Required <input type="checkbox"/> Expansion <input type="checkbox"/> Renovation
5,850,000	5,550,000	300,000	0	0	0	0	300,000	

Section 2 **Description**

This project is to design and construct a new elevated water storage tank along US Highway 29 near the intersection with Cabarrus Avenue.

History, Status, or Impact if Delayed

Justification or Link to City Goals

The need for this proposed elevated water storage tank was outlined in the recently completed Water Master Plan project, and will be required for the newly established 890 MSL pressure zone in this area.

Section 3 **Capital Costs**

Activity	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Design & Construction	300,000	0	0	0	0	0	300,000
Total Capital Cost	300,000	0	0	0	0	0	300,000

Section 4 **New or Additional Impact on Operating Budget**

Type of Expenditure	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Total							

Section 5 **Method(s) of Financing**

Funding Source(s)	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Capacity Fees	300,000	0	0	0	0	0	300,000
Total	300,000	0	0	0	0	0	300,000

Section 6 **Section 7**

Maps / Charts / Tables / Pictures

Comments for Other Depts.

City of Concord, North Carolina

Fiscal Year 2019-20 through 2023-24 Capital Improvement Plan

Section 1	CIP Title	Poplar Tent Road 24" Water Line Extension					Budget Unit #	8700
Budget Unit	Water Projects	Functional Area	Water				Priority Rank	3
Total CIP Cost	Total Appropriations to date	Budget Year 1 FY2019-20	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP
			Year 2 FY2020-21	Year 3 FY2021-22	Year 4 FY2022-23	Year 5 FY2023-24		<input checked="" type="checkbox"/> New <input type="checkbox"/> Replacement <input checked="" type="checkbox"/> Land/ROW Acq. Required <input type="checkbox"/> Expansion <input type="checkbox"/> Renovation
3,888,000	3,475,000	413,000	0	0	0	0	413,000	

Section 2 Description

This project will provide a new 24" water line along Poplar Tent Road from International Drive to Eva Drive as part of a water system improvement.

History, Status, or Impact if Delayed

Justification or Link to City Goals

This new water line will further enhance system pressure and enable greater volumes of water to be distributed throughout our system more efficiently as outlined in the recently completed Water Master Plan project.

Section 3 Capital Costs

Activity	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Construction	313,000	0	0	0	0	0	313,000
ROW	100,000	0	0	0	0	0	100,000
Total Capital Cost	413,000	0	0	0	0	0	413,000

Section 4 New or Additional Impact on Operating Budget

Type of Expenditure	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Total							

Section 5 Method(s) of Financing

Funding Source(s)	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Capacity Fees	413,000	0	0	0	0	0	413,000
Total	413,000	0	0	0	0	0	413,000

Section 6 Maps / Charts / Tables / Pictures **Section 7** **Comments for Other Depts.**

City of Concord, North Carolina

Fiscal Year 2019-20 through 2023-24 Capital Improvement Plan

Section 1	CIP Title	Roberta Road 8" Water Line Replacement					Budget Unit #	8700
Budget Unit	Water Projects	Functional Area	Water				Priority Rank	4
Total CIP Cost	Total Appropriations to date	Budget Year 1 FY2019-20	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP
			Year 2 FY2020-21	Year 3 FY2021-22	Year 4 FY2022-23	Year 5 FY2023-24		<input type="checkbox"/> New <input checked="" type="checkbox"/> Replacement <input type="checkbox"/> Land/ROW Acq. Required <input type="checkbox"/> Expansion <input type="checkbox"/> Renovation
823,000	35,000	0	788,000	0	0	0	788,000	

Section 2 **Description**

This project consists of providing a new 8" water line along Roberta Road from Blackwelder Road to Pitts School Road as part of a water system improvement.

History, Status, or Impact if Delayed

Justification or Link to City Goals

This proposed 8" water line will replace an existing 8" water line that is currently located within the NCDOT right-of-way along the same route and that historically has leaked and/or broken in recent years causing damage to the roadway pavement.

Section 3 **Capital Costs**

Activity	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Construction	0	788,000	0	0	0	0	788,000
Total Capital Cost	0	788,000	0	0	0	0	788,000

Section 4 **New or Additional Impact on Operating Budget**

Type of Expenditure	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Total							

Section 5 **Method(s) of Financing**

Funding Source(s)	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Transfer From Water	0	788,000	0	0	0	0	788,000
Total	0	788,000	0	0	0	0	788,000

Section 6 **Section 7**

Maps / Charts / Tables / Pictures

Comments for Other Depts.

City of Concord, North Carolina

Fiscal Year 2019-20 through 2023-24 Capital Improvement Plan

Section 1	CIP Title	TRS for Midland Tank and Mt. Pleasant Tank				Budget Unit #	8700	
Budget Unit	Water Projects	Functional Area	Water			Priority Rank	5	
Total CIP Cost	Total Appropriations to date	Budget Year 1 FY2019-20	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP
			Year 2 FY2020-21	Year 3 FY2021-22	Year 4 FY2022-23	Year 5 FY2023-24		<input type="checkbox"/> New <input type="checkbox"/> Replacement <input type="checkbox"/> Land/ROW Acq. Required <input type="checkbox"/> Expansion <input checked="" type="checkbox"/> Renovation
200,000	100,000	100,000	0	0	0	0	100,000	

Section 2 Description

This project includes a Trihalomethane (THM) Reduction System (TRS) which is a spray system designed to reduce the amount of THMs in the finished water.

History, Status, or Impact if Delayed

Justification or Link to City Goals

The TRS is used to reduce the amount of disinfection by-products in the distribution system to assist the City of Concord with meeting EPA regulations.

Section 3 Capital Costs

Activity	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Design & Construction	100,000	0	0	0	0	0	100,000
Total Capital Cost	100,000	0	0	0	0	0	100,000

Section 4 New or Additional Impact on Operating Budget

Type of Expenditure	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Total							

Section 5 Method(s) of Financing

Funding Source(s)	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Transfer From Water	100,000	0	0	0	0	0	100,000
Total	100,000	0	0	0	0	0	100,000

Section 6 Maps / Charts / Tables / Pictures **Section 7** Comments for Other Depts.

City of Concord, North Carolina

Fiscal Year 2019-20 through 2023-24 Capital Improvement Plan

Section 1	CIP Title	Coddle Creek WTP Switchgear Replacement					Budget Unit #	8700
Budget Unit	Water Projects	Functional Area	Water				Priority Rank	6
Total CIP Cost	Total Appropriations to date	Budget Year 1 FY2019-20	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP
			Year 2 FY2020-21	Year 3 FY2021-22	Year 4 FY2022-23	Year 5 FY2023-24		<input type="checkbox"/> New <input checked="" type="checkbox"/> Replacement <input type="checkbox"/> Land/ROW Acq. Required <input type="checkbox"/> Expansion <input type="checkbox"/> Renovation
1,485,000	0	1,485,000	0	0	0	0	1,485,000	

Section 2 Description

This project is to replace the current switchgear at Coddle Creek Water Treatment Plant with reliable current technology.

History, Status, or Impact if Delayed

Justification or Link to City Goals

The existing switchgear is out of date and without reliable current technology.

Section 3 Capital Costs

Activity	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Preliminary Design/Plans/Construction	1,485,000	0	0	0	0	0	1,485,000
Total Capital Cost	1,485,000	0	0	0	0	0	1,485,000

Section 4 New or Additional Impact on Operating Budget

Type of Expenditure	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
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Total

Section 5 Method(s) of Financing

Funding Source(s)	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Capacity Fees	1,485,000	0	0	0	0	0	1,485,000
Total	1,485,000	0	0	0	0	0	1,485,000

Section 6 Maps / Charts / Tables / Pictures **Section 7** Comments for Other Depts.

City of Concord, North Carolina

Fiscal Year 2019-20 through 2023-24 Capital Improvement Plan

Section 1	CIP Title	Raw Waterline at Coddle Creek					Budget Unit #	8700
Budget Unit	Water Projects	Functional Area	Water				Priority Rank	7
Total CIP Cost	Total Appropriations to date	Budget Year 1 FY2019-20	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP
			Year 2 FY2020-21	Year 3 FY2021-22	Year 4 FY2022-23	Year 5 FY2023-24		<input type="checkbox"/> New <input type="checkbox"/> Replacement <input type="checkbox"/> Land/ROW Acq. Required <input checked="" type="checkbox"/> Expansion <input checked="" type="checkbox"/> Renovation
4,490,000	1,190,000	0	3,300,000	0	0	0	3,300,000	

Section 2 **Description**

This project is for the addition of a second raw water line from Lake Howell to Coddle Creek Water Treatment Plant.

History, Status, or Impact if Delayed

This project was originally funded in the FY17 CIP for \$1,190,000. Additional funds are needed to construct the line.

Justification or Link to City Goals

Water Resources will have a second raw water line to supply water to the Coddle Creek Water Treatment Plant that will allow continued operations in the event of a broken line or if the current raw water line needed to be repaired or rehabilitated. Without the additional raw water line, the plant will be completely out of service if the current raw water line becomes unusable for any reason.

Section 3 **Capital Costs**

Activity	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Construction	0	3,300,000	0	0	0	0	3,300,000
Total Capital Cost	0	3,300,000	0	0	0	0	3,300,000

Section 4 **New or Additional Impact on Operating Budget**

Type of Expenditure	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
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Total

Section 5 **Method(s) of Financing**

Funding Source(s)	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Transfer from Water	0	3,300,000	0	0	0	0	3,300,000
Total	0	3,300,000	0	0	0	0	3,300,000

Section 6 **Section 7**

Maps / Charts / Tables / Pictures

Comments for Other Depts.

City of Concord, North Carolina

Fiscal Year 2019-20 through 2023-24 Capital Improvement Plan

Section 1	CIP Title	GAC Contactors at Hillgrove WTP					Budget Unit #	8700
Budget Unit	Water Projects	Functional Area	Water				Priority Rank	8
Total CIP Cost	Total Appropriations to date	Budget Year 1 FY2019-20	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP
			Year 2 FY2020-21	Year 3 FY2021-22	Year 4 FY2022-23	Year 5 FY2023-24		<input checked="" type="checkbox"/> New <input type="checkbox"/> Replacement <input type="checkbox"/> Land/ROW Acq. Required <input type="checkbox"/> Expansion <input type="checkbox"/> Renovation
5,775,000	0	775,000	5,000,000	0	0	0	5,775,000	

Section 2 Description

This project consists of designing and constructing Granular Activated Carbon (GAC) contactors at the Hillgrove Water Treatment Plant.

History, Status, or Impact if Delayed

Justification or Link to City Goals

This project is to design and install GAC contactors at the Hillgrove WTP to reduce disinfection by-products resulting within the treatment process, as required, to be in compliance with Federal and State water quality regulations.

Section 3 Capital Costs

Activity	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Construction	0	5,000,000	0	0	0	0	5,000,000
Design	775,000	0	0	0	0	0	775,000
Total Capital Cost	775,000	5,000,000	0	0	0	0	5,775,000

Section 4 New or Additional Impact on Operating Budget

Type of Expenditure	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
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Total

Section 5 Method(s) of Financing

Funding Source(s)	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Capacity Fees	775,000	5,000,000	0	0	0	0	5,775,000
Total	775,000	5,000,000	0	0	0	0	5,775,000

Section 6 Maps / Charts / Tables / Pictures **Section 7** Comments for Other Depts.

City of Concord, North Carolina

Fiscal Year 2019-20 through 2023-24 Capital Improvement Plan

Section 1	CIP Title	Hillgrove WTP Settling Basin Improvements					Budget Unit #	8700
Budget Unit	Water Projects	Functional Area	Water				Priority Rank	9
Total CIP Cost	Total Appropriations to date	Budget Year 1 FY2019-20	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP
			Year 2 FY2020-21	Year 3 FY2021-22	Year 4 FY2022-23	Year 5 FY2023-24		<input type="checkbox"/> New <input type="checkbox"/> Replacement <input checked="" type="checkbox"/> Land/ROW Acq. Required <input type="checkbox"/> Expansion <input type="checkbox"/> Renovation
2,600,000	0	300,000	2,300,000	0	0	0	2,600,000	

Section 2 Description

This project is to replace failing tube settlers at Hillgrove Water Treatment Plant.

History, Status, or Impact if Delayed

Without replacement, regulatory compliance and water quality will be negatively impacted.

Justification or Link to City Goals

This project will replace current failing tube settlers at Hillgrove WTP with plate settlers. The current tubes are at the end of their life expectancy and are falling apart during normal operations.

Section 3 Capital Costs

Activity	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Construction - Building/Utility	0	2,300,000	0	0	0	0	2,300,000
Preliminary Design/Plans	300,000	0	0	0	0	0	300,000
Total Capital Cost	300,000	2,300,000	0	0	0	0	2,600,000

Section 4 New or Additional Impact on Operating Budget

Type of Expenditure	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Total							

Section 5 Method(s) of Financing

Funding Source(s)	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Future Project Reserve	204,051	0	0	0	0	0	204,051
Transfer from Water	95,949	2,300,000	0	0	0	0	2,395,949
Total	300,000	2,300,000	0	0	0	0	2,600,000

Section 6 Maps / Charts / Tables / Pictures **Section 7** Comments for Other Depts.

City of Concord, North Carolina

Fiscal Year 2019-20 through 2023-24 Capital Improvement Plan

Section 1	CIP Title	Resurface Clearwell #2 at Hillgrove WTP					Budget Unit #	8700
Budget Unit	Water Projects	Functional Area	Water				Priority Rank	10
Total CIP Cost	Total Appropriations to date	Budget Year 1 FY2019-20	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP
			Year 2 FY2020-21	Year 3 FY2021-22	Year 4 FY2022-23	Year 5 FY2023-24		<input type="checkbox"/> New <input type="checkbox"/> Replacement <input checked="" type="checkbox"/> Land/ROW Acq. Required <input type="checkbox"/> Expansion <input type="checkbox"/> Renovation
130,000	0	130,000	0	0	0	0	130,000	

Section 2 Description

This project is for the resurfacing of the north clearwell at Hillgrove Water Treatment Plant.

History, Status, or Impact if Delayed

Justification or Link to City Goals

The north clearwell at Hillgrove WTP is showing signs of spalling, which will continue to worsen. It will need to be resurfaced to restore it and provide for long term service.

Section 3 Capital Costs

Activity	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Clear/Grade/Site Prep	130,000	0	0	0	0	0	130,000
Total Capital Cost	130,000	0	0	0	0	0	130,000

Section 4 New or Additional Impact on Operating Budget

Type of Expenditure	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Total							

Section 5 Method(s) of Financing

Funding Source(s)	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Transfer From Water	130,000	0	0	0	0	0	130,000
Total	130,000	0	0	0	0	0	130,000

Section 6 Maps / Charts / Tables / Pictures **Section 7** **Comments for Other Depts.**

City of Concord, North Carolina

Fiscal Year 2019-20 through 2023-24 Capital Improvement Plan

Section 1	CIP Title	Virginia Street 6" Water Line Replacement					Budget Unit #	8700
Budget Unit	Water Projects	Functional Area	Water				Priority Rank	11
Total CIP Cost	Total Appropriations to date	Budget Year 1 FY2019-20	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP
			Year 2 FY2020-21	Year 3 FY2021-22	Year 4 FY2022-23	Year 5 FY2023-24		<input type="checkbox"/> New <input checked="" type="checkbox"/> Replacement <input type="checkbox"/> Land/ROW Acq. Required <input type="checkbox"/> Expansion <input type="checkbox"/> Renovation
537,000	0	537,000	0	0	0	0	537,000	

Section 2 Description

This project includes the replacement of approximately 2,200 linear feet of the existing 6" water line along Virginia Street from Corban Avenue to Hillcrest Avenue.

History, Status, or Impact if Delayed

Justification or Link to City Goals

This replacement project is necessary due to the existing 6" water line being old and made of cast iron material (note: subject to corrosion) and that future roadway improvements will be made along Virginia Street in this same area.

Section 3								Capital Costs	
Activity	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total		
Construction	537,000	0	0	0	0	0	537,000		
Total Capital Cost	537,000	0	0	0	0	0	537,000		

Section 4								New or Additional Impact on Operating Budget	
Type of Expenditure	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total		
Total									

Section 5								Method(s) of Financing	
Funding Source(s)	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total		
Capacity Fee	527,000	0	0	0	0	0	527,000		
Transfer From Water	10,000	0	0	0	0	0	10,000		
Total	537,000	0	0	0	0	0	537,000		

Section 6	Maps / Charts / Tables / Pictures	Section 7	Comments for Other Depts.
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City of Concord, North Carolina

Fiscal Year 2019-20 through 2023-24 Capital Improvement Plan

Section 1	CIP Title	Hillgrove WTP Bulk Storage Fluoride Tank					Budget Unit #	8700
Budget Unit	Water Projects	Functional Area	Water				Priority Rank	12
Total CIP Cost	Total Appropriations to date	Budget Year 1 FY2019-20	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP
			Year 2 FY2020-21	Year 3 FY2021-22	Year 4 FY2022-23	Year 5 FY2023-24		<input checked="" type="checkbox"/> New <input type="checkbox"/> Expansion <input type="checkbox"/> Replacement <input type="checkbox"/> Renovation <input type="checkbox"/> Land/ROW Acq. Required
300,000	0	300,000	0	0	0	0	300,000	

Section 2 Description

This project will put a large tank suitable for holding additional fluoride more safely than the current situation and will allow the purchase of fluoride in bulk at a lower price.

History, Status, or Impact if Delayed

Justification or Link to City Goals

Bulk fluoride is safer to store than many 55 gallon drums. Bulk fluoride is also less expensive than purchasing it in smaller amounts. This particular issue at the Hillgrove WTP is consistently noted during safety and plant inspections, and it has been recommended by both City safety staff and NCDENR personnel that we put in a bulk storage tank for fluoride.

Section 3 Capital Costs

Activity	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Design & Construction	300,000	0	0	0	0	0	300,000
Total Capital Cost	300,000	0	0	0	0	0	300,000

Section 4 New or Additional Impact on Operating Budget

Type of Expenditure	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
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Total

Section 5 Method(s) of Financing

Funding Source(s)	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Transfer From Water	300,000	0	0	0	0	0	300,000
Total	300,000	0	0	0	0	0	300,000

Section 6 Maps / Charts / Tables / Pictures **Section 7** Comments for Other Depts.

City of Concord, North Carolina

Fiscal Year 2019-20 through 2023-24 Capital Improvement Plan

Section 1	CIP Title	Hillgrove WTP Filter to Waste Valve Rehab/Replacement				Budget Unit #	8700		
Budget Unit	Water Projects	Functional Area	Water			Priority Rank	13		
Total CIP Cost	Total Appropriations to date	Budget Year 1 FY2019-20	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP	
			Year 2 FY2020-21	Year 3 FY2021-22	Year 4 FY2022-23	Year 5 FY2023-24		<input checked="" type="checkbox"/> New <input checked="" type="checkbox"/> Replacement <input type="checkbox"/> Land/ROW Acq. Required	<input type="checkbox"/> Expansion <input type="checkbox"/> Renovation
250,000	0	250,000	0	0	0	0	250,000		

Section 2 Description

This project will replace or rehabilitate the valves that lead from the filters to the waste system to be discarded.

History, Status, or Impact if Delayed

Justification or Link to City Goals

These particular valves are original to the plant (circa 1946) and are rusting in various places, including the nuts and valve discs. In addition, the valves leak and are unreliable now as they have exhausted their useful life.

Section 3 Capital Costs

Activity	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Design & Construction	250,000	0	0	0	0	0	250,000
Total Capital Cost	250,000	0	0	0	0	0	250,000

Section 4 New or Additional Impact on Operating Budget

Type of Expenditure	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Total							

Section 5 Method(s) of Financing

Funding Source(s)	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Transfer From Water	250,000	0	0	0	0	0	250,000
Total	250,000	0	0	0	0	0	250,000

Section 6 Maps / Charts / Tables / Pictures **Section 7** Comments for Other Depts.

City of Concord, North Carolina

Fiscal Year 2019-20 through 2023-24 Capital Improvement Plan

Section 1	CIP Title	Spring Street/Chestnut Drive/Broad Drive Intersection Improvement Water Line Replacement				Budget Unit #	8700		
Budget Unit	Water Projects		Functional Area	Water		Priority Rank	14		
Total CIP Cost	Total Appropriations to date	Budget Year 1 FY2019-20	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP	
			Year 2 FY2020-21	Year 3 FY2021-22	Year 4 FY2022-23	Year 5 FY2023-24		<input checked="" type="checkbox"/> New <input checked="" type="checkbox"/> Replacement <input type="checkbox"/> Land/ROW Acq. Required	<input type="checkbox"/> Expansion <input type="checkbox"/> Renovation
280,000	0	280,000	0	0	0	0	280,000		

Section 2 **Description**

This project is for providing water infrastructure replacements and/or relocations as necessary due to the proposed City Transportation Department improvement project located at the Spring Street/Chestnut Drive/Broad Drive intersection.

History, Status, or Impact if Delayed

Justification or Link to City Goals

These water infrastructure replacements and/or relocations within the project area described above will further enhance/improve the overall hydraulics of the water system and provide continued service to existing water customers.

Section 3 **Capital Costs**

Activity	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Design/Construction	280,000	0	0	0	0	0	280,000
Total Capital Cost	280,000	0	0	0	0	0	280,000

Section 4 **New or Additional Impact on Operating Budget**

Type of Expenditure	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Total							

Section 5 **Method(s) of Financing**

Funding Source(s)	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Transfer From Water	280,000	0	0	0	0	0	280,000
Total	280,000	0	0	0	0	0	280,000

Section 6 **Section 7**

Maps / Charts / Tables / Pictures Comments for Other Depts.

City of Concord, North Carolina

Fiscal Year 2019-20 through 2023-24 Capital Improvement Plan

Section 1	CIP Title	NC Highway 49 24" Water Line Extension				Budget Unit #	8700	
Budget Unit	Water Projects	Functional Area	Water			Priority Rank	15	
Total CIP Cost	Total Appropriations to date	Budget Year 1 FY2019-20	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP
			Year 2 FY2020-21	Year 3 FY2021-22	Year 4 FY2022-23	Year 5 FY2023-24		<input checked="" type="checkbox"/> New <input type="checkbox"/> Replacement <input checked="" type="checkbox"/> Land/ROW Acq. Required <input type="checkbox"/> Expansion <input type="checkbox"/> Renovation
7,188,000	0	900,000	6,288,000	0	0	0	7,188,000	

Section 2 Description

This project consists of providing a new 24" water line along NC Highway 49 from Stough Road to General Services Drive as part of a water system improvement.

History, Status, or Impact if Delayed

Justification or Link to City Goals

This new water line will further enhance system pressure and enable greater volumes of water to be distributed throughout our system more efficiently as outlined in the recently completed Water Master Plan project.

Section 3 Capital Costs

Activity	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Construction	0	6,288,000	0	0	0	0	6,288,000
Design	480,000	0	0	0	0	0	480,000
ROW	420,000	0	0	0	0	0	420,000
Total Capital Cost	900,000	6,288,000	0	0	0	0	7,188,000

Section 4 New or Additional Impact on Operating Budget

Type of Expenditure	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Total							

Section 5 Method(s) of Financing

Funding Source(s)	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Future Project Reserves	900,000	6,288,000	0	0	0	0	7,188,000
Total	900,000	6,288,000	0	0	0	0	7,188,000

Section 6 Maps / Charts / Tables / Pictures **Section 7** Comments for Other Depts.

City of Concord, North Carolina

Fiscal Year 2019-20 through 2023-24 Capital Improvement Plan

Section 1	CIP Title	Union Cemetery Road Realignment					Budget Unit #	8700
Budget Unit	Water Projects	Functional Area	Water				Priority Rank	16
Total CIP Cost	Total Appropriations to date	Budget Year 1 FY2019-20	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP
			Year 2 FY2020-21	Year 3 FY2021-22	Year 4 FY2022-23	Year 5 FY2023-24		<input type="checkbox"/> New <input checked="" type="checkbox"/> Replacement <input type="checkbox"/> Land/ROW Acq. Required <input type="checkbox"/> Expansion <input type="checkbox"/> Renovation
330,000	0	30,000	300,000	0	0	0	330,000	

Section 2 Description

This project consists of providing water infrastructure replacements and/or relocations as necessary due to the realignment of Union Cemetery Road as described in the proposed NCDOT project (TIP No. U-5956).

History, Status, or Impact if Delayed

Justification or Link to City Goals

These water infrastructure replacements and/or relocations within the project area described above will further enhance/improve the overall hydraulics of the water system and provide continued service to existing water customers.

Section 3	Capital Costs							
Activity	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total	
Construction	0	300,000	0	0	0	0	0	300,000
Design	30,000	0	0	0	0	0	0	30,000
Total Capital Cost	30,000	300,000	0	0	0	0	0	330,000

Section 4 New or Additional Impact on Operating Budget

Type of Expenditure	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
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Total

Section 5 Method(s) of Financing

Funding Source(s)	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Transfer From Water	30,000	300,000	0	0	0	0	330,000
Total	30,000	300,000	0	0	0	0	330,000

Section 6	Maps / Charts / Tables / Pictures	Section 7	Comments for Other Depts.
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City of Concord, North Carolina

Fiscal Year 2019-20 through 2023-24 Capital Improvement Plan

Section 1	CIP Title	US Highway 29/601 Bridge Over Irish Buffalo Creek					Budget Unit #	8700
Budget Unit	Water Projects	Functional Area	Water				Priority Rank	17
Total CIP Cost	Total Appropriations to date	Budget Year 1 FY2019-20	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP
			Year 2 FY2020-21	Year 3 FY2021-22	Year 4 FY2022-23	Year 5 FY2023-24		<input type="checkbox"/> New <input checked="" type="checkbox"/> Replacement <input type="checkbox"/> Land/ROW Acq. Required <input type="checkbox"/> Expansion <input type="checkbox"/> Renovation
220,000	0	20,000	200,000	0	0	0	220,000	

Section 2 Description

This project consists of providing water infrastructure replacements and/or relocations as necessary due to the replacement and/or widening of the existing bridge along US Highway 29/601 over Irish Buffalo Creek as described in the proposed NCDOT project (TIP No. B-5808).

History, Status, or Impact if Delayed

Justification or Link to City Goals

These water infrastructure replacements and/or relocations within the project area described above will further enhance/improve the overall hydraulics of the water system and provide continued service to existing water customers.

