

Concord

NORTH CAROLINA



Capital Improvement Plan

2021-2025

www.concordnc.gov



Photo Credits: *City of Concord Parks and Recreation's Facebook Page*. Photo from the 2016 Family Fishing Derby at Lake Fisher in Concord, NC.



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

Table of Contents

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

	<u>PAGE</u>
Mission Statement and Core Values	
Table of Contents	
Introduction / Summary Information	
Guide to the Sections of the CIP Document.....	2
CIP Process and CIP Calendar	3
Manager’s CIP Message.....	4
City Council’s Strategic Plan CIP Highlights.....	8
Fund and Budget Unit Organizational Structure.....	9
CIP Policy.....	11
Capital Projects Ordinance.....	13
Detailed CIP Project Information	
Summary of City CIP Expenditures.....	18
Capital Projects – Operating Impacts.....	19
Listing of Capital Projects.....	22
Parks & Recreation Capital Projects.....	33
Wastewater Capital Projects.....	68
Transportation Capital Projects.....	76
Fire Capital Projects.....	87
Water Capital Projects.....	92
General Capital Projects.....	121
Aviation Capital Projects.....	133
Electric Capital Projects.....	152
Stormwater Capital Projects.....	167
Rocky River Golf Course Capital Projects.....	181
Year 1 Projects	
First Year CIP Project Detail.....	184
Supplemental Information	
CIP Request Form Instructions.....	189
Blank Sample CIP Request Form.....	191
Glossary.....	192

Introduction & Summary Information

Guide to the Sections of the FY 2021-2025 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 2021 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 2021. 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, the Strategic Plan, 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.

FY2021-2025 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	9/23/19	10/18/19												
Council and Community service level goals and objectives established by Mayor & City Council	2/1/20	2/1/20												
CIPs discussed during departmental budget meetings	1/28/20	2/26/20												
CIP selection committee review meetings	12/3/19	2/13/20												
City Manager's recommended budget containing CIPs presented to Mayor & City Council	4/7/20	4/7/20												
Budget available for public viewing at City Clerk's Office	5/29/20	6/11/20												
Mayor & City Council review budget and performance objectives	5/29/20	6/11/20												
Public Hearing conducted; CIP ordinance adopted by City Council	6/11/20 (Budget Public Hearing)	6/11/20 (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



July 1, 2020
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 2021-2025. 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, master planning efforts, and departmental recommendations. A summary version of the CIP was provided with my recommended budget and fiscal year 2021 projects were included in the operating budget that City Council adopted on June 11, 2020. 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 current economic conditions, 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 2021 includes funding for a variety of City projects.

Enhancing Quality of Life/Place: During times of crisis, it is important to provide consistency and comfort to our citizens. Funding recognizes this importance and the priorities of Council throughout this plan. As recognized in the Comprehensive Parks & Recreation Master Plan, there are recreation needs in the City's Northwest/West section. The funding for the creation of a park in that area combined with the upfit of other recreation areas throughout the City, creates areas for citizens to safely exercise or enjoy the outdoors. Safety is also the main goal in funding Fire Station #12. This new station will allow for better response times in an underserved area, as well as allow the City to maintain its current ISO rating. The multi-departmental Union StreetScape project will create a more engaging downtown with space for outdoor dining opportunities and increased foot traffic promoting economic development, which is a key tenet in place-making and increasing the quality of life and will be a key component in the coming future as we make our way out of the current economic challenges.

Improving Traffic Conditions & Pedestrian Safety: Funding for pedestrian sidewalks remains in the Capital Improvement Plan based on the needs expressed in the citizen survey results. The Union StreetScape project not only helps create a sense of place within the downtown area, it also allows for pedestrians more area to walk safely in the downtown area, while slowing traffic on Union Street. Stemming from a site security analysis, the Traffic Calming on General Services Drive project will create a roundabout at the Alfred Brown Operations Complex (BOC), which will reduce speeds of vehicles coming to the BOC while allowing others to quickly turn around if they need to.

Maintenance of City Facilities & Infrastructure: Providing reliable services and infrastructure as the City continues to grow drives projects such as the Construction of Substation R, Delivery #1 Replacement, and the Raw Water Line at Coddle Creek Water Treatment Plant. The projects listed throughout this plan create stronger

infrastructure that can sustain through critical events and support the citizens of Concord. Dedicated operations centers for the Electric and Transportation departments allow for the BOC to grow with the needs of the City.

Environmental Protection: Health, wellness, and safety are and always have been an important focus of the City. Through our focus on the environment, the City protects the health, wellness, and safety of our citizens. Funding represents this effort by replacing two culverts and upfitting multiple water lines. Funding also is allocated for Wastewater's two outfall projects and the Poplar Tent Road – Sewer Extension at Cobblestone Lane.

First-Year CIP Project Listing

A total of \$46,040,284 in capital projects has been identified for FY 2021. A list of all first-year projects and their primary funding sources (in parenthesis) can be found below. Project costs listed below include both the amounts listed in the Capital Project Ordinance as well as the operating expenses included with each project. Additional project detail is available on the following pages of this CIP document.

Parks & Recreation Capital Projects Fund (all projects funded with a Transfer from General Capital Reserves)

- Northwest/West Park Development: \$867,502
- Caldwell Park Improvements: \$500,000
- Parking Lot Improvements – Mountain Bike Trail: \$195,000
- Parking Lot Improvements – Logan Multi-Purpose Center: \$242,000
- McEachern Greenway – Hospital Phase and Parking Lot: \$374,000
- Development of the Academy Recreation Center Complex: \$47,000
- Hector H. Henry II Greenway – Mills at Rocky River Phase: \$61,460
- Hartsell Park Improvements: \$85,000
- Hector H. Henry II Greenway – Riverwalk Phase: \$185,000
- Dorton Park Improvements: \$521,640

Wastewater Capital Projects Fund

- Poplar Tent Road - Sewer Extension at Cobblestone Lane: \$360,000 (System Development Fees)
- Cold Water Creek Tributary Outfall to NC Highway 49: \$1,783,000 (Bond Proceeds)
- Coddle Creek Tributary Outfall to Sunberry Lane: \$798,000 (Future Project Reserves, Transfer from Sewer)
- Union StreetScape – Wastewater: \$234,000 (Transfer from Sewer)
- Sewer Lining & Manhole Rehabilitation: \$1,000,000 (System Development Fees)

Transportation Capital Projects Fund

- Alfred M Brown Center Expansion Road: \$800,000 (2.25¢ Allocation from General Fund)
- Upfit of Former Cabarrus County Facility for Transportation Department: \$1,167,232 (2.25¢ Allocation from General Fund)
- Pedestrian Improvement Sidewalks: \$500,000 (2.25¢ Allocation from General Fund, \$5 Vehicle Fees)
- I-85 Branding Project: \$200,000 (2.25¢ Allocation from General Fund)

Fire Capital Projects Fund

- Fire Station #12: \$7,245,630 (Financing Proceeds, Operating Revenues)

General Capital Projects Fund

- Traffic Calming on General Services Drive: \$171,460 (Future Projects)
- Union StreetScape: \$3,300,500 (Transfer from General Capital Reserves)
- Joint Communications Facility: \$125,000 (Future Projects, Transfer from General Capital Reserves)

- Rutherford Cemetery Expansion - Inside the Fencing: \$28,640 (Transfer from General Capital Reserves)
- Rutherford Cemetery Expansion - 10.6 Acres Outside Fencing: \$50,000 (Transfer from General Capital Reserves)

Stormwater Projects Fund (all projects funded with a Transfer from Stormwater)

- Duval Street Culvert Replacement: \$1,112,000
- Dylan Place Culvert Replacement – Upper & Lower: \$130,000
- Union StreetScape – Stormwater: \$436,000

Electric Projects Fund

- New Delivery #4/100 kV - Highway 29, Phase 1: \$5,000,000 (Transfer from Electric)
- 100 kV Interconnect Between Delivery #4 and Sub E: \$1,000,000 (Transfer from Electric)
- Construction of Substation R - Poplar Tent Road: \$500,000 (Transfer from Electric)
- Construction of Substation S - US Highway 601: \$3,510,000 (Transfer from Electric)
- Delivery #1 Replacement: \$300,000 (Transfer from Electric)
- Construction of Substation T - Concord Parkway, South: \$1,000,000 (Transfer from Utility Capital Reserve)
- Construction of Substation U - Cabarrus Arena: \$1,000,000 (Transfer from Utility Capital Reserve)
- Construction of Substation V - Weddington Road Extension Area: \$1,000,000 (Transfer from Utility Capital Reserve)
- Construction of Electric Operations Center: \$1,500,000 (Bond Proceeds)
- Union StreetScape – Electric: \$1,108,220 (Transfer from Electric)

Water Projects Fund:

- Poplar Tent Road 24" Water Line Extension: \$210,000 (System Development Fees)
- Raw Water Line at Coddle Creek Water Treatment Plant: \$3,600,000 (Transfer from Water)
- Spring Street 8" Water Line Replacement: \$950,000 (Transfer from Water)
- US Highway 601 Pump Station Rehabilitation: \$250,000 (System Development Fees)
- Union StreetScape – Water: \$878,000 (Transfer from Water)
- NC Highway 73 Water Main Connection to Charlotte Water: \$750,000 (System Development Fees)
- General Services Drive 12" Parallel Water Line: \$64,000 (System Development Fees)
- Zion Church Road 12" Parallel Water Line: \$100,000 (System Development Fees)
- Coddle Creek Water Treatment Plant Dewatering Process Improvements: \$100,000 (Future Projects, Transfer from Water)
- Poplar Tent Widening - East of I-85 to George Liles Blvd: \$200,000 (Future Projects)
- NC Highway 73 Widening - Poplar Tent Road to US Highway 29: \$400,000 (Future Projects)

Rocky River Golf Course: (Transfer from General Fund Capital Reserves)

- Range Netting: \$100,000

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. Many items listed above use this method.

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

Future Projects: Whenever capital projects are anticipated, but not specified, funds are designated to future projects to be used when a project is defined, or in some instances, capital projects are completed at a lower

cost than originally budgeted. Any remaining funding from such projects can be re-allocated to future capital projects within the same fund.

Vehicle Fees: The City collects a \$30 fee for vehicles registered within City limits. Twenty-five dollars from this fee goes directly to fund transportation projects and street resurfacing.

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 follows a strict policy on when to take out debt. However, it is sometimes a necessary tool to finance capital projects.

System Development 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,

A handwritten signature in black ink, appearing to read "Lloyd Wm. Payne, Jr.", written in a cursive style.

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

Strategic Plan 2020 - 2023

FY 21 CIP Highlights

The **City of Concord Strategic Plan** is a planning tool that prioritizes the goals and objectives of the City Council. This plan guides the City and its departments in funding decisions for each year.

This page lists the First Year CIP projects that are connected to the Strategic Plan. Projects will have associated icons (below) on their individual project pages.

For more information about the Strategic Plan please visit:
<https://www.concordnc.gov/strategicplan>

Projects

General Government:

N/A

Public Works:

Delivery #4 (pg. 153)

All Water Projects (pg. 93-120)

All Wastewater Projects (pg. 69-75)

All Stormwater Projects (pg. 168-180)

Public Safety:

Fire Station #12 (pg. 89)

Joint Communications Facility
(pg. 127)

Recreation & Culture:

Northwest/west park (pg. 35)

Caldwell Park Improvements
(pg. 36)

McEachern Greenway–Hospital
Phase and Parking Lot (pg. 44)

Development of Academy Rec
Center Complex (pg. 46)

Hector H. Henry II Greenway
Projects (pg. 47, 49)

Transportation:

Alfred M Brown Expansion Rd
(pg. 77)

Pedestrian Improvement Sidewalks
(pg. 79)

I-85 Branding Project (pg. 82)

Economic Development:

Union StreetScape
(pg. 72, 98, 126, 166, & 170)

General Government



Public Safety



Public Works



Transportation



Culture & Recreation



Economic Development



Fund & Budget Unit Structure (FY 2020-2021)

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. HCV Admin – 1500
2. HCV HAP – 1501

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

1. Addl. \$5 Vehicle Tax – 8200

FUND 310 – COMMUNITY DEVELOPMENT BLOCK GRANT FUND

1. Administration – 3113
2. Projects – 3114

FUND 320 – HOME CONSORTIUM FUND

1. Administration – 3211
2. Projects – 3212

FUND 370 – REVOLVING HOUSING FUND

1. Revolving Housing Projects – 3700

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 Farebox/Local Expense – 7650
2. Transit Grant Expense – 7690

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

FUND 421 – WASTEWATER CAPITAL PROJECTS

1. Wastewater Projects – 8402

FUND 423 – TRANSPORTATION CAPITAL PROJECTS

1. Streets Projects – 8600

FUND 426 – FIRE PROJECTS

1. Fire Projects – 8670

FUND 429 – WATER CAPITAL PROJECTS

1. Water Projects – 8700

FUND 430 – GENERAL CAPITAL PROJECTS

1. BOC Capital Projects – 8800
2. 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 280 – PARKS & RECREATION CAPITAL RESERVE

1. Parks & Recreation Capital Reserve – 8100

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 annual operating 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, Director of Engineering, Budget & Performance Manager, and Budget Analysts.

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 or capital 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.

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, 2020 and ending June 30, 2021.

SECTION 1: CAPITAL RESERVE PROJECTS

General Fund – Recreation Capital Reserve Fund 280

Future Project Reserves	\$675,832	
From General Fund (1/2 cent)		\$675,832
	<u>\$675,832</u>	<u>\$675,832</u>

General Fund – Capital Reserve Fund 285

Transfer to Capital Projects	\$6,467,742	
Transfer to General Fund	\$4,241,893	
Transfer to Golf Project Fund	\$100,000	
From Future Project Reserves		\$10,809,635
	<u>\$10,809,635</u>	<u>\$10,809,635</u>

Utility Fund – Capital Reserve Fund 282

Future Water Projects	\$1,090,220	
Future Sewer Projects	\$392,000	
Transfer to Electric Project	\$4,000,000	
Future Electric Projects		\$4,000,000
Transfers from Sewer Fund		\$392,000
Transfers from Water Fund		\$1,090,220
	<u>\$5,482,220</u>	<u>\$5,482,220</u>

Specific future capital projects may be found in the City's Capital Improvement Plan Listing.

SECTION 2: GENERAL FUND CAPITAL PROJECTS

Recreation Projects -Fund 420

Caldwell Park Improvements	\$500,000	
NW Park	\$867,502	
Dorton Park Improvements	\$521,640	
Mountain Bike Trail – Parking	\$195,000	
Academy Rec Center Complex	\$47,000	
Hartsell Park Improvements	\$85,000	
McEachern Greenway– Hospital	\$374,000	
Parking – Logan Multipurpose Center	\$242,000	
HH – Mills at Rocky River Greenway	\$61,460	
HH – Riverwalk Greenway	\$185,000	
From the General Reserve Fund		\$3,078,602
	<u>\$3,078,602</u>	<u>\$3,078,602</u>

General Projects Fund 430

Traffic Calming	\$171,460	
Rutherford Expansion – Fencing	\$78,640	
Union Street Streetscape	\$3,300,500	
Joint Communication Facility	\$125,000	
Transfer to General Fund	\$85,000	
Cell Tower Relocation	(\$85,000)	
Future Projects		\$286,460
Transfer from General Reserve		\$3,389,140

\$3,675,600 \$3,675,600

Fire Projects Fund 426

Transfer to General Fund	\$300,000	
Fire Station 10	(\$300,000)	
Fire Station #12	\$5,950,000	
Financing Proceeds		\$5,950,000
	<u>\$5,950,000</u>	<u>\$5,950,000</u>

SECTION 3: OTHER FUND CAPITAL PROJECTS

Transportation Projects Fund 423

Brown Center Road Expansion	\$800,000	
Pedestrian Improvements (Sidewalks)	\$500,000	
Upfit Cabarrus County Facility	\$1,167,232	
I85 Branding	\$200,000	
Future Projects	\$ 88,182	
Concrete Street Reconstruction	\$675,832	
Vehicle Licenses \$5 Fee		\$390,000
From General Fund (.25 cents)		\$337,916
Transfer from General Fund (2 cents)		\$2,703,330
	<u>\$3,431,246</u>	<u>\$3,431,246</u>

Stormwater Projects Fund 474

Duval Street Culvert	\$1,112,000	
Dylan Place Culvert	\$130,000	
Union Street Streetscape	\$436,000	
Transfer from Stormwater Fund		\$1,678,000
	<u>\$1,678,000</u>	<u>\$1,678,000</u>

Electric Projects Fund 473

Delivery #4 100kV Hwy 29	\$5,000,000	
Delivery #1 Replacement	\$300,000	
Delivery #4 and Sub E Interconnect	\$1,000,000	
Substation T Hwy 29-W Bypass	\$1,000,000	
Substation U Cabarrus Arena	\$1,000,000	
Substation V Weddington Road	\$1,000,000	
Union Street Streetscape	\$1,108,220	
Substation R Poplar Tent	\$500,000	
Substation S Hwy 601	\$3,510,000	
Electric Operations Center	\$1,500,000	
Future Projects		\$87,000
Transfer from Electric Fund		\$10,331,220
Bond Proceeds		\$1,500,000
Transfer from Utility Reserve Fund		\$4,000,000
	<u>\$15,918,220</u>	<u>\$15,918,220</u>

Water Projects Fund 429

Raw Waterline - Coddle Creek	\$3,600,000	
Poplar Tent 24" Line	\$210,000	
Spring Street Line Replacement 8"	\$950,000	
Hwy 601 Pump Station Rehab.	\$250,000	
Union Street Streetscape	\$878,000	
NC73 Water Connection to Charlotte	\$750,000	
Poplar Tent - I85 to George Liles	\$200,000	
Coddle Creek WTP Dewatering	\$100,000	
General Service Dr. Parallel Line 12"	\$64,000	
Zion Church Parallel Line 12"	\$100,000	
Hwy 73 Widening-Poplar Tent to US29	\$400,000	
From Future Project Reserves		\$690,000
System Development Fees		\$1,374,000
Transfer from Water Fund		\$5,438,000

	<u>\$7,502,000</u>	<u>\$7,502,000</u>
<u>Wastewater Projects Fund 421</u>		
Sewer Lining & Manhole Rehab.	\$1,000,000	
Poplar Tent Sewer Ext.- Cobblestone	\$360,000	
Coldwater Creek Outfall to Hwy 49	\$1,783,000	
Coddle Creek Outfall to Sunberry	\$798,000	
Union Street Streetscape	\$234,000	
Future Projects		\$627,500
Bond Proceeds		\$1,783,000
Transfer from Wastewater Fund		\$404,500
System Development Fees		\$1,360,000
	<u>\$4,175,000</u>	<u>\$4,175,000</u>
<u>Golf Projects Fund 475</u>		
Range Netting	\$100,000	
Transfer from General Capital Reserve Fund		\$100,000
	<u>\$100,000</u>	<u>\$100,000</u>
<u>Revolving Housing Projects Fund 370</u>		
Future Housing Projects	\$675,832	
Transfer from General Fund		\$675,832
	<u>\$675,832</u>	<u>\$675,832</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

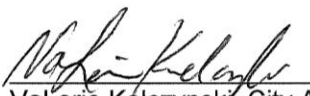
This ordinance shall be the basis of the financial plan for capital improvement projects for the City of Concord during FY 2020-21. The above revenues/expenditures shall extend from year to year until each individual project is completed and closed.

This Ordinance is approved and adopted this 11th day of June, 2020.

CITY COUNCIL
CITY OF CONCORD
NORTH CAROLINA



William C. Dusch, Mayor



VaLerie Kolczynski, City Attorney

ATTEST:



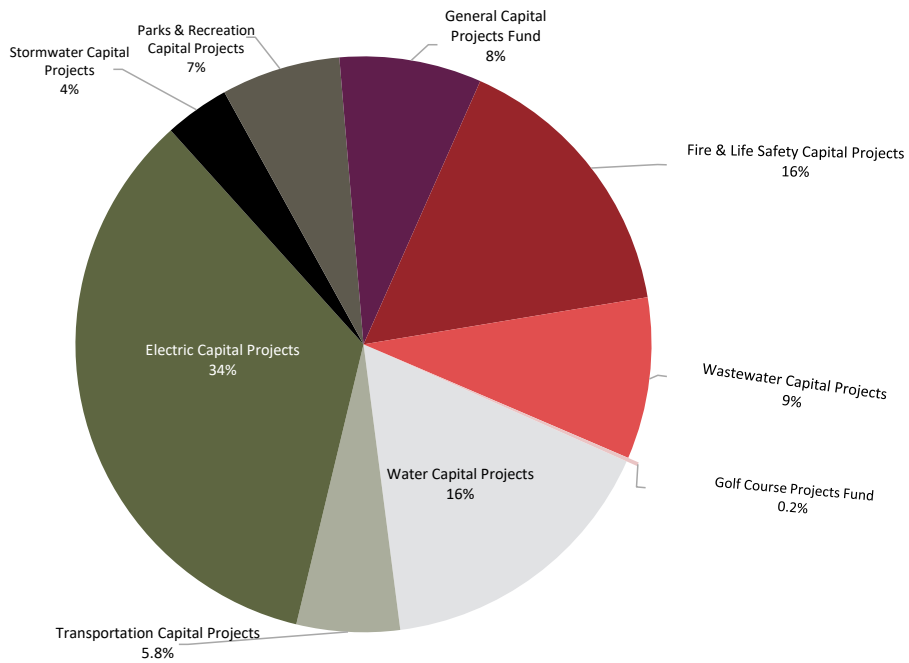
Detailed CIP Project Information

Summary of City CIP Expenditures

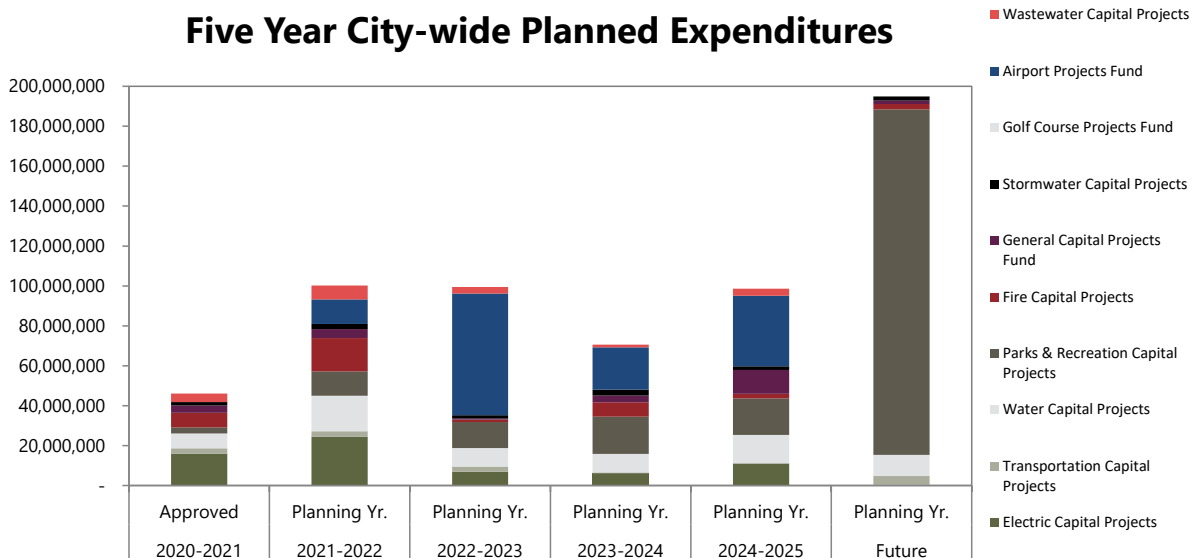
By Fund	2020-2021 Approved	2021-2022 Planning Yr.	2022-2023 Planning Yr.	2023-2024 Planning Yr.	2024-2025 Planning Yr.	Future Planning Yr.
Parks & Recreation Capital Projects	3,078,602	12,210,594	13,138,913	18,669,192	18,279,650	173,100,997
Wastewater Capital Projects	4,175,000	6,930,000	3,278,000	1,322,000	3,512,000	-
Transportation Capital Projects	2,667,232	2,683,404	2,500,000	500,000	-	4,775,000
Fire Capital Projects	7,245,630	16,688,877	1,119,724	7,150,636	2,399,793	2,676,424
Water Capital Projects	7,502,000	17,771,250	9,242,000	9,287,000	14,199,000	10,536,000
General Capital Projects Fund	3,675,600	4,527,299	537,041	3,430,000	11,920,000	1,760,000
Airport Projects Fund	-	12,338,676	60,952,889	21,284,700	35,304,000	-
Electric Capital Projects	15,918,220	24,505,500	6,989,299	6,060,000	11,100,000	-
Stormwater Capital Projects	1,678,000	2,562,000	1,681,000	2,880,000	1,863,000	2,036,000
Golf Course Projects Fund	100,000	-	-	-	-	-
Total Expenditures	46,040,284	100,217,600	99,438,866	70,583,528	98,577,443	194,884,421

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

FY 2020-21 CIP Expenditures by Project Fund



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

A substantial amount of funding for FY 20-21 capital improvement projects comes from transfers from operating budgets. Revenues are generated through sources such as user fees and/or utility rates. The following amounts will be transferred from Operating funds to Capital Project funds:

Stormwater Fund:	\$ 1,678,000
Electric Fund:	\$ 10,331,220
Water Fund:	\$ 5,438,000
Wastewater Fund:	\$ 404,500

Additional Operating Impacts for First Year CIPs

Fire:

Fire Station #12: First year funding allocations for this project are for clearing/grading the site of the new station, construction, and furnishings. Along with these capital costs, an additional 18 FTEs are needed for this station. These FTEs will be made up of 6 Firefighters, 3 Fire Engineers, 3 Fire Lieutenants, 3 Fire Captains, and 3 Battalion Chiefs. Salary, benefits and equipment for one new Firefighter equals \$62,694 and increases as position level increases. However, the total impact of these new FTEs will not be realized until FY 22, since they have a scheduled start date of April 2021 to align with the completion of the fire station. The other operating impact that will be seen in FY 21 is the cost of the new Fire Engine #12 (\$700,000) and its equipment (\$80,000). *(Total impact in FY 21: \$1,295,630, FY 22: \$1,254,541)*

An additional fire truck is anticipated to come online in FY 25. This truck will bring along another 18 FTEs and corresponding equipment, which is presumed to be slightly higher than the cost of current salary, benefits, and equipment. *(Total impact starting in FY 25: \$2,399,793)*

Other operating impacts that are anticipated to come from this project, but are not as quantifiable, are utilities costs and building maintenance costs. These costs can vary depending on the design and build of the new fire station.

Parks & Recreation:

WW Flowe Park Phase One Improvements & Phase Two Expansion: With the addition of new active recreational amenities, Parks & Recreation will need to increase staffing levels to perform necessary tasks at the park adequately. Seven new FTEs are anticipated in FY 30 at

a cost of about \$269,000 for salary and benefits. *(Total Impact starting FY 30: \$269,033) (For other operating impacts associated with this project, please see Building & Grounds)*

Building & Grounds:

Northwest/West Park Development: With design in FY 21 and construction funding in FY 22, operating impacts of this project are not anticipated until FY 24. Once the construction of the park is finished, the City will need to maintain the park with an increase in Building & Grounds staff. With the size of the new park, an additional B&G crew member and an additional crew supervisor will be required along with all of their equipment, including a crew truck. The total of this crew is anticipated to be around \$151,000 with half being salary and benefits for the new crew. *(Total impact starting FY 24: \$151,426)*

Caldwell Park Improvement: Similar to the Northwest/West Park project, design and construction funding will expand from FY 21 to FY 23 and will not require additional staffing from B&G until FY 24. When the need does arise, one B&G FTE with equipment will be sufficient to maintain the improved park. This is an anticipated cost of around \$44,000. *(Total impact starting FY 24: \$44,087)*

WW Flowe Park Phase One Improvements & Phase Two Expansion: Once the WW Flowe Park development phases are complete, these plots of land will need to be maintained by Building & Grounds coworkers. A two-person crew with equipment is anticipated for the upkeep of the new amenities and grounds of the Park. Two new positions are forecasted to cost around \$86,000 for salary and benefits and \$55,000 for equipment and a vehicle. However, these additional coworkers will not be necessary earlier than FY 30. *(Total Impact starting FY 30: \$141,370)*

Development of McEachern Greenway-Hospital Phase and Parking Lot: Construction for the final section of this Phase of the McEachern Greenway is slated for FY 25. With the increased area for B&G to maintain, another FTE will be necessary to perform this maintenance effectively. This new position is anticipated for FY 26 with a salary of about \$34,000 and equipment and a vehicle costing about \$38,000. *(Total impact starting FY 26: 72,094)*

Development Academy Recreation Center Complex: Incorporating turf on Webb field will subsequently require upkeep. One new B&G employee is anticipated to perform this upkeep starting in FY 23. The anticipated salary for this position is about \$35,116 with equipment costs of about \$10,000. *(Total impact starting FY 23: \$45,116)*

Hartsell Park Improvements: This project's re-development of Hartsell Park and its connectivity to Hartsell recreation center will require the current part-time B&G staff to increase hours to become a regular part-time employee. This will be an anticipated cost of about \$16,000 in FY 26. *(Total operating impact starting in FY 26: \$16,000)*

Water:

Raw Waterline at Coddle Creek WTP: The addition of a second raw waterline will allow Coddle Creek Water Treatment Plant to continue operations in the event of a broken line or if the current line needs rehabilitation. This can have a direct effect on operating revenues. If no water is coming from that plant, less water is being purchased. However, with the redundancy in raw waterlines, revenues will not be impacted as negatively when a line is down.

Coddle Creek WTP Dewatering Process Improvements: The purpose of this project is to install the best option for dewatering and solids handling at the Coddle Creek Water Treatment Plant. By increasing the efficiency of the WTP's dewatering processing, it will directly reduce the operating expense that is spent annually on this process.

Communications:

Joint Communications Facility: This project is in tandem with the Training Facility Project mentioned in the Fire Projects Fund. When the new training facility is built, the Emergency Communications and Radio Shop departments plan to use Fire Station #3 as their facility. This will allow them to expand and hire a training coordinator for the Communications Department. This position will be in charge of quality assurance and departmental trainings. The anticipated operating cost for this position is \$77,299 for salary and benefits. *(Total operating impact starting in FY 22: \$77,299)*

Cemeteries:

Rutherford Expansion – Half Acre Inside Fencing & 10.6 Acres Outside the Fence Projects: Expanding the current cemetery may have a positive effect on revenues by allowing more people to have the option of purchasing a burial plot at Rutherford Cemetery. However, there may be operating impacts as well. These include but are not limited to, increased staffing needs, increased equipment needs, or increased fuel needs as well as other maintenance needs.

Transportation:

Upfit of Cabarrus County Facility for City Transportation Department: Upfitting this building will add another building to the City's infrastructure, but it will also require upkeep once the Transportation department has moved there. These upkeep costs will be reflected in utilities and maintenance. This building will also require supplies and furnishing to be properly used as an office site. These expenses are difficult to quantify until upfit has been completed.

Electric:

Construction of New Operations Center: The BOC has been outgrown by staffing growth in its departments. A new operations center for the Electric Department allows for it to expand with the City. With this expansion the new operations center will allow for an expansion in personnel, namely a public relations manager, an operations manager, and an administrative assistant. All three positions will fully impact the operational budget in FY 23. *(Total operating impact starting FY 23: \$176,299)*

This operations center will also come with other operating expenses that cannot be quantified prior to the design and engineering of the building. Operating impacts from this building are anticipated to be utilities, maintenance, and furnishings.

Various Projects: The Electric Department has multiple projects that will increase their infrastructure. These infrastructure improvements, such as the New Delivery #4 & 100kV Exits Down Hwy 29 – Interconnect – Phase 1 or the 100kV interconnect Between Delivery #4 and Sub E, may increase maintenance costs for the department. These improvements will also increase efficiency in service provision, which can result in an increase in revenues.

**Capital Improvement Plan Listing (CIP)
for FY 2021-2025**

<i>Fund / Budget Unit</i>	<i>Project Title</i>	<i>Funding Source(s)</i>	<i>Total Funding to Date</i>	<i>FY 2021 Budget</i>	<i>Impact on FY 2021 Operating Budget</i>	<i>FY 2022 Budget</i>	<i>Impact on FY 2022 Operating Budget</i>	<i>FY 2023 Budget</i>	<i>Impact on FY 2023 Operating Budget</i>	<i>FY 2024 Budget</i>	<i>Impact on FY 2024 Operating Budget</i>	<i>FY 2025 Budget</i>	<i>Impact on FY 2025 Operating Budget</i>	<i>Future (remainder of project)</i>	<i>Total Budget Impact</i>
Parks & Recreation Capital Projects Fund - 420															
P&R - Capital Projects 8300	Northwest/West Park Development	Bond Proceeds, Bond Proceeds for Fiber, Transfer from Capital Reserves	1,705,031	867,502		8,944,025					151,426				9,962,953
	Caldwell Park Improvements	Bond Proceeds, Bond Proceeds for Fiber, If approved to apply from Council - LWCF Grant (Land and Water Conservation Fund), Transfer from Capital Reserves		500,000		616,000		5,685,000			44,087				6,845,087
	Dorton Park Improvements	Bond Proceeds, Transfer from Capital Reserves		521,640				449,797		4,497,971					5,469,408
	WW Flowe Park Phase One Improvements & Phase Two Expansion	Transfer From General Fund related to Fiber, Transfer from General Fund				377,000		170,000		1,700,000				43,530,403	45,777,403
	Parking Lot - Mountain Bike Trail	Capital Reserve		195,000											195,000
	Gibson Village Pump Track Park	Block Grant, Capital Reserve, Grant Proceeds, Transfer from Capital Reserve for Fiber												762,800	762,800
	Parking Improvements at Logan Multi-Purpose Center	Capital Reserve	47,000	242,000											242,000
	Development of McEachern Greenway - Hospital Phase and Parking Lot	Capital Reserve	413,200	374,000				480,000		1,166,000		3,190,000		72,094	5,282,094
	Development Academy Recreation Center Complex	Capital Reserve		47,000		1,184,875			45,116		1,500,000		10,050,000	12,826,991	
	Hector Henry Greenway, Mills at Rocky River	Capital Reserve	256,625	61,460											61,460
	Hartsell Park Improvements	Capital Reserve		85,000							1,000,000		16,000	1,101,000	
	Develop Hector Henry Greenway, Cannon Crossing Phase	Capital Reserve	60,000			510,600				4,255,000			135,148	4,900,748	
Gibson Field & Village Neighborhood Park	Transfer from General Fund, Transfer from General Fund for Fiber				85,000						1,600,000			1,685,000	

**Capital Improvement Plan Listing (CIP)
for FY 2021-2025**

<i>Fund / Budget Unit</i>	<i>Project Title</i>	<i>Funding Source(s)</i>	<i>Total Funding to Date</i>	<i>FY 2021 Budget</i>	<i>Impact on FY 2021 Operating Budget</i>	<i>FY 2022 Budget</i>	<i>Impact on FY 2022 Operating Budget</i>	<i>FY 2023 Budget</i>	<i>Impact on FY 2023 Operating Budget</i>	<i>FY 2024 Budget</i>	<i>Impact on FY 2024 Operating Budget</i>	<i>FY 2025 Budget</i>	<i>Impact on FY 2025 Operating Budget</i>	<i>Future (remainder of project)</i>	<i>Total Budget Impact</i>
	Coddle Creek Tributary Outfall To Sunberry Lane	Future Project Reserves, Transfer From Sewer		798,000				2,860,000							3,658,000
	Union StreetScape - Sewer	Transfer From Sewer		234,000											234,000
	Coddle Creek Tributary Outfall Extension From US Highway 29 To Rock Hill Church Road	Transfer From Sewer						418,000		1,322,000					1,740,000
	Muddy Creek Tributary Outfall To NC Highway 24/27	Transfer From Sewer										3,512,000			3,512,000
	Sewer Lining & Manhole Maint.	System Development Fees		1,000,000											1,000,000
Wastewater Capital Projects Total - Expense				4,175,000		6,930,000		3,278,000		1,322,000		3,512,000		19,217,000	
Wastewater Capital Projects Fund - Revenue Sources & Totals															
System Development Fees				1,360,000											1,360,000
Bond Proceeds				1,783,000		6,930,000									8,713,000
Future Project Reserves				627,500											627,500
Transfer From Sewer				404,500				3,278,000		1,322,000		3,512,000			8,516,500
Wastewater Capital Projects Total - Revenue				4,175,000		6,930,000		3,278,000		1,322,000		3,512,000			19,217,000
Transportation Capital Projects Fund - 423															
Street Projects 8600	Brown Center Expansion Road	2.25c Allocation from General Fund		800,000											800,000
	Upfit of Cabarrus County Facility for City Transportation Department	2.25c Allocation from General Fund		1,167,232											1,167,232
	Infrastructure Projects - Pedestrian Improvement Sidewalks	\$5 Vehicle Fees, 2.25c Allocation from General Fund		500,000		500,000		500,000		500,000					2,000,000
	Lincoln St. Bridge Replacement	2.25c Allocation from General Fund				475,000		2,000,000							2,475,000
	US 601 at Flowes Store Road Improvements	2.25c Allocation from General Fund, CMAQ	2,361,469			1,708,404									1,708,404
	I-85 Branding Project	2.25c Allocation from General Fund	250,000	200,000											200,000
	Concord Farms Realignment	2.25c Allocation from General Fund												4,000,000	4,000,000
	Dorland Ave Realignment Phase II	2.25c Allocation from General Fund	200,000											775,000	775,000
Transportation Capital Projects Total - Expense			2,811,469	2,667,232		2,683,404		2,500,000		500,000				4,775,000	13,125,636
Transportation Capital Projects Fund - Revenue Sources & Totals															
Transfer From General Fund				2,277,232		926,682		2,110,000		110,000				4,775,000	10,198,914
Vehicle License-Additional \$5				390,000		390,000		390,000		390,000					1,560,000

**Capital Improvement Plan Listing (CIP)
for FY 2021-2025**

<i>Fund / Budget Unit</i>	<i>Project Title</i>	<i>Funding Source(s)</i>	<i>Total Funding to Date</i>	<i>FY 2021 Budget</i>	<i>Impact on FY 2021 Operating Budget</i>	<i>FY 2022 Budget</i>	<i>Impact on FY 2022 Operating Budget</i>	<i>FY 2023 Budget</i>	<i>Impact on FY 2023 Operating Budget</i>	<i>FY 2024 Budget</i>	<i>Impact on FY 2024 Operating Budget</i>	<i>FY 2025 Budget</i>	<i>Impact on FY 2025 Operating Budget</i>	<i>Future (remainder of project)</i>	<i>Total Budget Impact</i>
	NC Highway 49 24" Water Line Extension - Stough Road to General Services Drive	Bond Proceeds, Bond Proceeds (additional amount for Fiber)	900,000			6,367,250									6,367,250
	Union Cemetery Road Realignment	Transfer from Water	30,000			300,000									300,000
	US Highway 29/601 Bridge Over Irish Buffalo Creek	Transfer From Water	20,000			500,000									500,000
	George Liles Boulevard 24" Water Line Phase 4 - Roberta Road to NC Highway 49	Transfer From Water						575,000		2,875,000					3,450,000
	4 MGD Water Booster Pump Station	Transfer From Water						230,000		1,150,000					1,380,000
	US Highway 601 24" Water Line Extension - Zion Church Road to Miami Church Road	Transfer From Water						281,000		1,402,000					1,683,000
	US Highway 601 Control Vault	Transfer From Water						156,000							156,000
	US Highway 601 16" Water Line Extension - Flowes Store Road to Parks Lafferty Road	Transfer From Water								883,000		4,414,000			5,297,000
	Cross Country 16" Water Line Extension - NC Highway 49 to Rocky River Road	Transfer From Water								230,000		1,146,000			1,376,000
	Miami Church Road 12"/24" Parallel Water Line Extension - US Highway 601 to Cold Springs Road	Transfer From Water								347,000		1,731,000			2,078,000
	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
	Cold Springs Road 12" Water Line Extension - Miami Church Road to NC Highway 49	Transfer From Water										552,000		2,759,000	3,311,000
	Parks Lafferty Road/Flowes Store Road 12" Water Line Extension - US Highway 601 to NC Highway 24/27	Transfer From Water										1,356,000		6,777,000	8,133,000
Water Capital Projects Total - Expense			7,103,000	7,502,000		17,771,250		9,242,000		9,287,000		14,199,000		10,536,000	68,537,250

**Capital Improvement Plan Listing (CIP)
for FY 2021-2025**

<i>Fund / Budget Unit</i>	<i>Project Title</i>	<i>Funding Source(s)</i>	<i>Total Funding to Date</i>	<i>FY 2021 Budget</i>	<i>Impact on FY 2021 Operating Budget</i>	<i>FY 2022 Budget</i>	<i>Impact on FY 2022 Operating Budget</i>	<i>FY 2023 Budget</i>	<i>Impact on FY 2023 Operating Budget</i>	<i>FY 2024 Budget</i>	<i>Impact on FY 2024 Operating Budget</i>	<i>FY 2025 Budget</i>	<i>Impact on FY 2025 Operating Budget</i>	<i>Future (remainder of project)</i>	<i>Total Budget Impact</i>
Water Capital Projects Fund - Revenue Sources & Totals															
System Development Fees				1,374,000		954,000									2,328,000
Transfer From Water				5,438,000		1,700,000		8,242,000		8,287,000		14,199,000		10,536,000	48,402,000
Future Project Reserves				690,000				1,000,000		1,000,000					2,690,000
Bond Proceeds						15,117,250									15,117,250
Water Capital Projects Total - Revenue				7,502,000		17,771,250		9,242,000		9,287,000		14,199,000		10,536,000	68,537,250
General Capital Projects Fund - 430															
BOC Admin Projects 8800	Equipment Shed	Capital Reserve								2,400,000					2,400,000
	Operations Center Parking and BMP Improvements	Transfer from General Fund	494,648											160,000	160,000
	Fleet Services Facility	Debt Financing								780,000		11,920,000			12,700,000
	Traffic Calming on General Services Drive	Future Projects Reserves	100,000	171,460											171,460
General Projects 8804	Union StreetScape	Transfer from Capital Reserve	500,000	3,300,500											3,300,500
	Joint Communications Facility	Capital Reserve, Future Project Reserves for Joint Community Facility		125,000		4,150,000	77,299								4,352,299
	Rutherford Expansion - Half Acre Inside Fencing	Capital Reserve	125,360	28,640											28,640
	Rutherford Expansion - 10.6 Acres Outside the Fence	Capital Reserve		50,000										700,000	750,000
	West Concord Master Plan - 6.3 Acres	Transfer from General Fund	40,000			50,000								900,000	950,000
	Renovate Charlie District Police Substation	Capital Reserve						151,575	135,466						287,041
	Fiber Network Extension	Transfer from Aviation, Transfer from Electric, Transfer From General Fund, Transfer from Stormwater, Transfer from Wastewater, Transfer from Water	392,488			250,000		250,000		250,000					750,000
General Capital Projects Total - Expense			1,652,496	3,675,600		4,450,000	77,299	401,575	135,466	3,430,000		11,920,000		1,760,000	25,849,940
General Capital Projects Fund - Revenue Sources & Totals															
Transfer From General Capital Reserve				3,389,140		4,150,000		151,575		2,400,000				700,000	10,790,715
Operating Revenue							77,299		135,466						212,765
Transfer From General Fund						242,300		192,300		192,300				1,060,000	1,686,900
Financing Proceeds										780,000		11,920,000			12,700,000
Transfer From Stormwater						5,200		5,200		5,200					15,600
Transfer From Aviation						10,650		10,650		10,650					31,950
Transfer From Electric						19,500		19,500		19,500					58,500
Transfer From Sewer						7,025		7,025		7,025					21,075