Section 3	Capital Costs							
Activity	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total	
Construction	0	200,000	0	0	0	0	0	200,000
Design	20,000	0	0	0	0	0	0	20,000
Total Capital Cost	20,000	200,000	0	0	0	0	0	220,000

Section 4 New or Additional Impact on Operating Budget

Type of Expenditure	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
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Total

Section 5	Method(s) of Financing							
Funding Source(s)	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total	
Transfer From Water	20,000	200,000	0	0	0	0	0	220,000
Total	20,000	200,000	0	0	0	0	0	220,000

Section 6	Maps / Charts / Tables / Pictures	Section 7	Comments for Other Depts.
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City of Concord, North Carolina

Fiscal Year 2019-20 through 2023-24 Capital Improvement Plan

Section 1	CIP Title	General Services Drive 12" Parallel Water Line					Budget Unit #	8700
Budget Unit	Water Projects	Functional Area	Water				Priority Rank	18
Total CIP Cost	Total Appropriations to date	Budget Year 1 FY2019-20	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP
			Year 2 FY2020-21	Year 3 FY2021-22	Year 4 FY2022-23	Year 5 FY2023-24		<input checked="" type="checkbox"/> New <input type="checkbox"/> Replacement <input checked="" type="checkbox"/> Land/ROW Acq. Required <input type="checkbox"/> Expansion <input type="checkbox"/> Renovation
500,000	0	0	64,000	436,000	0	0	500,000	

Section 2 Description

This project includes providing a new parallel 12" water line along General Services Drive from NC Highway 49 towards the City's Alfred Brown Center Complex as part of a water system improvement.

History, Status, or Impact if Delayed

Justification or Link to City Goals

This new water line will further enhance system pressure and enable greater volumes of water to be distributed throughout our system more efficiently as outlined in the recently completed Water Master Plan project.

Section 3 Capital Costs

Activity	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Construction	0	0	436,000	0	0	0	436,000
Design & R/W Acquisition	0	64,000	0	0	0	0	64,000
Total Capital Cost	0	64,000	436,000	0	0	0	500,000

Section 4 New or Additional Impact on Operating Budget

Type of Expenditure	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
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Total

Section 5 Method(s) of Financing

Funding Source(s)	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Transfer From Water	0	64,000	436,000	0	0	0	500,000
Total	0	64,000	436,000	0	0	0	500,000

Section 6 Maps / Charts / Tables / Pictures **Section 7** Comments for Other Depts.

City of Concord, North Carolina

Fiscal Year 2019-20 through 2023-24 Capital Improvement Plan

Section 1	CIP Title	Zion Church Road 12" Parallel Water Line					Budget Unit #	8700
Budget Unit	Water Projects	Functional Area	Water				Priority Rank	19
Total CIP Cost	Total Appropriations to date	Budget Year 1 FY2019-20	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP
			Year 2 FY2020-21	Year 3 FY2021-22	Year 4 FY2022-23	Year 5 FY2023-24		<input checked="" type="checkbox"/> New <input type="checkbox"/> Replacement <input checked="" type="checkbox"/> Land/ROW Acq. Required <input type="checkbox"/> Expansion <input type="checkbox"/> Renovation
618,000	0	0	100,000	518,000	0	0	618,000	

Section 2 Description

This project consists of providing a new parallel 12" water line along Zion Church Road from NC Highway 49 to Southern Chase Court as part of a water system improvement.

History, Status, or Impact if Delayed

Justification or Link to City Goals

This new water line will further enhance system pressure and enable greater volumes of water to be distributed throughout our system more efficiently as outlined in the recently completed Water Master Plan project.

Section 3 Capital Costs

Activity	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Construction	0	0	518,000	0	0	0	518,000
Design & R/W Acquisition	0	100,000	0	0	0	0	100,000
Total Capital Cost	0	100,000	518,000	0	0	0	618,000

Section 4 New or Additional Impact on Operating Budget

Type of Expenditure	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Total							

Section 5 Method(s) of Financing

Funding Source(s)	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Transfer From Water	0	100,000	518,000	0	0	0	618,000
Total	0	100,000	518,000	0	0	0	618,000

Section 6 Maps / Charts / Tables / Pictures **Section 7** Comments for Other Depts.

City of Concord, North Carolina

Fiscal Year 2019-20 through 2023-24 Capital Improvement Plan

Section 1	CIP Title	NC Highway 73 Widening - Poplar Tent Road to US Highway 29					Budget Unit #	8700
Budget Unit	Water Projects	Functional Area	Water				Priority Rank	20
Total CIP Cost	Total Appropriations to date	Budget Year 1 FY2019-20	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP
			Year 2 FY2020-21	Year 3 FY2021-22	Year 4 FY2022-23	Year 5 FY2023-24		<input type="checkbox"/> New <input checked="" type="checkbox"/> Replacement <input type="checkbox"/> Land/ROW Acq. Required <input type="checkbox"/> Expansion <input type="checkbox"/> Renovation
4,400,000	0	0	400,000	1,000,000	1,000,000	1,000,000	4,400,000	

Section 2 Description

This project consists of providing water infrastructure replacements and/or relocations as necessary due to the widening of NC Highway 73 from Poplar Tent Road to US Highway 29 as described in the proposed NCDOT project (TIP No. R-5706).

History, Status, or Impact if Delayed

Justification or Link to City Goals

These water infrastructure replacements and/or relocations within the project area described above will further enhance/improve the overall hydraulics of the water system and provide continued service to existing water customers.

Section 3 Capital Costs

Activity	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Construction	0	0	1,000,000	1,000,000	1,000,000	1,000,000	4,000,000
Design	0	400,000	0	0	0	0	400,000
Total Capital Cost	0	400,000	1,000,000	1,000,000	1,000,000	1,000,000	4,400,000

Section 4 New or Additional Impact on Operating Budget

Type of Expenditure	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
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Total

Section 5 Method(s) of Financing

Funding Source(s)	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Transfer from Water	0	400,000	1,000,000	1,000,000	1,000,000	1,000,000	4,400,000
Total	0	400,000	1,000,000	1,000,000	1,000,000	1,000,000	4,400,000

Section 6 Maps / Charts / Tables / Pictures **Section 7** Comments for Other Depts.

City of Concord, North Carolina

Fiscal Year 2019-20 through 2023-24 Capital Improvement Plan

Section 1	CIP Title	Coddle Creek WTP Dewatering Process Improvements				Budget Unit #	8700	
Budget Unit	Water Projects	Functional Area	Water			Priority Rank	21	
Total CIP Cost	Total Appropriations to date	Budget Year 1 FY2019-20	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP
			Year 2 FY2020-21	Year 3 FY2021-22	Year 4 FY2022-23	Year 5 FY2023-24		<input type="checkbox"/> New <input type="checkbox"/> Replacement <input type="checkbox"/> Land/ROW Acq. Required <input checked="" type="checkbox"/> Expansion <input checked="" type="checkbox"/> Renovation
4,800,000	0	0	0	4,800,000	0	0	4,800,000	

Section 2 Description

This project is to evaluate, design, and install the best option for the dewatering and solids handling process at the Coddle Creek Water Treatment Plant.

History, Status, or Impact if Delayed

Justification or Link to City Goals

As per the NPDES permit, the Coddle Creek WTP is required to properly dewater and dispose of sludge produced at the water treatment facility. Currently, the City spends nearly \$500,000 annually to meet these requirements. The goal of this project is to reduce the cost of the process and allow for a positive payback period while meeting/exceeding the NPDES requirements and sludge disposal.

Section 3 Capital Costs

Activity	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Design & Construction	0	0	4,800,000	0	0	0	4,800,000
Total Capital Cost	0	0	4,800,000	0	0	0	4,800,000

Section 4 New or Additional Impact on Operating Budget

Type of Expenditure	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Total							

Section 5 Method(s) of Financing

Funding Source(s)	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Transfer From Water	0	0	4,800,000	0	0	0	4,800,000
Total	0	0	4,800,000	0	0	0	4,800,000

Section 6 Maps / Charts / Tables / Pictures **Section 7** Comments for Other Depts.

City of Concord, North Carolina

Fiscal Year 2019-20 through 2023-24 Capital Improvement Plan

Section 1	CIP Title	NC Highway 73 Water Main Connection to Charlotte Water					Budget Unit #	8700
Budget Unit	Water Projects	Functional Area	Water				Priority Rank	22
Total CIP Cost	Total Appropriations to date	Budget Year 1 FY2019-20	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP
			Year 2 FY2020-21	Year 3 FY2021-22	Year 4 FY2022-23	Year 5 FY2023-24		<input checked="" type="checkbox"/> New <input type="checkbox"/> Replacement <input checked="" type="checkbox"/> Land/ROW Acq. Required <input type="checkbox"/> Expansion <input type="checkbox"/> Renovation
1,684,000	0	0	0	160,000	980,000	0	1,684,000	

Section 2 Description

This project will provide a connection to the Charlotte Water system located near the NC Highway 73 and Poplar Tent Road intersection.

History, Status, or Impact if Delayed

Justification or Link to City Goals

This project will include a connection to the Charlotte Water system along NC Highway 73 in order to provide water during an emergency situation in the future.

Section 3 Capital Costs

Activity	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Construction	0	0	0	980,000	0	0	980,000
Design & ROW	0	0	160,000	0	0	544,000	704,000
Total Capital Cost	0	0	160,000	980,000	0	544,000	1,684,000

Section 4 New or Additional Impact on Operating Budget

Type of Expenditure	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Total							

Section 5 Method(s) of Financing

Funding Source(s)	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Transfer from Water	0	0	160,000	980,000	0	544,000	1,684,000
Total	0	0	160,000	980,000	0	544,000	1,684,000

Section 6 Maps / Charts / Tables / Pictures **Section 7** Comments for Other Depts.

City of Concord, North Carolina

Fiscal Year 2019-20 through 2023-24 Capital Improvement Plan

Section 1	CIP Title	Poplar Tent Road Widening - East of I-85 to George Liles Boulevard					Budget Unit #	8700
Budget Unit	Water Projects	Functional Area	Water				Priority Rank	23
Total CIP Cost	Total Appropriations to date	Budget Year 1 FY2019-20	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP
			Year 2 FY2020-21	Year 3 FY2021-22	Year 4 FY2022-23	Year 5 FY2023-24		<input type="checkbox"/> New <input checked="" type="checkbox"/> Replacement <input type="checkbox"/> Land/ROW Acq. Required <input type="checkbox"/> Expansion <input type="checkbox"/> Renovation
2,200,000	0	0	0	200,000	1,000,000	1,000,000	2,200,000	

Section 2 Description

This project consists of providing water infrastructure replacements and/or relocations as necessary due to the widening of Poplar Tent Road from East of I-85 to George Liles Boulevard as described in the proposed NCDOT project (TIP No. U-3415).

History, Status, or Impact if Delayed

Justification or Link to City Goals

These water infrastructure replacements and/or relocations within the project area described above will further enhance/improve the overall hydraulics of the water system and provide continued service to existing water customers.

Section 3 Capital Costs

Activity	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Construction	0	0	0	1,000,000	1,000,000	0	2,000,000
Design	0	0	200,000	0	0	0	200,000
Total Capital Cost	0	0	200,000	1,000,000	1,000,000	0	2,200,000

Section 4 New or Additional Impact on Operating Budget

Type of Expenditure	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
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Total

Section 5 Method(s) of Financing

Funding Source(s)	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Transfer From Water	0	0	200,000	1,000,000	1,000,000	0	2,200,000
Total	0	0	200,000	1,000,000	1,000,000	0	2,200,000

Section 6 Maps / Charts / Tables / Pictures **Section 7** Comments for Other Depts.

City of Concord, North Carolina

Fiscal Year 2019-20 through 2023-24 Capital Improvement Plan

Section 1	CIP Title	George Liles Boulevard 24" Water Line Phase 4 - Roberta Road to NC Highway 49				Budget Unit #	8700		
Budget Unit	Water Projects	Functional Area	Water			Priority Rank	24		
Total CIP Cost	Total Appropriations to date	Budget Year 1 FY2019-20	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP	
			Year 2 FY2020-21	Year 3 FY2021-22	Year 4 FY2022-23	Year 5 FY2023-24		<input checked="" type="checkbox"/> New	<input type="checkbox"/> Expansion
							<input type="checkbox"/> Replacement	<input type="checkbox"/> Renovation	
							<input type="checkbox"/> Land/ROW Acq. Required		
2,875,000	0	0	0	0	2,875,000	0	2,875,000		

Section 2 **Description**

This project includes providing a new 24" water line from Roberta Road to NC Highway 49 as part of the NCDOT Westside Bypass Project.

History, Status, or Impact if Delayed

Justification or Link to City Goals

This new water line will further enhance system pressure and enable greater volumes of water to be distributed throughout our system more efficiently.

Section 3 **Capital Costs**

Activity	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Construction	0	0	0	2,875,000	0	0	2,875,000
Total Capital Cost	0	0	0	2,875,000	0	0	2,875,000

Section 4 **New or Additional Impact on Operating Budget**

Type of Expenditure	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Total							

Section 5 **Method(s) of Financing**

Funding Source(s)	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Transfer From Water	0	0	0	2,875,000	0	0	2,875,000
Total	0	0	0	2,875,000	0	0	2,875,000

Section 6 **Section 7**

Maps / Charts / Tables / Pictures Comments for Other Depts.

City of Concord, North Carolina

Fiscal Year 2019-20 through 2023-24 Capital Improvement Plan

Section 1	CIP Title	4 MGD Water Booster Pump Station				Budget Unit #	8700		
Budget Unit	Water Projects	Functional Area	Water			Priority Rank	25		
Total CIP Cost	Total Appropriations to date	Budget Year 1 FY2019-20	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP	
			Year 2 FY2020-21	Year 3 FY2021-22	Year 4 FY2022-23	Year 5 FY2023-24		<input checked="" type="checkbox"/> New	<input type="checkbox"/> Expansion
							<input type="checkbox"/> Replacement	<input type="checkbox"/> Renovation	
							<input type="checkbox"/> Land/ROW Acq. Required		
1,150,000	0	0	0	0	1,150,000	0	1,150,000		

Section 2 **Description**

This project includes the installation of a 4 MGD booster pump station that will be located at the George Liles Parkway/NC Highway 49 intersection between the existing 850 MSL and 890 MSL Pressure Zones.

History, Status, or Impact if Delayed

Justification or Link to City Goals

This particular project is necessary due to the new booster pump station being able to provide emergency water capacity to both the existing 850 MSL and 890 MSL Pressure Zones; thus, it will provide water capacity flow in both directions to the referenced pressure zones. Once this booster pump station is in operation, the existing Rocky River Pump Station can be taken off-line.

Section 3 **Capital Costs**

Activity	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Design & Construction	0	0	0	1,150,000	0	0	1,150,000
Total Capital Cost	0	0	0	1,150,000	0	0	1,150,000

Section 4 **New or Additional Impact on Operating Budget**

Type of Expenditure	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
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Total

Section 5 **Method(s) of Financing**

Funding Source(s)	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Transfer From Water	0	0	0	1,150,000	0	0	1,150,000
Total	0	0	0	1,150,000	0	0	1,150,000

Section 6 **Section 7**

Maps / Charts / Tables / Pictures

Comments for Other Depts.

City of Concord, North Carolina

Fiscal Year 2019-20 through 2023-24 Capital Improvement Plan

Section 1	CIP Title	US Highway 601 24" Water Line Extension - Zion Church Road to Miami Church Road				Budget Unit #	8700		
Budget Unit	Water Projects	Functional Area	Water			Priority Rank	26		
Total CIP Cost	Total Appropriations to date	Budget Year 1 FY2019-20	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP	
			Year 2 FY2020-21	Year 3 FY2021-22	Year 4 FY2022-23	Year 5 FY2023-24		<input checked="" type="checkbox"/> New	<input type="checkbox"/> Expansion
							<input type="checkbox"/> Replacement	<input type="checkbox"/> Renovation	
							<input type="checkbox"/> Land/ROW Acq. Required		
1,402,000	0	0	0	0	1,402,000	0	1,402,000		

Section 2 **Description**

This project consists of providing a new 24" water line along US Highway 601 from Zion Church Road to Miami Church Road as part of a water system improvement.

History, Status, or Impact if Delayed

Justification or Link to City Goals

This new water line will further enhance system pressure and enable greater volumes of water to be distributed throughout our system more efficiently as outlined in the completed Water Master Plan project.

Section 3 **Capital Costs**

Activity	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Design & Construction	0	0	0	1,402,000	0	0	1,402,000
Total Capital Cost	0	0	0	1,402,000	0	0	1,402,000

Section 4 **New or Additional Impact on Operating Budget**

Type of Expenditure	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Total							

Section 5 **Method(s) of Financing**

Funding Source(s)	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Transfer From Water	0	0	0	1,402,000	0	0	1,402,000
Total	0	0	0	1,402,000	0	0	1,402,000

Section 6 **Section 7**

Maps / Charts / Tables / Pictures Comments for Other Depts.

City of Concord, North Carolina

Fiscal Year 2019-20 through 2023-24 Capital Improvement Plan

Section 1	CIP Title	US Highway 601 Control Vault					Budget Unit #	8700
Budget Unit	Water Projects	Functional Area	Water			Priority Rank	27	
Total CIP Cost	Total Appropriations to date	Budget Year 1 FY2019-20	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP
			Year 2 FY2020-21	Year 3 FY2021-22	Year 4 FY2022-23	Year 5 FY2023-24		<input checked="" type="checkbox"/> New <input type="checkbox"/> Replacement <input type="checkbox"/> Land/ROW Acq. Required <input type="checkbox"/> Expansion <input type="checkbox"/> Renovation
156,000	0	0	0	0	156,000	0	156,000	

Section 2 **Description**

This project includes the installation of a water system control vault that will be located at the US Highway 601/Flowes Store Road intersection within the existing 890 MSL Pressure Zone.

History, Status, or Impact if Delayed

Justification or Link to City Goals

This particular project is necessary due to the new control vault being able to control the filling operation of the existing Midland Elevated Water Tank. Once this water system control vault is in operation, the existing US Highway 601 Pump Station can be taken off-line.

Section 3 **Capital Costs**

Activity	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Design & Construction	0	0	0	156,000	0	0	156,000
Total Capital Cost	0	0	0	156,000	0	0	156,000

Section 4 **New or Additional Impact on Operating Budget**

Type of Expenditure	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
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Total

Section 5 **Method(s) of Financing**

Funding Source(s)	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Transfer From Water	0	0	0	156,000	0	0	156,000
Total	0	0	0	156,000	0	0	156,000

Section 6 **Section 7**
 Maps / Charts / Tables / Pictures Comments for Other Depts.

City of Concord, North Carolina

Fiscal Year 2019-20 through 2023-24 Capital Improvement Plan

Section 1	CIP Title	US Highway 601 16" Water Line Extension - Flowes Store Road to Parks Lafferty Road				Budget Unit #	8700		
Budget Unit	Water Projects	Functional Area	Water			Priority Rank	28		
Total CIP Cost	Total Appropriations to date	Budget Year 1 FY2019-20	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP	
			Year 2 FY2020-21	Year 3 FY2021-22	Year 4 FY2022-23	Year 5 FY2023-24		<input checked="" type="checkbox"/> New	<input type="checkbox"/> Expansion
							<input type="checkbox"/> Replacement	<input type="checkbox"/> Renovation	
							<input type="checkbox"/> Land/ROW Acq. Required		
4,414,000	0	0	0	0	4,414,000	0	4,414,000		

Section 2 **Description**

This project consists of providing a new 16" water line along US Highway 601 from Flowes Store Road to Parks Lafferty Road as part of a water system improvement.

History, Status, or Impact if Delayed

Justification or Link to City Goals

This new water line will further enhance system pressure and enable greater volumes of water to be distributed throughout our system more efficiently as outlined in the completed Water Master Plan project.

Section 3 **Capital Costs**

Activity	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Design & Construction	0	0	0	4,414,000	0	0	4,414,000
Total Capital Cost	0	0	0	4,414,000	0	0	4,414,000

Section 4 **New or Additional Impact on Operating Budget**

Type of Expenditure	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
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Total

Section 5 **Method(s) of Financing**

Funding Source(s)	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Transfer From Water	0	0	0	4,414,000	0	0	4,414,000
Total	0	0	0	4,414,000	0	0	4,414,000

Section 6 **Section 7**
Maps / Charts / Tables / Pictures Comments for Other Depts.

City of Concord, North Carolina

Fiscal Year 2019-20 through 2023-24 Capital Improvement Plan

Section 1	CIP Title	Cross Country 16" Water Line Extension - NC Highway 49 to Rocky River Road				Budget Unit #	8700		
Budget Unit	Water Projects	Functional Area	Water			Priority Rank	29		
Total CIP Cost	Total Appropriations to date	Budget Year 1 FY2019-20	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP	
			Year 2 FY2020-21	Year 3 FY2021-22	Year 4 FY2022-23	Year 5 FY2023-24		<input checked="" type="checkbox"/> New	<input type="checkbox"/> Expansion
							<input type="checkbox"/> Replacement	<input type="checkbox"/> Renovation	
							<input type="checkbox"/> Land/ROW Acq. Required		
1,146,000	0	0	0	0	1,146,000	0	1,146,000		

Section 2 **Description**

This project consists of providing a new 16" cross country water line from NC Highway 49 to Rocky River Road as part of a water system improvement.

History, Status, or Impact if Delayed

Justification or Link to City Goals

To further enhance system pressure and enable greater volumes of water to be distributed throughout our system more efficiently as outlined in the completed Water Master Plan project.

Section 3	Capital Costs						
Activity	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Design & Construction	0	0	0	1,146,000	0	0	1,146,000
Total Capital Cost	0	0	0	1,146,000	0	0	1,146,000

Section 4	New or Additional Impact on Operating Budget						
Type of Expenditure	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Total							

Section 5	Method(s) of Financing						
Funding Source(s)	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Transfer From Water	0	0	0	1,146,000	0	0	1,146,000
Total	0	0	0	1,146,000	0	0	1,146,000

Section 6	Maps / Charts / Tables / Pictures	Section 7	Comments for Other Depts.
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City of Concord, North Carolina

Fiscal Year 2019-20 through 2023-24 Capital Improvement Plan

Section 1	CIP Title	Miami Church Road 12"/24" Parallel Water Line Extension - US Highway 601 to Cold Springs Road				Budget Unit #	8700	
Budget Unit	Water Projects	Functional Area	Water			Priority Rank	30	
Total CIP Cost	Total Appropriations to date	Budget Year 1 FY2019-20	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP
			Year 2 FY2020-21	Year 3 FY2021-22	Year 4 FY2022-23	Year 5 FY2023-24		<input checked="" type="checkbox"/> New <input type="checkbox"/> Replacement <input type="checkbox"/> Land/ROW Acq. Required <input type="checkbox"/> Expansion <input type="checkbox"/> Renovation
1,731,000	0	0	0	0	0	1,731,000	1,731,000	

Section 2 **Description**

This project consists of providing a new 12"/24" parallel water line along Miami Church Road from US Highway 601 to Cold Springs Road as part of a water system improvement.

History, Status, or Impact if Delayed

Justification or Link to City Goals

To further enhance system pressure and enable greater volumes of water to be distributed throughout our system more efficiently as outlined in the completed Water Master Plan project.

Section 3 **Capital Costs**

Activity	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Design & Construction	0	0	0	0	1,731,000	0	1,731,000
Total Capital Cost	0	0	0	0	1,731,000	0	1,731,000

Section 4 **New or Additional Impact on Operating Budget**

Type of Expenditure	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Total							

Section 5 **Method(s) of Financing**

Funding Source(s)	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Transfer From Water	0	0	0	0	1,731,000	0	1,731,000
Total	0	0	0	0	1,731,000	0	1,731,000

Section 6 **Section 7**

Maps / Charts / Tables / Pictures Comments for Other Depts.

City of Concord, North Carolina

Fiscal Year 2019-20 through 2023-24 Capital Improvement Plan

Section 1	CIP Title	Cold Springs Road 12" Water Line Extension - Miami Church Road to NC Highway 49				Budget Unit #	8700	
Budget Unit	Water Projects	Functional Area	Water			Priority Rank	31	
Total CIP Cost	Total Appropriations to date	Budget Year 1 FY2019-20	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP
			Year 2 FY2020-21	Year 3 FY2021-22	Year 4 FY2022-23	Year 5 FY2023-24		<input checked="" type="checkbox"/> New <input type="checkbox"/> Replacement <input type="checkbox"/> Land/ROW Acq. Required <input type="checkbox"/> Expansion <input type="checkbox"/> Renovation
2,759,000	0	0	0	0	0	2,759,000	2,759,000	

Section 2 **Description**

This project consists of providing a new 12" water line along Cold Springs Road from Miami Church Road to NC Highway 49 as part of a water system improvement.

History, Status, or Impact if Delayed

Justification or Link to City Goals

To further enhance system pressure and enable greater volumes of water to be distributed throughout our system more efficiently as outlined in the completed Water Master Plan project.

Section 3 **Capital Costs**

Activity	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Design & Construction	0	0	0	0	2,759,000	0	2,759,000
Total Capital Cost	0	0	0	0	2,759,000	0	2,759,000

Section 4 **New or Additional Impact on Operating Budget**

Type of Expenditure	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
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Total

Section 5 **Method(s) of Financing**

Funding Source(s)	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Transfer From Water	0	0	0	0	2,759,000	0	2,759,000
Total	0	0	0	0	2,759,000	0	2,759,000

Section 6 **Section 7** **Comments for Other Depts.**

Maps / Charts / Tables / Pictures

City of Concord, North Carolina

Fiscal Year 2019-20 through 2023-24 Capital Improvement Plan

Section 1	CIP Title	Parks Lafferty Road/Flowes Store Road 12" Water Line Extension - US Highway 601 to NC Highway 24/27					Budget Unit #	8700
Budget Unit	Water Projects	Functional Area	Water			Priority Rank	32	
Total CIP Cost	Total Appropriations to date	Budget Year 1 FY2019-20	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP
			Year 2 FY2020-21	Year 3 FY2021-22	Year 4 FY2022-23	Year 5 FY2023-24		<input checked="" type="checkbox"/> New <input type="checkbox"/> Replacement <input type="checkbox"/> Land/ROW Acq. Required <input type="checkbox"/> Expansion <input type="checkbox"/> Renovation
6,777,000	0	0	0	0	0	6,777,000	6,777,000	

Section 2 **Description**

This project consists of providing a new 12" water line along Parks Lafferty Road/Flowes Store Road from US Highway 601 to NC Highway 24/27 as part of a water system improvement.