**Capital Improvement Plan Listing (CIP)
for FY 2021-2025**

<i>Fund / Budget Unit</i>	<i>Project Title</i>	<i>Funding Source(s)</i>	<i>Total Funding to Date</i>	<i>FY 2021 Budget</i>	<i>Impact on FY 2021 Operating Budget</i>	<i>FY 2022 Budget</i>	<i>Impact on FY 2022 Operating Budget</i>	<i>FY 2023 Budget</i>	<i>Impact on FY 2023 Operating Budget</i>	<i>FY 2024 Budget</i>	<i>Impact on FY 2024 Operating Budget</i>	<i>FY 2025 Budget</i>	<i>Impact on FY 2025 Operating Budget</i>	<i>Future (remainder of project)</i>	<i>Total Budget Impact</i>
Transfer From Water						15,325		15,325		15,325					45,975
Future Project Reserves				286,460											286,460
General Capital Projects Total - Revenue				3,675,600		4,450,000	77,299	401,575	135,466	3,430,000		11,920,000		1,760,000	25,849,940
Airport Capital Projects Fund - 451															
Airport Projects 6300	Runway Widening	Federal Grant, Local Grant Match				6,000,000		4,000,000							10,000,000
	SDA Commercial Passenger Terminal Building Phase 2	Federal Grant, State Grant, Transfer from Aviation								7,300,000		8,000,000			15,300,000
	Commercial Passenger Terminal Parking Phase 2	Transfer from Aviation								6,000,000					6,000,000
	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
	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
	North Apron Expansion Phase 3	Federal Grant, State Grant, Transfer from Aviation				250,000		1,750,000							2,000,000
	Myint Lane Airport Apron Development	Federal Grant, State Grant, Transfer from Aviation				150,000		1,200,000							1,350,000
	North Internal Service Road	Federal Grant, State Grant, Transfer from Aviation						2,149,300							2,149,300
	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
	Ivy Cline Land Acquisition	Federal Grant, State Grant, Transfer from Aviation								3,400,000					3,400,000

**Capital Improvement Plan Listing (CIP)
for FY 2021-2025**

<i>Fund / Budget Unit</i>	<i>Project Title</i>	<i>Funding Source(s)</i>	<i>Total Funding to Date</i>	<i>FY 2021 Budget</i>	<i>Impact on FY 2021 Operating Budget</i>	<i>FY 2022 Budget</i>	<i>Impact on FY 2022 Operating Budget</i>	<i>FY 2023 Budget</i>	<i>Impact on FY 2023 Operating Budget</i>	<i>FY 2024 Budget</i>	<i>Impact on FY 2024 Operating Budget</i>	<i>FY 2025 Budget</i>	<i>Impact on FY 2025 Operating Budget</i>	<i>Future (remainder of project)</i>	<i>Total Budget Impact</i>
	Airport Helipads	Federal Grant, State Grant, Transfer from Aviation						410,000							410,000
	East Side Commercial Airline Terminal Area	Dedicated Transportation Funds, Federal Grant, Financing Proceeds, Other, State Grant, Transfer from Aviation				600,000		40,000,000							40,600,000
	New Relocated Airport Control Tower	Federal Grant, State Grant, Transfer from Aviation										3,500,000			3,500,000
Airport Capital Projects Total - Expense							12,338,676	60,952,889		21,284,700		35,304,000			129,880,265
Airport Capital Projects Fund - Revenue Sources & Totals															
		Federal Aid				8,550,000		3,600,000							12,150,000
		Transfer From Aviation				1,730,684		2,880,116		6,643,985		1,198,100			12,452,885
		Grant Proceeds				2,057,992		25,472,773		14,060,715		21,305,900			62,897,380
		Other Income										6,400,000			6,400,000
		Transfer From Capital Project								580,000		6,400,000			6,980,000
		Financing Proceeds						23,000,000							23,000,000
		Operating Revenue						6,000,000							6,000,000
Airport Capital Projects Total - Revenue						12,338,676		60,952,889		21,284,700		35,304,000			129,880,265
Electric Capital Projects Fund - 473															
Electric Projects 6949	New Delivery #4 & 100 kV Exits Down Hwy 29 - Interconnect - Phase 1	Transfer From Electric	6,479,912	5,000,000											5,000,000
	Construction of New Electric Substation N in Copperfield Blvd Location	Transfer from Electric	850,000			3,160,000									3,160,000
	100 kV Interconnect Between Delivery #4 and Sub E	Transfer from Utility Capital Reserve		1,000,000				3,658,000							4,658,000
	100 kV Tie Line-Liles Blvd to Sub O	Transfer From Electric	1,000,000			3,465,000									3,465,000
	Construction of New Electric Substation R on Poplar Tent Road	Transfer from Electric	500,000	500,000						3,010,000					3,510,000
	Construction of New Electric Substation S on US Hwy 601 S	Transfer From Electric	526,624	3,510,000											3,510,000
	Delivery #1 Replacement	Transfer From Electric, Transfer from Future Projects Reserve		400,000	300,000				2,125,000						2,425,000

**Capital Improvement Plan Listing (CIP)
for FY 2021-2025**

<i>Fund / Budget Unit</i>	<i>Project Title</i>	<i>Funding Source(s)</i>	<i>Total Funding to Date</i>	<i>FY 2021 Budget</i>	<i>Impact on FY 2021 Operating Budget</i>	<i>FY 2022 Budget</i>	<i>Impact on FY 2022 Operating Budget</i>	<i>FY 2023 Budget</i>	<i>Impact on FY 2023 Operating Budget</i>	<i>FY 2024 Budget</i>	<i>Impact on FY 2024 Operating Budget</i>	<i>FY 2025 Budget</i>	<i>Impact on FY 2025 Operating Budget</i>	<i>Future (remainder of project)</i>	<i>Total Budget Impact</i>
	Construction of New Electric Substation T near Concord Parkway South of Concord	Transfer from Utility Capital Reserve		1,000,000								3,010,000			4,010,000
	Replace Existing 750 MCM Along Bruton Smith Blvd. (Between Hwy 29 & I-85)	Transfer from Electric								3,050,000					3,050,000
	Construction of New Electric Substation U near Cabarrus Arena	Transfer from Utility Capital Reserve		1,000,000								4,545,000			5,545,000
	Construction of New Electric Substation V near Weddington Road Ext South West of Concord	Transfer from Utility Capital Reserve		1,000,000								3,545,000			4,545,000
	Substation Transformer LTC Replacements	Transfer From Electric						1,030,000							1,030,000
	Construction of New Electric Operations Center	Bond Proceeds		1,500,000		17,880,500			176,299						19,380,500
	Union StreetScape - Electric	Transfer from Electric		1,108,220											1,108,220
Electric Capital Projects Total - Expense			9,756,536	15,918,220		24,505,500		6,813,000	176,299	6,060,000		11,100,000			64,396,720
Electric Capital Projects Fund - Revenue Sources & Totals															
	Transfer From Electric			10,331,220		6,625,000		3,155,000		6,060,000					26,171,220
	Transfer from Utility Capital Reserve			4,000,000				3,658,000				11,100,000			18,758,000
	Future Project Reserves			87,000											87,000
	Operating Revenue								176,299						176,299
	Bond Proceeds			1,500,000		17,880,500									19,380,500
Electric Capital Projects Total - Revenue				15,918,220		24,505,500		6,813,000	176,299	6,060,000		11,100,000			64,573,019
Stormwater Capital Projects Fund - 474															
Stormwater Projects 7103	Duval Street Culvert Replacement	Transfer From Stormwater		1,112,000											1,112,000
	Dylan Place Culvert Replacement Upper & Lower	Transfer From Stormwater		130,000		1,422,000									1,552,000
	Union StreetScape - Stormwater	Transfer From Stormwater		436,000											436,000
	Brookwood Avenue Roadway Improvements	Transfer From Stormwater				480,000									480,000
	Kerr Street Culvert Replacement	Transfer From Stormwater				569,000		569,000							1,138,000
	Farmwood Boulevard Culvert Replacement	Transfer From Stormwater				91,000		896,000							987,000
	Bridlewood Drive Culvert Replacement	Transfer From Stormwater						103,000		1,379,000					1,482,000

**Capital Improvement Plan Listing (CIP)
for FY 2021-2025**

<i>Fund / Budget Unit</i>	<i>Project Title</i>	<i>Funding Source(s)</i>	<i>Total Funding to Date</i>	<i>FY 2021 Budget</i>	<i>Impact on FY 2021 Operating Budget</i>	<i>FY 2022 Budget</i>	<i>Impact on FY 2022 Operating Budget</i>	<i>FY 2023 Budget</i>	<i>Impact on FY 2023 Operating Budget</i>	<i>FY 2024 Budget</i>	<i>Impact on FY 2024 Operating Budget</i>	<i>FY 2025 Budget</i>	<i>Impact on FY 2025 Operating Budget</i>	<i>Future (remainder of project)</i>	<i>Total Budget Impact</i>
	Miramar Culvert Replacements - Palaside Drive & Grandview Drive	Transfer From Stormwater						113,000		1,348,000					1,461,000
	Morris Glen Drive Culvert Replacement	Transfer From Stormwater								41,000		487,000			528,000
	Yvonne Drive Culvert Replacements	Transfer From Stormwater								112,000		1,334,000			1,446,000
	Spring Street Culvert Replacement	Transfer From Stormwater										42,000		493,000	535,000
	Miramar Culvert Replacement - Miramar Drive	Transfer From Stormwater												681,000	681,000
	Glenwood Drive Culvert Replacement	Transfer from Stormwater												862,000	862,000
Stormwater Capital Projects Total - Expense				1,678,000		2,562,000		1,681,000		2,880,000		1,863,000		2,036,000	12,700,000
Stormwater Capital Projects Fund - Revenue Sources & Totals															
Transfer From Stormwater				1,678,000		2,562,000		1,681,000		2,880,000		1,863,000		2,036,000	12,700,000
Stormwater Capital Projects Total - Revenue				1,678,000		2,562,000		1,681,000		2,880,000		1,863,000		2,036,000	12,700,000
Rocky River Golf Course Projects Fund - 475															
Golf Projects 7550	Restroom Facility Construction	Capital Reserve													
	Range Netting	Capital Reserve		100,000											100,000
Rocky River Golf Course Projects Total - Expense				100,000											100,000
Rocky River Golf Course Projects Fund - Revenue Sources & Totals															
Transfer From General Capital Reserve				100,000											100,000
Rocky River Golf Course Projects Total - Revenue				100,000											100,000
CITY OF CONCORD CIP PROJECT TOTAL			78,115,806	44,744,654	1,295,630	98,815,666	1,401,934	98,362,261	900,306	68,947,379	1,636,149	96,042,502	2,534,941	194,884,421	609,565,843

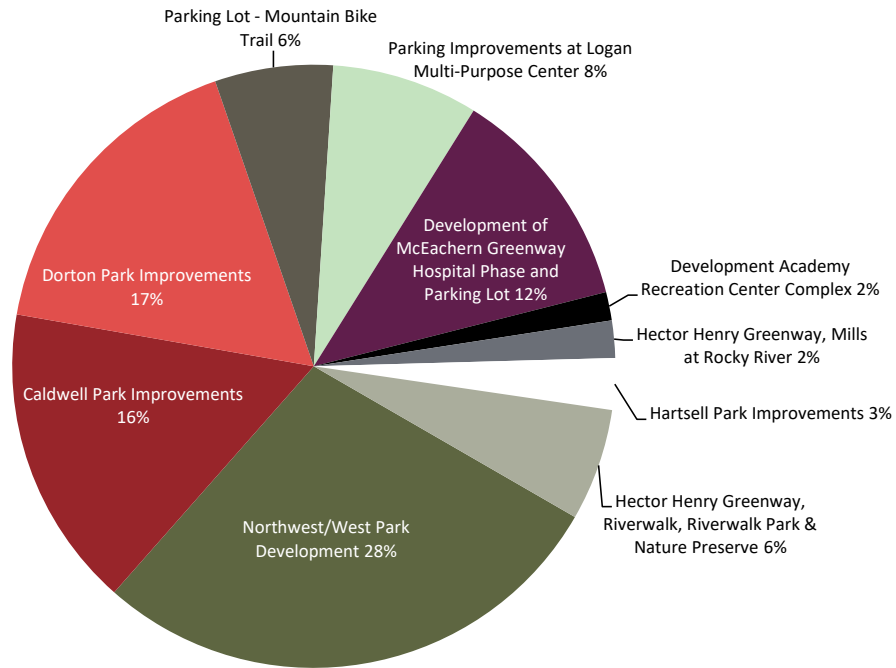
Capital Improvement Projects

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. Beginning in FY 21, the equivalent of 1¢ of the ad valorem tax rate will be dedicated to Parks & Recreation land or right-of-way (ROW) needs.

	2020-2021 Approved	2021-2022 Planning Yr.	2022-2023 Planning Yr.	2023-2024 Planning Yr.	2024-2025 Planning Yr.	Future Planning Yr.
Expenses By Project						
Northwest/West Park Development	\$ 867,502	\$ 8,944,025	\$ -	\$ 151,426	\$ -	\$ -
Caldwell Park Improvements	\$ 500,000	\$ 616,000	\$ 5,685,000	\$ 44,087	\$ -	\$ -
Dorton Park Improvements	\$ 521,640	\$ -	\$ 449,797	\$ 4,497,971	\$ -	\$ -
WW Flowe Park Phase One Improvements & Phase Two Expansion	\$ -	\$ 377,000	\$ 170,000	\$ 1,700,000	\$ -	\$ 43,530,403
Parking Lot - Mountain Bike Trail	\$ 195,000	\$ -	\$ -	\$ -	\$ -	\$ -
Gibson Village Pump Track Park	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 762,800
Parking Improvements at Logan Multi- Purpose Center	\$ 242,000	\$ -	\$ -	\$ -	\$ -	\$ -
Development of McEachern Greenway - Hospital Phase and Parking Lot	\$ 374,000	\$ -	\$ 480,000	\$ 1,166,000	\$ 3,190,000	\$ 72,094
Development Academy Recreation Center Complex	\$ 47,000	\$ 1,184,875	\$ 45,116	\$ -	\$ 1,500,000	\$ 10,050,000
Hector Henry Greenway, Mills at Rocky River	\$ 61,460	\$ -	\$ -	\$ -	\$ -	\$ -
Hartsell Park Improvements	\$ 85,000	\$ -	\$ -	\$ -	\$ 1,000,000	\$ 16,000
Develop Hector Henry Greenway, Cannon Crossing Phase	\$ -	\$ 510,600	\$ -	\$ 4,255,000	\$ 135,148	\$ -
Gibson Field & Village Neighborhood Park	\$ -	\$ 85,000	\$ -	\$ -	\$ 1,600,000	\$ -
Develop property at David Phillips Activity Center	\$ -	\$ 258,000	\$ 2,100,000	\$ -	\$ -	\$ -
Northwest/West Recreation Center & Park	\$ -	\$ -	\$ -	\$ -	\$ 3,540,502	\$ 36,076,204
Develop Coddle Creek Greenway - Phase 1 & Phase 2	\$ -	\$ 70,094	\$ 3,620,000	\$ -	\$ 4,125,000	\$ -
Irish Buffalo Creek Greenway	\$ -	\$ -	\$ -	\$ -	\$ 820,000	\$ 13,848,315
Clarke Creek Greenway Development, Cox Mill Loop	\$ -	\$ -	\$ 589,000	\$ 6,716,000	\$ 765,000	\$ 5,245,044
Hector Henry Greenway, Cox Mill Phase	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 7,344,044
Development of Recreation Center or Park, Central Area	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 33,153,278
Les Myers Park Improvements	\$ -	\$ -	\$ -	\$ 138,708	\$ -	\$ 6,310,679
Develop Hector Henry Greenway, Golf Course/Speedway Phase Development	\$ -	\$ -	\$ -	\$ -	\$ 1,414,000	\$ 4,101,500
Development of a North/Central Neighborhood Park	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 5,741,370
Lake Fisher Development & Improvements	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,670,000
Hector Henry Greenway, Riverwalk, Riverwalk Park & Nature Preserve	\$ 185,000	\$ 165,000	\$ -	\$ -	\$ 190,000	\$ 5,179,266
Total	\$ 3,078,602	\$ 12,210,594	\$ 13,138,913	\$ 18,669,192	\$ 18,279,650	\$ 173,100,997

FY 2021 Parks & Recreation Projects



Fund 420: Parks & Recreation Capital Revenues

	2020-2021 Approved	2021-2022 Planning Yr.	2022-2023 Planning Yr.	2023-2024 Planning Yr.	2024-2025 Planning Yr.	Future Planning Yr.
Revenues by Funding Source						
Bond Proceeds	\$ -	\$ 8,944,025	\$ 5,185,000	\$ 4,497,971	\$ 3,540,502	\$ 35,611,025
Grant Proceeds	\$ -	\$ -	\$ 500,000	\$ -	\$ -	\$ 10,000
Transfer From Gen Fund	\$ -	\$ 720,000	\$ 2,270,000	\$ 1,700,000	\$ 3,014,000	\$ 47,221,500
Comm Dev Block Grant	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 10,000
Operating Revenue	\$ -	\$ 70,094	\$ 45,116	\$ 195,513	\$ 135,148	\$ 2,110,678
Transfer from Capital Reserve	\$ 3,078,602	\$ 2,476,475	\$ 5,138,797	\$ 12,275,708	\$ 11,590,000	\$ 88,137,794
Total	\$ 3,078,602	\$ 12,210,594	\$ 13,138,913	\$ 18,669,192	\$ 18,279,650	\$ 173,100,997

City of Concord, North Carolina

Fiscal Year 2020-21 through 2024-25 Capital Improvement Plan

Section 1	CIP Title	Northwest/West Park Development				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 FY2020-21	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP	
			Year 2 FY2021-22	Year 3 FY2022-23	Year 4 FY2023-24	Year 5 FY2024-25		<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		
11,667,984	1,705,031	867,502	8,944,025	0	151,426	0	9,962,953		

Section 2 **Description**

This project consists of the development one 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. This park will be created through the development of property to address the outdoor athletic needs in the Northwest/West. The park should consist of two to five (2-5) rectangular fields, four (4) diamond fields, and/or eight (8) tennis courts and other athletic amenities as needed. An active park would need to be accessible from a thoroughfare, and topography would be a significant factor.

History, Status, or Impact if Delayed

The Parks & Recreation Master Plan identifies the Northwest/West area of Concord as the highest priority need. P&R will continue to search and identify land to acquire. A delay would make it difficult to assemble the acres of land needed for these facilities and prevent the City of Concord from addressing the 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 a Community Park to address the recreation needs in the Northwest/West area of Concord. The Community Park must include active components such as athletic fields and passive components such as trails and playgrounds. The development of an active park would partially address the Department's athletic, programming, and fitness/wellness needs in this area.

Section 3 **Capital Costs**

Activity	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Bring fiber to the driveway entrance from our fiber network	0	269,000	0	0	0	0	269,000
Construction Park	0	8,675,025	0	0	0	0	8,675,025
Design	867,502	0	0	0	0	0	867,502
Total Capital Cost	867,502	8,944,025	0	0	0	0	9,811,527

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

Type of Expenditure	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
B&G Equipment	0	0	0	40,500	0	0	40,500
B&G Staff (1 crew member)	0	0	0	35,087	0	0	35,087
B&G Staff (1 Crew Supervisor Staff)	0	0	0	40,839	0	0	40,839
F250 crew truck	0	0	0	35,000	0	0	35,000
Total	0	0	0	151,426	0	0	151,426

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

Funding Source(s)	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Bond Proceeds	0	8,675,025	0	0	0	0	8,675,025
Bond Proceeds for Fiber	0	269,000	0	0	0	0	269,000
Transfer from Capital Reserves	867,502	0	0	0	0	0	867,502
Operating Revenue	0	0	0	151,426	0	0	151,426
Total	867,502	8,944,025	0	151,426	0	0	9,962,953

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

B&G will be impacted by the need for additional personnel.



City of Concord, North Carolina

Fiscal Year 2020-21 through 2024-25 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	2
Total CIP Cost	Total Appropriations to date	Budget Year 1 FY2020-21	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP
			Year 2 FY2021-22	Year 3 FY2022-23	Year 4 FY2023-24	Year 5 FY2024-25		<input type="checkbox"/> New <input type="checkbox"/> Replacement <input type="checkbox"/> Land/ROW Acq. Required <input checked="" type="checkbox"/> Expansion <input type="checkbox"/> Renovation
6,845,087	0	500,000	616,000	5,685,000	44,087	0	6,845,087	

Section 2 Description

This project consists of re-master planning and re-developing Caldwell Park. The plan will provide recommendations for possible renovation, improvements and additional amenities, which may include a splash pad. The project also includes a multi-use path along Irish Buffalo Creek, a part of the Carolina Thread Trail. Including connection to Melrose Drive and Rutherford Street SW (.60 miles). A cost of 1.7 million per mile identified in the Open Space Connectivity Analysis is included in the construction.