History, Status, or Impact if Delayed

Justification or Link to City Goals

To further enhance system pressure and enable greater volumes of water to be distributed throughout our system more efficiently as outlined in the completed Water Master Plan project.

Section 3 **Capital Costs**

Activity	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Design & Construction	0	0	0	0	6,777,000	0	6,777,000
Total Capital Cost	0	0	0	0	6,777,000	0	6,777,000

Section 4 **New or Additional Impact on Operating Budget**

Type of Expenditure	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
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Total

Section 5 **Method(s) of Financing**

Funding Source(s)	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Transfer From Water	0	0	0	0	6,777,000	0	6,777,000
Total	0	0	0	0	6,777,000	0	6,777,000

Section 6 **Section 7**
 Maps / Charts / Tables / Pictures Comments for Other Depts.

City of Concord, North Carolina

Fiscal Year 2019-20 through 2023-24 Capital Improvement Plan

Section 1	CIP Title	Poplar Tent Road Widening - Derita Road to NC Highway 73					Budget Unit #	8700
Budget Unit	Water Projects	Functional Area	Water				Priority Rank	33
Total CIP Cost	Total Appropriations to date	Budget Year 1 FY2019-20	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP
			Year 2 FY2020-21	Year 3 FY2021-22	Year 4 FY2022-23	Year 5 FY2023-24		<input type="checkbox"/> New <input checked="" type="checkbox"/> Replacement <input type="checkbox"/> Land/ROW Acq. Required <input type="checkbox"/> Expansion <input type="checkbox"/> Renovation
3,300,000	0	0	0	0	0	300,000	3,300,000	

Section 2 Description

This project is for providing water infrastructure replacements and/or relocations as necessary due to the widening of Poplar Tent Road from Derita Road to NC Highway 73 as described in the proposed NCDOT project (TIP No. U-6029).

History, Status, or Impact if Delayed

Justification or Link to City Goals

These water infrastructure replacements and/or relocations within the project area described above will further enhance/improve the overall hydraulics of the water system and provide continued service to existing water customers.

Section 3	Capital Costs							
Activity	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total	
Construction	0	0	0	0	300,000	3,000,000	3,300,000	
Total Capital Cost	0	0	0	0	300,000	3,000,000	3,300,000	

Section 4	New or Additional Impact on Operating Budget							
Type of Expenditure	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total	
Total								

Section 5	Method(s) of Financing							
Funding Source(s)	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total	
Transfer From Water	0	0	0	0	300,000	3,000,000	3,300,000	
Total	0	0	0	0	300,000	3,000,000	3,300,000	

Section 6	Maps / Charts / Tables / Pictures	Section 7	Comments for Other Depts.
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City of Concord, North Carolina

Fiscal Year 2019-20 through 2023-24 Capital Improvement Plan

Section 1	CIP Title	NC Highway 3 Widening - Dale Earnhardt Boulevard to US Highway 601				Budget Unit #	8700		
Budget Unit	Water Projects	Functional Area	Water			Priority Rank	34		
Total CIP Cost	Total Appropriations to date	Budget Year 1 FY2019-20	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP	
			Year 2 FY2020-21	Year 3 FY2021-22	Year 4 FY2022-23	Year 5 FY2023-24		<input type="checkbox"/> New	<input type="checkbox"/> Expansion
			<input type="checkbox"/> Replacement	<input type="checkbox"/> Renovation					
			<input type="checkbox"/> Land/ROW Acq. Required						
1,100,000	0	0	0	0	0	100,000	1,100,000		

Section 2 **Description**

This project is for providing water infrastructure replacements and/or relocations as necessary due to the widening of NC Highway 3 from Dale Earnhardt Boulevard to US Highway 601 as described in the proposed NCDOT project (TIP No. U-5773).

History, Status, or Impact if Delayed

Justification or Link to City Goals

These water infrastructure replacements and/or relocations within the project area described above will further enhance/improve the overall hydraulics of the water system and provide continued service to existing water customers.

Section 3 **Capital Costs**

Activity	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Construction	0	0	0	0	100,000	1,000,000	1,100,000
Total Capital Cost	0	0	0	0	100,000	1,000,000	1,100,000

Section 4 **New or Additional Impact on Operating Budget**

Type of Expenditure	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
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Total

Section 5 **Method(s) of Financing**

Funding Source(s)	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Transfer From Water	0	0	0	0	100,000	1,000,000	1,100,000
Total	0	0	0	0	100,000	1,000,000	1,100,000

Section 6 **Section 7**

Maps / Charts / Tables / Pictures Comments for Other Depts.

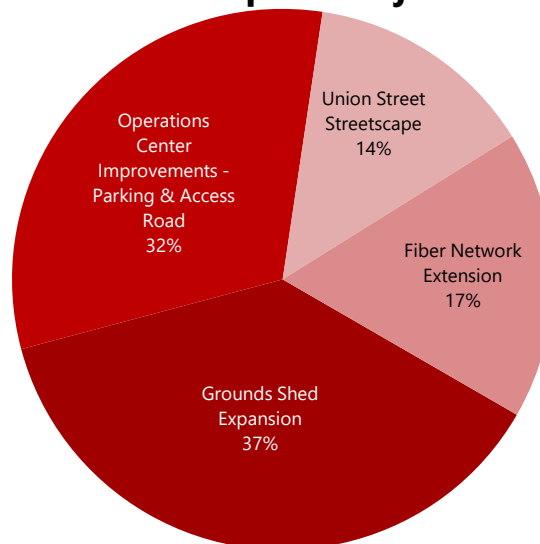
Fund 430: General Capital Projects

General Fund Capital Projects that are not Parks & Recreation or Fire projects are accounted for using this fund. This fund is comprised of the General Projects and the Brown Operations Complex Projects budget units.

	2019-2020 Approved	2020-2021 Planning Yr.	2021-2022 Planning Yr.	2022-2023 Planning Yr.	2023-2024 Planning Yr.	Future Planning Yr.
Expenses By Project						
Grounds Shed Expansion Operations Center Improvements - Parking & Access Road Operations Center Improvements - New Equipment Center	\$ 545,000	\$ -	\$ -	\$ -	\$ -	\$ -
Fleet Services Facility	\$ -	\$ 1,665,000	\$ -	\$ -	\$ -	\$ -
Union Street Streetscape Rutherford & West Concord Cemetery Expansions	\$ 200,000	\$ 2,000,000	\$ -	\$ -	\$ 780,000	\$ 11,920,000
Fiber Network Extension	\$ -	\$ 500,000	\$ -	\$ -	\$ -	\$ -
Total	\$ 1,453,000	\$ 4,415,000	\$ 250,000	\$ 825,000	\$ 1,030,000	\$ 11,920,000

	2019-2020 Approved	2020-2021 Planning Yr.	2021-2022 Planning Yr.	2022-2023 Planning Yr.	2023-2024 Planning Yr.	Future Planning Yr.
Revenues by Funding Source						
Transfer from General Capital Reserve	\$ 509,644	\$ 2,000,000	\$ -	\$ -	\$ -	\$ -
Transfer from Aviation	\$ 14,472	\$ 10,650	\$ 10,650	\$ 10,650	\$ 10,650	\$ -
Transfer from Electric	\$ 26,826	\$ 19,500	\$ 19,500	\$ 19,500	\$ 19,500	\$ -
Transfer from Sewer	\$ 13,077	\$ 7,025	\$ 7,025	\$ 7,025	\$ 7,025	\$ -
Transfer from Transit	\$ 2,548	\$ -	\$ -	\$ -	\$ -	\$ -
Transfer from Water	\$ 30,933	\$ 15,325	\$ 15,325	\$ 15,325	\$ 15,325	\$ -
General Fund Operating Revenues	\$ 200,000	\$ -	\$ -	\$ -	\$ -	\$ -
Transfer from General Fund	\$ 650,300	\$ 2,357,300	\$ 192,300	\$ 767,300	\$ 192,300	\$ -
Transfer from Stormwater	\$ 5,200	\$ 5,200	\$ 5,200	\$ 5,200	\$ 5,200	\$ -
Financing Proceeds	\$ -	\$ -	\$ -	\$ -	\$ 780,000	\$ 11,920,000
Total	\$ 1,453,000	\$ 4,415,000	\$ 250,000	\$ 825,000	\$ 1,030,000	\$ 11,920,000

FY 2020 General Capital Projects



City of Concord, North Carolina

Fiscal Year 2019-20 through 2023-24 Capital Improvement Plan

Section 1	CIP Title	Grounds Shed Expansion				Budget Unit #	8800		
Budget Unit	BOC Admin Projects	Functional Area	Public Works			Priority Rank	1		
Total CIP Cost	Total Appropriations to date	Budget Year 1 FY2019-20	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP	
			Year 2 FY2020-21	Year 3 FY2021-22	Year 4 FY2022-23	Year 5 FY2023-24		<input type="checkbox"/> New	<input checked="" type="checkbox"/> Expansion
			<input type="checkbox"/> Replacement	<input type="checkbox"/> Renovation					
			<input type="checkbox"/> Land/ROW Acq. Required						
545,000	0	545,000	0	0	0	0	545,000		

Section 2 **Description**

Expansion of the existing Grounds Shed would be approximately half the construction cost of a new Grounds Shed. This would be the Division's first choice as opposed to constructing an entirely new Grounds Shelter. This project would also include a mezzanine to accommodate the Grounds Crew Supervisors and to serve as a meeting place for a crew of 27 people. It would be 8,000 sq. ft. of covered storage area on a concrete slab. The design fees are not included as they are not anticipated with this expansion.

History, Status, or Impact if Delayed

This CIP requests expansion of the existing Grounds Shed. This expansion would address the growth in the Division for the next 10 years. If in the future additional covered storage area is needed, there is enough uncovered area adjacent to this area that the shed roof line could be expanded.

Justification or Link to City Goals

The Grounds Division has grown in response to the growth in City facilities and greenways. Continued growth in this Division is expected as the City continues to grow and as the City's greenways expand. Currently, vehicles and equipment are stored in the open, exposed to all weather elements. This includes the truck and equipment of the City Arborist as well. Additionally, this CIP would help alleviate the need for office space in the Ready Room Building by freeing up the office currently occupied by the (4) Grounds Crew Supervisors.

Section 3 **Capital Costs**

Activity	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Construction	545,000	0	0	0	0	0	545,000
Total Capital Cost	545,000	0	0	0	0	0	545,000

Section 4 **New or Additional Impact on Operating Budget**

Type of Expenditure	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Total							

Section 5 **Method(s) of Financing**

Funding Source(s)	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Capital Reserve	509,644	0	0	0	0	0	509,644
Transfer from Aviation	3,822	0	0	0	0	0	3,822
Transfer from Electric	7,326	0	0	0	0	0	7,326
Transfer from Sewer	6,052	0	0	0	0	0	6,052
Transfer from Transit	2,548	0	0	0	0	0	2,548
Transfer from Water	15,608	0	0	0	0	0	15,608
Total	545,000	0	0	0	0	0	545,000

Section 6 **Section 7**

Maps / Charts / Tables / Pictures

Comments for Other Depts.

Expansion of the existing Grounds Shed would leave availability to the Electric Department area adjacent to their newly proposed Electric Shed should they need that area in the future.

City of Concord, North Carolina

Fiscal Year 2019-20 through 2023-24 Capital Improvement Plan

Section 1	CIP Title	Operations Center Improvements - Parking & Access Road				Budget Unit #	8800	
Budget Unit	BOC Admin Projects	Functional Area	General Government			Priority Rank	2	
Total CIP Cost	Total Appropriations to date	Budget Year 1 FY2019-20	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP
			Year 2 FY2020-21	Year 3 FY2021-22	Year 4 FY2022-23	Year 5 FY2023-24		<input type="checkbox"/> New <input type="checkbox"/> Replacement <input type="checkbox"/> Land/ROW Acq. Required
1,075,000	42,000	458,000	0	0	575,000	0	<input checked="" type="checkbox"/> Expansion <input type="checkbox"/> Renovation	

Section 2 **Description**

The existing employee parking area at the Alfred M. Brown Operations Center is near capacity, making it difficult to host training events and Citywide functions. This project increases the number of parking spaces and provides an access road that minimizes conflicts between personal vehicles and City

History, Status, or Impact if Delayed

Justification or Link to City Goals

A space needs study was conducted for the Operations Center. This master plan projected 20 years of improvement needs. Phase 1, which consisted of an Intermediate Parking expansion of 24 parking places in the vicinity of the Department Head City vehicle parking behind the Admin Building, is complete. Phase 2 would enhance the same area as identified in Phase 1 by expanding to a total of 45 parking places and an additional 65 parking spaces to the lower side of the existing parking lot. Phase 3 (FY 23) would be adding the ring road to create better access/traffic flow into and out of the parking lot.

Section 3 **Capital Costs**

Activity	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Clear/Grade/Site Prep	458,000	0	0	575,000	0	0	1,033,000
Total Capital Cost	458,000	0	0	575,000	0	0	1,033,000

Section 4 **New or Additional Impact on Operating Budget**

Type of Expenditure	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Total							

Section 5 **Method(s) of Financing**

Funding Source(s)	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Transfer from General Fund	458,000	0	0	575,000	0	0	1,033,000
Total	458,000	0	0	575,000	0	0	1,033,000

Section 6 **Section 7**

Maps / Charts / Tables / Pictures

Comments for Other Depts.

City of Concord, North Carolina

Fiscal Year 2019-20 through 2023-24 Capital Improvement Plan

Section 1	CIP Title	Operations Center Improvements - New Equipment Shelter				Budget Unit #	8800		
Budget Unit	BOC Admin Projects		Functional Area	Public Works		Priority Rank	3		
Total CIP Cost	Total Appropriations to date	Budget Year 1 FY2019-20	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP	
			Year 2 FY2020-21	Year 3 FY2021-22	Year 4 FY2022-23	Year 5 FY2023-24		<input checked="" type="checkbox"/> New	<input type="checkbox"/> Expansion
							<input type="checkbox"/> Replacement	<input type="checkbox"/> Renovation	
							<input type="checkbox"/> Land/ROW Acq. Required		
1,665,000	0	0	1,665,000	0	0	0	1,665,000		

Section 2 **Description**

Facilities that house the City's infrastructure equipment, materials, and staff must be able to accommodate the City's changing needs. Within the next five years, it is anticipated that additional covered storage will be needed to protect an expanding fleet of heavy-duty vehicles and sensitive equipment from sun and rain exposure. This project includes the construction of a shelter similar in size and character to the existing equipment

History, Status, or Impact if Delayed

Justification or Link to City Goals

A space needs study was conducted for the Alfred M Brown Operations Center. This master plan projected 20 years of improvement needs. Phase I of this plan included the construction of three new equipment shelters and the extension of the four existing equipment shelters.

Section 3 **Capital Costs**

Activity	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Clear/Grade/Site Prep	0	765,000	0	0	0	0	765,000
Construction	0	700,000	0	0	0	0	700,000
Design	0	200,000	0	0	0	0	200,000
Total Capital Cost	0	1,665,000	0	0	0	0	1,665,000

Section 4 **New or Additional Impact on Operating Budget**

Type of Expenditure	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Total							

Section 5 **Method(s) of Financing**

Funding Source(s)	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Transfer from General Fund	0	1,665,000	0	0	0	0	1,665,000
Total	0	1,665,000	0	0	0	0	1,665,000

Section 6 **Section 7**

Maps / Charts / Tables / Pictures

Comments for Other Depts.

City of Concord, North Carolina

Fiscal Year 2019-20 through 2023-24 Capital Improvement Plan

Section 1	CIP Title	Fleet Services Facility				Budget Unit #	8800		
Budget Unit	BOC Admin Projects		Functional Area	Public Works		Priority Rank	4		
Total CIP Cost	Total Appropriations to date	Budget Year 1 FY2019-20	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP	
			Year 2 FY2020-21	Year 3 FY2021-22	Year 4 FY2022-23	Year 5 FY2023-24		<input checked="" type="checkbox"/> New	<input type="checkbox"/> Expansion
			<input type="checkbox"/> Replacement	<input type="checkbox"/> Renovation					
			<input type="checkbox"/> Land/ROW Acq. Required						
12,700,000	0	0	0	0	0	780,000	12,700,000		

Section 2 Description

This project consists of replacing the existing Fleet Facility with a larger facility built on the recently purchased 33 acres at the BOC. Identified as a priority in the BOC Space Needs Study, the larger facility will have to be sufficient for future growth, will incorporate fire apparatus, and present opportunities for the Radio Shop and Fire Logistics to be located in the new or old facility. This project also includes an additional service road, fuel facility (has, diesel, CNG, electric) and conversion of the parking of the old fuel facility.

History, Status, or Impact if Delayed

The BOC Space Needs Study, dated 1/27/10, identifies the Fleet building as too small for current needs and future growth. Due to its location, the current building cannot be enlarged. Adverse impacts include: increased fleet downtime; increased costs; and reduced customer service.

Justification or Link to City Goals

The BOC Space Needs Study identified the fleet facility for replacement due to growth and the inability to expand the current building. The Concord fleet has nearly doubled in size since the design of the current fleet building, which has created the need for two shifts to accomplish required maintenance of the 1,000+ sized vehicle fleet. The additional requirements of maintaining the fire apparatus has added another 25 heavy-duty vehicles to Fleet's workload when facilitated the need to convert the current wash bay to work space. The new facility would also provide needed staging areas for active and surplus equipment.

Section 3 Capital Costs

Activity	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Clear/Grade/Site Prep	0	0	0	0	0	3,140,000	3,140,000
Construction	0	0	0	0	0	6,860,000	6,860,000
Engineering/Architectural Services	0	0	0	0	600,000	120,000	720,000
Heavy Equipment/Apparatus	0	0	0	0	0	1,300,000	1,300,000
Light Equip/Furniture	0	0	0	0	0	500,000	500,000
Preliminary Design	0	0	0	0	180,000	0	180,000
Total Capital Cost	0	0	0	0	780,000	11,920,000	12,700,000

Section 4 New or Additional Impact on Operating Budget

Type of Expenditure	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Total							

Section 5 Method(s) of Financing

Funding Source(s)	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Debt Financing	0	0	0	0	780,000	11,920,000	12,700,000
Total	0	0	0	0	780,000	11,920,000	12,700,000

Section 6 Maps / Charts / Tables / Pictures **Section 7** **Comments for Other Depts.**

City of Concord, North Carolina

Fiscal Year 2019-20 through 2023-24 Capital Improvement Plan

Section 1	CIP Title	Union Street Streetscape					Budget Unit #	8804	
Budget Unit	General Projects	Functional Area	Economic Development				Priority Rank	1	
Total CIP Cost	Total Appropriations to date	Budget Year 1 FY2019-20	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP	
			Year 2 FY2020-21	Year 3 FY2021-22	Year 4 FY2022-23	Year 5 FY2023-24		<input type="checkbox"/> New	<input type="checkbox"/> Expansion
							<input type="checkbox"/> Replacement	<input checked="" type="checkbox"/> Renovation	
			<input type="checkbox"/> Land/ROW Acq. Required						
4,200,000	2,000,000	200,000	2,000,000	0	0	0	2,200,000		

Section 2 Description

This project consists of widening existing sidewalks, infrastructure improvements as needed, replacing street trees and light poles, etc.

History, Status, or Impact if Delayed

This project was identified as a part of the 2016 Downtown Master Plan and was discussed as a part of the 2018 City Council Goals. The estimated construction time is expected to be 18-24 months.

Justification or Link to City Goals

This project was a 2018 City Council Goal.

Section 3 Capital Costs

Activity	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Construction & Lighting Equipment	0	2,000,000	0	0	0	0	2,000,000
Total Capital Cost	0	2,000,000	0	0	0	0	2,000,000

Section 4 New or Additional Impact on Operating Budget

Type of Expenditure	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Design	200,000	0	0	0	0	0	200,000
Total	200,000	0	0	0	0	0	200,000

Section 5 Method(s) of Financing

Funding Source(s)	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Transfer from Capital Reserve	0	2,000,000	0	0	0	0	2,000,000
4920 - Operating Budget	200,000	0	0	0	0	0	200,000
Total	200,000	2,000,000	0	0	0	0	2,200,000

Section 6 Maps / Charts / Tables / Pictures **Section 7** Comments for Other Depts.

City of Concord, North Carolina

Fiscal Year 2019-20 through 2023-24 Capital Improvement Plan

Section 1	CIP Title	Rutherford & West Concord Cemetery Expansions				Budget Unit #	8804	
Budget Unit	General Projects	Functional Area	Cemeteries			Priority Rank	2	
Total CIP Cost	Total Appropriations to date	Budget Year 1 FY2019-20	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP
			Year 2 FY2020-21	Year 3 FY2021-22	Year 4 FY2022-23	Year 5 FY2023-24		<input type="checkbox"/> New <input type="checkbox"/> Replacement <input type="checkbox"/> Land/ROW Acq. Required <input checked="" type="checkbox"/> Expansion <input type="checkbox"/> Renovation
901,351	401,351	0	500,000	0	0	0	500,000	

Section 2 Description

This project consists of developing remaining property at Rutherford and West Concord Cemeteries to develop additional grave plots.

History, Status, or Impact if Delayed

If this CIP does not receive funding, Cemeteries will run out of available plots.

Justification or Link to City Goals

The cost estimate includes site development, asphalt paving, stormwater management, and utilities.

Section 3 Capital Costs

Activity	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Engineering	0	500,000	0	0	0	0	500,000
Total Capital Cost	0	500,000	0	0	0	0	500,000

Section 4 New or Additional Impact on Operating Budget

Type of Expenditure	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Total							

Section 5 Method(s) of Financing

Funding Source(s)	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Transfer from General Fund	0	500,000	0	0	0	0	500,000
Total	0	500,000	0	0	0	0	500,000

Section 6 Maps / Charts / Tables / Pictures **Section 7** Comments for Other Depts.



Engineering has begun surveying the tree-covered area and will provide final design.

City of Concord, North Carolina

Fiscal Year 2019-20 through 2023-24 Capital Improvement Plan

Section 1	CIP Title	Fiber Network Extension					Budget Unit #	8804
Budget Unit	General Projects	Functional Area	General Capital				Priority Rank	3
Total CIP Cost	Total Appropriations to date	Budget Year 1 FY2019-20	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP
			Year 2 FY2020-21	Year 3 FY2021-22	Year 4 FY2022-23	Year 5 FY2023-24		<input type="checkbox"/> New <input type="checkbox"/> Replacement <input type="checkbox"/> Land/ROW Acq. Required <input checked="" type="checkbox"/> Expansion <input type="checkbox"/> Renovation
1,882,015	632,015	250,000	250,000	250,000	250,000	250,000	1,250,000	

Section 2 Description

This project consists of a fiber network extension to provide high bandwidth connectivity for data, video, telephone, and SCADA needs for various City departments.

History, Status, or Impact if Delayed

The network provides faster connectivity and has reduced telephone costs by removing lease lines.

Justification or Link to City Goals

The existing fiber network was built over the last decade and has no redundant connection due to the project's cost and a focus on other City priorities.

Section 3 Capital Costs

Activity	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Construction of Fiber Lines	250,000	250,000	250,000	250,000	250,000	0	1,250,000
Total Capital Cost	250,000	250,000	250,000	250,000	250,000	0	1,250,000

Section 4 New or Additional Impact on Operating Budget

Type of Expenditure	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Total							

Section 5 Method(s) of Financing

Funding Source(s)	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Transfer from Aviation	10,650	10,650	10,650	10,650	10,650	0	53,250
Transfer from Electric	19,500	19,500	19,500	19,500	19,500	0	97,500
Transfer from Gen Fund	192,300	192,300	192,300	192,300	192,300	0	961,500
Transfer from Stormwater	5,200	5,200	5,200	5,200	5,200	0	26,000
Transfer from Wastewater	7,025	7,025	7,025	7,025	7,025	0	35,125
Transfer from Water	15,325	15,325	15,325	15,325	15,325	0	76,625
Total	250,000	250,000	250,000	250,000	250,000	0	1,250,000

Section 6 Maps / Charts / Tables / Pictures **Section 7** Comments for Other Depts.

Fund 451: Aviation Capital Expenditures

Aviation projects are accounted for using this fund. It is comprised of the Airport Projects budget unit.