History, Status, or Impact if Delayed

This is consistent with Department Goals to operate safe facilities and maintain existing facilities that may be dated. The connectivity for the park to area neighborhoods via sidewalks and multi-use path would be delayed.

Justification or Link to City Goals

The Comprehensive Parks and Recreation Master Plan identified the need to re-master plan existing parks, including Caldwell Park to address amenities, safety, and accessibility. We also want to explore opportunities for programming in athletics and cultural arts for the park and community. Council strategic goal to support connectivity of City parks, neighborhoods, and community center through the enhancement of greenways, sidewalks, and multi-use paths.

Section 3 Capital Costs

Activity	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Construction	500,000	0	5,660,000	0	0	0	6,160,000
Design	0	616,000	0	0	0	0	616,000
Fiber for new path plus connection from there to existing fiber at the Pharr Building.	0	0	25,000	0	0	0	25,000
Land Acquisition	0	0	0	0	0	0	0
Total Capital Cost	500,000	616,000	5,685,000	0	0	0	6,801,000

Section 4 New or Additional Impact on Operating Budget

Type of Expenditure	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
1 B&G Staff	0	0	0	35,087	0	0	35,087
Equipment	0	0	0	9,000	0	0	9,000
Total	0	0	0	44,087	0	0	44,087

Section 5 Method(s) of Financing

Funding Source(s)	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Bond Proceeds	0	0	5,160,000	0	0	0	5,160,000
Bond Proceeds for Fiber	0	0	25,000	0	0	0	25,000
If approved to apply from Council - LWCF Grant (Land and Water Conservation Fund)	0	0	500,000	0	0	0	500,000
Transfer from Capital Reserves	500,000	616,000	0	0	0	0	1,116,000
Operating Revenue	0	0	0	44,087	0	0	44,087
Total	500,000	616,000	5,685,000	44,087	0	0	6,845,087

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

B&G



City of Concord, North Carolina

Fiscal Year 2020-21 through 2024-25 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	3		
Total CIP Cost	Total Appropriations to date	Budget Year 1 FY2020-21	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP	
			Year 2 FY2021-22	Year 3 FY2022-23	Year 4 FY2023-24	Year 5 FY2024-25		<input type="checkbox"/> New	<input type="checkbox"/> Expansion
			<input type="checkbox"/> Replacement	<input checked="" type="checkbox"/> Renovation					
			<input type="checkbox"/> Land/ROW Acq. Required						
5,469,408	0	521,640	0	449,797	4,497,971	0	5,469,408		

Section 2 **Description**

This project consists of re-developing Dorton Park according to a new Master Plan. Recommendations include a parking lot expansion, new playground, and improvements to existing trails including connection to the YMCA connector, under Poplar Tent, and connection to Kannapolis as part of the Coddle Creek Greenway. (1.08 miles within Dorton Park.) Also, provide additional space for B&G equipment to service Hector Henry Greenway, Moss Creek, Dorton Park, George Liles Greenway, Weddington Road Bark Park, and Hector Henry Greenway, Riverwalk.

History, Status, or Impact if Delayed

The daily average attendance for Dorton Park from July 1, 2019 until October 15, 2019 was 172.5. A lack of parking and the current layout hinder programming, trailhead greenway parking, and shelter reservations.

Justification or Link to City Goals

This project aligns with the Master Plan, Land Use Plan Goal 11, Council Strategic Plan for Recreation, and Culture and Open Space Connectivity Analysis as part of the Coddle Creek Greenway. 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 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Design	0	0	449,797	0	0	0	449,797
Greenway Connection Dorton Park to YMCA	521,640	0	0	0	0	0	521,640
Improvements to existing park	0	0	0	4,497,971	0	0	4,497,971
Total Capital Cost	521,640	0	449,797	4,497,971	0	0	5,469,408

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

Type of Expenditure	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Total							

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

Funding Source(s)	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Bond Proceeds	0	0	0	4,497,971	0	0	4,497,971
Transfer from Capital Reserves	521,640	0	449,797	0	0	0	971,437
Total	521,640	0	449,797	4,497,971	0	0	5,469,408

Section 6 **Section 7**

Maps / Charts / Tables / Pictures

Comments for Other Depts.

City of Concord, North Carolina

Fiscal Year 2020-21 through 2024-25 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	4		
Total CIP Cost	Total Appropriations to date	Budget Year 1 FY2020-21	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP	
			Year 2 FY2021-22	Year 3 FY2022-23	Year 4 FY2023-24	Year 5 FY2024-25		<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		
45,777,403	0	0	377,000	170,000	1,700,000	0	45,777,403		

Section 2 **Description**

This project includes improvements to existing WW Flowe and the development of Phase Two. 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 One
This project consists of re-master planning and re-developing WW Flowe Park. The master plan will provide recommendations for possible renovation, additional parking, facilities improvements, and additional amenities, which may include a splash pad. Renovations may include the replacement of aged playground equipment and ADA compliant facilities. This project will also provide connectivity to neighborhoods along Central Heights and a connection to Central Cabarrus High School. The project includes new leasing agreement, design, and construction of park, multi-use paths, and sidewalks.

Phase Two
In Phase II, P&R will 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 a splash pad and a recreation center. The recreation center was identified in the Master Plan for Southeast/South (South of Hwy 29 and west of Hwy 601) in the City of Concord. The findings from a Recreation Center Study will be used to determine the needs, size, space, and amenities.

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. This project would also include the replacement of the existing aged playgrounds based on inspections from Playground Guardian. One playground unit has already been removed for safety concerns. If delayed, additional units may need to be removed before replacement. 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

Master Plan, Land Use Plan, Open Space Connectivity Analysis, and Council Goal
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 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. 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. Playground Guardian inspections have shown the need to replace the existing aged playground.

Section 3 **Capital Costs**

Activity	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Connect center building at ball field complex to fiber route alongside new NC-49 route alongside new NC-49 waterline using Duke poles and underground.	0	52,000	0	0	0	0	52,000
Construction Phase One	0	225,000	0	1,700,000	0	170,000	2,095,000
Construction Phase Two	0	0	0	0	0	39,500,000	39,500,000
Design	0	100,000	170,000	0	0	3,450,000	3,720,000
Total Capital Cost	0	377,000	170,000	1,700,000	0	43,120,000	45,367,000

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

Type of Expenditure	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
B&G Staff (2 Crew Members)	0	0	0	0	0	86,370	86,370
Equipment	0	0	0	0	0	20,000	20,000
F-250 Truck	0	0	0	0	0	35,000	35,000
P&R Staff	0	0	0	0	0	269,033	269,033
Total	0	0	0	0	0	410,403	410,403

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

Funding Source(s)	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
-------------------	------------	------------	------------	------------	------------	-------------	-------

City of Concord, North Carolina

Fiscal Year 2020-21 through 2024-25 Capital Improvement Plan

Transfer from Gen Fund related to Fiber	0	52,000	0	0	0	0	52,000
Transfer from General Fund	0	325,000	170,000	1,700,000	0	43,120,000	45,315,000
Operating Revenue	0	0	0	0	0	410,403	410,403
Total	0	377,000	170,000	1,700,000	0	43,530,403	45,777,403

Section 6

Maps / Charts / Tables / Pictures

Section 7

Comments for Other Depts.

B&G



SITE DEVELOPMENT DATA
 0021192-2018-00000 - Use District: Residential (LDR)
 PROPOSED ZONING CHANGE: Off-Street Individual (O) Based on 2008 Land Use Plan changes.
 PARCEL: 141008020000000000 - 84231 AC
 PARCELING COUNTY: -4-415

Note: Conceptual site plan subject to change. Conceptual site plan does not constitute a final plan. All dimensions and locations are approximate and subject to change without notice. Based on information provided by the applicant. The City of Concord is not responsible for the accuracy or completeness of the information provided by the applicant. The City of Concord is not responsible for the accuracy or completeness of the information provided by the applicant. The City of Concord is not responsible for the accuracy or completeness of the information provided by the applicant.

City of Concord, North Carolina

Fiscal Year 2020-21 through 2024-25 Capital Improvement Plan

Section 1	CIP Title	Parking Lot - Mountain Bike Trail				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 FY2020-21	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP	
			Year 2 FY2021-22	Year 3 FY2022-23	Year 4 FY2023-24	Year 5 FY2024-25		<input checked="" type="checkbox"/> New	<input type="checkbox"/> Expansion
			<input type="checkbox"/> Replacement	<input type="checkbox"/> Renovation					
			<input type="checkbox"/> Land/ROW Acq. Required						
195,000	0	195,000	0	0	0	0	195,000		

Section 2 **Description**

This project is to develop and construct a gravel parking at the city-owned mountain bike trails located between 2nd St and Brown St. The lot will be located off of 2nd Street or Brown Street. An RRFB "Rectangle Rapid Flashing Beacon" crossing will be added at Cabarrus Ave to provide alternate parking behind Fire Station #3 if needed.

History, Status, or Impact if Delayed

In order to expand programming and avoid on-street parking or other safety concerns, the City must have adequate parking.

Justification or Link to City Goals

This project is supported in the Parks and Recreation Comprehensive Master Plan in the 1-5 year action steps. These steps require the City to "work collaboratively with existing organizations (Trailblazers) in the development of expanded programs." Currently, there are no public mountain bike trails within the city limits of Concord.

Section 3 **Capital Costs**

Activity	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Construction of Parking Lot	195,000	0	0	0	0	0	195,000
Total Capital Cost	195,000	0	0	0	0	0	195,000

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

Type of Expenditure	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Total							

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

Funding Source(s)	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Capital Reserve	195,000	0	0	0	0	0	195,000
Total	195,000	0	0	0	0	0	195,000

Section 6 **Section 7** **Comments for Other Depts.**

Maps / Charts / Tables / Pictures

City of Concord, North Carolina

Fiscal Year 2020-21 through 2024-25 Capital Improvement Plan

Section 1	CIP Title	Gibson Village Pump Track Park					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 FY2020-21	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP		
			Year 2 FY2021-22	Year 3 FY2022-23	Year 4 FY2023-24	Year 5 FY2024-25		<input checked="" type="checkbox"/> New	<input type="checkbox"/> Expansion	<input type="checkbox"/> Replacement
762,800	0	0	0	0	0	0	762,800			

Section 2 **Description**

Develop an active park with playground, restrooms, a parking lot & pump track. This project includes the creation of a new "Gibson Village Park" concept, which will include existing park facilities and City-owned properties surrounding Clearwater Artist Studio. The project will explore cost estimates, park amenities, and connectivity for the community.

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 re-develop the properties using the master plan recommendations and identify connectivity opportunities and new programming for athletics/cultural arts. Opportunity to develop existing City property at 208 Kerr Street NW (parcel with store), 200 Kerr Street NW (parcel beside store), 195 Kerr Street NW (final parcel on Kerr, section that has triggered HUD flag), and 241 (GIS) or 239 (Legal) Allison Street NW (rear where parking is proposed). The plan would be to develop a smaller pump track on this property including parking and restrooms. The City may add an additional large pump track on City-owned property at Kerr St. SW and Cedar Dr. NW and develop a park in a future year.

History, Status, or Impact if Delayed

Gibson Village residents have a proud history including Webb field and the Tobacco League that played at Gibson Field. Providing new amenities and adding connectivity will help revitalize an older neighborhood near the Downtown area. In October of 2015, the City completed a tax foreclosure and gained ownership of four parcels commonly known by the address of 208 Kerr Street NW. At the time of acquisition, a problematic abandoned small convenience store was located within the building.

Neighborhood concern, along with the property becoming blighted were the catalyst for the City to proceed with the foreclosure process. Since acquiring, numerous individuals have contacted the City requesting to purchase the building with the intent of placing a similar store back in the location. The neighborhood voiced concerns based on the previous activity that accompanied the alcohol sales by the former business. In an effort to address local food needs within Gibson Village, the City tried to create a food market, but was unsuccessful in securing a partnership to maintain daily needs of a store. Staff has also worked with Cabarrus Health Alliance and USDA Healthy Food Initiative to attempt a Farmer's Market within the space. The limitations of the USDA funds prevented this from being a feasible option.

Currently, one parcel, 195 Kerr Street SW, has been identified by HUD as a parcel of interest. The home that was located on this spot was demolished due to the structural issues, using HUD funding. When that action occurred, a time limit was placed on the property to ensure an end use that would benefit either a low-to-moderate household or a use that would benefit the low-to-moderate community at large. The proposed Pump Track would be an acceptable use for the location, with respect to HUD, as it would be not only be a usable community space for Gibson Village, but could be a catalyst to encourage other growth within the neighborhood.

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 maintain existing dated facilities.

Additionally, the OSCA (Open Space Connectivity Analysis) addresses connectivity within the City of Concord and meets a Council goal for recreation and culture with this project. It 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 a proposed second Downtown loop. The proposed first ever City of Concord Pump Track would be an acceptable use for the location, with respect to HUD, as it would be not only be a usable community space for Gibson Village, but could be a catalyst to encourage other growth within the neighborhood.

Section 3 **Capital Costs**

Activity	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Construction Pump Track/Restrooms	0	0	0	0	0	684,800	684,800
Design/Master Plan	0	0	0	0	0	58,000	58,000
Run Fiber Connection	0	0	0	0	0	20,000	20,000
Total Capital Cost	0	0	0	0	0	762,800	762,800

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

Type of Expenditure	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Total							

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

Funding Source(s)	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Block Grant	0	0	0	0	0	10,000	10,000
Capital Reserve	0	0	0	0	0	722,800	722,800
Grant Proceeds	0	0	0	0	0	10,000	10,000

City of Concord, North Carolina

Fiscal Year 2020-21 through 2024-25 Capital Improvement Plan

Transfer from Capital Reserve for Fiber	0	0	0	0	0	20,000	20,000
Total	0	0	0	0	0	762,800	762,800

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



PROPOSED PUMPTRACK PARK SITE PLAN

City of Concord, North Carolina

Fiscal Year 2020-21 through 2024-25 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	7		
Total CIP Cost	Total Appropriations to date	Budget Year 1 FY2020-21	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP
			Year 2 FY2021-22	Year 3 FY2022-23	Year 4 FY2023-24	Year 5 FY2024-25		<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
289,000	47,000	242,000	0	0	0	0	242,000	

Section 2 **Description**

This project is to develop parking at the city-owned lot across from 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, 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 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Construction to expand existing	242,000	0	0	0	0	0	242,000
Total Capital Cost	242,000	0	0	0	0	0	242,000

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

Type of Expenditure	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
---------------------	------------	------------	------------	------------	------------	-------------	-------

Total

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

Funding Source(s)	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Capital Reserve	242,000	0	0	0	0	0	242,000
Total	242,000	0	0	0	0	0	242,000

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



City of Concord, North Carolina

Fiscal Year 2020-21 through 2024-25 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	8		
Total CIP Cost	Total Appropriations to date	Budget Year 1 FY2020-21	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP	
			Year 2 FY2021-22	Year 3 FY2022-23	Year 4 FY2023-24	Year 5 FY2024-25		<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		
5,695,294	413,200	374,000	0	480,000	1,166,000	3,190,000	5,282,094		

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 on Hatley Circle.

Part Two, Parking Lot/Restroom Facility (also in FY 20):
 This Phase consists of land acquisition and construction of trailhead 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 2.0 mile 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. The amount budgeted for construction represents \$1.6 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 trailhead 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 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Construction Greenway/Wilson Street Park	12,000	0	0	1,166,000	3,190,000	0	4,368,000
Construction Parking Lot/Restroom Facilities	362,000	0	0	0	0	0	362,000
Design	0	0	480,000	0	0	0	480,000
Total Capital Cost	374,000	0	480,000	1,166,000	3,190,000	0	5,210,000

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

Type of Expenditure	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
B&G Staff 1 Grounds Staff	0	0	0	0	0	34,094	34,094
Equipment	0	0	0	0	0	10,000	10,000
F250 Crew Truck	0	0	0	0	0	28,000	28,000
Total	0	0	0	0	0	72,094	72,094

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

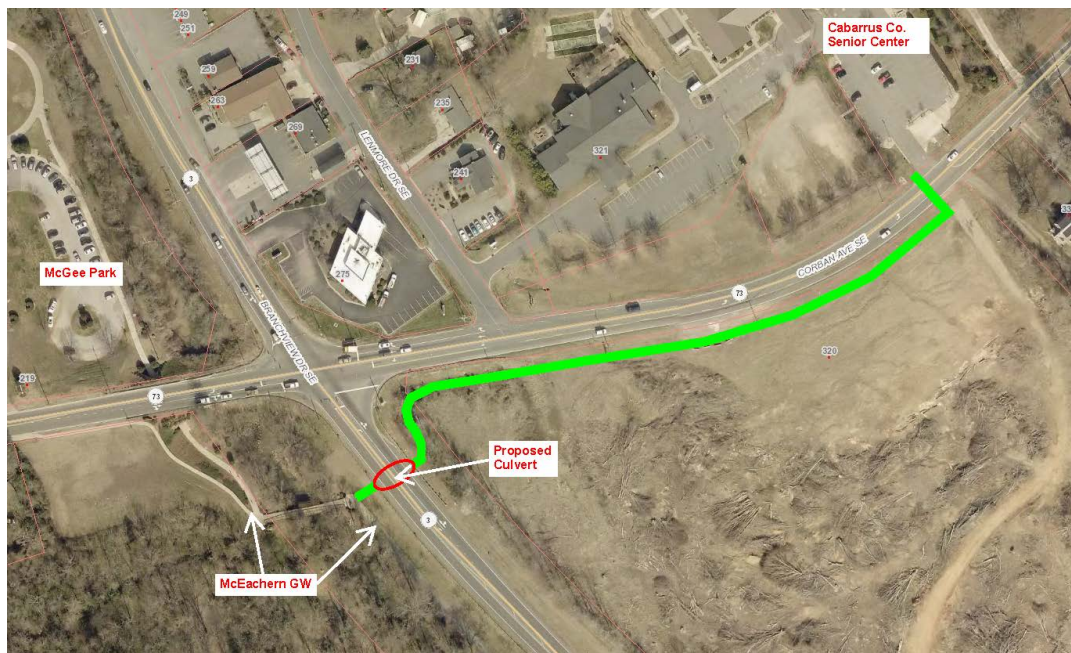
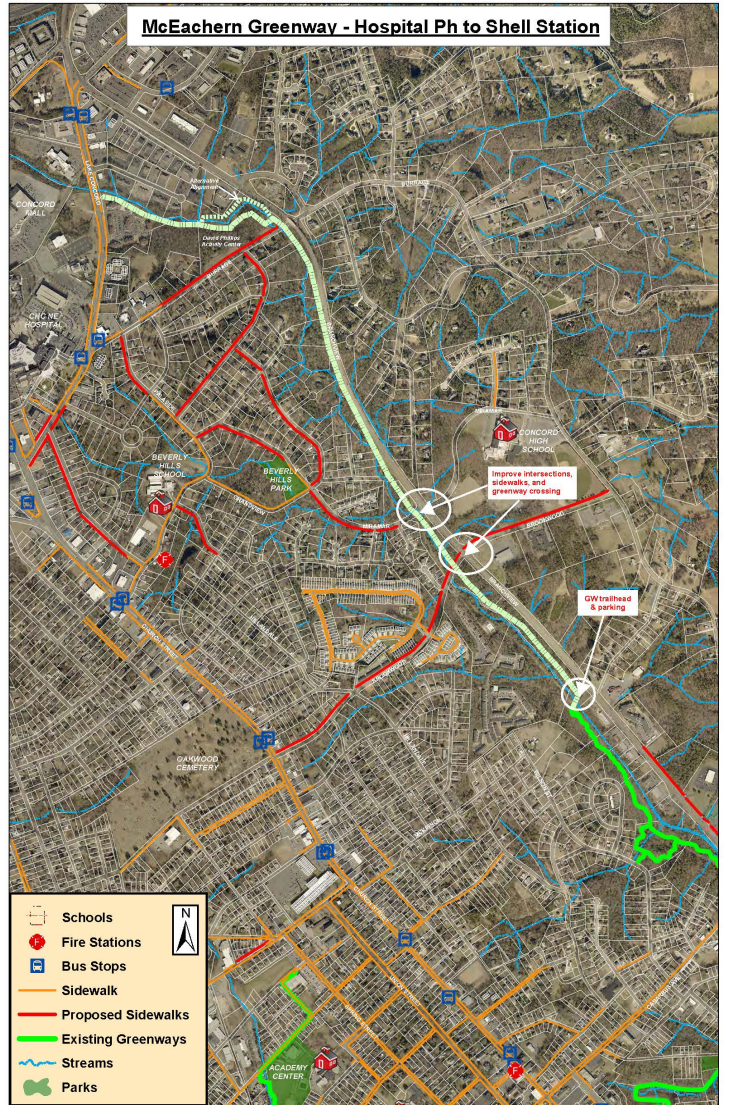
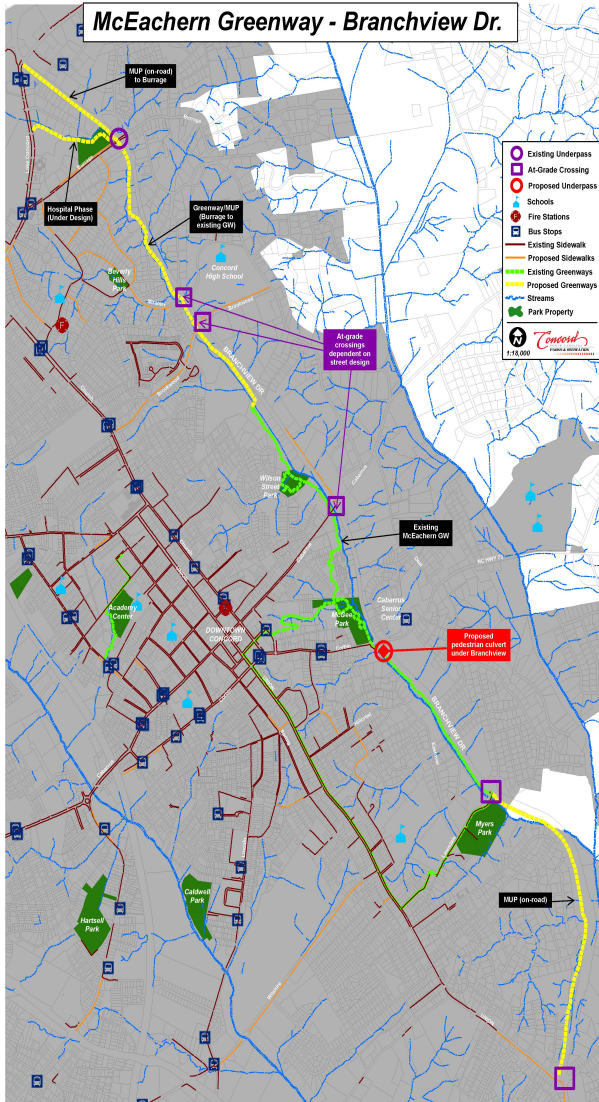
Funding Source(s)	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Capital Reserve	374,000	0	480,000	1,166,000	3,190,000	0	5,210,000
Operating Revenue from B&G	0	0	0	0	0	72,094	72,094
Total	374,000	0	480,000	1,166,000	3,190,000	72,094	5,282,094

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

This CIP Includes Operating Impacts for Cannon Crossing, Hector Henry, Airport Phase, Irish Buffalo Creek Greenway, and Mills at Rocky River.

City of Concord, North Carolina

Fiscal Year 2020-21 through 2024-25 Capital Improvement Plan



City of Concord, North Carolina

Fiscal Year 2020-21 through 2024-25 Capital Improvement Plan

Section 1	CIP Title	Development Academy Recreation Center Complex					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 FY2020-21	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP
			Year 2 FY2021-22	Year 3 FY2022-23	Year 4 FY2023-24	Year 5 FY2024-25		<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
12,826,991	0	47,000	1,184,875	45,116	0	1,500,000	12,826,991	

Section 2 **Description**

This project includes a re-master plan for the Academy Recreation Center Complex, including existing park facilities, the Academy Recreation Center, McInnis Aquatic Center, Historic Webb Field, and McAllister Field. The plan will explore alternatives, cost estimates, park amenities, and connectivity. 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 plan's recommendations, identify connectivity, and new programming opportunities.

The Master Plan for Academy Recreation Center Complex will provide assessment of existing aged facilities. This would include the excavation of the existing multi-purpose Webb Field by adding turf to expand usage without limiting play. The renovation evaluation of Academy Recreation Center will also look at connectivity opportunities between existing City facilities in the Gibson Village Neighborhood and neighborhood passive/active park amenities.

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. Webb Field is a historic ball field.

Some of the facilities have deteriorated over the years and several of the buildings 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

The revitalization of the existing facility will create connectivity with 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. Additionally, the OSCA (Open Space Connectivity Analysis) addresses connectivity within the City of Concord, and a Council goal for recreation and culture for this project. It will address the bicycle and pedestrian needs in the Gibson Village Community as well as connectivity with recreation facilities to the community, retail, greenways, and Clearwater Artist Studio.

Adding turf to the existing Webb field will provide player safety, reduced maintenance, add longevity, and provide the ability to add programming opportunities. Currently, the Cabarrus County school system is investing in turf to attract and increase usage while reducing maintenance. As a funding source we plan on exploring opportunities with CVB and Cabarrus County for retrofitting Webb field to attract additional use. Currently, the school system estimates the cost savings to be \$20,000 on each field annually.

Section 3 **Capital Costs**

Activity	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Construction Existing Building	0	0	0	0	1,500,000	2,000,000	3,500,000
Construction Park Playground	0	0	0	0	0	150,000	150,000
Design/Master & Structural Plan	47,000	0	0	0	0	900,000	947,000
Recreation Center Construction	0	0	0	0	0	7,000,000	7,000,000
Turf Surface - Webb Field w/ irrigation	0	1,184,875	0	0	0	0	1,184,875
Total Capital Cost	47,000	1,184,875	0	0	1,500,000	10,050,000	12,781,875

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

Type of Expenditure	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
B&G Staff (1)	0	0	35,116	0	0	0	35,116
Equipment	0	0	10,000	0	0	0	10,000
Total	0	0	45,116	0	0	0	45,116

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

Funding Source(s)	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Capital Reserve	47,000	1,184,875	0	0	1,500,000	10,050,000	12,781,875
Operating Revenue	0	0	45,116	0	0	0	45,116
Total	47,000	1,184,875	45,116	0	1,500,000	10,050,000	12,826,991

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



City of Concord, North Carolina

Fiscal Year 2020-21 through 2024-25 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	10		
Total CIP Cost	Total Appropriations to date	Budget Year 1 FY2020-21	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP	
			Year 2 FY2021-22	Year 3 FY2022-23	Year 4 FY2023-24	Year 5 FY2024-25		<input type="checkbox"/> New	<input checked="" type="checkbox"/> Expansion
			<input type="checkbox"/> Replacement	<input type="checkbox"/> Renovation			<input type="checkbox"/> Land/ROW Acq. Required		
318,085	256,625	61,460	0	0	0	0	61,460		

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 Drake Mill Lane to the greenway trail.

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 this prone to flooding trail 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 Goals, 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 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
2nd Neighborhood entrance off Drake Mill 900 linear feet @ \$12	10,800	0	0	0	0	0	10,800
5 foot Sidewalk Path along Rocky River Road 480 linear feet @ \$92	44,160	0	0	0	0	0	44,160
Soft landscaping at neighborhood entrances 50 @ \$65 @ 2 entrances	6,500	0	0	0	0	0	6,500
Total Capital Cost	61,460	0	0	0	0	0	61,460

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

Type of Expenditure	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Total							

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

Funding Source(s)	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Capital Reserve	61,460	0	0	0	0	0	61,460
Total	61,460	0	0	0	0	0	61,460

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 2020-21 through 2024-25 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	11		
Total CIP Cost	Total Appropriations to date	Budget Year 1 FY2020-21	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP	
			Year 2 FY2021-22	Year 3 FY2022-23	Year 4 FY2023-24	Year 5 FY2024-25		<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		
1,101,000	0	85,000	0	0	0	1,000,000	1,101,000		

Section 2 **Description**

This project re-develops Hartsell Park in the Silver Hill Community and will address the connectivity and accessibility between Hartsell Park and the Hartsell Recreation Center. We plan to re-develop Hartsell Park according to the recommendations of a master plan.
 First phase - provide connectivity from Hartsell Park to ballfields/recreation center and master plan. (.24 miles)
 Second phase - re-develop based on master plan.

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 Hartsell Park to address safety, accessibility, and amenities.

Section 3 **Capital Costs**

Activity	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Construction	60,000	0	0	0	1,000,000	0	1,060,000
Design	25,000	0	0	0	0	0	25,000
Land Acquisition	0	0	0	0	0	0	0
Total Capital Cost	85,000	0	0	0	1,000,000	0	1,085,000

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

Type of Expenditure	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
B&G 1 Staff Seasonal to PT	0	0	0	0	0	16,000	16,000
Total	0	0	0	0	0	16,000	16,000

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

Funding Source(s)	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Capital Reserve	85,000	0	0	0	1,000,000	0	1,085,000
Operating Revenue	0	0	0	0	0	16,000	16,000
Total	85,000	0	0	0	1,000,000	16,000	1,101,000

Section 6 **Section 7**

Maps / Charts / Tables / Pictures

Comments for Other Depts.

City of Concord, North Carolina

Fiscal Year 2020-21 through 2024-25 Capital Improvement Plan

Section 1	CIP Title	Hector Henry Greenway, Riverwalk, Riverwalk Park & Nature Preserve				Budget Unit #	8311		
Budget Unit	Hector H. Henry II Greenway	Functional Area	Parks & Recreation			Priority Rank	12		
Total CIP Cost	Total Appropriations to date	Budget Year 1 FY2020-21	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP	
			Year 2 FY2021-22	Year 3 FY2022-23	Year 4 FY2023-24	Year 5 FY2024-25		<input checked="" type="checkbox"/> New	<input type="checkbox"/> Expansion
							<input type="checkbox"/> Replacement	<input type="checkbox"/> Renovation	
							<input type="checkbox"/> Land/ROW Acq. Required		
8,373,773	2,654,507	185,000	165,000	0	0	190,000	5,719,266		

Section 2 **Description**

The project addresses bicycle, pedestrian, and greenway needs that were identified in the Parks & Recreation Master Plan along the Rocky River and part of the Riverwalk phase and Weddington Road phase.

Phase One

Add stairs connecting shelter to cul-de-sac behind Fire Station #11. Trail connection to Weddington Road sidewalk beside Fire Station #11.

Phase Two

This project also 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 as part of the Hector H Henry II Greenway, Riverwalk Phase (\$600,000) (3) It connects existing greenway to the future multi-use path on Bruton Smith Blvd. along Gateway Lane (.5 miles), extending the greenway and providing connectivity to area restaurants, hotels and points of interest.

Phase Three

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

This project would involve trail easement acquisition, design, and greenway construction. The Comprehensive Parks and Recreation Master Plan also identifies the need to expand environmental activities in Concord.

Justification or Link to City Goals

The Parks & Recreation Master Plan identifies Hector H Henry II Greenway as a priority need in the development of the pedestrian/bicycle trail system. 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 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Construction	185,000	165,000	0	0	0	4,750,000	5,100,000
Design	0	0	0	0	190,000	275,000	465,000
Total Capital Cost	185,000	165,000	0	0	190,000	5,025,000	5,565,000

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

Type of Expenditure	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	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 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Capital Reserve	185,000	165,000	0	0	190,000	5,025,000	5,565,000
Operating Revenue	0	0	0	0	0	154,266	154,266
Total	185,000	165,000	0	0	190,000	5,179,266	5,719,266

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



City of Concord, North Carolina

Fiscal Year 2020-21 through 2024-25 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	13	
Total CIP Cost	Total Appropriations to date	Budget Year 1 FY2020-21	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP
			Year 2 FY2021-22	Year 3 FY2022-23	Year 4 FY2023-24	Year 5 FY2024-25		
4,960,748	60,000	0	510,600	0	4,255,000	135,148	4,900,748	

<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 a cost of \$60,000 for trailhead parking.

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 1.64 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 and Connectivity Analysis identifies the Hector Henry Greenway as a priority need in the development of the pedestrian/bicycle trail system. Construction cost estimates identified in the Open Space Connectivity Analysis for Hector Henry Greenway is 2.6 million per mile.

Section 3 Capital Costs

Activity	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Construct HHH Greenway, Cannon Crossing Phase	0	0	0	4,255,000	0	0	4,255,000
Design	0	510,600	0	0	0	0	510,600
Total Capital Cost	0	510,600	0	4,255,000	0	0	4,765,600

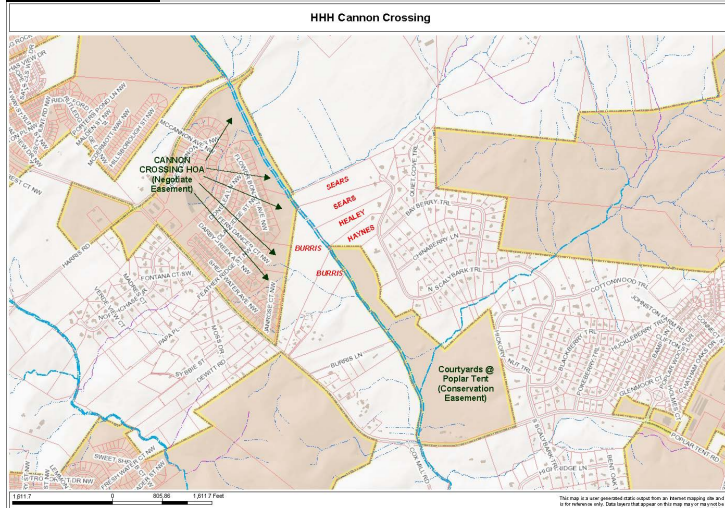
Section 4 New or Additional Impact on Operating Budget

Type of Expenditure	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
B&G Staff (1 Crew Supervisor)	0	0	0	0	44,624	0	44,624
Equipment	0	0	0	0	55,524	0	55,524
F-350 Crew Truck	0	0	0	0	35,000	0	35,000
Total	0	0	0	0	135,148	0	135,148

Section 5 Method(s) of Financing

Funding Source(s)	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Capital Reserve	0	510,600	0	4,255,000	0	0	4,765,600
Operating Revenue	0	0	0	0	135,148	0	135,148
Total	0	510,600	0	4,255,000	135,148	0	4,900,748

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



City of Concord, North Carolina

Fiscal Year 2020-21 through 2024-25 Capital Improvement Plan

Section 1	CIP Title	Gibson Field & Village Neighborhood Park				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 FY2020-21	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP	
			Year 2 FY2021-22	Year 3 FY2022-23	Year 4 FY2023-24	Year 5 FY2024-25		<input type="checkbox"/> New	<input type="checkbox"/> Expansion
							<input type="checkbox"/> Replacement	<input checked="" type="checkbox"/> Renovation	
							<input type="checkbox"/> Land/ROW Acq. Required		
1,685,000	0	0	85,000	0	0	1,600,000	1,685,000		

Section 2 **Description**

This project includes the creation of a new "Gibson Field & Village Park" concept. The new master plan for Gibson Field will include existing park facilities and city-owned properties. The plan will explore alternatives and cost estimates for park amenities with a major focus on connectivity within the neighborhood. Connectivity plans will include Academy Recreation Center, McInnis Aquatic Center, Historic Webb Field, McAllister Field, Gibson Field, Village Greenway, and the properties surrounding Clearwater Artist Studio.

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 re-develop the above properties using the master plan recommendations; identify connectivity opportunities; and develop new programming for athletics and cultural arts.

History, Status, or Impact if Delayed

Some of the facilities have deteriorated over the years and several of the buildings should be removed and replaced. There is an opportunity to preserve the proud history of the Gibson Ball Field. Residents who lived in Gibson Village during the "glory days" of the Tobacco League may be able to contribute to archiving the history of the place. Outreach to the senior residents of Gibson Village would be one way to start that process.

Justification or Link to City Goals

We plan to enhance the revitalization of the Gibson Village Neighborhood by renovating the existing building at Gibson Field and 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. Additionally, the OSCA (Open Space Connectivity Analysis) addresses connectivity within the Concord, which meets a Council goal for recreation and culture.

Section 3 **Capital Costs**

Activity	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Fiber Connection	0	0	0	0	100,000	0	100,000
Playground	0	85,000	0	0	0	0	85,000
Renovation of existing buildings	0	0	0	0	1,500,000	0	1,500,000
Total Capital Cost	0	85,000	0	0	1,600,000	0	1,685,000

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

Type of Expenditure	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Total							

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

Funding Source(s)	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Transfer from General Fund	0	85,000	0	0	1,500,000	0	1,585,000
Transfer from General Fund for Fiber	0	0	0	0	100,000	0	100,000
Total	0	85,000	0	0	1,600,000	0	1,685,000

Section 6 **Section 7**

Maps / Charts / Tables / Pictures

Comments for Other Depts.



City of Concord, North Carolina

Fiscal Year 2020-21 through 2024-25 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	15		
Total CIP Cost	Total Appropriations to date	Budget Year 1 FY2020-21	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP	
			Year 2 FY2021-22	Year 3 FY2022-23	Year 4 FY2023-24	Year 5 FY2024-25		<input type="checkbox"/> New	<input type="checkbox"/> Expansion
							<input type="checkbox"/> Replacement	<input checked="" type="checkbox"/> Renovation	
							<input type="checkbox"/> Land/ROW Acq. Required		
2,358,000	0	0	258,000	2,100,000	0	0	2,358,000		

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 an outdoor classroom with the Open Air Learning Center.

Justification or Link to City Goals

In FY 19, the David Phillips Activity Center property master planning was 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 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Construction	0	0	2,100,000	0	0	0	2,100,000
Design	0	258,000	0	0	0	0	258,000
Total Capital Cost	0	258,000	2,100,000	0	0	0	2,358,000

Section 4 New or Additional Impact on Operating Budget

Type of Expenditure	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Total							

Section 5 Method(s) of Financing

Funding Source(s)	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Transfer from General Fund	0	258,000	2,100,000	0	0	0	2,358,000
Total	0	258,000	2,100,000	0	0	0	2,358,000

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



City of Concord, North Carolina
Fiscal Year 2020-21 through 2024-25 Capital Improvement Plan



City of Concord, North Carolina

Fiscal Year 2020-21 through 2024-25 Capital Improvement Plan

Section 1	CIP Title	Northwest/West Recreation Center & Park				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 FY2020-21	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP	
			Year 2 FY2021-22	Year 3 FY2022-23	Year 4 FY2023-24	Year 5 FY2024-25		<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		
39,616,706	0	0	0	0	0	3,540,502	39,616,706		

Section 2 **Description**

This project consists of the development of a recreation center and a park in the Northwest/West to serve the recreation needs of the City. The Comprehensive Parks and Recreation Master Plan identifies the need for a facility in the Northwest/West. The proposed park surrounding the recreation center would range from 30 to 50 acres in size.

The development of the recreation center in the Northwest/West area of the City of Concord will address needs identified in the Comprehensive Parks & Recreation Master Plan. The findings from a proposed Recreation Center Analysis will be used to determine the needs, size, space and amenities.

This park may include other amenities, such as a dog park, playgrounds, splash pad, shelters, and/or disc golf. The site may also provide greenway trailhead parking or athletic fields, 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. P&R will continue to search and identify land to acquire (either 1 property of 60-100 acres or two 30-50 acre properties). A delay would make it difficult to assemble the acres of land needed for these facilities and 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 Plans and the Land Use Plan.

The Comprehensive Parks & Recreation Master Plan identifies the need to acquire land and develop a 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.

Section 3 **Capital Costs**

Activity	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Construction of Recreation Center and Park	0	0	0	0	0	35,405,025	35,405,025
Design	0	0	0	0	3,540,502	0	3,540,502
Fiber Connection	0	0	0	0	0	206,000	206,000
Total Capital Cost	0	0	0	0	3,540,502	35,611,025	39,151,527

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

Type of Expenditure	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
B&G Staff	0	0	0	0	0	71,146	71,146
F250 Crew Truck	0	0	0	0	0	35,000	35,000
Office Equipment	0	0	0	0	0	90,000	90,000
P&R Recreation Center Staff	0	0	0	0	0	269,033	269,033
Total	0	0	0	0	0	465,179	465,179

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

Funding Source(s)	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Bond Proceeds	0	0	0	0	3,540,502	35,405,025	38,945,527
Bond Proceeds for Fiber	0	0	0	0	0	206,000	206,000
Operating Revenue	0	0	0	0	0	465,179	465,179
Total	0	0	0	0	3,540,502	36,076,204	39,616,706

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

A Building & Grounds storage/maintenance building would need to be considered when designing this site.



City of Concord, North Carolina

Fiscal Year 2020-21 through 2024-25 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	17
Total CIP Cost	Total Appropriations to date	Budget Year 1 FY2020-21	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP
			Year 2 FY2021-22	Year 3 FY2022-23	Year 4 FY2023-24	Year 5 FY2024-25		<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
8,494,894	679,800	0	70,094	3,620,000	0	4,125,000	7,815,094	

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 providing connectivity to Afton Village, the YMCA, and Kannapolis. It also includes a paved greenway downstream under Poplar Tent Road (1.52 miles) and a connection with Poplar Crossing which includes a pedestrian bridge for access across to Poplar Crossing (0.30 miles). This phase includes construction of 2.2 Miles @ 1.5 million per mile as identified in the Open Space Connectivity Analysis.

Phase Two

This phase extends the trail to Weddington Road and provides multi-use paths along Weddington Road to George Liles Pkwy. (1.09 miles) and sidewalks along George Liles Pkwy North (0.56 miles). A multi-use path on the south side of Weddington will eventually tie the Coddle Creek Greenway to the new West Cabarrus H.S. and the George Liles Parkway Greenway. This phase includes acquisition and construction. Total of 1.65 Miles @ 2.5 million per mile as identified in the Open Space Connectivity Analysis.

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-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 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 1.65 miles @ \$60,000 per mile.