	2019-2020 Approved	2020-2021 Planning Yr.	2021-2022 Planning Yr.	2022-2023 Planning Yr.	2023-2024 Planning Yr.	Future Planning Yr.
Expenses By Project						
SDA Commercial Passenger Terminal Building						
Phase 2	\$ -	\$ -		\$ -	\$ 7,300,000	\$ 8,000,000
Runway 20 EMAS	\$ -	\$ -	\$ 938,676	\$ -	\$ 3,754,700	\$ -
South Development Apron Expansion Phase 2	\$ -			\$ 4,740,589	\$ 250,000	\$ 5,914,000
Airport Fire Station and Security Center	\$ -	\$ -	\$ 100,000	\$ 1,643,000	\$ -	\$ -
Airport Hangar Taxilane Rehabilitation& Taxilane Strengthening	\$ -	\$ 100,000	\$ 5,060,000		\$ -	\$ -
East Side Airport Land Acquisition Area	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 5,090,000
North Apron Expansion Phase 3	\$ -	\$ 250,000	\$ 1,750,000	\$ -	\$ -	\$ -
New Relocated Airport Control Tower	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,500,000
FBO Terminal Building Rehabilitation	\$ -	\$ -	\$ -	\$ -	\$ 580,000	\$ 12,800,000
Corporate Hangar Development	\$ -	\$ -	\$ 3,500,000		\$ -	\$ -
Myint Lane Airport Access Road	\$ -	\$ -	\$ 700,000	\$ -	\$ -	\$ -
Myint Lane Airport Apron Development	\$ -	\$ 150,000	\$ 1,200,000	\$ -	\$ -	\$ -
Airport Helipads	\$ -	\$ -	\$ -	\$ 410,000	\$ -	\$ -
Runway Widening	\$ -	\$ 6,000,000	\$ 4,000,000	\$ -	\$ -	\$ -
North Internal Service Road	\$ -	\$ -	\$ -	\$ 2,149,300	\$ -	\$ -
	\$ -	\$ 6,500,000	\$ 17,248,676	\$ 8,942,889	\$ 11,884,700	\$ 35,304,000

	2019-2020 Approved	2020-2021 Planning Yr.	2021-2022 Planning Yr.	2022-2023 Planning Yr.	2023-2024 Planning Yr.	Future Planning Yr.
Revenues by Funding Source						
Grant Proceeds	\$ -	\$ 483,750	\$ 8,598,242	\$ 8,363,773	\$ 10,745,715	\$ 21,305,900
Transfer from Aviation	\$ -	\$ 616,250	\$ 1,900,434	\$ 579,116	\$ 558,985	\$ 1,198,100
Other Income	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 6,400,000
Transfer from Capital Projects	\$ -	\$ -	\$ -	\$ -	\$ 580,000	\$ 6,400,000
Federal Aid	\$ -	\$ 5,400,000	\$ 6,750,000	\$ -	\$ -	\$ -
Total	\$ -	\$ 6,500,000	\$ 17,248,676	\$ 8,942,889	\$ 11,884,700	\$ 35,304,000



City of Concord, North Carolina

Fiscal Year 2019-20 through 2023-24 Capital Improvement Plan

Section 1	CIP Title	SDA Commercial Passenger Terminal Building Phase 2					Budget Unit #	6300	
Budget Unit	Airport Projects	Functional Area				Aviation	Priority Rank	1	
Total CIP Cost	Total Appropriations to date	Budget Year 1 FY2019-20	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP	
			Year 2 FY2020-21	Year 3 FY2021-22	Year 4 FY2022-23	Year 5 FY2023-24		<input checked="" type="checkbox"/> New	<input type="checkbox"/> Expansion
							<input type="checkbox"/> Replacement	<input type="checkbox"/> Renovation	
							<input type="checkbox"/> Land/ROW Acq. Required		
15,300,000	0	0	0	0	0	7,300,000	15,300,000		

Section 2 Description

This project involves the construction of a passenger processing and baggage screening building in the South Development Area. The facility will be large enough to handle passengers for two large aircraft flight operations and is anticipated to be constructed in conjunction with the South Development Apron project and Fencing project.

History, Status, or Impact if Delayed

This is proposed in conjunction with two other projects that will assist the Airport with numerous problems created by the increase in large aircraft operations (Charter and scheduled service). The Passenger Terminal building provides a secure indoor area for required security screening and streamlines the boarding process.

Justification or Link to City Goals

This project has been added to the Airport Layout Plan and will meet the Aviation Department's goal for customer service, safety, and revenue generation goals.

Section 3 Capital Costs

Activity	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Construction - Building/Utility	0	0	0	0	7,300,000	8,000,000	15,300,000
Total Capital Cost	0	0	0	0	7,300,000	8,000,000	15,300,000

Section 4 New or Additional Impact on Operating Budget

Type of Expenditure	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Total							

Section 5 Method(s) of Financing

Funding Source(s)	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Federal Grant	0	0	0	0	6,570,000	6,500,000	13,070,000
State Grant	0	0	0	0	365,000	750,000	1,115,000
Transfer from Aviation	0	0	0	0	365,000	750,000	1,115,000
Total	0	0	0	0	7,300,000	8,000,000	15,300,000

Section 6 Maps / Charts / Tables / Pictures **Section 7 Comments for Other Depts.**

City of Concord, North Carolina

Fiscal Year 2019-20 through 2023-24 Capital Improvement Plan

Section 1	CIP Title	Runway 20 EMAS					Budget Unit #	6300
Budget Unit	Airport Projects	Functional Area				Aviation	Priority Rank	2
Total CIP Cost	Total Appropriations to date	Budget Year 1 FY2019-20	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP
			Year 2 FY2020-21	Year 3 FY2021-22	Year 4 FY2022-23	Year 5 FY2023-24		<input checked="" type="checkbox"/> New <input type="checkbox"/> Replacement <input type="checkbox"/> Land/ROW Acq. Required <input type="checkbox"/> Expansion <input type="checkbox"/> Renovation
4,693,376	0	0	0	938,676	0	3,754,700	4,693,376	

Section 2 Description

An Engineered Materials Arresting Systems (EMAS) is a recent technology of crushable material placed at the end of a runway and designed to absorb the forward momentum of an aircraft that overshoots the runway. Runway 20 does not meet the current FAA standard for Runway Safety Area and an EMAS would meet the requirement. The FAA has requested this situation be evaluated.

History, Status, or Impact if Delayed

With larger aircraft now using the airport, the FAA is mandating the increased runway safety area. FAA would fund the project at 90% funding level as a safety priority project.

Justification or Link to City Goals

Safety and economic development are the goals of this project and it is an FAA requested project. Runway 20 at the airport currently only has 600 feet of safety area beyond the runway pavement end. The FAA requires 1,000 feet. An EMAS is an efficient way of providing 1,000 feet of overrun area without actually having the entire area available. Having the EMAS would give the airport additional runway length for takeoffs to the south.

Section 3 Capital Costs

Activity	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Construction - Building/Utility	0	0	0	0	3,754,700	0	3,754,700
Engineering/Arch Design	0	0	938,676	0	0	0	938,676
Total Capital Cost	0	0	938,676	0	3,754,700	0	4,693,376

Section 4 New or Additional Impact on Operating Budget

Type of Expenditure	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Total							

Section 5 Method(s) of Financing

Funding Source(s)	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Federal Grant	0	0	844,808	0	3,379,230	0	4,224,038
State Grant	0	0	46,934	0	187,735	0	234,669
Transfer from Aviation	0	0	46,934	0	187,735	0	234,669
Total	0	0	938,676	0	3,754,700	0	4,693,376

Section 6 Maps / Charts / Tables / Pictures **Section 7 Comments for Other Depts.**

City of Concord, North Carolina

Fiscal Year 2019-20 through 2023-24 Capital Improvement Plan

Section 1	CIP Title	South Development Apron Expansion Phase 2					Budget Unit #	6300
Budget Unit	Airport Projects	Functional Area	Aviation				Priority Rank	3
Total CIP Cost	Total Appropriations to date	Budget Year 1 FY2019-20	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP
			Year 2 FY2020-21	Year 3 FY2021-22	Year 4 FY2022-23	Year 5 FY2023-24		<input type="checkbox"/> New <input type="checkbox"/> Replacement <input type="checkbox"/> Land/ROW Acq. Required
10,904,589	0	0	0	0	4,740,589	250,000	<input checked="" type="checkbox"/> Expansion <input type="checkbox"/> Renovation	

Section 2 **Description**

This project would complete the South Development Area build out by filling in the remaining unused area and constructing an aircraft apron that would connect the South Development Area Phase I Apron to the existing south ramp of the main terminal ramp at Concord Regional Airport.

History, Status, or Impact if Delayed

This is a new Capital Project and was also included in the 5 year TIP submitted to the State of North Carolina DOT Aviation Division. This project would help with efficiency, allow growth, and keep space available for airline operations that are separate from general aviation operations, which is a DHS-TSA security requirement.

Justification or Link to City Goals

This project would help with the expansion of scheduled airline and large aircraft charter operations by expanding the designated ramp area available for these activities and allow the airport to continue to grow this aviation segment at the airport.

Section 3 **Capital Costs**

Activity	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Preliminary Design/Plans	0	0	0	4,740,589	250,000	5,914,000	10,904,589
Total Capital Cost	0	0	0	4,740,589	250,000	5,914,000	10,904,589

Section 4 **New or Additional Impact on Operating Budget**

Type of Expenditure	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Total							

Section 5 **Method(s) of Financing**

Funding Source(s)	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Federal Grant	0	0	0	3,792,472	237,500	5,618,300	9,648,272
State Grant	0	0	0	474,059	6,250	147,850	628,159
Transfer from Aviation	0	0	0	474,058	6,250	147,850	628,158
Total	0	0	0	4,740,589	250,000	5,914,000	10,904,589

Section 6 **Section 7**

Maps / Charts / Tables / Pictures

Comments for Other Depts.

City of Concord, North Carolina

Fiscal Year 2019-20 through 2023-24 Capital Improvement Plan

Section 1	CIP Title	Airport Fire Station and Security Center					Budget Unit #	6300
Budget Unit	Airport Projects	Functional Area	Aviation				Priority Rank	4
Total CIP Cost	Total Appropriations to date	Budget Year 1 FY2019-20	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP
			Year 2 FY2020-21	Year 3 FY2021-22	Year 4 FY2022-23	Year 5 FY2023-24		
1,743,000	0	0	0	100,000	1,643,000	0	1,743,000	

Section 2 **Description**

This project is for the construction of a new multi-purpose Airport Fire Station & Safety building capable of accommodating two ARFF units and housing an airport security center with additional space for offices and possibly, US Customs services.

History, Status, or Impact if Delayed

This is the seventh year this project has been included in the airport CIP. The project is eligible for Federal FAA funding at a 90% level. In 2008 in addition to the fire station, a security center was added to the facility, which may make the facility eligible for additional grant funding sources.

Justification or Link to City Goals

The current station is no longer ideally suited (location, layout, or size) for a station at the airport. The number of aircraft and aircraft operations as well as size of aircraft have increased substantially in the past several years, and that growth is continuing. Since the airport now has a 139 certificate, there are mandatory FAA requirements related to ARFF truck response time to airport incidents. Having a modern station that faces the runway will help ensure the City can meet the needs of a rapidly growing airport and any federal requirements. A centralized security center would allow staff to better monitor airport activities and enhance security.

Section 3 **Capital Costs**

Activity	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Airport Fire Station & Security Center	0	0	100,000	1,643,000	0	0	1,743,000
Total Capital Cost	0	0	100,000	1,643,000	0	0	1,743,000

Section 4 **New or Additional Impact on Operating Budget**

Type of Expenditure	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Total							

Section 5 **Method(s) of Financing**

Funding Source(s)	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Federal Grant	0	0	95,000	1,560,850	0	0	1,655,850
State Grant	0	0	2,500	41,075	0	0	43,575
Transfer from Aviation	0	0	2,500	41,075	0	0	43,575
Total	0	0	100,000	1,643,000	0	0	1,743,000

Section 6 **Section 7**
 Maps / Charts / Tables / Pictures Comments for Other Depts.

City of Concord, North Carolina

Fiscal Year 2019-20 through 2023-24 Capital Improvement Plan

Section 1	CIP Title	Airport Hangar Taxilane Rehabilitation & Taxilane Strengthening				Budget Unit #	6300		
Budget Unit	Airport Projects	Functional Area	Aviation			Priority Rank	5		
Total CIP Cost	Total Appropriations to date	Budget Year 1 FY2019-20	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP	
			Year 2 FY2020-21	Year 3 FY2021-22	Year 4 FY2022-23	Year 5 FY2023-24		<input type="checkbox"/> New	<input type="checkbox"/> Expansion
			<input type="checkbox"/> Replacement	<input checked="" type="checkbox"/> Renovation					
			<input type="checkbox"/> Land/ROW Acq. Required						
5,160,000	0	0	100,000	5,060,000	0	0	5,160,000		

Section 2 **Description**

This project involves the rehabilitation of the original pavement between the hangar cul-de-sac areas at the airport that were originally constructed in 1993-1994 time period. There are nine of these areas and this project could be done in phases to minimize disruption to airport users.

History, Status, or Impact if Delayed

The main Airport Apron and Taxiway areas were recently overlaid in 2012, but these cul-de-sac areas were not included in that part of the project. Several areas of pavement show significant wear, such as cracking and substantial pooling after weather events. Poor pavement presents a customer service and safety issue and eventually, could prevent the department from fully utilizing hangars at the airport due to not being able to move aircraft over the damaged areas of pavement.

Justification or Link to City Goals

This project is listed on the Airport Master Plan, State TIP plan, and Airport Layout Plan. This project meets the Council Goal to maintain aggressive efforts to obtain FAA funding for Airport capital improvements and safety projects, provided State and local matches are available.

Section 3 **Capital Costs**

Activity	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Airport Hangar Taxilane Rehabilitation	0	100,000	5,060,000	0	0	0	5,160,000
Total Capital Cost	0	100,000	5,060,000	0	0	0	5,160,000

Section 4 **New or Additional Impact on Operating Budget**

Type of Expenditure	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Total							

Section 5 **Method(s) of Financing**

Funding Source(s)	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Federal Grant	0	95,000	4,553,000	0	0	0	4,648,000
State Grant	0	2,500	253,500	0	0	0	256,000
Transfer from Aviation	0	2,500	253,500	0	0	0	256,000
Total	0	100,000	5,060,000	0	0	0	5,160,000

Section 6 **Section 7**

Maps / Charts / Tables / Pictures

Comments for Other Depts.

City of Concord, North Carolina

Fiscal Year 2019-20 through 2023-24 Capital Improvement Plan

Section 1	CIP Title	East Side Airport Land Acquisition Area					Budget Unit #	6300
Budget Unit	Airport Projects	Functional Area	Aviation				Priority Rank	6
Total CIP Cost	Total Appropriations to date	Budget Year 1 FY2019-20	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP
			Year 2 FY2020-21	Year 3 FY2021-22	Year 4 FY2022-23	Year 5 FY2023-24		<input checked="" type="checkbox"/> New <input type="checkbox"/> Replacement <input checked="" type="checkbox"/> Land/ROW Acq. Required <input type="checkbox"/> Expansion <input type="checkbox"/> Renovation
5,090,000	0	0	0	0	0	0	5,090,000	

Section 2 Description

This CIP project provides funds for the acquisition of the remaining properties off Ivy Cline Road between the existing airport property and I-85 (40.07 acres).

History, Status, or Impact if Delayed

This project was added into the CIP and Airport Layout Plan now that commercial scheduled airline operations have started at Concord Regional Airport. As these operations grow and more flights occur, a separate and dedicated area will need to be constructed, and this area will be needed.

Justification or Link to City Goals

These acquisitions would allow for the future development of an Airline terminal area at Concord Regional Airport that would be separate from the general aviation operations, which would remain on the west side of the airport. A permanent Airline terminal area would require an entrance road and complementary development.

Section 3	Capital Costs							
Activity	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total	
East Side Airport Land Acquisition Area	0	0	0	0	0	5,090,000	5,090,000	
Total Capital Cost	0	0	0	0	0	5,090,000	5,090,000	

Section 4 New or Additional Impact on Operating Budget

Type of Expenditure	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Total							

Section 5 Method(s) of Financing

Funding Source(s)	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Federal Grant	0	0	0	0	0	4,839,500	4,839,500
State Grant	0	0	0	0	0	125,250	125,250
Transfer from Aviation	0	0	0	0	0	125,250	125,250
Total	0	0	0	0	0	5,090,000	5,090,000

Section 6 Maps / Charts / Tables / Pictures **Section 7** Comments for Other Depts.

City of Concord, North Carolina

Fiscal Year 2019-20 through 2023-24 Capital Improvement Plan

Section 1	CIP Title	North Apron Expansion Phase 3					Budget Unit #	6300
Budget Unit	Airport Projects	Functional Area				Aviation	Priority Rank	7
Total CIP Cost	Total Appropriations to date	Budget Year 1 FY2019-20	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP
			Year 2 FY2020-21	Year 3 FY2021-22	Year 4 FY2022-23	Year 5 FY2023-24		<input type="checkbox"/> New <input type="checkbox"/> Replacement <input type="checkbox"/> Land/ROW Acq. Required
2,000,000	0	0	250,000	1,750,000	0	0	2,000,000	<input checked="" type="checkbox"/> Expansion <input type="checkbox"/> Renovation

Section 2 Description

This project expands the existing common apron to the north to support additional hangar development next to Hangar H.

History, Status, or Impact if Delayed

This is the fifth year this project has been identified in the CIP. This site has received additional fill dirt from the North Apron Expansion Phase II project that was completed in FY 09. This project will be constructed only when funding becomes available.

Justification or Link to City Goals

Justification for the project is that it promotes economic development and helps in making the airport as self-sustaining as possible. The common ramp would be eligible for FAA funding participation and would allow one or two additional private hangars next to a prime piece of property adjacent to a taxiway to be developed.

Section 3 Capital Costs

Activity	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
North Apron Expansion Phase 3	0	250,000	1,750,000	0	0	0	2,000,000
Total Capital Cost	0	250,000	1,750,000	0	0	0	2,000,000

Section 4 New or Additional Impact on Operating Budget

Type of Expenditure	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Total							

Section 5 Method(s) of Financing

Funding Source(s)	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Federal Grant	0	237,500	1,575,000	0	0	0	1,812,500
State Grant	0	6,250	87,500	0	0	0	93,750
Transfer from Aviation	0	6,250	87,500	0	0	0	93,750
Total	0	250,000	1,750,000	0	0	0	2,000,000

Section 6 Maps / Charts / Tables / Pictures **Section 7** Comments for Other Depts.

City of Concord, North Carolina

Fiscal Year 2019-20 through 2023-24 Capital Improvement Plan

Section 1	CIP Title	New Relocated Airport Control Tower				Budget Unit #	6300		
Budget Unit	Airport Projects	Functional Area	Aviation			Priority Rank	8		
Total CIP Cost	Total Appropriations to date	Budget Year 1 FY2019-20	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP	
			Year 2 FY2020-21	Year 3 FY2021-22	Year 4 FY2022-23	Year 5 FY2023-24		<input checked="" type="checkbox"/> New	<input type="checkbox"/> Expansion
							<input type="checkbox"/> Replacement	<input type="checkbox"/> Renovation	
							<input type="checkbox"/> Land/ROW Acq. Required		
3,500,000	0	0	0	0	0	0	3,500,000		

Section 2 **Description**

This project will relocate the Air Traffic Control Tower from on top of the existing terminal building to a new site. A study was completed that indicated a new tower could be built in close proximity to the current location at a height of 125 feet.

History, Status, or Impact if Delayed

Air Traffic Control was started in October 1998 at the airport. Over the last 10 years, aircraft traffic and aircraft size have increased substantially. Also, the existing tower's low height causes controllers serious depth perception problems and they do not have the ability to see the entire airport including taxiway "G" and south development areas. Current status: A tower site location has been approved.

Justification or Link to City Goals

The current tower cab has limited space with no expansion capacity. It was not designed for the current level of activity. With the runway extension, increasing traffic, a new north taxiway, and the south development area; the tower needs to be higher to enhance visibility and safety. The current tower is actually 16 feet below the threshold of runway 20. State and federal funds would be available, and it is a priority with the NCDOT-Aviation Division. Because the aircraft activity has increased, we are now a 100% funded contract tower meaning we do not pay for the personnel to operate the tower.

Section 3 **Capital Costs**

Activity	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Clear/Grade/Site Prep	0	0	0	0	0	300,000	300,000
Construction	0	0	0	0	0	3,000,000	3,000,000
Light Equip/Furniture	0	0	0	0	0	200,000	200,000
Preliminary Design/Plans	0	0	0	0	0	0	0
Total Capital Cost	0	0	0	0	0	3,500,000	3,500,000

Section 4 **New or Additional Impact on Operating Budget**

Type of Expenditure	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Total							

Section 5 **Method(s) of Financing**

Funding Source(s)	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Federal Grant	0	0	0	0	0	3,150,000	3,150,000
State Grant	0	0	0	0	0	175,000	175,000
Transfer from Aviation	0	0	0	0	0	175,000	175,000
Total	0	0	0	0	0	3,500,000	3,500,000

Section 6 **Section 7**

Maps / Charts / Tables / Pictures

Comments for Other Depts.

City of Concord, North Carolina

Fiscal Year 2019-20 through 2023-24 Capital Improvement Plan

Section 1	CIP Title	FBO Terminal Building Rehabilitation				Budget Unit #	6300		
Budget Unit	Airport Projects	Functional Area	Aviation			Priority Rank	9		
Total CIP Cost	Total Appropriations to date	Budget Year 1 FY2019-20	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP	
			Year 2 FY2020-21	Year 3 FY2021-22	Year 4 FY2022-23	Year 5 FY2023-24		<input type="checkbox"/> New	<input type="checkbox"/> Expansion
			<input type="checkbox"/> Replacement	<input checked="" type="checkbox"/> Renovation					
			<input type="checkbox"/> Land/ROW Acq. Required						
13,380,000	0	0	0	0	0	580,000	13,380,000		

Section 2 **Description**

This project would renovate and expand the existing Fixed Base Operation General Aviation Airport Passenger Terminal Building to meet the increasing growth and immediate and future space needs. This project would add administrative offices, pilot areas, passenger areas, meeting space, offices for rent, rental car areas, security/passenger processing areas, and possible space for a restaurant partner.

History, Status, or Impact if Delayed

The terminal building is becoming outdated and its capacity exceeds design when NASCAR teams depart for races each week. Our FBO is a gateway into the community for general aviation and business essential to economic development for our area. Other projects have been placed on a higher priority, but the need for expansion exists. A partner for expanding this facility may also be a possibility to reduce costs and risks for the City.

Justification or Link to City Goals

This is a project outlined in the Airport Master Plan. It is also a revenue generating and an economic development project, which increases tax revenues and creates jobs. It will provide businesses the opportunity to have access to offices at the airport. The existing terminal building was never designed to accommodate the type and number of people that go through the building during a NASCAR race weekend. When many race team aircraft depart around the same time, their passengers overload the existing lobby. Even larger aircraft are now being used with additional security screening requirements that we cannot accommodate in the building.

Section 3 **Capital Costs**

Activity	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Construction	0	0	0	0	0	12,800,000	12,800,000
FBO Terminal Building Rehabilitation Design	0	0	0	0	580,000	0	580,000
Total Capital Cost	0	0	0	0	580,000	12,800,000	13,380,000

Section 4 **New or Additional Impact on Operating Budget**

Type of Expenditure	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
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Total

Section 5 **Method(s) of Financing**

Funding Source(s)	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Capital Reserve	0	0	0	0	580,000	6,400,000	6,980,000
Public-Private Partnership	0	0	0	0	0	6,400,000	6,400,000
Total	0	0	0	0	580,000	12,800,000	13,380,000

Section 6 **Section 7**

Maps / Charts / Tables / Pictures **Comments for Other Depts.**

City of Concord, North Carolina

Fiscal Year 2019-20 through 2023-24 Capital Improvement Plan

Section 1	CIP Title	Corporate Hangar Development				Budget Unit #	6300		
Budget Unit	Airport Projects	Functional Area	Aviation			Priority Rank	10		
Total CIP Cost	Total Appropriations to date	Budget Year 1 FY2019-20	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP	
			Year 2 FY2020-21	Year 3 FY2021-22	Year 4 FY2022-23	Year 5 FY2023-24		<input checked="" type="checkbox"/> New	<input type="checkbox"/> Expansion
							<input type="checkbox"/> Replacement	<input type="checkbox"/> Renovation	
							<input type="checkbox"/> Land/ROW Acq. Required		
3,500,000	0	0	0	3,500,000	0	0	3,500,000		

Section 2 **Description**

This project would be for the construction of individual corporate hangars around 12,000 SF in size. These buildings would be leased back to tenants as a revenue generating mechanism for the aviation department (amortized net cost, plus ground rent, plus 5% profit margin).

History, Status, or Impact if Delayed

This project was added due to demand for such facilities that are not currently available at the airport. If this option is not available, potential long term tenants may go elsewhere. The City would lose annual tax revenues for multi-million dollar aircraft, jobs, fuel sale profits, and additional sources of revenue that would help the Aviation Department Enterprise Fund reach self-sufficiency.

Justification or Link to City Goals

This project is in the Airport Master Plan. Additional justifications for this project are that it responds to the needs of customers and promotes economic development at the Airport and for the City. This project would only be completed with approved long-term leases. This is not a speculation building project.

Section 3 **Capital Costs**

Activity	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Corporate Hangar Development	0	0	3,500,000	0	0	0	3,500,000
Total Capital Cost	0	0	3,500,000	0	0	0	3,500,000

Section 4 **New or Additional Impact on Operating Budget**

Type of Expenditure	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Total							

Section 5 **Method(s) of Financing**

Funding Source(s)	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Grant	0	0	3,150,000	0	0	0	3,150,000
Grant Match	0	0	350,000	0	0	0	350,000
Total	0	0	3,500,000	0	0	0	3,500,000

Section 6 **Section 7**

Maps / Charts / Tables / Pictures

Comments for Other Depts.

City of Concord, North Carolina

Fiscal Year 2019-20 through 2023-24 Capital Improvement Plan

Section 1	CIP Title	Myint Lane Airport Access Road				Budget Unit #	6300		
Budget Unit	Airport Projects	Functional Area	Aviation			Priority Rank	11		
Total CIP Cost	Total Appropriations to date	Budget Year 1 FY2019-20	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP	
			Year 2 FY2020-21	Year 3 FY2021-22	Year 4 FY2022-23	Year 5 FY2023-24		<input checked="" type="checkbox"/> New	<input type="checkbox"/> Expansion
							<input type="checkbox"/> Replacement	<input type="checkbox"/> Renovation	
							<input type="checkbox"/> Land/ROW Acq. Required		
700,000	0	0	0	700,000	0	0	700,000		

Section 2 **Description**

This project creates a second airport access point from the end of existing Myint Lane to the new North Myint Hangar Area Development. This project is also a starting point for the airport perimeter service road that is in the Airport Master Plan.

History, Status, or Impact if Delayed

This CIP project has been included in the CIP since Taxiway "G" was constructed. The access road would be next to the proposed Ganassi Hangar and provide access to a future fuel farm area that the City will use to service the North Myint Hangar Area and other developments along the new North Taxiway.

Justification or Link to City Goals

With the completion of the new North Taxiway, access to development along that area is needed. Property around the south and east sides of Myint Lane is property currently owned by the City and constructing an access road would allow that area to be opened up for private and small aircraft hangar development.

Section 3 **Capital Costs**

Activity	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Preliminary Design	0	0	700,000	0	0	0	700,000
Total Capital Cost	0	0	700,000	0	0	0	700,000

Section 4 **New or Additional Impact on Operating Budget**

Type of Expenditure	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Total							

Section 5 **Method(s) of Financing**

Funding Source(s)	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Transfer from Aviation	0	0	700,000	0	0	0	700,000
Total	0	0	700,000	0	0	0	700,000

Section 6 **Section 7**

Maps / Charts / Tables / Pictures

Comments for Other Depts.

City of Concord, North Carolina

Fiscal Year 2019-20 through 2023-24 Capital Improvement Plan

Section 1	CIP Title	Myint Lane Airport Apron Development					Budget Unit #	6300
Budget Unit	Airport Projects	Functional Area	Aviation				Priority Rank	12
Total CIP Cost	Total Appropriations to date	Budget Year 1 FY2019-20	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP
			Year 2 FY2020-21	Year 3 FY2021-22	Year 4 FY2022-23	Year 5 FY2023-24		<input checked="" type="checkbox"/> New <input type="checkbox"/> Replacement <input type="checkbox"/> Land/ROW Acq. Required <input type="checkbox"/> Expansion <input type="checkbox"/> Renovation
1,350,000	0	0	150,000	1,200,000	0	0	1,350,000	

Section 2 Description

This project is for the development of a public aircraft apron and hangar sites that connect to the new North Taxiway. The ramp areas may be eligible for FAA grant funding.

History, Status, or Impact if Delayed

With the North Taxiway now complete, this project would help meet the need for additional sites for small aircraft hangars at the airport and help utilize the new taxiway.

Justification or Link to City Goals

With the City's major investment in the North Taxiway project, development is needed that would access the taxiway and generate additional revenues for the airport. This project will provide sites for small hangars of about 5,000 SF or T-hangars for smaller General Aviation Aircraft. A self-service AVGAS fueling area may also be provided.

Section 3 Capital Costs

Activity	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Preliminary Design	0	150,000	1,200,000	0	0	0	1,350,000
Total Capital Cost	0	150,000	1,200,000	0	0	0	1,350,000

Section 4 New or Additional Impact on Operating Budget

Type of Expenditure	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Total							

Section 5 Method(s) of Financing

Funding Source(s)	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Federal Grant	0	135,000	1,080,000	0	0	0	1,215,000
State Grant	0	7,500	60,000	0	0	0	67,500
Transfer from Aviation	0	7,500	60,000	0	0	0	67,500
Total	0	150,000	1,200,000	0	0	0	1,350,000

Section 6 Maps / Charts / Tables / Pictures **Section 7 Comments for Other Depts.**

City of Concord, North Carolina

Fiscal Year 2019-20 through 2023-24 Capital Improvement Plan

Section 1	CIP Title	Airport Helipads				Budget Unit #	6300		
Budget Unit	Airport Projects	Functional Area	Aviation			Priority Rank	13		
Total CIP Cost	Total Appropriations to date	Budget Year 1 FY2019-20	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP	
			Year 2 FY2020-21	Year 3 FY2021-22	Year 4 FY2022-23	Year 5 FY2023-24		<input type="checkbox"/> New <input checked="" type="checkbox"/> Replacement <input type="checkbox"/> Land/ROW Acq. Required	<input type="checkbox"/> Expansion <input type="checkbox"/> Renovation
410,000	0	0	0	0	410,000	0	410,000		

Section 2 **Description**

This project would construct permanent concrete helipads at the Concord Regional Airport to replace existing ones lost due to recent ramp expansion projects at the airport. Helipad locations would be determined after space analysis is completed and would be constructed when funding becomes available.

History, Status, or Impact if Delayed

Helipads are needed for current and for anticipated future helicopter traffic growth. They replace pads that were lost as a result of recent construction projects. The airport is currently using several mobile pads called dollies, but they do not work for larger helicopters.

Justification or Link to City Goals

Safety and economic development are the primary reasons for this project. With the recent completion of the North Apron Expansion and South Development area, the Airport lost an existing helipad and areas where helicopters would park at the airport. For safety reasons, it is critical to have a designated area for helicopter activity that is free of obstacles and away from other aircraft. During race operations the airport sees several hundred helicopter operations and does not have sufficient landing areas for these aircraft.

Section 3 **Capital Costs**

Activity	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Construction	0	0	0	410,000	0	0	410,000
Total Capital Cost	0	0	0	410,000	0	0	410,000

Section 4 **New or Additional Impact on Operating Budget**

Type of Expenditure	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Total							

Section 5 **Method(s) of Financing**

Funding Source(s)	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Federal Grant	0	0	0	389,500	0	0	389,500
State Grant	0	0	0	10,250	0	0	10,250
Transfer from Aviation	0	0	0	10,250	0	0	10,250
Total	0	0	0	410,000	0	0	410,000

Section 6 **Section 7**
Maps / Charts / Tables / Pictures Comments for Other Depts.

City of Concord, North Carolina

Fiscal Year 2019-20 through 2023-24 Capital Improvement Plan

Section 1	CIP Title	North Internal Service Road				Budget Unit #	6300		
Budget Unit	Airport Projects	Functional Area	Aviation			Priority Rank	14		
Total CIP Cost	Total Appropriations to date	Budget Year 1 FY2019-20	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP	
			Year 2 FY2020-21	Year 3 FY2021-22	Year 4 FY2022-23	Year 5 FY2023-24		<input checked="" type="checkbox"/> New	<input type="checkbox"/> Expansion
							<input type="checkbox"/> Replacement	<input type="checkbox"/> Renovation	
							<input type="checkbox"/> Land/ROW Acq. Required		
2,149,300	0	0	0	0	2,149,300	0	2,149,300		

Section 2 Description

This project consists of the construction of an internal service road from the north apron to the North Myint Access Road.

History, Status, or Impact if Delayed

If unable to construct this roadway, airport fuel trucks and other vehicles would need to travel taxiways, which is a safety issue with the FAA. The road would also provide a secondary access to the airport improving safety and emergency response. This roadway may be eligible for federal funding assistance.

Justification or Link to City Goals

Safety and customer service are primary reasons why this road is needed. It will allow internal access from the main airport area to the new Hangar development area adjacent to Taxiway "G". The road would allow vehicles to avoid going near an active runway or a taxiway, which can be dangerous and create potential conflicts with aircraft.

Section 3 Capital Costs

Activity	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Construction	0	0	0	1,824,300	0	0	1,824,300
Preliminary Design	0	0	0	325,000	0	0	325,000
Total Capital Cost	0	0	0	2,149,300	0	0	2,149,300

Section 4 New or Additional Impact on Operating Budget

Type of Expenditure	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Total							

Section 5 Method(s) of Financing

Funding Source(s)	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Federal Grant	0	0	0	2,041,834	0	0	2,041,834
State Grant	0	0	0	53,733	0	0	53,733
Transfer from Aviation	0	0	0	53,733	0	0	53,733
Total	0	0	0	2,149,300	0	0	2,149,300

Section 6 Maps / Charts / Tables / Pictures **Section 7** **Comments for Other Depts.**

City of Concord, North Carolina

Fiscal Year 2019-20 through 2023-24 Capital Improvement Plan

Section 1	CIP Title	Runway Widening				Budget Unit #	6300		
Budget Unit	Airport Projects	Functional Area	Aviation			Priority Rank	15		
Total CIP Cost	Total Appropriations to date	Budget Year 1 FY2019-20	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP	
			Year 2 FY2020-21	Year 3 FY2021-22	Year 4 FY2022-23	Year 5 FY2023-24		<input type="checkbox"/> New	<input checked="" type="checkbox"/> Expansion
							<input type="checkbox"/> Replacement	<input type="checkbox"/> Renovation	
							<input type="checkbox"/> Land/ROW Acq. Required		
10,000,000	0	0	6,000,000	4,000,000	0	0	10,000,000		

Section 2 Description

This project is for an expansion of the existing runway from 100' to 150' wide, in order to accommodate commercial traffic.

History, Status, or Impact if Delayed

Justification or Link to City Goals

FAA guidance advises 150' wide runway for the type of aircraft operating out of Concord-Padgett Regional Airport.

Section 3 Capital Costs

Activity	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Construction	0	6,000,000	4,000,000	0	0	0	10,000,000
Total Capital Cost	0	6,000,000	4,000,000	0	0	0	10,000,000

Section 4 New or Additional Impact on Operating Budget

Type of Expenditure	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Total							

Section 5 Method(s) of Financing

Funding Source(s)	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Federal Grant	0	5,400,000	3,600,000	0	0	0	9,000,000
Local Grant Match	0	600,000	400,000	0	0	0	1,000,000
Total	0	6,000,000	4,000,000	0	0	0	10,000,000

Section 6 Maps / Charts / Tables / Pictures **Section 7 Comments for Other Depts.**

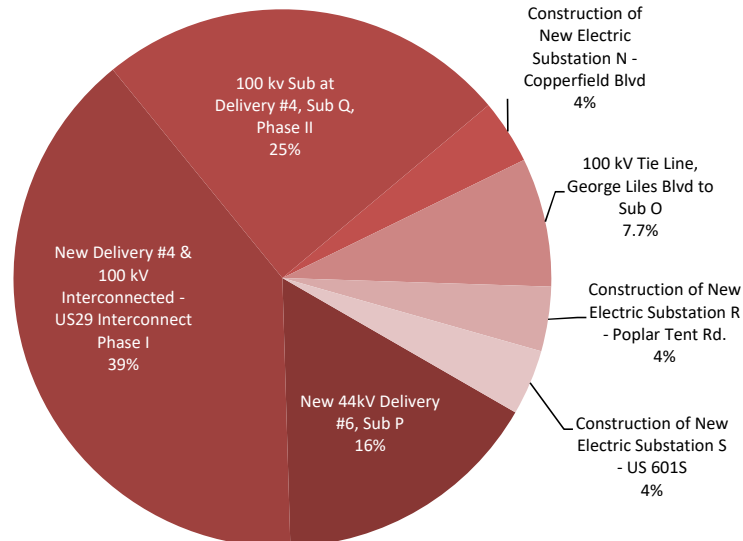
Fund 473: Electric Capital Projects

Electric projects are accounted for using this fund. It is comprised of the Electric Projects budget unit.

	2019-2020 Approved	2020-2021 Planning Yr.	2021-2022 Planning Yr.	2022-2023 Planning Yr.	2023-2024 Planning Yr.	Future Planning Yr.
Expenses By Project						
New 44kV Delivery #6, Sub P	\$ 2,090,000	\$ -	\$ -	\$ -	\$ -	\$ -
New Delivery #4 & 100 kV Interconnected - US29 Interconnect Phase I	\$ 5,109,912	\$ 5,000,000	\$ -	\$ -	\$ -	\$ -
100 kv Sub at Delivery #4, Sub Q, Phase II	\$ 3,195,254	\$ -	\$ -	\$ -	\$ -	\$ -
Construction of New Electric Substation N - Copperfield Blvd	\$ 500,000	\$ 3,160,000	\$ -	\$ -	\$ -	\$ -
100 kV Transformer	\$ -	\$ 850,000	\$ -	\$ -	\$ -	\$ -
100 kV Interconnect Between Delivery #4 and Sub E	\$ -	\$ 1,000,000	\$ 3,658,000	\$ -	\$ -	\$ -
100 kV Tie Line, George Liles Blvd to Sub O	\$ 1,000,000	\$ 3,465,000	\$ -	\$ -	\$ -	\$ -
Construction of New Electric Substation R - Poplar Tent Rd.	\$ 500,000	\$ 500,000	\$ -	\$ -	\$ 3,010,000	\$ -
Construction of New Electric Substation S - US 601S	\$ 510,000	\$ -	\$ 3,510,000	\$ -	\$ -	\$ -
Delivery #1 Replacement	\$ -	\$ 300,000	\$ -	\$ 2,125,000	\$ -	\$ -
44kV Transformer Replacement, Sub F	\$ -	\$ 1,000,000	\$ -	\$ -	\$ -	\$ -
New Electric Substation T	\$ -	\$ 1,000,000	\$ -	\$ -	\$ -	\$ 3,010,000
44kV Transformer Replacement, Sub B	\$ -	\$ -	\$ 1,000,000	\$ -	\$ -	\$ -
Replace Existing 750 MCM	\$ -	\$ -	\$ -	\$ -	\$ 3,050,000	\$ -
Total	\$ 12,905,166	\$ 16,275,000	\$ 8,168,000	\$ 2,125,000	\$ 6,060,000	\$ 3,010,000

	2019-2020 Approved	2020-2021 Planning Yr.	2021-2022 Planning Yr.	2022-2023 Planning Yr.	2023-2024 Planning Yr.	Future Planning Yr.
Revenues by Funding Source						
Transfer from Electric	\$ 9,488,441	\$ 2,000,000	\$ 1,210,000	\$ 2,125,000	\$ -	\$ -
Bond Proceeds	\$ -	\$ 14,275,000	\$ 6,958,000	\$ -	\$ 6,060,000	\$ 3,010,000
Utility Capital Reserve	\$ 3,416,725	\$ -	\$ -	\$ -	\$ -	\$ -
Total	\$ 12,905,166	\$ 16,275,000	\$ 8,168,000	\$ 2,125,000	\$ 6,060,000	\$ 3,010,000

FY 2020 Electric Capital Projects



City of Concord, North Carolina

Fiscal Year 2019-20 through 2023-24 Capital Improvement Plan

Section 1	CIP Title	New 44kV Delivery #6 East of Concord - Sub P				Budget Unit #	6949	
Budget Unit	Electric Projects	Functional Area	Electric			Priority Rank	1	
Total CIP Cost	Total Appropriations to date	Budget Year 1 FY2019-20	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP
			Year 2 FY2020-21	Year 3 FY2021-22	Year 4 FY2022-23	Year 5 FY2023-24		<input checked="" type="checkbox"/> New <input type="checkbox"/> Replacement <input checked="" type="checkbox"/> Land/ROW Acq. Required <input type="checkbox"/> Expansion <input type="checkbox"/> Renovation
2,090,000	0	2,090,000	0	0	0	0	2,090,000	

Section 2 Description

This project will construct a 44kV power delivery point East of Concord from which the City will purchase power from the electric grid. The project will consist of a 44kV station and four 44kV circuit breakers. The project will also include extension of 44kV transmission line to create an interconnect with existing transmission lines providing power to Sub G and Sub I.

History, Status, or Impact if Delayed

This project will provide a power source for a new 44kV/12.4kV substation in the Hwy 49 area, needed to address projected growth in this area. This 44kV Delivery Point will provide additional capacity to electric infrastructure in the Eastern service area and relieve capacity issues present at Delivery #2 as well as providing an alternate source of power for Substations G, I, D, and C thereby improving reliability of the electric system.

Justification or Link to City Goals

The Eastern portion of the City's service area is prime for growth near the Hwy 49 corridor and the Cabarrus County Arena. The City has already been approached by developers working on projects in the area. The City electric infrastructure in this area is severely limited by capacity issues at Delivery #2. The City's ability to serve new customers in the Eastern service area will be deeply impacted by delays to this project.

Section 3 Capital Costs

Activity	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Construction	1,500,000	0	0	0	0	0	1,500,000
Engineering	90,000	0	0	0	0	0	90,000
Land/ROW	500,000	0	0	0	0	0	500,000
Total Capital Cost	2,090,000	0	0	0	0	0	2,090,000

Section 4 New or Additional Impact on Operating Budget

Type of Expenditure	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Total							

Section 5 Method(s) of Financing

Funding Source(s)	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Transfer from Electric	2,090,000	0	0	0	0	0	2,090,000
Total	2,090,000	0	0	0	0	0	2,090,000

Section 6 Maps / Charts / Tables / Pictures **Section 7** **Comments for Other Depts.**



City of Concord, North Carolina

Fiscal Year 2019-20 through 2023-24 Capital Improvement Plan

Section 1	CIP Title	New Delivery #4 & 100 kV Exits Down Hwy 29 - Interconnect - Phase 1					Budget Unit #	6949	
Budget Unit	Electric Projects	Functional Area			Electric	Priority Rank		2	
Total CIP Cost	Total Appropriations to date	Budget Year 1 FY2019-20	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP	
			Year 2 FY2020-21	Year 3 FY2021-22	Year 4 FY2022-23	Year 5 FY2023-24		<input checked="" type="checkbox"/> New	<input type="checkbox"/> Expansion
			<input type="checkbox"/> Replacement	<input type="checkbox"/> Renovation					
			<input type="checkbox"/> Land/ROW Acq. Required						
11,479,912	1,370,000	5,109,912	5,000,000	0	0	0	10,109,912		

Section 2 **Description**

This project will provide construction of a 100 kV power delivery point from which the City will purchase power from the electric grid. This project will also consist of a 3.5 mile 100kV transmission line to integrate this Delivery Point with the existing 100 kV infrastructure on Concord Parkway South. This project will also include a 100-44 kv step down transformer to support Duke's Delivery #2.

History, Status, or Impact if Delayed

This project is a component of a ten-year plan to update and improve electric system infrastructure. The project will provide alternative circuit switching capability and will also allow capacity for the fast load growing area.

Justification or Link to City Goals

This additional 100 kV Delivery Point and Interconnect line will provide an alternate source of transmission circuitry for the City's electric service area. This redundancy greatly improves the reliability of electric service to our customers by providing alternate paths to route transmission circuits that feed substations. This Delivery Point also provides additional capacity that will be required to meet future demands for power of Concord's electric service area.

Section 3 **Capital Costs**

Activity	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Construction	4,000,000	5,000,000	0	0	0	0	9,000,000
Engineering	350,000	0	0	0	0	0	350,000
Land/ROW	759,912	0	0	0	0	0	759,912
Total Capital Cost	5,109,912	5,000,000	0	0	0	0	10,109,912

Section 4 **New or Additional Impact on Operating Budget**

Type of Expenditure	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Total							

Section 5 **Method(s) of Financing**

Funding Source(s)	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Bond Proceeds	0	5,000,000	0	0	0	0	5,000,000
Transfer From Electric	1,693,187	0	0	0	0	0	1,693,187
Transfer from Utility Reserve Fund	3,416,725	0	0	0	0	0	3,416,725
Total	5,109,912	5,000,000	0	0	0	0	10,109,912

Section 6 **Section 7**

Maps / Charts / Tables / Pictures

Comments for Other Depts.



City of Concord, North Carolina

Fiscal Year 2019-20 through 2023-24 Capital Improvement Plan

Section 1	CIP Title	Construction of 100 kV Sub at Delivery #4 - Sub Q - Phase 2				Budget Unit #	6949		
Budget Unit	Electric Projects	Functional Area	Electric			Priority Rank	3		
Total CIP Cost	Total Appropriations to date	Budget Year 1 FY2019-20	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP	
			Year 2 FY2020-21	Year 3 FY2021-22	Year 4 FY2022-23	Year 5 FY2023-24		<input type="checkbox"/> New	<input checked="" type="checkbox"/> Expansion
			<input type="checkbox"/> Replacement	<input type="checkbox"/> Renovation			<input checked="" type="checkbox"/> Land/ROW Acq. Required		
4,195,254	1,000,000	3,195,254	0	0	0	0	3,195,254		

Section 2 **Description**

This project consists of construction of a 100kV dual bay 8 circuit electric substation on the same site that houses Delivery #4.

History, Status, or Impact if Delayed

The City's Electric System infrastructure is currently on a 10-year improvement plan primarily to address load growth. All requests for new or converted substations are based on having the ability to address customer loading of the system.

Justification or Link to City Goals

This project will provide additional capacity to electric infrastructure in the central portion of the City's electric service area. Its planning location is directly adjacent to Delivery #4, which will minimize cost of 100kV line extension and maximize use of property already designated for a 100kV Delivery Point. This substation will provide critical additional capacity to meet future demands for power. Its central location within the City's electric infrastructure will provide critical alternate feed circuits to adjacent substations, resulting in enhanced reliability of electric service provided to our customers.

Section 3 **Capital Costs**

Activity	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Construction	2,845,254	0	0	0	0	0	2,845,254
Engineering	150,000	0	0	0	0	0	150,000
Land/ROW	200,000	0	0	0	0	0	200,000
Total Capital Cost	3,195,254	0	0	0	0	0	3,195,254

Section 4 **New or Additional Impact on Operating Budget**

Type of Expenditure	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
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Total

Section 5 **Method(s) of Financing**

Funding Source(s)	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Transfer From Electric	3,195,254	0	0	0	0	0	3,195,254
Total	3,195,254	0	0	0	0	0	3,195,254

Section 6 **Section 7**

Maps / Charts / Tables / Pictures

Comments for Other Depts.



City of Concord, North Carolina

Fiscal Year 2019-20 through 2023-24 Capital Improvement Plan

Section 1	CIP Title	Construction of New Electric Substation N in Copperfield Blvd Location				Budget Unit #	6949	
Budget Unit	Electric Projects	Functional Area	Electric			Priority Rank	4	
Total CIP Cost	Total Appropriations to date	Budget Year 1 FY2019-20	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP
			Year 2 FY2020-21	Year 3 FY2021-22	Year 4 FY2022-23	Year 5 FY2023-24		<input checked="" type="checkbox"/> New <input type="checkbox"/> Replacement <input checked="" type="checkbox"/> Land/ROW Acq. Required <input type="checkbox"/> Expansion <input type="checkbox"/> Renovation
4,010,000	350,000	500,000	3,160,000	0	0	0	3,660,000	

Section 2 Description

This project will provide an additional 100kV/12.4kV distribution substation to handle growing capacity needs in the City's Northeast service area and enhance the integrity of the current and future electric service to our customers.

History, Status, or Impact if Delayed

This project is required to address the load growth in the Northeast section of the City's electric service area. Development in the Northeast service area is pushing the capacity of existing Substation F to its service limit. The new substation will relieve the loading on Sub F and address the future load growth expected in the area. It will also provide additional reliability on the system as it will have a unique feed from Duke allowing for more switching capabilities if Delivery One or Delivery Two is offline.

Justification or Link to City Goals

This is a component in a ten year plan to update and improve our electric infrastructure. The Northeastern portion of the City's service area is now growing at an accelerated pace and a new substation is needed to meet the demand expected. Delaying this project will severely limit the City's ability to serve new customers.

Section 3 Capital Costs

Activity	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Construction	0	3,060,000	0	0	0	0	3,060,000
Engineering	0	100,000	0	0	0	0	100,000
Land	500,000	0	0	0	0	0	500,000
Total Capital Cost	500,000	3,160,000	0	0	0	0	3,660,000

Section 4 New or Additional Impact on Operating Budget

Type of Expenditure	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Total							

Section 5 Method(s) of Financing

Funding Source(s)	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Bond Proceeds	0	3,160,000	0	0	0	0	3,160,000
Transfer from Electric	500,000	0	0	0	0	0	500,000
Total	500,000	3,160,000	0	0	0	0	3,660,000

Section 6 Maps / Charts / Tables / Pictures **Section 7 Comments for Other Depts.**



City of Concord, North Carolina

Fiscal Year 2019-20 through 2023-24 Capital Improvement Plan

Section 1	CIP Title	100 kV Transformer				Budget Unit #	6949		
Budget Unit	Electric Projects	Functional Area	Electric			Priority Rank	5		
Total CIP Cost	Total Appropriations to date	Budget Year 1 FY2019-20	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP	
			Year 2 FY2020-21	Year 3 FY2021-22	Year 4 FY2022-23	Year 5 FY2023-24		<input checked="" type="checkbox"/> New	<input type="checkbox"/> Expansion
							<input type="checkbox"/> Replacement	<input type="checkbox"/> Renovation	
							<input type="checkbox"/> Land/ROW Acq. Required		
850,000	0	0	850,000	0	0	0	850,000		

Section 2 **Description**

This project is to purchase of a 100kV/12.4kV transformer spare to use if there is a catastrophic failure.

History, Status, or Impact if Delayed

The City's Electric system currently has seven of these transformers in service with no replacement immediately available. These transformers serve the largest majority of the City's industrial and commercial customers. Transformers are built to order and construction takes eight to sixteen months. A catastrophic 100kV transformer failure without an available replacement could cause severe capacity issues and possibly brown out conditions during times of peak demand.

Justification or Link to City Goals

This spare transformer is required to reliably provide electric service to all customers in case of a catastrophic transformer failure. Two of the seven 100kV/12.4kV transformers in service are 20 years old and will be nearing end of expected life in the next ten years.

Section 3 **Capital Costs**

Activity	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Construction	0	850,000	0	0	0	0	850,000
Total Capital Cost	0	850,000	0	0	0	0	850,000

Section 4 **New or Additional Impact on Operating Budget**

Type of Expenditure	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Total							

Section 5 **Method(s) of Financing**

Funding Source(s)	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Bond Proceeds	0	850,000	0	0	0	0	850,000
Total	0	850,000	0	0	0	0	850,000

Section 6 **Section 7**

Maps / Charts / Tables / Pictures

Comments for Other Depts.



City of Concord, North Carolina

Fiscal Year 2019-20 through 2023-24 Capital Improvement Plan

Section 1	CIP Title	100 kV Interconnect Between Delivery #4 and Sub E				Budget Unit #	6949		
Budget Unit	Electric Projects	Functional Area	Electric			Priority Rank	6		
Total CIP Cost	Total Appropriations to date	Budget Year 1 FY2019-20	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP	
			Year 2 FY2020-21	Year 3 FY2021-22	Year 4 FY2022-23	Year 5 FY2023-24		<input checked="" type="checkbox"/> New	<input type="checkbox"/> Expansion
							<input type="checkbox"/> Replacement	<input type="checkbox"/> Renovation	
							<input type="checkbox"/> Land/ROW Acq. Required		
4,658,000	0	0	1,000,000	3,658,000	0	0	4,658,000		

Section 2 Description

This project provides loop feed between Del #4 and Substation E on Rock Hill Church Road. This tie line will provide an alternative route of electric power to substations E, J, and K. The total project distance is 2.5 miles.

History, Status, or Impact if Delayed

Substations J, K, and E are currently fed from a radial 100kV transmission line from Del #3. When Del #4 is complete an interconnect line to Substation E will create a loop feed for these substations and provide tying capability on the 100kV transmission system thereby increasing reliability.

Justification or Link to City Goals

This project will utilize the new Delivery #4 to improve reliability and tying capacity on the 100kV transmission system.

Section 3 Capital Costs

Activity	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Construction	0	0	3,460,000	0	0	0	3,460,000
Engineering	0	0	198,000	0	0	0	198,000
Land/ROW	0	1,000,000	0	0	0	0	1,000,000
Total Capital Cost	0	1,000,000	3,658,000	0	0	0	4,658,000

Section 4 New or Additional Impact on Operating Budget

Type of Expenditure	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Total							

Section 5 Method(s) of Financing

Funding Source(s)	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Bond Proceeds	0	1,000,000	3,658,000	0	0	0	4,658,000
Total	0	1,000,000	3,658,000	0	0	0	4,658,000

Section 6 Maps / Charts / Tables / Pictures **Section 7** Comments for Other Depts.