Section 3 **Capital Costs**

Activity	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Construction Phase I	0	0	3,620,000	0	0	0	3,620,000
Construction Phase II	0	0	0	0	4,125,000	0	4,125,000
Design	0	0	0	0	0	0	0
Land Acquisition	0	0	0	0	0	0	0
Total Capital Cost	0	0	3,620,000	0	4,125,000	0	7,745,000

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

Type of Expenditure	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
B&G 1 staff / Dorton Park coverage	0	34,094	0	0	0	0	34,094
Equipment for greenway	0	8,000	0	0	0	0	8,000
F250 4 wheel drive ext. cab	0	28,000	0	0	0	0	28,000
Total	0	70,094	0	0	0	0	70,094

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

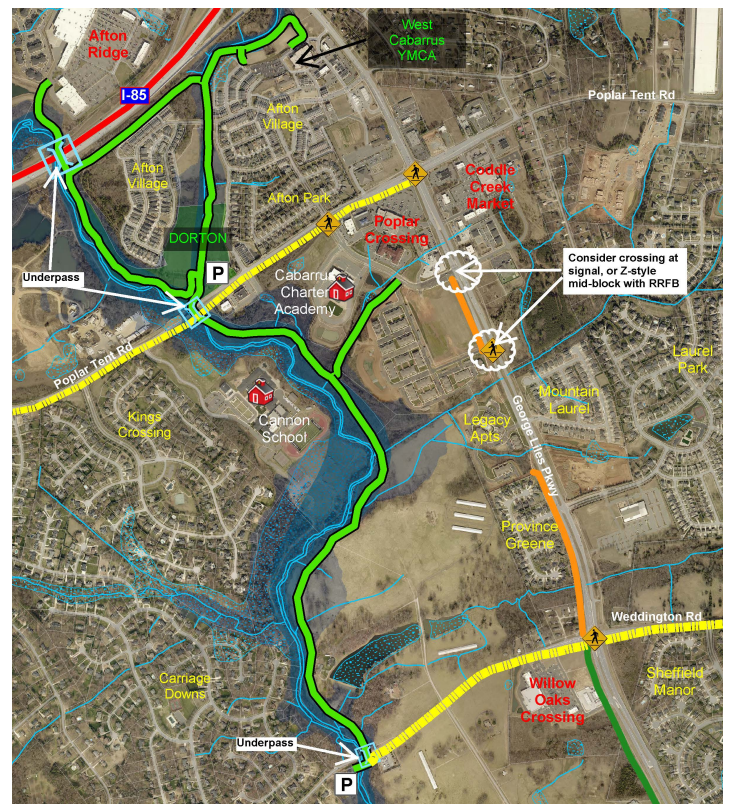
Funding Source(s)	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Capital Reserve	0	0	3,620,000	0	4,125,000	0	7,745,000
Operating Revenue from B&G	0	70,094	0	0	0	0	70,094
Total	0	70,094	3,620,000	0	4,125,000	0	7,815,094

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

Coddle Creek Phase I & II Operating Impact B&G



City of Concord, North Carolina
Fiscal Year 2020-21 through 2024-25 Capital Improvement Plan



City of Concord, North Carolina

Fiscal Year 2020-21 through 2024-25 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	18		
Total CIP Cost	Total Appropriations to date	Budget Year 1 FY2020-21	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP	
			Year 2 FY2021-22	Year 3 FY2022-23	Year 4 FY2023-24	Year 5 FY2024-25		<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		
14,668,315	0	0	0	0	0	820,000	14,668,315		

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. Phase One: Rutherford Street to Wilshire Ave. (0.56 miles); Phase Two: McGill Ave. (Stricker Branch) to Cabarrus Ave. (1.3 miles); Phase Three: Cabarrus Ave. to Melrose Drive (0.6 miles); Phase Four: Vietnam Veteran's Park to Hwy 29 Concord Parkway (2.25 Miles).

History, Status, or Impact if Delayed

The development of these phases is contingent upon land acquisition. 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, 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 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Construction Phase Four	0	0	0	0	0	6,336,000	6,336,000
Construction Phase One & Two	0	0	0	0	0	3,795,715	3,795,715
Construction Phase Three	0	0	0	0	0	2,763,000	2,763,000
Design	0	0	0	0	820,000	953,600	1,773,600
Total Capital Cost	0	0	0	0	820,000	13,848,315	14,668,315

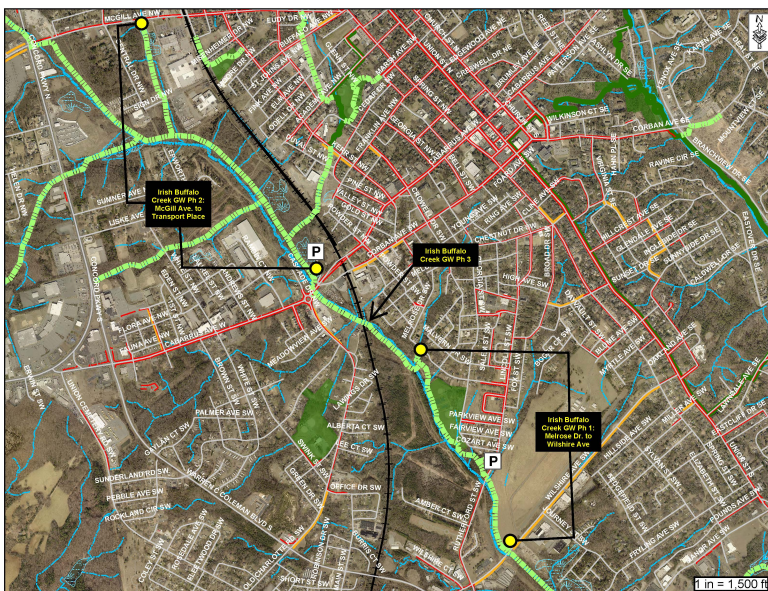
Section 4 New or Additional Impact on Operating Budget

Type of Expenditure	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
---------------------	------------	------------	------------	------------	------------	-------------	-------

Section 5 Method(s) of Financing

Funding Source(s)	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Capital Reserve	0	0	0	0	820,000	13,848,315	14,668,315
Total	0	0	0	0	820,000	13,848,315	14,668,315

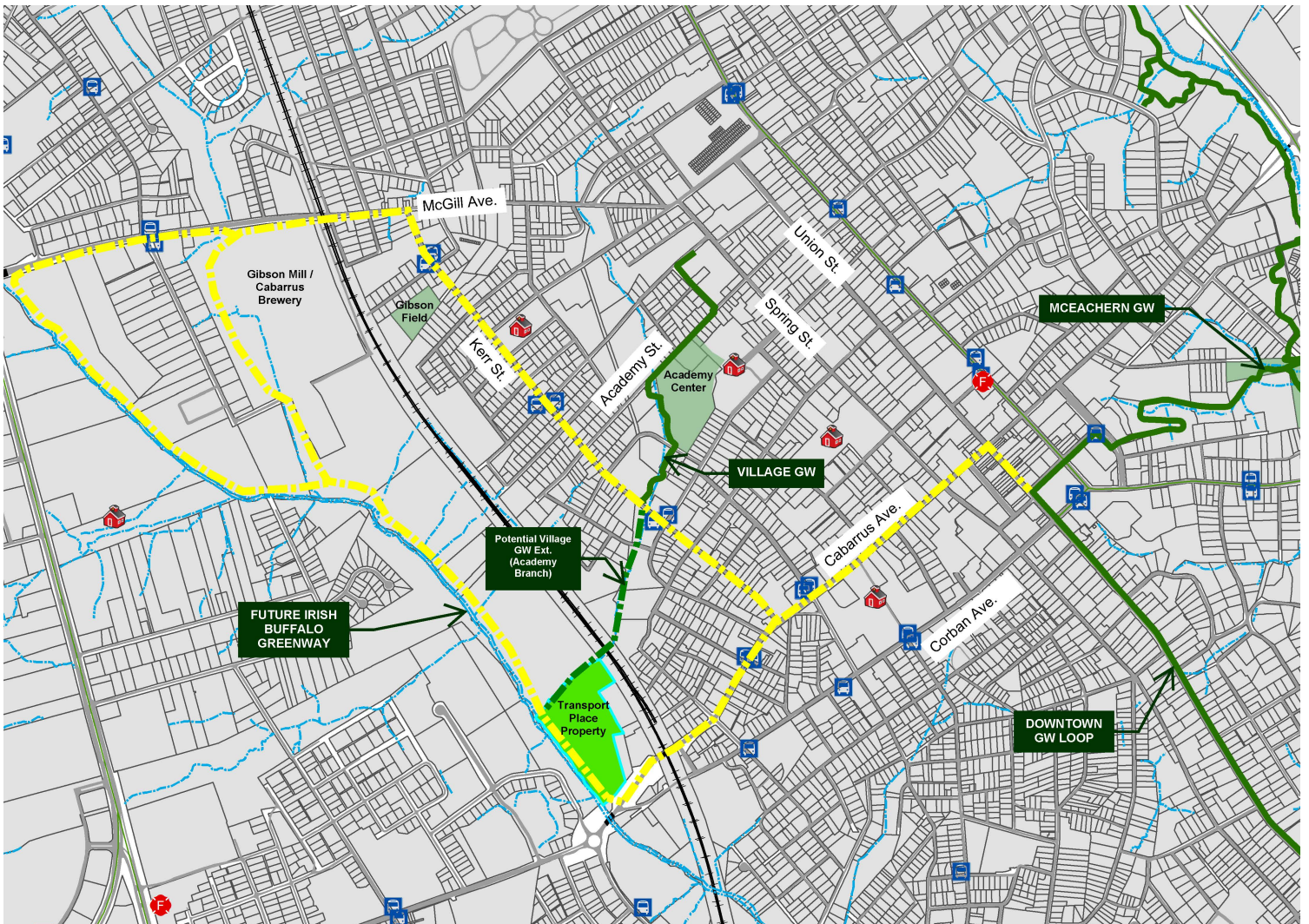
Section 6 Maps / Charts / Tables / Pictures **Section 7** Comments for Other Depts.



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



City of Concord, North Carolina
Fiscal Year 2020-21 through 2024-25 Capital Improvement Plan



City of Concord, North Carolina

Fiscal Year 2020-21 through 2024-25 Capital Improvement Plan

Section 1	CIP Title	Clarke Creek Greenway Development, Cox Mill Loop					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 FY2020-21	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP
			Year 2 FY2021-22	Year 3 FY2022-23	Year 4 FY2023-24	Year 5 FY2024-25		
13,315,044	0	0	0	589,000	6,716,000	765,000	13,315,044	

<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

Phase 1: Clarke Creek Parkway to Rocky River/Clarke Creek Confluence (1.81 miles)

Phase 2: Harris Road from Winding Walk to Highland Creek (2.04 miles)

Phase 3: Nature Trail/Boardwalk on the east side- including connections to Granary Oaks, Allen Mills, and the Soil & Water Conservation Property (1.05 miles)

Total Greenway miles: 4.9 miles

History, Status, or Impact if Delayed

Justification or Link to City Goals

Continue greenway development to address bicycle and pedestrian needs as identified in the Comprehensive Parks & Recreation Master Plan and the Open Space Connectivity Analysis. This project creates connectivity to Cox Mill Elementary School from several area neighborhoods. There are approximately 4,777 households within walking distance. Land Use Plan (LUP) Goal 2 is addressed through enhanced mobility for all modes of transportation between the places where people live, work, shop, and play. LUP Goal 10 is addressed by encouraging and promoting multi-modal connectivity between residential, employment, commercial, and recreational uses. This project will construct part of the Cox Mill Loop.

Section 3 Capital Costs

Activity	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Construction	0	0	0	6,716,000	0	5,146,000	11,862,000
Design	0	0	589,000	0	765,000	0	1,354,000
Total Capital Cost	0	0	589,000	6,716,000	765,000	5,146,000	13,216,000

Section 4 New or Additional Impact on Operating Budget

Type of Expenditure	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
B&G Staff	0	0	0	0	0	79,044	79,044
Equipment	0	0	0	0	0	20,000	20,000
Total	0	0	0	0	0	99,044	99,044

Section 5 Method(s) of Financing

Funding Source(s)	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Capital Reserve	0	0	589,000	6,716,000	765,000	5,146,000	13,216,000
Operating Revenue	0	0	0	0	0	99,044	99,044
Total	0	0	589,000	6,716,000	765,000	5,245,044	13,315,044

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



City of Concord, North Carolina

Fiscal Year 2020-21 through 2024-25 Capital Improvement Plan

Section 1	CIP Title	Hector Henry Greenway, Cox Mill Phase				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 FY2020-21	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP	
			Year 2 FY2021-22	Year 3 FY2022-23	Year 4 FY2023-24	Year 5 FY2024-25		<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		
7,344,044	0	0	0	0	0	0	7,344,044		

Section 2 **Description**

This project develops a greenway loop on the west side of the City of Concord. The greenway travels along Rocky River, providing connectivity between neighborhoods, Cox Mill High School, businesses along Derita Road, and the Airport Phase of Hector Henry Greenway.

Cox Mill Phase 1:

Cox Mill High School to Derita.

Includes connections to Edenton @ Cox Mill, Clarke Creek Greenway (Christenbury), and West Winds Business Park (1.35 miles). For this project, we will need to acquire land along Rocky River from Cox Mill High School down to the confluence with Clarke Creek. We will begin the design in FY 22 and construction in FY 24. 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. 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 within a half-mile (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 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Construction	0	0	0	0	0	6,300,000	6,300,000
Design	0	0	0	0	0	945,000	945,000
Total Capital Cost	0	0	0	0	0	7,245,000	7,245,000

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

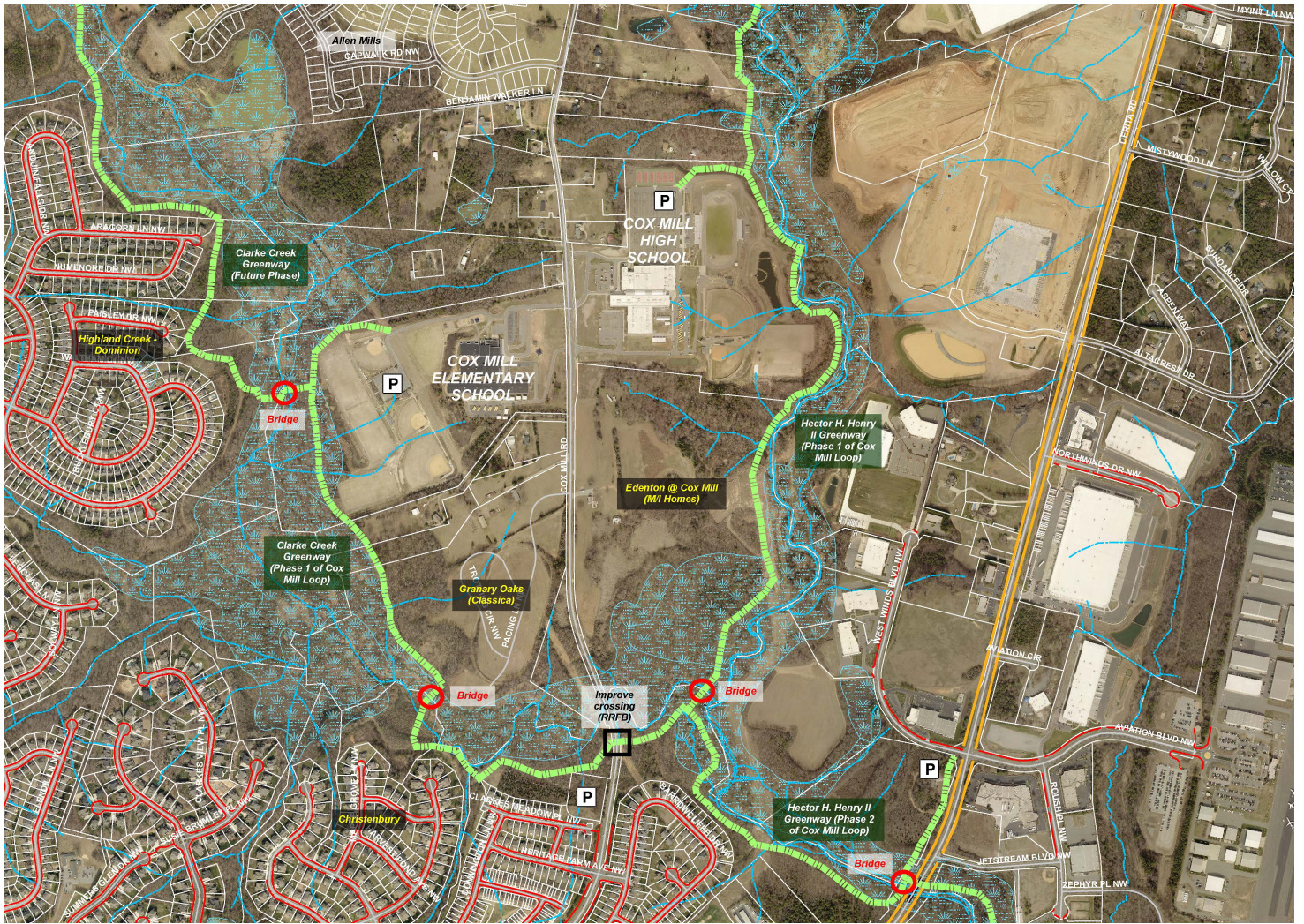
Type of Expenditure	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
B&G Staff (2 Crew Members)	0	0	0	0	0	79,044	79,044
Equipment	0	0	0	0	0	20,000	20,000
Total	0	0	0	0	0	99,044	99,044

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

Funding Source(s)	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Capital Reserve	0	0	0	0	0	7,245,000	7,245,000
Operating Revenue	0	0	0	0	0	99,044	99,044
Total	0	0	0	0	0	7,344,044	7,344,044

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

City of Concord, North Carolina
Fiscal Year 2020-21 through 2024-25 Capital Improvement Plan



City of Concord, North Carolina

Fiscal Year 2020-21 through 2024-25 Capital Improvement Plan

Section 1	CIP Title	Development of Recreation Center or Park, 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 FY2020-21	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP
			Year 2 FY2021-22	Year 3 FY2022-23	Year 4 FY2023-24	Year 5 FY2024-25		
33,153,278	0	0	0	0	0	0	33,153,278	

<input 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 or park in the geographic center of the City of Concord (near Weddington Road, George Liles Parkway, and Pitts School Rd.) to address needs identified in the Comprehensive Parks & Recreation Master Plan. This project includes land acquisition, construction, and design. The findings of a Recreation Center Analysis 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 programming space and a separate splash pad as a priority need. A recreation center could serve local schools and provide 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 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Design	0	0	0	0	0	3,500,000	3,500,000
Expand or New Construction	0	0	0	0	0	29,000,000	29,000,000
Total Capital Cost	0	0	0	0	0	32,500,000	32,500,000

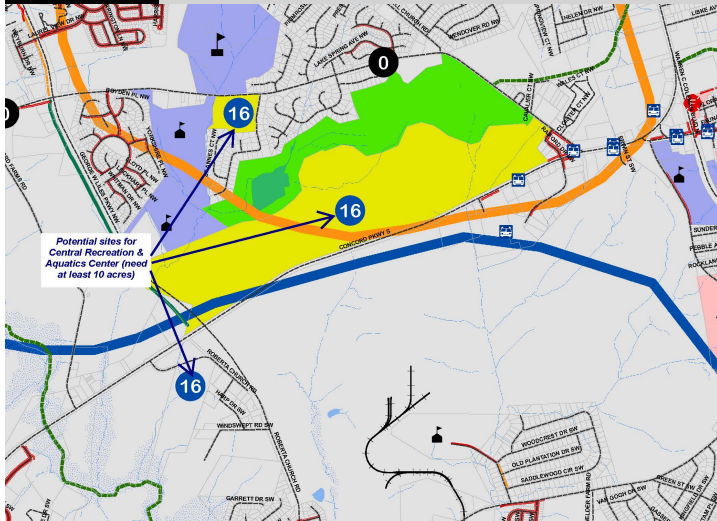
Section 4 New or Additional Impact on Operating Budget

Type of Expenditure	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
B&G Staff	0	0	0	0	0	81,678	81,678
Equipment	0	0	0	0	0	21,000	21,000
P&R Staff	0	0	0	0	0	450,600	450,600
Run Fiber from existing network to park	0	0	0	0	0	100,000	100,000
Total	0	0	0	0	0	653,278	653,278

Section 5 Method(s) of Financing

Funding Source(s)	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Capital Reserve	0	0	0	0	0	32,500,000	32,500,000
Operating Revenue	0	0	0	0	0	653,278	653,278
Total	0	0	0	0	0	33,153,278	33,153,278

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



City of Concord, North Carolina

Fiscal Year 2020-21 through 2024-25 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	22		
Total CIP Cost	Total Appropriations to date	Budget Year 1 FY2020-21	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP	
			Year 2 FY2021-22	Year 3 FY2022-23	Year 4 FY2023-24	Year 5 FY2024-25		<input type="checkbox"/> New	<input type="checkbox"/> Expansion
							<input type="checkbox"/> Replacement	<input checked="" type="checkbox"/> Renovation	
							<input type="checkbox"/> Land/ROW Acq. Required		
6,449,387	0	0	0	0	138,708	0	6,449,387		

Section 2 Description

This project consists of re-developing Les Myers Park according to the Master Plan which will be completed in FY 22 and in compliance with the findings of the landfill mitigation study. The 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 and is the location for trailhead parking for the McEachern Greenway. Currently, the 8 court tennis complex is used by the local schools for tennis matches and our tennis program. Our Summer Playground camp program uses the community building during the summer and this park is the location for our "Dogs Day Out" special event. The community building, shelters, and athletic field are used by the community for reservations. 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 trailhead parking.