City of Concord, North Carolina

Fiscal Year 2019-20 through 2023-24 Capital Improvement Plan

Section 1	CIP Title	100 kV Tie Line-Liles Blvd to Sub O				Budget Unit #	6949	
Budget Unit	Electric Projects	Functional Area	Electric			Priority Rank	7	
Total CIP Cost	Total Appropriations to date	Budget Year 1 FY2019-20	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP
			Year 2 FY2020-21	Year 3 FY2021-22	Year 4 FY2022-23	Year 5 FY2023-24		<input type="checkbox"/> New <input type="checkbox"/> Replacement <input checked="" type="checkbox"/> Land/ROW Acq. Required <input checked="" type="checkbox"/> Expansion <input type="checkbox"/> Renovation
4,465,000	0	1,000,000	3,465,000	0	0	0	4,465,000	

Section 2 Description

This project will close a loop feed from Sub O to the 100kV line at the intersection of George Liles and Poplar Tent Road. Total project distance is 2.5 miles. The "tie line" will provide an alternate route of electric power to all substations on the western side of the City's service area.

History, Status, or Impact if Delayed

This is a component of a 10-year plan to improve the electric system infrastructure. Canceling or delaying this project could result in longer wait times for restoration of power for our customers during major outages.

Justification or Link to City Goals

This "tie line" will provide an alternate route for the supply of power to substations on the western side of the City's electric service area during times of major power outages and/or system maintenance. Without the tie line, substations on Weddington Rd, International Business Park, Ivy Cline and Rock Hill Church Rd are served via one radial feed transmission circuit with no alternate sources of power.

Section 3 Capital Costs

Activity	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Construction	0	3,300,000	0	0	0	0	3,300,000
Engineering	0	165,000	0	0	0	0	165,000
Land/ROW	1,000,000	0	0	0	0	0	1,000,000
Total Capital Cost	1,000,000	3,465,000	0	0	0	0	4,465,000

Section 4 New or Additional Impact on Operating Budget

Type of Expenditure	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Total							

Section 5 Method(s) of Financing

Funding Source(s)	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Bond Proceeds	0	3,465,000	0	0	0	0	3,465,000
Transfer From Electric	1,000,000	0	0	0	0	0	1,000,000
Total	1,000,000	3,465,000	0	0	0	0	4,465,000

Section 6 Maps / Charts / Tables / Pictures **Section 7** Comments for Other Depts.



City of Concord, North Carolina

Fiscal Year 2019-20 through 2023-24 Capital Improvement Plan

Section 1	CIP Title	Construction of New Electric Substation R on Poplar Tent Rd					Budget Unit #	6949	
Budget Unit	Electric Projects	Functional Area			Electric	Priority Rank		8	
Total CIP Cost	Total Appropriations to date	Budget Year 1 FY2019-20	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP	
			Year 2 FY2020-21	Year 3 FY2021-22	Year 4 FY2022-23	Year 5 FY2023-24		<input checked="" type="checkbox"/> New	<input type="checkbox"/> Expansion
							<input type="checkbox"/> Replacement	<input type="checkbox"/> Renovation	
							<input checked="" type="checkbox"/> Land/ROW Acq. Required		
4,010,000	0	500,000	500,000	0	0	3,010,000	4,010,000		

Section 2 **Description**

This project will provide an additional 100kV/12.4kV distribution substation to handle growing capacity needs in the City's Western service area and enhance the integrity of the current and future electric service to our customers.

History, Status, or Impact if Delayed

This project is required to address the load growth in the Western section of the City's electric service area. Development surrounding Concord Regional Airport and in the I-85 corridor is pushing the capacity of existing Substation O. The new substation will relieve the loading on Sub O and address the future load growth expected in the area. It will also provide additional reliability on the system as it will provide tying capability with three existing substations offering more switching capacity to backup Substation K the Industrial Park on International Dr.

Justification or Link to City Goals

The Western portion of the City's service area is now growing at an accelerated rate, and a new substation is needed to meet the demand expected. Delaying this project will severely limit the City's ability to serve new customers in this area.

Section 3 **Capital Costs**

Activity	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Construction	0	0	0	0	2,800,000	0	2,800,000
Engineering	0	0	0	0	210,000	0	210,000
Land/ROW	500,000	500,000	0	0	0	0	1,000,000
Total Capital Cost	500,000	500,000	0	0	3,010,000	0	4,010,000

Section 4 **New or Additional Impact on Operating Budget**

Type of Expenditure	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Total							

Section 5 **Method(s) of Financing**

Funding Source(s)	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Bond Proceeds	0	500,000	0	0	3,010,000	0	3,510,000
Transfer from Electric	500,000	0	0	0	0	0	500,000
Total	500,000	500,000	0	0	3,010,000	0	4,010,000

Section 6 **Section 7** **Comments for Other Depts.**



City of Concord, North Carolina

Fiscal Year 2019-20 through 2023-24 Capital Improvement Plan

Section 1	CIP Title	Construction of New Electric Substation S on US Hwy 601 S				Budget Unit #	6949		
Budget Unit	Electric Projects	Functional Area	Electric			Priority Rank	9		
Total CIP Cost	Total Appropriations to date	Budget Year 1 FY2019-20	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP	
			Year 2 FY2020-21	Year 3 FY2021-22	Year 4 FY2022-23	Year 5 FY2023-24		<input checked="" type="checkbox"/> New	<input type="checkbox"/> Expansion
							<input type="checkbox"/> Replacement	<input type="checkbox"/> Renovation	
							<input checked="" type="checkbox"/> Land/ROW Acq. Required		
4,020,000	0	510,000	0	3,510,000	0	0	4,020,000		

Section 2 Description

This project will provide an additional 44kV/12.4kV distribution substation to handle growing capacity needs in the City's Southern service area and enhance the integrity of the current and future electric service to our customers.

History, Status, or Impact if Delayed

This project is required to address the load growth in the Southern section of the City's electric service area. Development in the Southern service area is pushing the capacity of existing Substation D. The new substation will relieve the loading on Sub D and address the future load growth expected in the area. It will eliminate voltage issues in the area and will also provide additional reliability on the system as it will provide tying capability with three existing substations.

Justification or Link to City Goals

The Southern portion of the City's service area is now growing and has the potential to grow extremely quickly as there are large tracts of undeveloped land for sale in the area. A new substation is needed to meet the demand expected. Delaying this project will severely limit the City's ability to serve new customers in this area.

Section 3 Capital Costs

Activity	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Construction	0	0	3,300,000	0	0	0	3,300,000
Engineering	0	0	210,000	0	0	0	210,000
Land/ROW	510,000	0	0	0	0	0	510,000
Total Capital Cost	510,000	0	3,510,000	0	0	0	4,020,000

Section 4 New or Additional Impact on Operating Budget

Type of Expenditure	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Total							

Section 5 Method(s) of Financing

Funding Source(s)	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Bond Proceeds	0	0	3,300,000	0	0	0	3,300,000
Transfer From Electric	510,000	0	210,000	0	0	0	720,000
Total	510,000	0	3,510,000	0	0	0	4,020,000

Section 6 Maps / Charts / Tables / Pictures **Section 7 Comments for Other Depts.**



City of Concord, North Carolina

Fiscal Year 2019-20 through 2023-24 Capital Improvement Plan

Section 1	CIP Title	Delivery #1 Replacement					Budget Unit #	6949
Budget Unit	Electric Projects	Functional Area	Electric			Priority Rank	10	
Total CIP Cost	Total Appropriations to date	Budget Year 1 FY2019-20	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP
			Year 2 FY2020-21	Year 3 FY2021-22	Year 4 FY2022-23	Year 5 FY2023-24		<input type="checkbox"/> New <input checked="" type="checkbox"/> Replacement <input type="checkbox"/> Land/ROW Acq. Required <input type="checkbox"/> Expansion <input type="checkbox"/> Renovation
2,825,000	400,000	0	300,000	0	2,125,000	0	2,425,000	

Section 2 Description

This will provide for replacement of Delivery station 1 at Florence Ave.

History, Status, or Impact if Delayed

This project is part of a ten year plan to update and improve electric system infrastructure. This project will provide a much greater switching flexibility. Failure to implement this project will impact power delivery in the future years.

Justification or Link to City Goals

This project will replace an existing station that was built 45 years ago and has reached its end of expected life. This new station will provide much greater reliability as well as additional loading capabilities.

Section 3 Capital Costs

Activity	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Construction	0	300,000	0	2,025,000	0	0	2,325,000
Engineering	0	0	0	100,000	0	0	100,000
Total Capital Cost	0	300,000	0	2,125,000	0	0	2,425,000

Section 4 New or Additional Impact on Operating Budget

Type of Expenditure	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
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Total

Section 5 Method(s) of Financing

Funding Source(s)	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Bond Proceeds	0	300,000	0	0	0	0	300,000
Transfer From Electric	0	0	0	2,125,000	0	0	2,125,000
Total	0	300,000	0	2,125,000	0	0	2,425,000

Section 6 Maps / Charts / Tables / Pictures **Section 7** Comments for Other Depts.



City of Concord, North Carolina

Fiscal Year 2019-20 through 2023-24 Capital Improvement Plan

Section 1	CIP Title	44 kV Transformer Replacement for Sub F				Budget Unit #	6949	
Budget Unit	Electric Projects	Functional Area	Electric			Priority Rank	11	
Total CIP Cost	Total Appropriations to date	Budget Year 1 FY2019-20	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP
			Year 2 FY2020-21	Year 3 FY2021-22	Year 4 FY2022-23	Year 5 FY2023-24		<input type="checkbox"/> New <input checked="" type="checkbox"/> Replacement <input type="checkbox"/> Land/ROW Acq. Required <input type="checkbox"/> Expansion <input type="checkbox"/> Renovation
1,000,000	0	0	1,000,000	0	0	0	1,000,000	

Section 2 Description

This project is to purchase of a 44kV/12.4kV transformer to replace a 1996 rebuild.

History, Status, or Impact if Delayed

The 20/27 MVA transformer in use at Substation F was rebuilt in 1996. Life expectancy of a new transformer is generally twenty-five to thirty years. Replacing the transformer at Substation F will provide reliable electric service for another thirty years for more than 1100 commercial and residential customers served by Sub F.

Justification or Link to City Goals

The replacement of aging substation equipment is vital for reliability of electric system.

Section 3 Capital Costs

Activity	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Construction	0	1,000,000	0	0	0	0	1,000,000
Total Capital Cost	0	1,000,000	0	0	0	0	1,000,000

Section 4 New or Additional Impact on Operating Budget

Type of Expenditure	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Total							

Section 5 Method(s) of Financing

Funding Source(s)	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Transfer from Electric	0	1,000,000	0	0	0	0	1,000,000
Total	0	1,000,000	0	0	0	0	1,000,000

Section 6 Maps / Charts / Tables / Pictures **Section 7** Comments for Other Depts.



City of Concord, North Carolina

Fiscal Year 2019-20 through 2023-24 Capital Improvement Plan

Section 1	CIP Title	Construction of New Electric Substation T near Concord Parkway South of Concord					Budget Unit #	6949
Budget Unit	Electric Projects	Functional Area	Electric				Priority Rank	12
Total CIP Cost	Total Appropriations to date	Budget Year 1 FY2019-20	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP
			Year 2 FY2020-21	Year 3 FY2021-22	Year 4 FY2022-23	Year 5 FY2023-24		<input checked="" type="checkbox"/> New <input type="checkbox"/> Replacement <input checked="" type="checkbox"/> Land/ROW Acq. Required <input type="checkbox"/> Expansion <input type="checkbox"/> Renovation
4,010,000	0	0	1,000,000	0	0	0	4,010,000	

Section 2 **Description**

This project will provide an additional 100kV/12.4kV distribution substation to handle growing capacity needs in the City's Southwestern service area and enhance the integrity of the current and future electric service to our customers.

History, Status, or Impact if Delayed

Development of property along Concord Parkway between Weddington Road and the Charlotte Motor Speedway will require more capacity than currently available from Substation J and Substation M. The new substation will address the future load growth expected in the area. It will also provide additional reliability on the system as it will provide tying capability with three existing substations offering more switching capacity and alternate power sources on the distribution system.

Justification or Link to City Goals

The Southwestern portion of the City's service area is expected to grow substantially in the next few years. A new substation is needed to meet the demand expected. Delaying this project will severely limit the City's ability to serve new customers in this area.

Section 3 **Capital Costs**

Activity	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Construction	0	0	0	0	0	2,810,000	2,810,000
Engineering	0	0	0	0	0	200,000	200,000
Land/ROW	0	1,000,000	0	0	0	0	1,000,000
Total Capital Cost	0	1,000,000	0	0	0	3,010,000	4,010,000

Section 4 **New or Additional Impact on Operating Budget**

Type of Expenditure	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Total							

Section 5 **Method(s) of Financing**

Funding Source(s)	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Bond Proceeds	0	0	0	0	0	3,010,000	3,010,000
Transfer from Electric	0	1,000,000	0	0	0	0	1,000,000
Total	0	1,000,000	0	0	0	3,010,000	4,010,000

Section 6 **Section 7**

Maps / Charts / Tables / Pictures

Comments for Other Depts.



City of Concord, North Carolina

Fiscal Year 2019-20 through 2023-24 Capital Improvement Plan

Section 1	CIP Title	New 44kV Transformer Replacement for Sub B					Budget Unit #	6949
Budget Unit	Electric Projects	Functional Area	Electric				Priority Rank	13
Total CIP Cost	Total Appropriations to date	Budget Year 1 FY2019-20	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP
			Year 2 FY2020-21	Year 3 FY2021-22	Year 4 FY2022-23	Year 5 FY2023-24		<input checked="" type="checkbox"/> New <input type="checkbox"/> Replacement <input type="checkbox"/> Land/ROW Acq. Required <input type="checkbox"/> Expansion <input type="checkbox"/> Renovation
1,000,000	0	0	0	1,000,000	0	0	1,000,000	

Section 2 Description

This project is for the purchase of a 44kV/12.4kV transformer to replace a 1987 model.

History, Status, or Impact if Delayed

The 20/27 MVA transformer in use at Substation B is a 1987 model that has reached life expectancy. Replacing the transformer at Substation B will provide reliable electric service for another thirty years for more than 2800 commercial and residential customers served by Sub B.

Justification or Link to City Goals

The replacement of aging substation equipment is vital for reliability of electric system.

Section 3 Capital Costs

Activity	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Construction	0	0	1,000,000	0	0	0	1,000,000
Total Capital Cost	0	0	1,000,000	0	0	0	1,000,000

Section 4 New or Additional Impact on Operating Budget

Type of Expenditure	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Total							

Section 5 Method(s) of Financing

Funding Source(s)	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Transfer from Electric	0	0	1,000,000	0	0	0	1,000,000
Total	0	0	1,000,000	0	0	0	1,000,000

Section 6 Maps / Charts / Tables / Pictures **Section 7 Comments for Other Depts.**



City of Concord, North Carolina

Fiscal Year 2019-20 through 2023-24 Capital Improvement Plan

Section 1	CIP Title	Replace Existing 750 MCM Along Bruton Smith Blvd. (Between Hwy 29 & I-85)				Budget Unit #	6949		
Budget Unit	Electric Projects	Functional Area	Electric			Priority Rank	14		
Total CIP Cost	Total Appropriations to date	Budget Year 1 FY2019-20	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP	
			Year 2 FY2020-21	Year 3 FY2021-22	Year 4 FY2022-23	Year 5 FY2023-24		<input checked="" type="checkbox"/> New	<input type="checkbox"/> Expansion
			<input type="checkbox"/> Replacement	<input type="checkbox"/> Renovation					
			<input type="checkbox"/> Land/ROW Acq. Required						
3,050,000	0	0	0	0	0	3,050,000	3,050,000		

Section 2 Description

This project consists of replacing existing buried backbone 750 MCM cable along Bruton Smith Blvd. between Hwy 29 and I-85.

History, Status, or Impact if Delayed

The existing infrastructure was installed direct buried and has already had multiple failures and repairs.

Justification or Link to City Goals

This is a main backbone feeder and is not only at the end of its life span, but has suffered multiple failures and repairs over its lifetime. This cable was originally installed by the direct bury method, and this drastically reduces the life expectancy. The proposal is to put new circuit in conduit and install multiple spare conduits for future electric circuits as well as City fiber.

Section 3 Capital Costs

Activity	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Construction	0	0	0	0	3,000,000	0	3,000,000
Engineering	0	0	0	0	50,000	0	50,000
Total Capital Cost	0	0	0	0	3,050,000	0	3,050,000

Section 4 New or Additional Impact on Operating Budget

Type of Expenditure	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Total							

Section 5 Method(s) of Financing

Funding Source(s)	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Bond Proceeds	0	0	0	0	3,050,000	0	3,050,000
Total	0	0	0	0	3,050,000	0	3,050,000

Section 6 Maps / Charts / Tables / Pictures **Section 7** Comments for Other Depts.



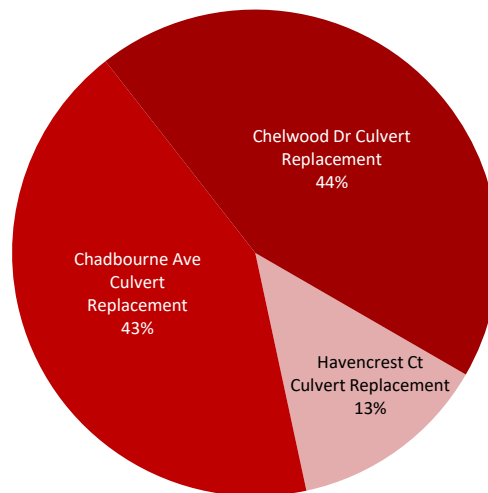
Fund 474: Stormwater Capital Expenditures

Stormwater projects are accounted for using this fund. It is comprised of Stormwater Master Plan, Stream Restoration Projects, and Stormwater Projects budget units.

	2018-2019 Approved	2019-2020 Planning Yr.	2020-2021 Planning Yr.	2021-2022 Planning Yr.	2022-2023 Planning Yr.	Future Planning Yr.
Expenses By Project						
Havencrest Ct Culvert Replacement	\$ 274,000	\$ -	\$ -	\$ -	\$ -	\$ -
Glen Eagles Ln Culvert Replacement	\$ -	\$ 632,000	\$ -	\$ -	\$ -	\$ -
Chadbourne Ave Culvert Replacement	\$ 882,000	\$ -	\$ -	\$ -	\$ -	\$ -
Chelwood Dr Culvert Replacement	\$ 904,000	\$ -	\$ -	\$ -	\$ -	\$ -
Kerr St Culvert Replacement	\$ -	\$ 885,000	\$ -	\$ -	\$ -	\$ -
Brookwood Ave Roadway Improvements	\$ -	\$ 1,260,000	\$ -	\$ -	\$ -	\$ -
Dylan Place Culvert Replacement Upper &	\$ -	\$ 131,000	\$ 1,292,000	\$ -	\$ -	\$ -
Duval St Culvert Replacement	\$ -	\$ 94,000	\$ 925,000	\$ -	\$ -	\$ -
Farmwood Blvd Culvert Replacement	\$ -	\$ -	\$ 91,000	\$ 896,000	\$ -	\$ -
Bridlewood Dr Culvert Replacement	\$ -	\$ -	\$ 102,200	\$ 919,800	\$ -	\$ -
Miramar Culvert Replacements	\$ -	\$ -	\$ -	\$ 112,400	\$ 1,011,600	\$ -
Morris Glen Dr Culvert Replacement	\$ -	\$ -	\$ -	\$ 40,600	\$ 365,400	\$ -
Yvonne Dr Culvert Replacement	\$ -	\$ -	\$ -	\$ 111,200	\$ 1,000,800	\$ -
Spring St Culvert Replacement	\$ -	\$ -	\$ -	\$ -	\$ 41,100	\$ 369,900
Glenwood Drive Culvert Replacement	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 718,000
Total	\$ 2,060,000	\$ 3,002,000	\$ 2,410,200	\$ 2,080,000	\$ 2,418,900	\$ 1,087,900

	2017-2018 Approved	2018-2019 Planning Yr.	2019-2020 Planning Yr.	2020-2021 Planning Yr.	2021-2022 Planning Yr.	Future Planning Yr.
Revenues by Funding Source						
Transfer from Stormwater Fund	\$ 2,060,000	\$ 3,002,000	\$ 2,410,200	\$ 2,080,000	\$ 2,418,900	\$ 1,087,900
Total	\$ 2,060,000	\$ 3,002,000	\$ 2,410,200	\$ 2,080,000	\$ 2,418,900	\$ 1,087,900

FY 2020 Stormwater Projects



City of Concord, North Carolina

Fiscal Year 2019-20 through 2023-24 Capital Improvement Plan

Section 1	CIP Title	Glen Eagles Lane Culvert Replacement				Budget Unit #	7103		
Budget Unit	Stormwater Projects	Functional Area	Stormwater			Priority Rank	1		
Total CIP Cost	Total Appropriations to date	Budget Year 1 FY2019-20	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP	
			Year 2 FY2020-21	Year 3 FY2021-22	Year 4 FY2022-23	Year 5 FY2023-24		<input type="checkbox"/> New	<input type="checkbox"/> Expansion
			<input checked="" type="checkbox"/> Replacement	<input type="checkbox"/> Renovation					
			<input checked="" type="checkbox"/> Land/ROW Acq. Required						
972,700	36,700	936,000	0	0	0	0	936,000		

Section 2 Description

This culvert replacement and upsizing under Glen Eagles Lane is to reduce flooding risk to neighborhood homes and replace aging infrastructure.

History, Status, or Impact if Delayed

Justification or Link to City Goals

This project is identified in the Rocky River Master Plan via the completed 2016 Stormwater Drainage Study.

Section 3								Capital Costs	
Activity	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total		
R/W Acquisition	11,000	0	0	0	0	0	11,000		
Construction	925,000	0	0	0	0	0	925,000		
Total Capital Cost	936,000	0	0	0	0	0	936,000		

Section 4								New or Additional Impact on Operating Budget	
Type of Expenditure	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total		
Total									

Section 5								Method(s) of Financing	
Funding Source(s)	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total		
Transfer From Stormwater	936,000	0	0	0	0	0	936,000		
Total	936,000	0	0	0	0	0	936,000		

Section 6	Maps / Charts / Tables / Pictures	Section 7	Comments for Other Depts.
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City of Concord, North Carolina

Fiscal Year 2019-20 through 2023-24 Capital Improvement Plan

Section 1	CIP Title	Kerr Street Culvert Replacement				Budget Unit #	7103		
Budget Unit	Stormwater Projects	Functional Area	Stormwater			Priority Rank	2		
Total CIP Cost	Total Appropriations to date	Budget Year 1 FY2019-20	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP	
			Year 2 FY2020-21	Year 3 FY2021-22	Year 4 FY2022-23	Year 5 FY2023-24		<input type="checkbox"/> New <input checked="" type="checkbox"/> Replacement <input type="checkbox"/> Land/ROW Acq. Required	<input type="checkbox"/> Expansion <input type="checkbox"/> Renovation
1,138,000	0	0	1,138,000	0	0	0	1,138,000		

Section 2 Description

This culvert replacement and upsizing under Kerr Street is to reduce flooding risk to neighborhood homes and replace aging infrastructure.

History, Status, or Impact if Delayed

Justification or Link to City Goals

This project is identified in the Irish Buffalo Creek Master Plan.

Section 3	Capital Costs						
Activity	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Construction	0	1,138,000	0	0	0	0	1,138,000
Total Capital Cost	0	1,138,000	0	0	0	0	1,138,000

Section 4	New or Additional Impact on Operating Budget						
Type of Expenditure	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Total							

Section 5	Method(s) of Financing						
Funding Source(s)	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Transfer From Stormwater	0	1,138,000	0	0	0	0	1,138,000
Total	0	1,138,000	0	0	0	0	1,138,000

Section 6	Maps / Charts / Tables / Pictures	Section 7	Comments for Other Depts.
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City of Concord, North Carolina

Fiscal Year 2019-20 through 2023-24 Capital Improvement Plan

Section 1	CIP Title	Brookwood Avenue Roadway Improvements				Budget Unit #	7103		
Budget Unit	Stormwater Projects	Functional Area	Stormwater			Priority Rank	3		
Total CIP Cost	Total Appropriations to date	Budget Year 1 FY2019-20	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP	
			Year 2 FY2020-21	Year 3 FY2021-22	Year 4 FY2022-23	Year 5 FY2023-24		<input type="checkbox"/> New <input checked="" type="checkbox"/> Replacement <input type="checkbox"/> Land/ROW Acq. Required	<input type="checkbox"/> Expansion <input type="checkbox"/> Renovation
404,000	0	0	404,000	0	0	0	404,000		

Section 2 **Description**

This culvert replacement and upsizing under Brookwood Avenue at Hillandale Street is to reduce flooding risk to neighborhood homes and replace aging infrastructure.

History, Status, or Impact if Delayed

Justification or Link to City Goals

This project is identified in the Three Mile Branch Master Plan.

Section 3 **Capital Costs**

Activity	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Construction	0	404,000	0	0	0	0	404,000
Total Capital Cost	0	404,000	0	0	0	0	404,000

Section 4 **New or Additional Impact on Operating Budget**

Type of Expenditure	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Total							

Section 5 **Method(s) of Financing**

Funding Source(s)	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Transfer From Stormwater	0	404,000	0	0	0	0	404,000
Total	0	404,000	0	0	0	0	404,000

Section 6 **Section 7**

Maps / Charts / Tables / Pictures

Comments for Other Depts.

City of Concord, North Carolina

Fiscal Year 2019-20 through 2023-24 Capital Improvement Plan

Section 1	CIP Title	Dylan Place Culvert Replacement Upper & Lower					Budget Unit #	7103
Budget Unit	Stormwater Projects	Functional Area	Stormwater				Priority Rank	4
Total CIP Cost	Total Appropriations to date	Budget Year 1 FY2019-20	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP
			Year 2 FY2020-21	Year 3 FY2021-22	Year 4 FY2022-23	Year 5 FY2023-24		<input type="checkbox"/> New <input checked="" type="checkbox"/> Replacement <input checked="" type="checkbox"/> Land/ROW Acq. Required <input type="checkbox"/> Expansion <input type="checkbox"/> Renovation
1,423,000	0	0	131,000	1,292,000	0	0	1,423,000	

Section 2 Description

These culvert replacements and upsizings under Dylan Place in two locations is to reduce flooding risk to neighborhood homes and replace aging infrastructure.