Section 3 Capital Costs

Activity	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Construction existing/new	0	0	0	0	0	5,863,079	5,863,079
Design	0	0	0	138,708	0	447,600	586,308
Total Capital Cost	0	0	0	138,708	0	6,310,679	6,449,387

Section 4 New or Additional Impact on Operating Budget

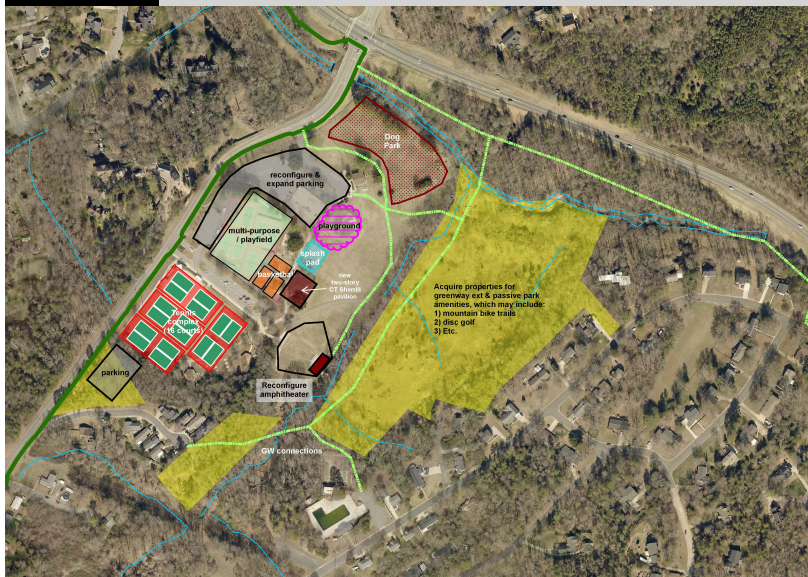
Type of Expenditure	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
---------------------	------------	------------	------------	------------	------------	-------------	-------

Total

Section 5 Method(s) of Financing

Funding Source(s)	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Capital Reserve	0	0	0	138,708	0	6,310,679	6,449,387
Total	0	0	0	138,708	0	6,310,679	6,449,387

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 2020-21 through 2024-25 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	23	
Total CIP Cost	Total Appropriations to date	Budget Year 1 FY2020-21	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP
			Year 2 FY2021-22	Year 3 FY2022-23	Year 4 FY2023-24	Year 5 FY2024-25		
5,515,500	0	0	0	0	0	1,414,000	5,515,500	

<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 project is 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 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Construction	0	0	0	0	0	4,101,500	4,101,500
Design	0	0	0	0	1,414,000	0	1,414,000
Total Capital Cost	0	0	0	0	1,414,000	4,101,500	5,515,500

Section 4 New or Additional Impact on Operating Budget

Type of Expenditure	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Total							

Section 5 Method(s) of Financing

Funding Source(s)	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Transfer from General Fund	0	0	0	0	1,414,000	4,101,500	5,515,500
Total	0	0	0	0	1,414,000	4,101,500	5,515,500

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



City of Concord, North Carolina

Fiscal Year 2020-21 through 2024-25 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	24		
Total CIP Cost	Total Appropriations to date	Budget Year 1 FY2020-21	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP	
			Year 2 FY2021-22	Year 3 FY2022-23	Year 4 FY2023-24	Year 5 FY2024-25		<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		
5,741,370	0	0	0	0	0	0	5,741,370		

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 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Connecting fiber to new neighborhood park	0	0	0	0	0	100,000	100,000
Construction	0	0	0	0	0	5,000,000	5,000,000
Design	0	0	0	0	0	500,000	500,000
Total Capital Cost	0	0	0	0	0	5,600,000	5,600,000

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

Type of Expenditure	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
B&G Staff (2 Crew Members)	0	0	0	0	0	86,370	86,370
Equipment	0	0	0	0	0	20,000	20,000
F150 Truck	0	0	0	0	0	35,000	35,000
Total	0	0	0	0	0	141,370	141,370

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

Funding Source(s)	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Capital Reserve	0	0	0	0	0	5,500,000	5,500,000
Transfer from Capital reserve for Fiber	0	0	0	0	0	100,000	100,000
Operating Revenue	0	0	0	0	0	141,370	141,370
Total	0	0	0	0	0	5,741,370	5,741,370

Section 6 **Section 7**

Maps / Charts / Tables / Pictures

Comments for Other Depts.

City of Concord, North Carolina
Fiscal Year 2020-21 through 2024-25 Capital Improvement Plan



City of Concord, North Carolina

Fiscal Year 2020-21 through 2024-25 Capital Improvement Plan

Section 1	CIP Title	Lake Fisher Development & 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 FY2020-21	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP	
			Year 2 FY2021-22	Year 3 FY2022-23	Year 4 FY2023-24	Year 5 FY2024-25		<input type="checkbox"/> New	<input type="checkbox"/> Expansion
			<input type="checkbox"/> Replacement	<input checked="" type="checkbox"/> Renovation					
			<input type="checkbox"/> Land/ROW Acq. Required						
1,670,000	0	0	0	0	0	0	1,670,000		

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 in this project may included a new dock, kayaks, 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 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Construction	0	0	0	0	0	1,550,000	1,550,000
Design	0	0	0	0	0	120,000	120,000
Total Capital Cost	0	0	0	0	0	1,670,000	1,670,000

Section 4 New or Additional Impact on Operating Budget

Type of Expenditure	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Total							

Section 5 Method(s) of Financing

Funding Source(s)	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Capital Reserve	0	0	0	0	0	1,670,000	1,670,000
Total	0	0	0	0	0	1,670,000	1,670,000

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



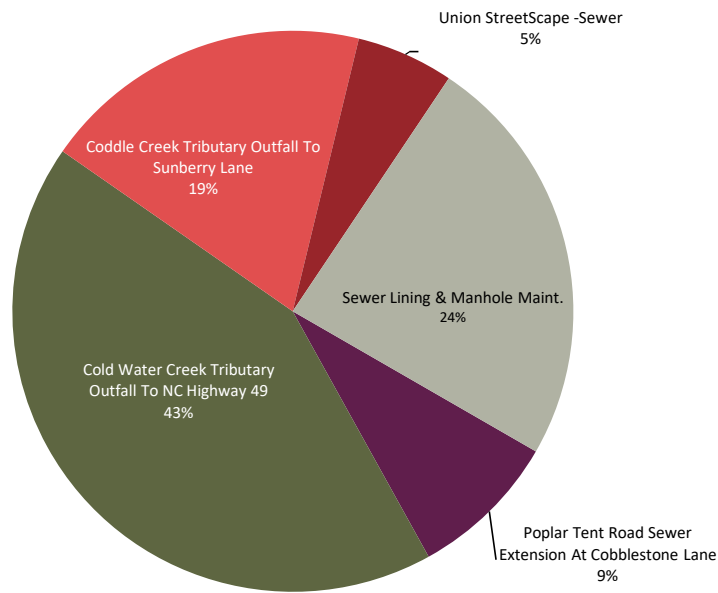
Section 7 Comments for Other Depts.

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.

	2020-2021 Approved	2021-2022 Planning Yr.	2022-2023 Planning Yr.	2023-2024 Planning Yr.	2024-2025 Planning Yr.	Future Planning Yr.
Expenses By Project						
Poplar Tent Road Sewer Extension At Cobblestone Lane	\$ 360,000	\$ -	\$ -	\$ -	\$ -	\$ -
Cold Water Creek Tributary Outfall To NC Highway 49	\$ 1,783,000	\$ 6,930,000	\$ -	\$ -	\$ -	\$ -
Coddle Creek Tributary Outfall To Sunberry Lane	\$ 798,000	\$ -	\$ 2,860,000	\$ -	\$ -	\$ -
Union StreetScape - Sewer	\$ 234,000	\$ -	\$ -	\$ -	\$ -	\$ -
Coddle Creek Tributary Outfall Extension From US Highway 29 To Rock Hill Church Road	\$ -	\$ -	\$ 418,000	\$ 1,322,000	\$ -	\$ -
Muddy Creek Tributary Outfall To NC Highway 24/27	\$ -	\$ -	\$ -	\$ -	\$ 3,512,000.00	\$ -
Sewer Lining & Manhole Maint.	\$ 1,000,000	\$ -	\$ -	\$ -	\$ -	\$ -
Total	\$ 4,175,000	\$ 6,930,000	\$ 3,278,000	\$ 1,322,000	\$ 3,512,000	\$ -

FY 2021 Wastewater Projects



	2020-2021 Approved	2021-2022 Planning Yr.	2022-2023 Planning Yr.	2023-2024 Planning Yr.	2024-2025 Planning Yr.	Future Planning Yr.
Revenues by Funding Source						
System Development Fees	\$ 1,360,000	\$ -	\$ -	\$ -	\$ -	\$ -
Bond Proceeds	\$ 1,783,000	\$ 6,930,000	\$ -	\$ -	\$ -	\$ -
Future Projects Reserves	\$ 627,500	\$ -	\$ -	\$ -	\$ -	\$ -
Transfer from Sewer	\$ 404,500	\$ -	\$ 3,278,000	\$ 1,322,000	\$ 3,512,000	\$ -
Total	\$ 4,175,000	\$ 6,930,000	\$ 3,278,000	\$ 1,322,000	\$ 3,512,000	\$ -

City of Concord, North Carolina

Fiscal Year 2020-21 through 2024-25 Capital Improvement Plan

Section 1	CIP Title	Poplar Tent Road Sewer Extension At Cobblestone Lane				Budget Unit #	8402	
Budget Unit	Wastewater Projects	Functional Area	Wastewater			Priority Rank	1	
Total CIP Cost	Total Appropriations to date	Budget Year 1 FY2020-21	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP
			Year 2 FY2021-22	Year 3 FY2022-23	Year 4 FY2023-24	Year 5 FY2024-25		<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
360,000	0	360,000	0	0	0	0	360,000	

Section 2 **Description**

This project will include the installation of approximately 770' of 8" diameter gravity sewer line along Poplar Tent Road from Cobblestone Lane to serve the property at 4901 Poplar Tent Road.

History, Status, or Impact if Delayed

Justification or Link to City Goals

The proposed gravity sewer line will provide sewer service to future anticipated development within the drainage basin.

Section 3 **Capital Costs**

Activity	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Design, R/W & Construction	360,000	0	0	0	0	0	360,000
Total Capital Cost	360,000	0	0	0	0	0	360,000

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

Type of Expenditure	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Total							

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

Funding Source(s)	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
System Development Fees	360,000	0	0	0	0	0	360,000
Total	360,000	0	0	0	0	0	360,000

Section 6 **Section 7**

Maps / Charts / Tables / Pictures

Comments for Other Depts.



City of Concord, North Carolina

Fiscal Year 2020-21 through 2024-25 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	2	
Total CIP Cost	Total Appropriations to date	Budget Year 1 FY2020-21	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP
			Year 2 FY2021-22	Year 3 FY2022-23	Year 4 FY2023-24	Year 5 FY2024-25		<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
8,713,000	0	1,783,000	6,930,000	0	0	0	8,713,000	

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 extend 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 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Construction	0	6,930,000	0	0	0	0	6,930,000
Design & R/W	1,783,000	0	0	0	0	0	1,783,000
Total Capital Cost	1,783,000	6,930,000	0	0	0	0	8,713,000

Section 4 New or Additional Impact on Operating Budget

Type of Expenditure	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Total							

Section 5 Method(s) of Financing

Funding Source(s)	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Bond Proceeds	1,783,000	6,930,000	0	0	0	0	8,713,000
Total	1,783,000	6,930,000	0	0	0	0	8,713,000

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



City of Concord, North Carolina

Fiscal Year 2020-21 through 2024-25 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 3					
Total CIP Cost	Total Appropriations to date	Budget Year 1 FY2020-21	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP	
			Year 2 FY2021-22	Year 3 FY2022-23	Year 4 FY2023-24	Year 5 FY2024-25		<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		
3,658,000	0	798,000	0	2,860,000	0	0	3,658,000		

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 extend 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 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Construction	0	0	2,860,000	0	0	0	2,860,000
Design & R/W	798,000	0	0	0	0	0	798,000
Total Capital Cost	798,000	0	2,860,000	0	0	0	3,658,000

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

Type of Expenditure	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
---------------------	------------	------------	------------	------------	------------	-------------	-------

Total

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

Funding Source(s)	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Future Project Reserves	627,500	0	0	0	0	0	627,500
Transfer From Sewer	170,500	0	2,860,000	0	0	0	3,030,500
Total	798,000	0	2,860,000	0	0	0	3,658,000

Section 6 **Section 7**

Maps / Charts / Tables / Pictures

Comments for Other Depts.



City of Concord, North Carolina

Fiscal Year 2020-21 through 2024-25 Capital Improvement Plan

Section 1	CIP Title	Union StreetScape - Sewer				Budget Unit #	8402		
Budget Unit	Wastewater Projects	Functional Area	Wastewater			Priority Rank	4		
Total CIP Cost	Total Appropriations to date	Budget Year 1 FY2020-21	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP	
			Year 2 FY2021-22	Year 3 FY2022-23	Year 4 FY2023-24	Year 5 FY2024-25		<input type="checkbox"/> New	<input type="checkbox"/> Expansion
			<input type="checkbox"/> Replacement	<input type="checkbox"/> Renovation					
			<input type="checkbox"/> Land/ROW Acq. Required						
234,000	0	234,000	0	0	0	0	234,000		

Section 2 **Description**

This project will consist of replacing sewer lines and manholes, sewer services, and other sewer infrastructure along Union Street for the purposes of completing the proposed Union StreetScape project.

History, Status, or Impact if Delayed

Justification or Link to City Goals

The project will involve replacing old and outdated sewer infrastructure (i.e. lines, manholes, services) with new sewer infrastructure in order to fit the proposed footprint of the Union StreetScape project.

Section 3 **Capital Costs**

Activity	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Design & Construction	234,000	0	0	0	0	0	234,000
Total Capital Cost	234,000	0	0	0	0	0	234,000

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

Type of Expenditure	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
---------------------	------------	------------	------------	------------	------------	-------------	-------

Total

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

Funding Source(s)	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Transfer From Sewer	234,000	0	0	0	0	0	234,000
Total	234,000	0	0	0	0	0	234,000

Section 6 **Section 7**

Maps / Charts / Tables / Pictures

Comments for Other Depts.



City of Concord, North Carolina

Fiscal Year 2020-21 through 2024-25 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	5	
Total CIP Cost	Total Appropriations to date	Budget Year 1 FY2020-21	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP
			Year 2 FY2021-22	Year 3 FY2022-23	Year 4 FY2023-24	Year 5 FY2024-25		<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
1,740,000	0	0	0	418,000	1,322,000	0	1,740,000	

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 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Construction	0	0	0	1,322,000	0	0	1,322,000
Design & R/W	0	0	418,000	0	0	0	418,000
Total Capital Cost	0	0	418,000	1,322,000	0	0	1,740,000

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

Type of Expenditure	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Total							

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

Funding Source(s)	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Transfer From Sewer	0	0	418,000	1,322,000	0	0	1,740,000
Total	0	0	418,000	1,322,000	0	0	1,740,000

Section 6 **Section 7**

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



City of Concord, North Carolina

Fiscal Year 2020-21 through 2024-25 Capital Improvement Plan

Section 1	CIP Title	Muddy Creek Tributary Outfall To NC Highway 24/27					Budget Unit #	8402
Budget Unit	Wastewater Projects	Functional Area	Wastewater				Priority Rank	6
Total CIP Cost	Total Appropriations to date	Budget Year 1 FY2020-21	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP
			Year 2 FY2021-22	Year 3 FY2022-23	Year 4 FY2023-24	Year 5 FY2024-25		<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
3,512,000	0	0	0	0	0	0	3,512,000	

Section 2 **Description**

This project will include the installation of approximately 6,700' of 12" diameter gravity sewer line that will be tributary to Muddy Creek and will be extended to NC Highway 24/27 in order to abandon the existing Bethel School 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, this gravity sewer outfall line will be extended to NC Highway 24/27 in order to abandon the existing Bethel School Pump Station.

Section 3 **Capital Costs**

Activity	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Design, R/W & Construction	0	0	0	0	3,512,000	0	3,512,000
Total Capital Cost	0	0	0	0	3,512,000	0	3,512,000

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

Type of Expenditure	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Total							

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

Funding Source(s)	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Transfer From Sewer	0	0	0	0	3,512,000	0	3,512,000
Total	0	0	0	0	3,512,000	0	3,512,000

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



City of Concord, North Carolina

Fiscal Year 2020-21 through 2024-25 Capital Improvement Plan

Section 1	CIP Title	Sewer Lining & Manhole Maint.				Budget Unit #	8402		
Budget Unit	Wastewater Projects	Functional Area	Wastewater			Priority Rank	7		
Total CIP Cost	Total Appropriations to date	Budget Year 1 FY2020-21	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP	
			Year 2 FY2021-22	Year 3 FY2022-23	Year 4 FY2023-24	Year 5 FY2024-25		<input type="checkbox"/> New	<input type="checkbox"/> Expansion
			<input type="checkbox"/> Replacement	<input checked="" type="checkbox"/> Renovation					
			<input type="checkbox"/> Land/ROW Acq. Required						
1,000,000	0	1,000,000	0	0	0	0	1,000,000		

Section 2 Description

This CIP project captures funding used for sewer lining and manhole rehabilitation. This item was previously placed in the operating budget, but was moved to the CIP to maintain records on how capacity funds are being spent.

History, Status, or Impact if Delayed

Justification or Link to City Goals

Section 3 Capital Costs

Activity	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Sewer Lining and Manhole Rehabilitation/Maintenance	1,000,000	0	0	0	0	0	1,000,000
Total Capital Cost	1,000,000	0	0	0	0	0	1,000,000

Section 4 New or Additional Impact on Operating Budget

Type of Expenditure	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Total							

Section 5 Method(s) of Financing

Funding Source(s)	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
System Development Fees	1,000,000	0	0	0	0	0	1,000,000
Total	1,000,000	0	0	0	0	0	1,000,000

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

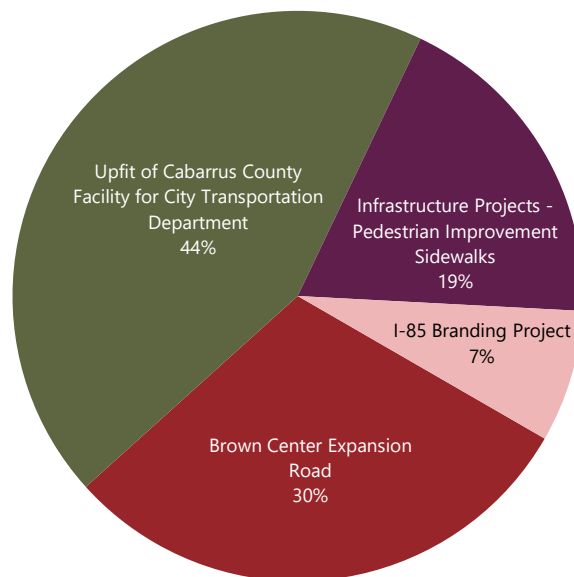


Fund 423: Transportation Capital Projects

Specified transportation projects are funded by the City's dedicated Transportation Fund. The equivalent of 2.5¢ 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.

	2020-2021 Approved	2021-2022 Planning Yr.	2022-2023 Planning Yr.	2023-2024 Planning Yr.	2024-2025 Planning Yr.	Future Planning Yr.
Expenses By Project						
Brown Center Expansion Road	\$ 800,000	\$ -	\$ -	\$ -	\$ -	\$ -
Upfit of Cabarrus County Facility for City Transportation Department	\$ 1,167,232	\$ -	\$ -	\$ -	\$ -	\$ -
Infrastructure Projects - Pedestrian Improvement Sidewalks	\$ 500,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ -	\$ -
Lincoln St. Bridge Replacement	\$ -	\$ 475,000	\$ 2,000,000	\$ -	\$ -	\$ -
US 601 at Flowes Store Road Improvements	\$ -	\$ 1,708,404	\$ -	\$ -	\$ -	\$ -
I-85 Branding Project	\$ 200,000	\$ -	\$ -	\$ -	\$ -	\$ -
Concord Farms Realignment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 4,000,000
Dorland Ave Realignment Phase II	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 775,000
Total	\$ 2,667,232	\$ 2,683,404	\$ 2,500,000	\$ 500,000	\$ -	\$ 4,775,000

FY 2021 Transportation Projects



	2020-2021 Approved	2021-2022 Planning Yr.	2022-2023 Planning Yr.	2023-2024 Planning Yr.	2024-2025 Planning Yr.	Future Planning Yr.
Revenues by Funding Source						
Transfer from General Fund (2.25¢ Allocation)	\$ 2,277,232	\$ 926,682	\$ 2,110,000	\$ 110,000	\$ -	\$ 4,775,000
Vehicle License Fee	\$ 390,000	\$ 390,000	\$ 390,000	\$ 390,000	\$ -	\$ -
CMAQ Grants	\$ -	\$ 1,366,722	\$ -	\$ -	\$ -	\$ -
Total	\$ 2,667,232	\$ 2,683,404	\$ 2,500,000	\$ 500,000	\$ -	\$ 4,775,000

City of Concord, North Carolina

Fiscal Year 2020-21 through 2024-25 Capital Improvement Plan

Section 1	CIP Title	Brown Center Expansion Road				Budget Unit #	8600		
Budget Unit	Street Projects	Functional Area	Transportation			Priority Rank	1		
Total CIP Cost	Total Appropriations to date	Budget Year 1 FY2020-21	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP	
			Year 2 FY2021-22	Year 3 FY2022-23	Year 4 FY2023-24	Year 5 FY2024-25		<input checked="" type="checkbox"/> New	<input type="checkbox"/> Expansion
800,000	0	800,000	0	0	0	0	<input type="checkbox"/> Replacement	<input type="checkbox"/> Renovation	
						800,000	<input type="checkbox"/> Land/ROW Acq. Required		

Section 2 **Description**

This project would complete the previously planned paving and construction of curb and gutter along the access road connecting the Alfred M. Brown Operations Center (BOC) expansion road from Alfred Brown Jr. Ct. to end of pavement that was constructed with the Traffic Management Center. This CIP was originally part of CIP number 8600-20-01, which included a new request for the Transportation Services Building, but these two CIPs are being separated.