History, Status, or Impact if Delayed

Justification or Link to City Goals

This project is identified in the Irish Buffalo Creek Master Plan.

Section 3 Capital Costs

Activity	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Construction	0	0	1,292,000	0	0	0	1,292,000
Design & R/W Acquisition	0	131,000	0	0	0	0	131,000
Total Capital Cost	0	131,000	1,292,000	0	0	0	1,423,000

Section 4 New or Additional Impact on Operating Budget

Type of Expenditure	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Total							

Section 5 Method(s) of Financing

Funding Source(s)	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Transfer From Stormwater	0	131,000	1,292,000	0	0	0	1,423,000
Total	0	131,000	1,292,000	0	0	0	1,423,000

Section 6 Maps / Charts / Tables / Pictures **Section 7** Comments for Other Depts.

City of Concord, North Carolina

Fiscal Year 2019-20 through 2023-24 Capital Improvement Plan

Section 1	CIP Title	Duval Street Culvert Replacement					Budget Unit #	7103
Budget Unit	Stormwater Projects	Functional Area	Stormwater				Priority Rank	5
Total CIP Cost	Total Appropriations to date	Budget Year 1 FY2019-20	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP
			Year 2 FY2020-21	Year 3 FY2021-22	Year 4 FY2022-23	Year 5 FY2023-24		<input type="checkbox"/> New <input checked="" type="checkbox"/> Replacement <input checked="" type="checkbox"/> Land/ROW Acq. Required <input type="checkbox"/> Expansion <input type="checkbox"/> Renovation
1,019,000	0	0	94,000	925,000	0	0	1,019,000	

Section 2 Description

This culvert replacement and upsizing under Duval Street is to reduce flooding risk to neighborhood homes and replace aging infrastructure.

History, Status, or Impact if Delayed

Justification or Link to City Goals

This project is identified in the Irish Buffalo Creek Master Plan.

Section 3	Capital Costs						
Activity	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Construction	0	0	925,000	0	0	0	925,000
Design & R/W Acquisition	0	94,000	0	0	0	0	94,000
Total Capital Cost	0	94,000	925,000	0	0	0	1,019,000

Section 4	New or Additional Impact on Operating Budget						
Type of Expenditure	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Total							

Section 5	Method(s) of Financing						
Funding Source(s)	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Transfer From Stormwater	0	94,000	925,000	0	0	0	1,019,000
Total	0	94,000	925,000	0	0	0	1,019,000

Section 6	Maps / Charts / Tables / Pictures	Section 7	Comments for Other Depts.
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City of Concord, North Carolina

Fiscal Year 2019-20 through 2023-24 Capital Improvement Plan

Section 1	CIP Title	Farmwood Boulevard Culvert Replacement					Budget Unit #	7103
Budget Unit	Stormwater Projects	Functional Area	Stormwater			Priority Rank	6	
Total CIP Cost	Total Appropriations to date	Budget Year 1 FY2019-20	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP
			Year 2 FY2020-21	Year 3 FY2021-22	Year 4 FY2022-23	Year 5 FY2023-24		<input type="checkbox"/> New <input checked="" type="checkbox"/> Replacement <input checked="" type="checkbox"/> Land/ROW Acq. Required <input type="checkbox"/> Expansion <input type="checkbox"/> Renovation
987,000	0	0	0	91,000	896,000	0	987,000	

Section 2 Description

This culvert replacement and upsizing under Farmwood Boulevard is to reduce flooding risk to neighborhood homes and replace aging infrastructure.

History, Status, or Impact if Delayed

Justification or Link to City Goals

This project is identified in the Coddle Creek Master Plan.

Section 3 Capital Costs

Activity	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Construction	0	0	0	896,000	0	0	896,000
Design & R/W Acquisition	0	0	91,000	0	0	0	91,000
Total Capital Cost	0	0	91,000	896,000	0	0	987,000

Section 4 New or Additional Impact on Operating Budget

Type of Expenditure	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Total							

Section 5 Method(s) of Financing

Funding Source(s)	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Transfer From Stormwater	0	0	91,000	896,000	0	0	987,000
Total	0	0	91,000	896,000	0	0	987,000

Section 6 Maps / Charts / Tables / Pictures **Section 7** Comments for Other Depts.

City of Concord, North Carolina

Fiscal Year 2019-20 through 2023-24 Capital Improvement Plan

Section 1	CIP Title	Bridlewood Drive Culvert Replacement					Budget Unit #	7103
Budget Unit	Stormwater Projects	Functional Area	Stormwater				Priority Rank	7
Total CIP Cost	Total Appropriations to date	Budget Year 1 FY2019-20	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP
			Year 2 FY2020-21	Year 3 FY2021-22	Year 4 FY2022-23	Year 5 FY2023-24		<input type="checkbox"/> New <input checked="" type="checkbox"/> Replacement <input checked="" type="checkbox"/> Land/ROW Acq. Required <input type="checkbox"/> Expansion <input type="checkbox"/> Renovation
1,327,700	0	0	0	102,200	1,225,500	0	1,327,700	

Section 2 Description

This culvert replacement and upsizing under Bridlewood Drive is to reduce flooding risk to neighborhood homes and replace aging infrastructure.

History, Status, or Impact if Delayed

Justification or Link to City Goals

This project is identified in the Cold Water Creek Master Plan.

Section 3	Capital Costs						
Activity	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Construction	0	0	0	1,225,500	0	0	1,225,500
Design & R/W Acquisition	0	0	102,200	0	0	0	102,200
Total Capital Cost	0	0	102,200	1,225,500	0	0	1,327,700

Section 4	New or Additional Impact on Operating Budget						
Type of Expenditure	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Total							

Section 5	Method(s) of Financing						
Funding Source(s)	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Transfer From Stormwater	0	0	102,200	1,225,500	0	0	1,327,700
Total	0	0	102,200	1,225,500	0	0	1,327,700

Section 6	Maps / Charts / Tables / Pictures	Section 7	Comments for Other Depts.
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City of Concord, North Carolina

Fiscal Year 2019-20 through 2023-24 Capital Improvement Plan

Section 1	CIP Title	Miramar Culvert Replacements					Budget Unit #	7103
Budget Unit	Stormwater Projects	Functional Area	Stormwater				Priority Rank	8
Total CIP Cost	Total Appropriations to date	Budget Year 1 FY2019-20	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP
			Year 2 FY2020-21	Year 3 FY2021-22	Year 4 FY2022-23	Year 5 FY2023-24		<input type="checkbox"/> New <input checked="" type="checkbox"/> Replacement <input checked="" type="checkbox"/> Land/ROW Acq. Required <input type="checkbox"/> Expansion <input type="checkbox"/> Renovation
1,460,400	0	0	0	0	112,400	1,348,000	1,460,400	

Section 2 Description

These culvert replacements and upsizings under Palaside Drive and Grandview Drive are to reduce flooding risk to neighborhood homes and replace aging infrastructure.

History, Status, or Impact if Delayed

Justification or Link to City Goals

These projects are identified in the Three Mile Branch Master Plan.

Section 3 Capital Costs

Activity	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Construction	0	0	0	0	1,348,000	0	1,348,000
Design & R/W Acquisition	0	0	0	112,400	0	0	112,400
Total Capital Cost	0	0	0	112,400	1,348,000	0	1,460,400

Section 4 New or Additional Impact on Operating Budget

Type of Expenditure	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Total							

Section 5 Method(s) of Financing

Funding Source(s)	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Transfer From Stormwater	0	0	0	112,400	1,348,000	0	1,460,400
Total	0	0	0	112,400	1,348,000	0	1,460,400

Section 6 Maps / Charts / Tables / Pictures **Section 7** Comments for Other Depts.

City of Concord, North Carolina

Fiscal Year 2019-20 through 2023-24 Capital Improvement Plan

Section 1	CIP Title	Morris Glen Drive Culvert Replacement					Budget Unit #	7103
Budget Unit	Stormwater Projects	Functional Area	Stormwater				Priority Rank	9
Total CIP Cost	Total Appropriations to date	Budget Year 1 FY2019-20	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP
			Year 2 FY2020-21	Year 3 FY2021-22	Year 4 FY2022-23	Year 5 FY2023-24		<input type="checkbox"/> New <input checked="" type="checkbox"/> Replacement <input checked="" type="checkbox"/> Land/ROW Acq. Required <input type="checkbox"/> Expansion <input type="checkbox"/> Renovation
527,600	0	0	0	0	40,600	487,000	527,600	

Section 2 Description

This culvert replacement and upsizing under Morris Glen Drive is to reduce flooding risk to neighborhood homes and replace aging infrastructure.

History, Status, or Impact if Delayed

Justification or Link to City Goals

This project is identified in the Rocky River Master Plan via the completed 2016 Stormwater Drainage Study.

Section 3 Capital Costs

Activity	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Construction	0	0	0	0	487,000	0	487,000
Design & R/W Acquisition	0	0	0	40,600	0	0	40,600
Total Capital Cost	0	0	0	40,600	487,000	0	527,600

Section 4 New or Additional Impact on Operating Budget

Type of Expenditure	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Total							

Section 5 Method(s) of Financing

Funding Source(s)	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Transfer From Stormwater	0	0	0	40,600	487,000	0	527,600
Total	0	0	0	40,600	487,000	0	527,600

Section 6 Maps / Charts / Tables / Pictures **Section 7** Comments for Other Depts.

City of Concord, North Carolina

Fiscal Year 2019-20 through 2023-24 Capital Improvement Plan

Section 1	CIP Title	Yvonne Drive Culvert Replacements					Budget Unit #	7103
Budget Unit	Stormwater Projects	Functional Area	Stormwater				Priority Rank	10
Total CIP Cost	Total Appropriations to date	Budget Year 1 FY2019-20	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP
			Year 2 FY2020-21	Year 3 FY2021-22	Year 4 FY2022-23	Year 5 FY2023-24		<input type="checkbox"/> New <input checked="" type="checkbox"/> Replacement <input checked="" type="checkbox"/> Land/ROW Acq. Required <input type="checkbox"/> Expansion <input type="checkbox"/> Renovation
1,445,200	0	0	0	0	0	111,200	1,445,200	

Section 2 Description

These culvert replacements and upsizings under Yvonne Drive and the general vicinity are to reduce flooding risk to neighborhood homes and replace aging infrastructure.

History, Status, or Impact if Delayed

Justification or Link to City Goals

This project is identified in the Rocky River Master Plan via the completed 2016 Stormwater Drainage Study.

Section 3 Capital Costs

Activity	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Construction	0	0	0	0	0	1,334,000	1,334,000
Design & R/W Acquisition	0	0	0	0	111,200	0	111,200
Total Capital Cost	0	0	0	0	111,200	1,334,000	1,445,200

Section 4 New or Additional Impact on Operating Budget

Type of Expenditure	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Total							

Section 5 Method(s) of Financing

Funding Source(s)	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Transfer From Stormwater	0	0	0	0	111,200	1,334,000	1,445,200
Total	0	0	0	0	111,200	1,334,000	1,445,200

Section 6 Maps / Charts / Tables / Pictures **Section 7** Comments for Other Depts.

City of Concord, North Carolina

Fiscal Year 2019-20 through 2023-24 Capital Improvement Plan

Section 1	CIP Title	Spring Street Culvert Replacement					Budget Unit #	7103
Budget Unit	Stormwater Projects	Functional Area	Stormwater				Priority Rank	11
Total CIP Cost	Total Appropriations to date	Budget Year 1 FY2019-20	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP
			Year 2 FY2020-21	Year 3 FY2021-22	Year 4 FY2022-23	Year 5 FY2023-24		<input type="checkbox"/> New <input checked="" type="checkbox"/> Replacement <input checked="" type="checkbox"/> Land/ROW Acq. Required <input type="checkbox"/> Expansion <input type="checkbox"/> Renovation
534,100	0	0	0	0	0	41,100	534,100	

Section 2 Description

This culvert replacement and upsizing under Spring Street is to reduce flooding risk to neighborhood homes and replace aging infrastructure.

History, Status, or Impact if Delayed

Justification or Link to City Goals

This project is identified in the Irish Buffalo Creek Master Plan.

Section 3 Capital Costs

Activity	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Construction	0	0	0	0	0	493,000	493,000
Design & R/W Acquisition	0	0	0	0	41,100	0	41,100
Total Capital Cost	0	0	0	0	41,100	493,000	534,100

Section 4 New or Additional Impact on Operating Budget

Type of Expenditure	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Total							

Section 5 Method(s) of Financing

Funding Source(s)	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Transfer From Stormwater	0	0	0	0	41,100	493,000	534,100
Total	0	0	0	0	41,100	493,000	534,100

Section 6 Maps / Charts / Tables / Pictures **Section 7** Comments for Other Depts.

City of Concord, North Carolina

Fiscal Year 2019-20 through 2023-24 Capital Improvement Plan

Section 1	CIP Title	Glenwood Drive Culvert Replacement				Budget Unit #	7103		
Budget Unit	Stormwater Projects	Functional Area	Stormwater			Priority Rank	12		
Total CIP Cost	Total Appropriations to date	Budget Year 1 FY2019-20	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP	
			Year 2 FY2020-21	Year 3 FY2021-22	Year 4 FY2022-23	Year 5 FY2023-24		<input checked="" type="checkbox"/> New <input checked="" type="checkbox"/> Replacement <input type="checkbox"/> Land/ROW Acq. Required	<input type="checkbox"/> Expansion <input type="checkbox"/> Renovation
862,000	0	0	0	0	0	0	862,000		

Section 2 Description

This culvert replacement and upsizing under Glenwood Drive is to reduce flooding risk to neighborhood homes and replace aging infrastructure.

History, Status, or Impact if Delayed

Justification or Link to City Goals

This project is identified in the Irish Buffalo Creek Master Plan.

Section 3 Capital Costs

Activity	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Construction	0	0	0	0	0	862,000	862,000
Total Capital Cost	0	0	0	0	0	862,000	862,000

Section 4 New or Additional Impact on Operating Budget

Type of Expenditure	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Total							

Section 5 Method(s) of Financing

Funding Source(s)	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Transfer from Stormwater	0	0	0	0	0	862,000	862,000
Total	0	0	0	0	0	862,000	862,000

Section 6 Maps / Charts / Tables / Pictures **Section 7** Comments for Other Depts.

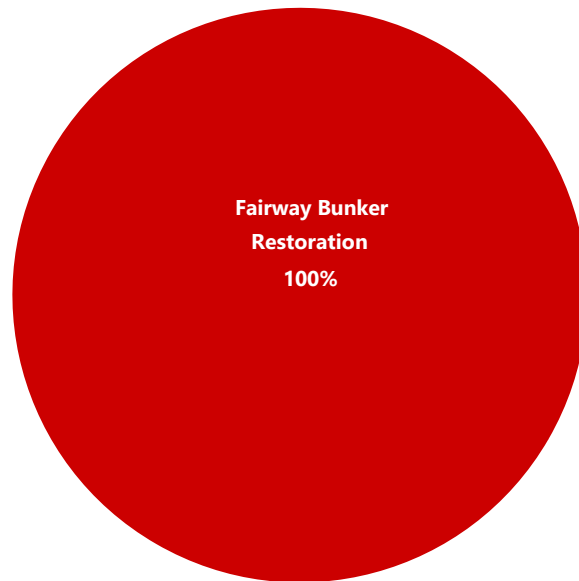
Fund 475: Rocky River Golf Course Capital Projects

Rocky River Golf Course projects are accounted for using this fund. It is comprised of the Golf Course budget unit.

	2019-2020 Approved	2020-2021 Planning Yr.	2021-2022 Planning Yr.	2022-2023 Planning Yr.	2023-2024 Planning Yr.	Future Planning Yr.
Expenses By Project						
Fairway Bunker Restoration	\$ 129,800	\$ -	\$ -	\$ -	\$ -	\$ -
Restroom Facility	\$ -	\$ 155,000	\$ -	\$ -	\$ -	\$ -
Range Netting	\$ -	\$ -	\$ 100,000	\$ -	\$ -	\$ -
Total	\$ 129,800	\$ 155,000	\$ 100,000	\$ -	\$ -	\$ -

	2019-2020 Approved	2020-2021 Planning Yr.	2021-2022 Planning Yr.	2022-2023 Planning Yr.	2023-2024 Planning Yr.	Future Planning Yr.
Revenues by Funding Source						
Transfer From General Capital Reserve	\$ 129,800	\$ 155,000	\$ 100,000	\$ -	\$ -	\$ -
Total	\$ 129,800	\$ 155,000	\$ 100,000	\$ -	\$ -	\$ -

FY 2020 Rocky River Golf Course Capital Project



City of Concord, North Carolina

Fiscal Year 2019-20 through 2023-24 Capital Improvement Plan

Section 1	CIP Title	Fairway Bunker Restoration					Budget Unit #	7550
Budget Unit	Golf Projects	Functional Area	Golf Course				Priority Rank	1
Total CIP Cost	Total Appropriations to date	Budget Year 1 FY2019-20	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP
			Year 2 FY2020-21	Year 3 FY2021-22	Year 4 FY2022-23	Year 5 FY2023-24		<input type="checkbox"/> New <input checked="" type="checkbox"/> Replacement <input type="checkbox"/> Land/ROW Acq. Required <input type="checkbox"/> Expansion <input type="checkbox"/> Renovation
434,985	305,185	129,800	0	0	0	0	129,800	

Section 2 **Description**

Fairway bunkers on the course need improved drainage and some can be removed. This project will complete course-wide bunker renovations, as the greens side bunkers were completed in Phase 1 in 2016.

History, Status, or Impact if Delayed

Fairway bunkers will be upgraded to match the work done on the greens and the greens side bunkers to keep the course as one of the best public facilities in North Carolina.

Justification or Link to City Goals

This will be the first restoration of these bunkers since the course opened in 1997.

Section 3 **Capital Costs**

Activity	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Building/Construction	104,800	0	0	0	0	0	104,800
Clear/Grade/Site Prep	15,000	0	0	0	0	0	15,000
Engineering/Design	10,000	0	0	0	0	0	10,000
Total Capital Cost	129,800	0	0	0	0	0	129,800

Section 4 **New or Additional Impact on Operating Budget**

Type of Expenditure	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Total							

Section 5 **Method(s) of Financing**

Funding Source(s)	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Capital Reserve	129,800	0	0	0	0	0	129,800
Total	129,800	0	0	0	0	0	129,800

Section 6 **Section 7**

Maps / Charts / Tables / Pictures

Comments for Other Depts.

City of Concord, North Carolina

Fiscal Year 2019-20 through 2023-24 Capital Improvement Plan

Section 1	CIP Title	Restroom Facility Construction					Budget Unit #	7550
Budget Unit	Golf Projects	Functional Area	Golf Course				Priority Rank	2
Total CIP Cost	Total Appropriations to date	Budget Year 1 FY2019-20	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP
			Year 2 FY2020-21	Year 3 FY2021-22	Year 4 FY2022-23	Year 5 FY2023-24		<input checked="" type="checkbox"/> New <input type="checkbox"/> Replacement <input type="checkbox"/> Land/ROW Acq. Required <input type="checkbox"/> Expansion <input type="checkbox"/> Renovation
155,000	0	0	155,000	0	0	0	155,000	

Section 2 Description

This project is for the construction of a restroom facility by the tee for Hole #13.

History, Status, or Impact if Delayed

Justification or Link to City Goals

An on course restroom building is a customer service improvement and is a frequent request by players.

Section 3 Capital Costs

Activity	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Building/Construction	0	125,000	0	0	0	0	125,000
Clear/Grade/Site Prep	0	20,000	0	0	0	0	20,000
Engineering/Architectural Service	0	10,000	0	0	0	0	10,000
Total Capital Cost	0	155,000	0	0	0	0	155,000

Section 4 New or Additional Impact on Operating Budget

Type of Expenditure	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Total							

Section 5 Method(s) of Financing

Funding Source(s)	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Capital Reserve	0	155,000	0	0	0	0	155,000
Total	0	155,000	0	0	0	0	155,000

Section 6 Maps / Charts / Tables / Pictures **Section 7** Comments for Other Depts.

City of Concord, North Carolina

Fiscal Year 2019-20 through 2023-24 Capital Improvement Plan

Section 1	CIP Title	Range Netting				Budget Unit #	7550		
Budget Unit	Golf Projects	Functional Area	Golf Course			Priority Rank	3		
Total CIP Cost	Total Appropriations to date	Budget Year 1 FY2019-20	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP	
			Year 2 FY2020-21	Year 3 FY2021-22	Year 4 FY2022-23	Year 5 FY2023-24		<input type="checkbox"/> New	<input type="checkbox"/> Expansion
							<input checked="" type="checkbox"/> Replacement	<input type="checkbox"/> Renovation	
							<input type="checkbox"/> Land/ROW Acq. Required		
100,000	0	0	0	100,000	0	0	100,000		

Section 2 Description

This project is for the replacement of range netting.

History, Status, or Impact if Delayed

Justification or Link to City Goals

Range netting addresses a safety issue and is an operational improvement so that range balls aren't lost.

Section 3 Capital Costs

Activity	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Purchase of Range Netting	0	0	100,000	0	0	0	100,000
Total Capital Cost	0	0	100,000	0	0	0	100,000

Section 4 New or Additional Impact on Operating Budget

Type of Expenditure	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Total							

Section 5 Method(s) of Financing

Funding Source(s)	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future \$\$	Total
Capital Reserve	0	0	100,000	0	0	0	100,000
Total	0	0	100,000	0	0	0	100,000

Section 6 Maps / Charts / Tables / Pictures **Section 7** Comments for Other Depts.

Year 1 Projects

First Year CIP Project Detail

The boxes below provide summary detail for CIP projects scheduled for funding in year 1, or FY 2020, of the CIP. For additional description and cost information, please see each project's individual page in the City's FY 2020-2024 Capital Improvement Plan.

How To Read Example:

Department:	
Project Title:	FY20 Cost
Project Description	<i>Total Capital Cost:</i> Total Cost of Capital Project <i>Total Operating Cost:</i> Total Impact on Operating Budget <i>Funding Source(s):</i> Project's Funding Source

Parks & Recreation Capital Projects:	
HVAC in Gymnasiums:	\$ 542,500
HVAC units will be installed in the gymnasiums at Academy Recreation Center, Logan Multi-purpose Center, and Hartsell Recreation Center.	<i>Total Capital Cost:</i> \$542,500 <i>Total Operating Cost:</i> \$14,500 <i>Funding Source(s):</i> Capital Reserve
Connectivity Plan:	\$ 350,000
This project consists of a plan to accelerate connectivity city wide using recommendations of the Open Space Connectivity Analysis. The OSCA (Open Space Connectivity Analysis) has identified 5 target areas. Within each target area we will be looking at connectivity using bike lanes, multi-use paths, sidewalks and new or improved crosswalks.	<i>Total Capital Cost:</i> \$2,350,000 <i>Total Operating Cost:</i> \$0 <i>Funding Source(s):</i> Capital Reserve
Development of McEachern Greenway, including Hospital Phase and Parking Lot:	\$ 303,200
This project includes land acquisition, design and construction of McEachern Greenway. This project, pursued in several phases, completes the McEachern Greenway.	<i>Total Capital Cost:</i> \$4,973,900 <i>Total Operating Cost:</i> \$155,320 <i>Funding Source(s):</i> Capital Reserve
Develop Coddle Creek Greenway - Phase 1 & 2:	\$ 606,800
The development of Coddle Creek Greenway will be completed in two phases.	
Phase One	
This phase includes a paved greenway along Coddle Creek and Afton Run Branch within Dorton Park (0.38 miles), thereby provides connectivity to Afton Village, the YMCA and Kannapolis. It also includes a paved greenway downstream under Poplar Tent Road (1.52 miles), a connection is made with Poplar Crossing (0.28 miles). This phase includes design and construction.	<i>Total Capital Cost:</i> \$5,205,400 <i>Total Operating Cost:</i> \$40,000 <i>Funding Source(s):</i> Capital Reserve
Phase Two	
This phase would extend the trail to Weddington Road and provide multi-use paths along Weddington Road to George Liles Pkwy (1.5 miles) and sidewalks along George Liles Pkwy North (0.36 miles). This phase includes acquisition, design and construction.	
Parking Improvements at Logan Multi-Purpose Center:	\$ 47,000
This project is to develop parking at the City-owned lot across Booker Street, and acquire/develop vacant Lincoln Street property adjacent to existing lot.	<i>Total Capital Cost:</i> \$267,000 <i>Total Operating Cost:</i> \$0 <i>Funding Source(s):</i> Capital Reserve

Wastewater Capital Projects:	
Lincoln Street Sewer Outfall Replacement to Broad Drive:	\$ 1,348,000
This project will include the replacement of approximately 3,170' of existing 8" and 10" diameter gravity sewer line along Lincoln Street with a 15" diameter gravity sewer line.	<i>Total Capital Cost:</i> \$1,713,000 <i>Total Operating Cost:</i> \$0 <i>Funding Source(s):</i> Capacity Fees
Irish Buffalo Creek Sewer Outfall Replacement to Central Drive:	\$ 100,000
This project will include the replacement of approximately 870' of existing 8" diameter gravity sewer line that is tributary to Irish Buffalo Creek with a 12" diameter gravity sewer line to Central Drive.	<i>Total Capital Cost:</i> \$440,000 <i>Total Operating Cost:</i> \$0 <i>Funding Source(s):</i> Capacity Fees
Irish Buffalo Creek Sewer Outfall Replacement to Aaron Place:	\$ 155,000
This project will include the replacement of approximately 1,090' of existing 15" diameter gravity sewer line that is tributary to Irish Buffalo Creek with a 18" diameter gravity sewer line to Aaron Place.	<i>Total Capital Cost:</i> \$809,000 <i>Total Operating Cost:</i> \$0 <i>Funding Source(s):</i> Capacity Fees

Transportation Capital Projects:		
Virginia St.:		\$ 450,000
The Virginia St. Rehabilitation will remove and replace aging concrete pavement with new asphalt as well as continue sidewalk along the portion that currently does not have any in place. This project was previously approved by City Council in 2014 and funded at \$1,050,000 based on an estimate prepared in 2014. A considerable rise in construction costs in recent years prompted the estimate to be revised, yielding a new estimate of \$1,500,000. This CIP is to request the increase in funding of \$450,000 in order to fund the difference in the the 2014 estimate and today's current revised estimate.	<i>Total Capital Cost:</i>	\$1,500,000
	<i>Total Operating Cost:</i>	\$0
	<i>Funding Source(s):</i>	2¢ Allocation from General Fund
Infrastructure Projects - Pedestrian Improvement Sidewalks:		\$ 500,000
This project consists of constructing new City sidewalks and associated infrastructure to expand the existing pedestrian system. The priority of projects is determined annually in October and presented to City Council for approval in accordance with the Pedestrian Improvement Policy.	<i>Total Capital Cost:</i>	\$2,500,000
	<i>Total Operating Cost:</i>	\$0
	<i>Funding Source(s):</i>	\$5 Vehicle Fees, 2¢ Allocation from General Fund
Spring, Chestnut, Broad Intersection Improvements:		\$ 695,000
This project consists of constructing a single-lane mini-roundabout at the intersection of Spring St., SW and Chestnut Dr., SW as well as realigning Broad Dr., SW.	<i>Total Capital Cost:</i>	\$700,000
	<i>Total Operating Cost:</i>	\$0
	<i>Funding Source(s):</i>	2¢ Allocation from General Fund
US 601 at Flowes Store Rd Improvements:		\$ 1,951,469
This project consists of constructing an additional lane and sidewalk along US 601, traveling from the intersection at Flowes Store Rd/Miami Church Rd to east of the intersection at Zion church Rd., E/NC 49 Interchange.	<i>Total Capital Cost:</i>	\$4,069,872
	<i>Total Operating Cost:</i>	\$0
	<i>Funding Source(s):</i>	2¢ Allocation from General Fund, CMAQ
Fire & Life Safety Capital Projects:		
Training Facility:		\$ 1,050,000
This project involves the construction of a Training facility that would be a joint project between the police and fire departments.	<i>Total Capital Cost:</i>	\$13,698,400
	<i>Total Operating Cost:</i>	\$0
	<i>Funding Source(s):</i>	Capital Reserve
Fire Station 13:		\$ 300,000
The preliminary design, engineering and architecture in FY 24-25 will be the first step in the construction process for Fire Station 13. This project will serve the Cox Mill Road/ Christenbury Parkway area.	<i>Total Capital Cost:</i>	\$6,410,000
	<i>Total Operating Cost:</i>	\$0
	<i>Funding Source(s):</i>	Capital Reserve
Water Capital Projects:		
Coddle Creek WTP Settling Basin Upgrades:		\$ 500,000
This project is to design and construct settling basin upgrades at the Coddle Creek Water Treatment Plan and includes a pilot study.	<i>Total Capital Cost:</i>	\$2,225,000
	<i>Total Operating Cost:</i>	\$0
	<i>Funding Source(s):</i>	Capacity Fees
US Highway 29 Water Tank:		\$ 300,000
This project is to design and construct a new elevated water storage tank along US Highway 29 near the intersection with Cabarrus Avenue.	<i>Total Capital Cost:</i>	\$5,850,000
	<i>Total Operating Cost:</i>	\$0
	<i>Funding Source(s):</i>	Capacity Fees
Poplar Tent Road 24" Water Line Extension:		\$ 413,000
This project will provide a new 24" water line along Poplar Tent Road from International Drive to Eva Drive as part of a water system improvement.	<i>Total Capital Cost:</i>	\$3,888,000
	<i>Total Operating Cost:</i>	\$0
	<i>Funding Source(s):</i>	Capacity Fees
TRS for Midland Tank and Mt. Pleasant Tank:		\$ 100,000
This project includes a Trihalomethane (THM) Reduction System (TRS) which is a spray system designed to reduce the amount of THMs in the finished water.	<i>Total Capital Cost:</i>	\$200,000
	<i>Total Operating Cost:</i>	\$0
	<i>Funding Source(s):</i>	Transfer From Water
Coddle Creek WTP Switchgear Replacement:		\$ 1,485,000
This project is to replace the current switchgear at Coddle Creek WTP with reliable current technology.	<i>Total Capital Cost:</i>	\$1,485,000
	<i>Total Operating Cost:</i>	\$0
	<i>Funding Source(s):</i>	Capacity Fees
GAC Contractors at Hillgrove WTP:		\$ 775,000
This project consists of designing and constructing Granular Activated Carbon (GAC) contactors at the Hillgrove WTP.	<i>Total Capital Cost:</i>	\$5,775,000
	<i>Total Operating Cost:</i>	\$0
	<i>Funding Source(s):</i>	Capacity Fees

Water Capital Projects (Cont.):		
Hillgrove WTP Settling Basin Improvements:		\$ 300,000
This project is to replace failing tube settlers at Hillgrove WTP.	Total Capital Cost:	\$2,600,000
	Total Operating Cost:	\$0
	Funding Source(s):	Future Project Reserve, Transfer from Water
Resurface Clearwell #2 at Hillgrove WTP:		\$ 130,000
This project is for the resurfacing of the north clearwell at Hillgrove WTP.	Total Capital Cost:	\$130,000
	Total Operating Cost:	\$0
	Funding Source(s):	Transfer From Water
Virginia Street 6" Water Line Replacement:		\$ 537,000
This project includes the replacement of approximately 2,200 linear feet of the existing 6" water line along Virginia Street from Corban Avenue to Hillcrest Avenue.	Total Capital Cost:	\$537,000
	Total Operating Cost:	\$0
	Funding Source(s):	Capacity Fee, Transfer From Water
Hillgrove WTP Bulk Storage Fluoride Tank:		\$ 300,000
This project will put a large tank suitable for holding additional fluoride more safely than the current situation and will allow the purchase of fluoride in bulk at a lower price.	Total Capital Cost:	\$300,000
	Total Operating Cost:	\$0
	Funding Source(s):	Transfer From Water
Hillgrove WTP Filter to Waste Valve Rehab/Replacement:		\$ 250,000
This project will replace or rehabilitate the valves that lead from the filters to the waste system to be discarded.	Total Capital Cost:	\$250,000
	Total Operating Cost:	\$0
	Funding Source(s):	Transfer From Water
Spring Street/Chestnut Drive/Broad Drive Intersection Improvement Water Line Replacement:		\$ 280,000
This project is for providing water infrastructure replacements and/or relocations as necessary due to the proposed City Transportation Department improvement project located at the Spring Street/Chestnut Drive/Broad Drive intersection.	Total Capital Cost:	\$280,000
	Total Operating Cost:	\$0
	Funding Source(s):	Transfer From Water
NC Highway 49 24" Water Line Extension:		\$ 900,000
This project consists of providing a new 24" water line along NC Highway 49 from Stough Road to General Services Drive as part of a water system improvement.	Total Capital Cost:	\$7,188,000
	Total Operating Cost:	\$0
	Funding Source(s):	Future Project Reserves
Union Cemetery Road Realignment:		\$ 30,000
This project consists of providing water infrastructure replacements and/or relocations as necessary due to the realignment of Union Cemetery Road as described in the proposed NCDOT project (TIP No. U-5956).	Total Capital Cost:	\$330,000
	Total Operating Cost:	\$0
	Funding Source(s):	Transfer From Water
US Highway 29/601 Bridge Over Irish Buffalo Creek:		\$ 20,000
This project consists of providing water infrastructure replacements and/or relocations as necessary due to the replacement and/or widening of the existing bridge along US Highway 29/601 over Irish Buffalo Creek as described in the proposed NCDOT project (TIP No. B-5808).	Total Capital Cost:	\$220,000
	Total Operating Cost:	\$0
	Funding Source(s):	Transfer From Water
General Capital Projects:		
Union Street Streetscape:		\$ 200,000
Union Street Streetscape - This project consists of widening existing sidewalks, infrastructure improvements as needed, replacing street trees and light poles, etc.	Total Capital Cost:	\$4,200,000
	Total Operating Cost:	\$200,000
	Funding Source(s):	Transfer from Capital Reserve
Fiber Network Extension:		\$ 250,000
This project consists of a fiber network extension to provide high bandwidth connectivity for data, video, telephone, and SCADA needs for various City departments.	Total Capital Cost:	\$1,882,015
	Total Operating Cost:	\$0
	Funding Source(s):	Transfer from Aviation, Transfer from Electric, Transfer from Gen Fund, Transfer from Stormwater, Transfer from Wastewater, Transfer from Water
Grounds Shed Expansion:		\$ 545,000
Expansion of the existing Grounds Shed would be approximately half the construction cost of a new Grounds Shed. This would be the Division's first choice as opposed to constructing an entirely new Grounds Shelter. This project would also include a mezzanine to accommodate the Grounds Crew Supervisors and to serve as a meeting place for a crew of 27 people. It would be 8,000 sq. ft. of covered storage area on a concrete slab. The design fees are not included as they are not anticipated with this expansion.	Total Capital Cost:	\$545,000
	Total Operating Cost:	\$0
	Funding Source(s):	Capital Reserve, Transfer from Aviation, Transfer from Electric, Transfer from Sewer, Transfer from Transit, Transfer from Water

General Capital Projects (Cont.):

Operations Center Improvements - Parking & Access Road:		\$ 458,000
<p>The existing employee parking area at the Alfred M. Brown Operations Center is near capacity, making it difficult to host training events and Citywide functions. This project increases the number of parking spaces and provides an access road that minimizes conflicts between personal vehicles and City vehicles.</p>	<i>Total Capital Cost:</i>	\$1,075,000
	<i>Total Operating Cost:</i>	\$0
	<i>Funding Source(s):</i>	Transfer from General Fund

Electric Capital Projects:

New 44kV Delivery #6 East of Concord - Sub P:		\$ 2,090,000
<p>This project will provide construction of a 44KV power delivery point East of Concord from which the City will purchase power from the electric grid. The project will consist of a 44KV station and four 44KV circuit breakers. The project will also include extension of 44KV transmission line to create interconnect with existing transmission lines providing power to Sub G and Sub I.</p>	<i>Total Capital Cost:</i>	\$2,090,000
	<i>Total Operating Cost:</i>	\$0
	<i>Funding Source(s):</i>	Transfer From Electric
New Delivery #4 & 100 kV Exits Down Hwy 29 - Interconnect - Phase 1:		\$ 5,109,912
<p>This project will provide construction of a 100 kV power delivery point from which the City will purchase power from the electric grid. This project will also consist of a 3.5 mile 100kV transmission line to integrate this Delivery Point with the existing 100 kV infrastructure on Concord Parkway South. This project will also include a 100-44 kv step down transformer to support Duke's Delivery #2.</p>	<i>Total Capital Cost:</i>	\$11,479,912
	<i>Total Operating Cost:</i>	\$0
	<i>Funding Source(s):</i>	Bond Proceeds, Transfer From Electric, Transfer from Utility Reserve Fund
Construction of 100 kV Sub at Delivery #4 - Sub Q - Phase 2:		\$ 3,195,254
<p>This project consists of construction of a 100 KV dual bay 8 circuit electric substation, on the same site that houses Delivery #4.</p>	<i>Total Capital Cost:</i>	\$4,195,254
	<i>Total Operating Cost:</i>	\$0
	<i>Funding Source(s):</i>	Transfer From Electric
Construction of New Electric Substation N in Copperfield Blvd Location:		\$ 500,000
<p>This project will provide an additional 100KV/12.4KV distribution substation to handle growing capacity needs in the City's Northeast service area and enhance the integrity of the current and future electric service to our customers.</p>	<i>Total Capital Cost:</i>	\$4,010,000
	<i>Total Operating Cost:</i>	\$0
	<i>Funding Source(s):</i>	Bond Proceeds, Transfer From Electric
100 kV Tie Line-Liles Blvd to Sub O:		\$ 1,000,000
<p>This project will close a loop fed from Sub O to the 100 KV line at the intersection of George Lyles and Poplar Tent Road. Total project distance is 2.5 miles. The "tie line" will provide an alternate route of electric power to all substations on the western side of the City's service area.</p>	<i>Total Capital Cost:</i>	\$4,465,000
	<i>Total Operating Cost:</i>	\$0
	<i>Funding Source(s):</i>	Bond Proceeds, Transfer From Electric
Construction of New Electric Substation R on Poplar Tent Rd:		\$ 500,000
<p>This project will provide an additional 100KV/12.4KV distribution substation to handle growing capacity needs in the City's Western service area and enhance the integrity of the current and future electric service to our customers.</p>	<i>Total Capital Cost:</i>	\$4,010,000
	<i>Total Operating Cost:</i>	\$0
	<i>Funding Source(s):</i>	Bond Proceeds, Transfer From Electric
Construction of New Electric Substation S on US Hwy 601 S:		\$ 510,000
<p>This project will provide an additional 44KV/12.4KV distribution substation to handle growing capacity needs in the City's Southern service area and enhance the integrity of the current and future electric service to our customers.</p>	<i>Total Capital Cost:</i>	\$4,020,000
	<i>Total Operating Cost:</i>	\$0
	<i>Funding Source(s):</i>	Bond Proceeds, Transfer From Electric

Stormwater Capital Projects:

Glen Eagles Lane Culvert Replacement:		\$ 936,000
<p>This culvert replacement and upsizing under Glen Eagles Lane is to reduce flooding risk to neighborhood homes and replace aging infrastructure.</p>	<i>Total Capital Cost:</i>	\$972,700
	<i>Total Operating Cost:</i>	\$0
	<i>Funding Source(s):</i>	Transfer From Stormwater

Rocky River Golf Course Capital Projects:

Fairway Bunker Restoration:		\$ 129,800
<p>Fairway bunkers on the course need improved drainage and some can be removed. This project will complete course-wide bunker renovations, as the greens side bunkers were completed in Phase 1 in 2016.</p>	<i>Total Capital Cost:</i>	\$434,985
	<i>Total Operating Cost:</i>	\$0
	<i>Funding Source(s):</i>	Transfer From General Capital Reserves

Supplemental Information



CIP Request Form Instructions

Directions: The bolded and italicized words below correspond with the parts that need to be completed on the CIP Request Form. All CIPs are to be entered into the budget software package.

Section 1: Background and Summary Cost Information

- *CIP Title* – List the project title of the capital item.
- *Budget Unit #* – List the budget unit’s accounting I.D. #.
- *Budget Unit* – Name of Department or budget unit requesting capital project. Use the capital project budget unit if applicable.
- *Functional Area* – Name of functional area of the department. Areas include:

-General Government	-Public Safety	-Stormwater
-Public Works	-Economic Development	-Electric Systems
-Culture and Recreation	-Wastewater Resources	-Internal Services
-Water Resources	-Aviation	-Public Housing
-Golf Course	-Public Transit	-Dedicated Transportation Funds
- *Priority Ranking* – Of the CIP requests submitted by the department, list the priority rank for each CIP submission. (**NOTE:** Electric and Water departments should priority rank projects within their fund. All other departments should priority rank projects within their department.)
- *Total CIP Cost* – Total amount requested for the CIP item (including any operating budget expenses outlined in Section 4) (**NOTE:** Bundle capital items together on one request form only if 1) they are for the same project and each item by itself costs over \$100,000 or 2) the group of items will be purchased together using a debt financing method. Example: New fire station and apparatus.)
- *Total Appropriations to Date:* - Enter the amount of money spent to date on the CIP project/item.
 - *Budget Year 1* – Amount of funding requested for the upcoming budget year.
 - *Year 2* – Amount of funding requested for the 2nd year of the CIP.
 - *Year 3* – Amount of funding requested for the 3rd year of the CIP.
 - *Year 4* – Amount of funding requested for the 4th year of the CIP.
 - *Year 5* – Amount of funding requested for the 5th year of the CIP.
- *Type of Project* – Click on the appropriate box to denote if the CIP item is “New,” an “Expansion” or “Renovation” of an existing capital item, or for “Replacement” of an existing capital item. If the project requires land acquisition or right-of-way, please click on the “Land/ROW Acq. Required” box.

Section 2: Discussion on the CIP Request

Please write all statements in complete sentences and proofread your entries

Description – Concisely describe the capital request and the extent or scale of the project. Include a description of:

- what the capital item is and its capabilities or characteristics,
- the purpose of the capital item, and
- how large the item is or how much space does the item require? Does the request involve major renovations or expansions or the construction of buildings?

History, Status, or Impact if Delayed – Briefly state:

- background when the CIP request first appeared on the approved CIP (refer to CIP projects listed in the City’s official budget document)
- if there have been any changes to costs or scope of the project since the first submission of the CIP request
- if the CIP request relates to any other CIP project,
- the current status of the project (for CIP projects that have been approved only in stages, not in entirety). What stages of the project have been completed? What stages remain? And,
- the impact if the capital item is cancelled or delayed.

Justification or Link to City Goals – Briefly state:

- the capital item’s demonstrated need. If the demonstrated need is in the form of a legal mandate, state the timeline the mandate must be implemented. In justifying the item, use of research

- studies/reports, statistics, and/or performance measurement and benchmarking information is preferred, and
- if the project is linked to any planning documents or statements.

Section 3: Capital Costs

- In the corresponding fiscal year, type the estimated costs associated with the type of expenditure activity.
- If the capital item is planned to be started within the 5-year CIP window, but the total costs and project completion will not be carried out within the 5-years, type the remaining costs required to complete the item in the "Future \$\$" column. For example: if a \$100,000 project is planned to begin in year 5 and \$25,000 is spent in year 5, the remaining costs should be entered as \$75,000 in the "Future \$\$" column.

Section 4: New or Additional Impact on Operating Budget

- In the corresponding fiscal year, type any new or additional operating budget costs that would be incurred with the capital request. Items that should be included are new employees needed to operate new equipment, new professional or consulting services needed to operate the capital item, additional materials and supplies needed to operate the capital item, and maintenance and fuel for the capital item.
- Each future year cost should be calculated with a 3.5% inflation factor.

The system will automatically calculate cost totals for this section.

Section 5: Method(s) of Financing

- Select the Funding Source for the capital project (refer to the CIP policy for available funding options and consult the Finance Department if necessary) and the amount of revenue needed in the corresponding fiscal year.
- If the capital item is not planned to be completed within the 5-year CIP, type the remaining revenue – in the "Future \$\$" column – required to complete the capital item.
- NOTE:** Revenues should equal expenditures for each fiscal year and for the entire capital item as a whole.
- NOTE:** If a CIP request also incurs operating expenses, be sure to identify the non-debt method (refer to CIP policy) that will cover the operating expenses.

Section 6: Maps / Charts / Tables / Pictures

- Upload any available items that aid in describing the capital item and/or its location within the city. Charts may also be used to better convey the demonstrated need.

Section 7: Comments for Other Depts.

- This section has been added for you to add any comments you may have for other departments related to this project. Use it to alert other departments where their work may be needed for project completion.
- Place any notes for Legal here, including the type of estate (Fee Simple, Easement, etc) and a description of property needs (acreage, location, etc).

Please use the following format when creating each CIP request:

CIP Number: CIP-[budget unit]-[request year]-[priority #]

Title: Description of the Project

All CIPs are to be added to the budget system before the scheduled budget review meeting.

Section 1		CIP Title					Budget Unit #	
Budget Unit		Functional Area				Priority Rank		
Total CIP Cost	Total Appropriations to date	Budget Year 1 FY2019-20	Unappropriated Subsequent Years				Total Requested Funds	Type of Project <input type="checkbox"/> New <input type="checkbox"/> Expansion <input type="checkbox"/> Replacement <input type="checkbox"/> Renovation <input type="checkbox"/> Land/ROW Acq. Required
			Year 2 FY2020-21	Year 3 FY2021-22	Year 4 FY2022-23	Year 5 FY2023-24		
Section 2		Description						

History, Status, or Impact if Delayed

Justification or Link to City Goals

Section 3		Capital Costs					
Activity	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future\$\$	Total
Prelim Design/ Plans Engineering / Arch Serv							
Land/ ROW/ Acquisition							
Clear/ Grade/ Site Prep							
Building/ Utility Construction							
Heavy Equip/ Apparatus							
Light Equip/ Furniture							
Hardware/Software							
Total Capital Cost	-	-	-	-	-	-	-

Section 4		New or Additional Impact on Operating Budget					
Type of Expenditure	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future\$\$	Total
Total	-	-	-	-	-	-	-

Section 5		Method(s) of Financing					
Funding Sources(s)	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Future\$\$	Total
Total	-	-	-	-	-	-	-

Section 6 Maps / Charts / Tables / Pictures **Section 7** Comments for Other Depts.

Glossary of Capital Improvement Plan Terms & Common Acronyms

Appropriation: Expenditure authority created by the City Council.

Bond: A written promise to pay a specific amount of money with interest within a specific time period, usually long-term.

Budget Unit: An organizational budget / operating division within each City department (e.g. Tree Trimming is a budget unit within the Electric Systems department.).

Capital Expenditure: Irregularly occurring expense that results in the acquisition of a fixed asset and has a useful life greater than one (1) year.

Capital Improvement Program/Plan (CIP): A multi-year plan (5 years for the City) for the construction or acquisition of major capital items (over \$100,000). The plan usually outlines spending needs, the financing source or sources expected, and the impact of the CIP on future annual operating budgets. Does not include vehicles or equipment.

Capital Outlay: An expenditure expected to have a useful life greater than one year or a total value of \$5,000 or more resulting in the acquisition of or addition to a fixed asset. Examples of capital outlay expenditures include vehicles, mowing equipment, and buildings. The portion of the budget pertaining to the purchase of capital outlay items.

Capital Project: A capital improvement that usually requires a major initial investment, and a significant and continuing financial commitment in the form of operating costs.

Capital Project Ordinance: The official enactment by the City Council to establish legal authority for City officials to obligate and expend resources for capital.

Certificates of Participation (COPS): A security created as a part of a lease-purchase agreement. The lender, the holder of the certificate, owns a right to participate in periodic lease payments (interest and return of principal) as they are paid.

Community Development Block Grant (CDBG): An entitlement grant from the U.S. Department of Housing and Urban Development (HUD) to assist low and moderate income persons of the City in targeted neighborhoods.

This fund is required by federal regulations to account for the use of these funds.

Enterprise Fund: A fund that accounts for governmental activities supported wholly or partially with user fees or charges and operated using business principles.

Expenditures: The measurement focus of governmental fund accounting identifying financial resources expended during a period for operations, capital outlay, and long-term debt principal retirement and interest. With the exception of long-term debt principal retirement expenditures, expenditures reflect the cost incurred to acquire goods and services.

Expenses: The measurement focus of proprietary fund accounting identifying costs expired during a period, including depreciation and other allocations as in business accounting. Expenses reflect the cost of goods or services used.

Fiscal Year: A 12-month period of time, from July 1 through June 30, to which the annual budget applies.

Fixed Asset: An asset of long-term character. For budgetary purposes, a fixed asset is defined as an item costing \$5,000 or more with an expected life of more than one year.

Functional Area: A group of related programs crossing organizational (departmental) boundaries and aimed at accomplishing a similar broad goal or major service. Examples of functions within the City of Concord include Public Safety, Cultural and Recreational, and General Government.

Fund: A fiscal and accounting entity that has a self-balancing set of accounts recording cash and other financial resources, as well as related liabilities and residual equity. These are segregated to carry on specific activities or objectives in accordance with special regulations, restrictions or limitations as established by State and Federal governments.

Funding Sources: Identifies fund(s) that will provide money for project expenditures.

Goal: A broad policy statement outlining the general direction or intent of an organizational unit's major

activities within a medium-range time period, usually 3-5 years.

Generally Accepted Accounting Principles (GAAP): Uniform minimum standards and guidelines for financial accounting and reporting. GAAP encompasses the conventions, rules, and procedures necessary to define accepted accounting practices.

General Obligation Bonds (GO Bonds): Bonds issued by a government that are backed by the full faith and credit of its taxing authority.

General Fund: A governmental fund used to account for all financial resources of the City, except those required to be accounted for in another fund. Revenues to support the General Fund are derived from sources such as property tax, sales tax, franchise fees, and service fees.

Governmental Funds: Funds used to separate, control, and track financial resources of general government operations. The four governmental fund types include: 1) General Fund, 2) Special Revenue Funds, 3) Capital Projects Funds, and 4) Debt Service Funds.

Grant: A contribution by a government or other organization to support a particular function.

Intergovernmental Revenues: Revenues from other governments (State, Federal or local) that can be in the form of grants, shared revenues, or entitlements.

Internal Service Fund: This fund is used to account for the financing of goods or services provided by one department or agency to other departments or agencies of the governmental unit, on a cost-reimbursement, or cost allocation, basis.

Operations: The portion of the budget pertaining to the daily operations that provides basic governmental services. The operating portion of the budget contains appropriations for such expenditures as supplies, utilities, materials, and travel.

Ordinance: A formal legislative enactment by the City Council that has the full force and effect of law within the boundaries of local, State, and Federal law.

Pay-As-You-Go (or Pay-Go): Financial policy of a government unit that finances capital outlays from current revenues rather than through borrowing.

Policy: A direction that must be followed to advance toward a goal. The direction can be a course of action or a guiding principle.

Powell Bill Funds: Funding from state-shared gasoline taxes that are restricted for use on maintenance of local streets and roads.

Program: A well-defined portion of the operating plan for which a distinct set of goals and outcomes may be developed.

Retained Earnings: Amounts shown as retained earnings represent accumulated earnings of proprietary funds after all budgeted business expenses have been made.

Revenue: Funds the City receives as income. It includes tax payments, fees for services, grants, fines, forfeitures, and interest income.

Revenue Bonds: Bonds issued by a government that are backed by a specific revenue source – such as special assessments, water/sewer fees, and electric fees.

Special Revenue Fund: A fund used to account for the revenues from specific sources that are to be used for legally specified expenditures.

COMMON BUDGET & PERFORMANCE MEASUREMENT ACRONYMS

CDBG = Community Development Block Grant

CIP = Capital Improvement Plan

COPS = Certificates of Participation

FTE = Full-time Equivalent

FY = Fiscal Year

GAAP = Generally Accepted Accounting Principles

GASB = Governmental Accounting Standards Board

GFOA = Government Finance Officers Association

GO Bonds = General Obligation Bonds

MPO = Metropolitan Planning Organization

NCGS = North Carolina General Statute

PIP = Pedestrian Improvement Plan

PM = Performance Measurement

ROW = Right-of-Way

WSACC = Water & Sewer Authority of Cabarrus County