History, Status, or Impact if Delayed

The original plans for the Traffic Management Center and overall grading of the BOC expansion call for the newly constructed road to be fully paved with curb and gutter. Due to bid costs coming in higher than estimated and budgeted, the original scope of the project was amended to bring the cost closer to budget. One of the items to be removed from the scope was the paving and construction of curb and gutter along the access road. This project would complete the road as originally planned and designed and will help eliminate future problems with the road washing out and will properly complete the drainage system designed to operate with a paved road with curb and gutter.

Justification or Link to City Goals

The Traffic Management Center is the first facility to be constructed in the BOC expansion area. Future goals are to utilize the area that has been mass graded to further expand by relocating other facilities there. The access road was partially built with the TMC and mass grading portion of this expansion however, it was not completed as designed. In order for the access road and accompanying storm drainage infrastructure to have maximum longevity and perform as designed, the access road should be completed with asphalt paving and curb and gutter.

Section 3 **Capital Costs**

Activity	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
BOC Expansion Area Road Construction	800,000	0	0	0	0	0	800,000
Total Capital Cost	800,000	0	0	0	0	0	800,000

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

Type of Expenditure	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Total							

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

Funding Source(s)	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
2.25¢ Allocation from General Fund	800,000	0	0	0	0	0	800,000
Total	800,000	0	0	0	0	0	800,000

Section 6 **Section 7**

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



City of Concord, North Carolina

Fiscal Year 2020-21 through 2024-25 Capital Improvement Plan

Section 1	CIP Title	Upfit of Cabarrus County Facility for City Transportation Department				Budget Unit #	8600	
Budget Unit	Street Projects	Functional Area	Transportation			Priority Rank	2	
Total CIP Cost	Total Appropriations to date	Budget Year 1 FY2020-21	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP
			Year 2 FY2021-22	Year 3 FY2022-23	Year 4 FY2023-24	Year 5 FY2024-25		
1,167,232	0	1,167,232	0	0	0	0	1,167,232	

Section 2 Description

Purchase and upgrade the existing Cabarrus County Infrastructure and Asset Management Facility to meet the needs of the City's Transportation Admin. and Traffic Services Divisions. This project will free up the space these divisions occupy at the existing Alfred M. Brown Operations Center(BOC) for future growth of other departments and help alleviate the need for additional space at the BOC. This CIP is estimated at a total cost of \$1,167,232. Included in the cost estimate is \$670,000 for acquisition of the facility and \$497,232 for the work necessary to remodel/upfit the existing building and site.

History, Status, or Impact if Delayed

City Management and the departments that are based at the BOC have realized a critical need for more work space, offices, and storage space with the continued growth of City forces. The existing building cannot support future growth of BOC workforce and the need for additional space. In response, efforts have been made to identify potential solutions to the pressing space needs. The current Cabarrus County Infrastructure and Asset Management Facility has been identified as one potential solution to help alleviate the growing pains of the BOC. 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, 7 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.

Justification or Link to City Goals

The upgrade to the county facility will help alleviate the overall insufficient work space at the BOC to accommodate the City's expanding employee base. The upgraded facility will provide the space needed for the Transportation Department's Administration and Traffic Services divisions to effectively address the public's transportation needs while also freeing up the space. The upfit of the existing Cabarrus County Facility will allow for the Traffic Services division to have the space to adequately stage and process multiple department's vehicles for applying the City's logos, as well as allow ample space to perform daily operations and provide sufficient storage for supplies, while still able to support future division growth. The new and up-fitted facility will also have sufficient office space for future expansion of the Transportation Department's Administration division and allow for the addition of an in-house Transportation Planning/MPO division as detailed by the Transportation Department's 5 year plan.

Section 3 Capital Costs

Activity	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
5% Contingency	23,678	0	0	0	0	0	23,678
Design / Facility Remodeling / Upfitting	332,619	0	0	0	0	0	332,619
Facility Acquisition	670,000	0	0	0	0	0	670,000
Furniture	109,185	0	0	0	0	0	109,185
Office Equipment	31,750	0	0	0	0	0	31,750
Total Capital Cost	1,167,232	0	0	0	0	0	1,167,232

Section 4 New or Additional Impact on Operating Budget

Type of Expenditure	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Total							

Section 5 Method(s) of Financing

Funding Source(s)	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
2.25¢ Allocation from General Fund	1,167,232	0	0	0	0	0	1,167,232
Total	1,167,232	0	0	0	0	0	1,167,232

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

City of Concord, North Carolina

Fiscal Year 2020-21 through 2024-25 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 FY2020-21	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP	
			Year 2 FY2021-22	Year 3 FY2022-23	Year 4 FY2023-24	Year 5 FY2024-25		<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		
2,000,000	0	500,000	500,000	500,000	500,000	0	2,000,000		

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 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Clear/Grade/Site Prep	80,000	80,000	80,000	80,000	0	0	320,000
Construction-	380,000	380,000	380,000	380,000	0	0	1,520,000
Land/ROW	40,000	40,000	40,000	40,000	0	0	160,000
Total Capital Cost	500,000	500,000	500,000	500,000	0	0	2,000,000

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

Type of Expenditure	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Total							

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

Funding Source(s)	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
\$5 Vehicle Fees	390,000	390,000	390,000	390,000	0	0	1,560,000
2.25¢ Allocation from General Fund	110,000	110,000	110,000	110,000	0	0	440,000
Total	500,000	500,000	500,000	500,000	0	0	2,000,000

Section 6 **Section 7**

Maps / Charts / Tables / Pictures

Comments for Other Depts.



City of Concord, North Carolina

Fiscal Year 2020-21 through 2024-25 Capital Improvement Plan

Section 1	CIP Title	Lincoln St. Bridge Replacement				Budget Unit #	8600		
Budget Unit	Street Projects	Functional Area	Transportation			Priority Rank	4		
Total CIP Cost	Total Appropriations to date	Budget Year 1 FY2020-21	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP	
			Year 2 FY2021-22	Year 3 FY2022-23	Year 4 FY2023-24	Year 5 FY2024-25		<input type="checkbox"/> New <input checked="" type="checkbox"/> Replacement <input type="checkbox"/> Land/ROW Acq. Required	<input type="checkbox"/> Expansion <input type="checkbox"/> Renovation
2,475,000	0	0	475,000	2,000,000	0	0	2,475,000		

Section 2 **Description**

Replace existing Lincoln Street Bridge due to poor conditions in order to provide safer travel and pedestrian improvement.

History, Status, or Impact if Delayed

Bridge 120320, Lincoln Street, was inspected in June 2018 as part of a city-wide inspection of bridges that occurs every 2 years through NCDOT's contractor. The bridge was constructed in 1971 and spans Lincoln St over Wilshire Creek. Retrofitted pedestrian delineation has been added in the past, although at grade with vehicular traffic, which is not the preferred location. Potential for CDBG eligible funds, determination of split to be determined based on CDBG balances.

Justification or Link to City Goals

The replacement of the Lincoln Street Bridge addresses the department's goal to provide sustainable infrastructure within the City of Concord to ensure the safe movement of people, goods, and services. The replacement will create appropriate travel lane widths and add a full ADA compliant walkway achieving a protective separation of vehicles and pedestrians. The bridge replacement will substitute the growing costs of maintaining an inadequate infrastructure, which at this time, only has 14 years of remaining life.

Section 3 **Capital Costs**

Activity	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Construction	0	0	2,000,000	0	0	0	2,000,000
Design / R/W	0	475,000	0	0	0	0	475,000
Total Capital Cost	0	475,000	2,000,000	0	0	0	2,475,000

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

Type of Expenditure	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Total							

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

Funding Source(s)	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
2.25¢ Allocation from General Fund	0	475,000	2,000,000	0	0	0	2,475,000
Total	0	475,000	2,000,000	0	0	0	2,475,000

Section 6 **Section 7**

Maps / Charts / Tables / Pictures

Comments for Other Depts.



City of Concord, North Carolina

Fiscal Year 2020-21 through 2024-25 Capital Improvement Plan

Section 1	CIP Title	US 601 at Flowes Store Road Improvements				Budget Unit #	8600		
Budget Unit	Street Projects	Functional Area	Transportation			Priority Rank	5		
Total CIP Cost	Total Appropriations to date	Budget Year 1 FY2020-21	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP	
			Year 2 FY2021-22	Year 3 FY2022-23	Year 4 FY2023-24	Year 5 FY2024-25		<input type="checkbox"/> New	<input checked="" type="checkbox"/> Expansion
			<input type="checkbox"/> Replacement	<input type="checkbox"/> Renovation					
			<input type="checkbox"/> Land/ROW Acq. Required						
4,069,873	2,361,469	0	1,708,404	0	0	0	1,708,404		

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

Using the estimated total project cost of \$4,069,872; a 20% Local Match of approximately \$813,974 from the Transportation Fund to the Operating Revenue will be required to meet schedule. 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 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Construction	0	1,708,404	0	0	0	0	1,708,404
Total Capital Cost	0	1,708,404	0	0	0	0	1,708,404

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

Type of Expenditure	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Total							

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

Funding Source(s)	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
2.25¢ Allocation from General Fund	0	341,682	0	0	0	0	341,682
CMAQ	0	1,366,722	0	0	0	0	1,366,722
Total	0	1,708,404	0	0	0	0	1,708,404

Section 6 **Section 7**

Maps / Charts / Tables / Pictures

Comments for Other Depts.



City of Concord, North Carolina

Fiscal Year 2020-21 through 2024-25 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 FY2020-21	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP	
			Year 2 FY2021-22	Year 3 FY2022-23	Year 4 FY2023-24	Year 5 FY2024-25		<input checked="" type="checkbox"/> New	<input type="checkbox"/> Expansion
			<input type="checkbox"/> Replacement	<input type="checkbox"/> Renovation			<input type="checkbox"/> Land/ROW Acq. Required		
450,000	250,000	200,000	0	0	0	0	200,000		

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 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Construction	200,000	0	0	0	0	0	200,000
Total Capital Cost	200,000	0	0	0	0	0	200,000

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

Type of Expenditure	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Total							

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

Funding Source(s)	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
2.25¢ Allocation from General Fund	200,000	0	0	0	0	0	200,000
Total	200,000	0	0	0	0	0	200,000

Section 6 **Section 7**

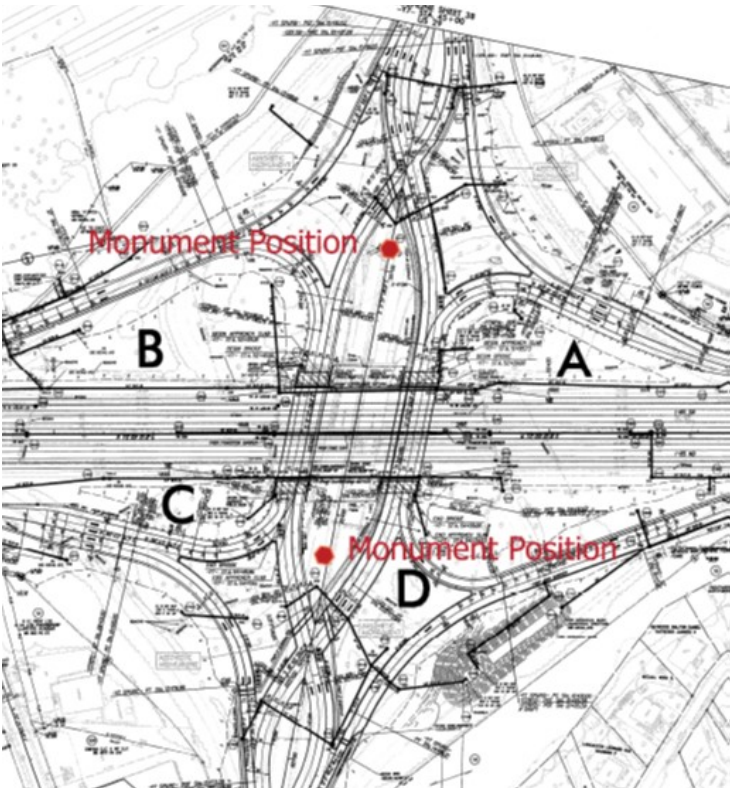
Maps / Charts / Tables / Pictures

Comments for Other Depts.



City of Concord, North Carolina

Fiscal Year 2020-21 through 2024-25 Capital Improvement Plan



City of Concord, North Carolina

Fiscal Year 2020-21 through 2024-25 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 FY2020-21	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP
			Year 2 FY2021-22	Year 3 FY2022-23	Year 4 FY2023-24	Year 5 FY2024-25		
4,000,000	0	0	0	0	0	0	4,000,000	

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, sidewalk, 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 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total	
Construction	0	0	0	0	0	4,000,000	4,000,000	
Total Capital Cost	0	0	0	0	0	4,000,000	4,000,000	

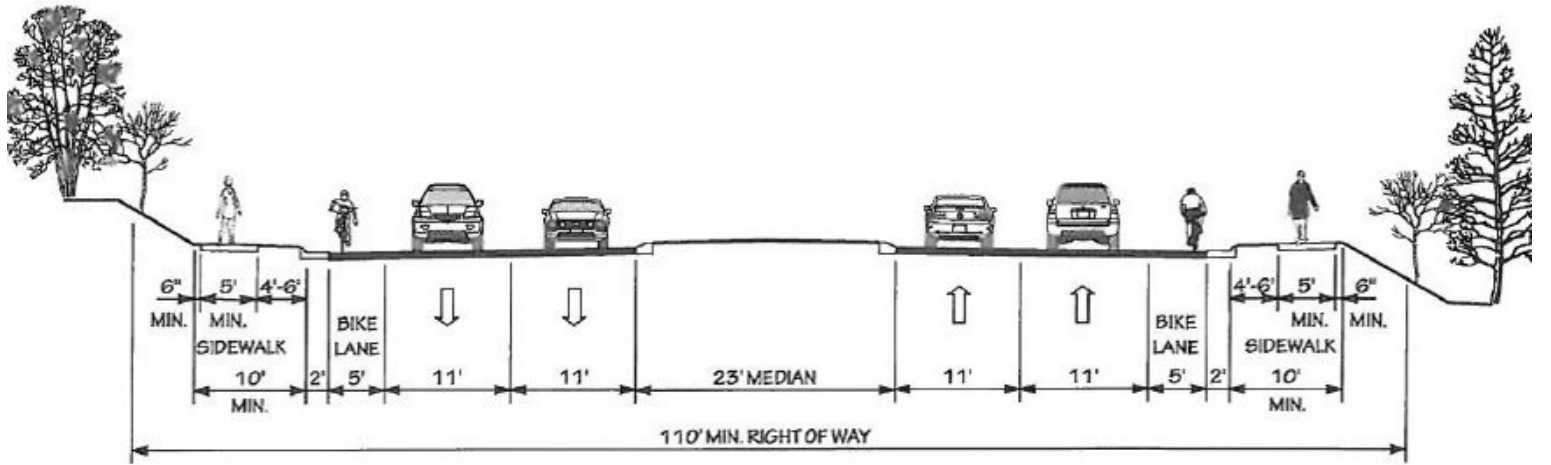
Section 4	New or Additional Impact on Operating Budget							
Type of Expenditure	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total	
Total								

Section 5	Method(s) of Financing							
Funding Source(s)	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total	
2.25¢ Allocation from General Fund	0	0	0	0	0	4,000,000	4,000,000	
Total	0	0	0	0	0	4,000,000	4,000,000	

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



City of Concord, North Carolina
Fiscal Year 2020-21 through 2024-25 Capital Improvement Plan



City of Concord, North Carolina

Fiscal Year 2020-21 through 2024-25 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 FY2020-21	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP	
			Year 2 FY2021-22	Year 3 FY2022-23	Year 4 FY2023-24	Year 5 FY2024-25		<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	0	0	775,000		

Section 2 Description

This project consists of completing the realignment of Dorland Ave from Kerr St. and 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 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Construction	0	0	0	0	0	775,000	775,000
Total Capital Cost	0	0	0	0	0	775,000	775,000

Section 4 New or Additional Impact on Operating Budget

Type of Expenditure	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Total							

Section 5 Method(s) of Financing

Funding Source(s)	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
2.25¢ Allocation from General Fund	0	0	0	0	0	775,000	775,000
Total	0	0	0	0	0	775,000	775,000

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

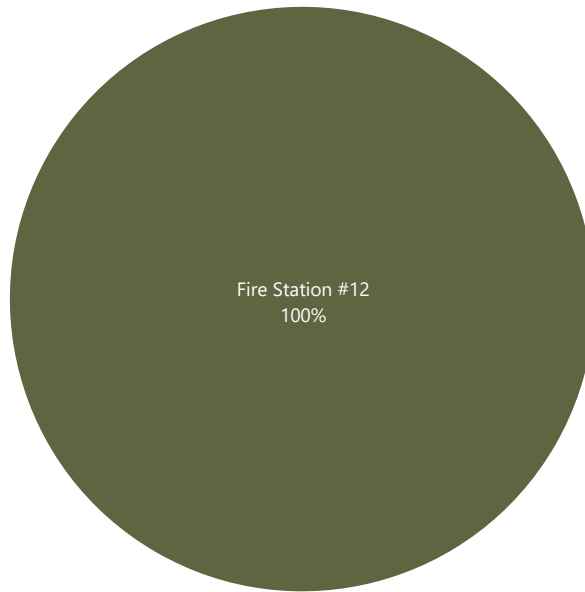


Fund 426: Fire Capital Projects

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

	2020-2021 Approved	2021-2022 Planning Yr.	2022-2023 Planning Yr.	2023-2024 Planning Yr.	2024-2025 Planning Yr.	Future Planning Yr.
Expenses By Project						
Training Facility	\$ -	\$ 15,434,336	\$ 719,724	\$ -		\$ -
Fire Station #12	\$ 7,245,630	\$ 1,254,541	\$ -	\$ -	\$ 1,295,629	\$ 2,676,424
Fire Station #13	\$ -	\$ -	\$ 400,000	\$ 7,150,636	\$ 1,104,164	\$ -
Total	\$ 7,245,630	\$ 16,688,877	\$ 1,119,724	\$ 7,150,636	\$ 2,399,793	\$ 2,676,424

FY 2021 Fire Capital Projects



	2020-2021 Approved	2021-2022 Planning Yr.	2022-2023 Planning Yr.	2023-2024 Planning Yr.	2024-2025 Planning Yr.	Future Planning Yr.
Revenues by Funding Source						
Transfer from General Capital Reserve	\$ -	\$ -	\$ 400,000	\$ 5,710,000	\$ -	\$ -
Financing Proceeds	\$ 5,950,000	\$ 15,434,336	\$ -	\$ -	\$ -	\$ -
Operating Revenues	\$ 1,295,630	\$ 1,254,541	\$ 719,724	\$ 1,440,636	\$ 2,399,793	\$ 2,676,424
Total	\$ 7,245,630	\$ 16,688,877	\$ 1,119,724	\$ 7,150,636	\$ 2,399,793	\$ 2,676,424

City of Concord, North Carolina

Fiscal Year 2020-21 through 2024-25 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 FY2020-21	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP	
			Year 2 FY2021-22	Year 3 FY2022-23	Year 4 FY2023-24	Year 5 FY2024-25		<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		
19,229,060	3,075,000	0	15,434,336	719,724	0	0	16,154,060		

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, and on the horizon, there are CIPs for two future fire stations with 33+ FTEs. The current facility no longer meets the needs of the department and does not allow for live fire training, does not provide industry standard training features, 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 and is presented in three-phases. Phase 1 includes engineering, land acquisition, and Designing and planning in FY 20. Phase 2 is presented in FY 21 and includes funding for a firing range, burn buildings, fire administration building, and joint administrative building with locker rooms, class rooms, exercise room, auditorium, and office space for both agencies' training divisions. Phase 3 is presented in FY 22 and includes a multi-purpose warehouse, firearms simulator, driving pad, and technical rescue training aids. This facility would meet the current and future needs of both the police and fire departments as well as support the support the FY 2020-2023 Strategic Plan, which identifies a Fire/Police training facility.

Included in the Training Facility funding are allocations for a new Fire Administration building, which is presented in phase 2. Fire Administration has outgrown the current office space at fire station #3, and Communications has a desire to use this space for their communications headquarters and radio shop. Communications has submitted a CIP for the remodeling of fire station #3 in FY 22 to meet their needs for a centralized facility.

Section 3 **Capital Costs**

Activity	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Clear/Grade/Site Prep	0	0	0	0	0	0	0
Construction	0	15,434,336	0	0	0	0	15,434,336
Prelim Design/Plans	0	0	0	0	0	0	0
Total Capital Cost	0	15,434,336	0	0	0	0	15,434,336

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

Type of Expenditure	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Admin Assistant	0	0	54,091	0	0	0	54,091
furnishings and equipment for training facility	0	0	350,000	0	0	0	350,000
Police Sergeant for Training	0	0	76,668	0	0	0	76,668
Range Master - Police Lieutenant	0	0	80,547	0	0	0	80,547
Training Captain x2	0	0	158,418	0	0	0	158,418
Total	0	0	719,724	0	0	0	719,724

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

Funding Source(s)	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Financing Proceeds	0	15,434,336	0	0	0	0	15,434,336
Operating Revenue (for CIP)	0	0	719,724	0	0	0	719,724
Total	0	15,434,336	719,724	0	0	0	16,154,060

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, Communications, and Electrical.



City of Concord, North Carolina

Fiscal Year 2020-21 through 2024-25 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 FY2020-21	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP	
			Year 2 FY2021-22	Year 3 FY2022-23	Year 4 FY2023-24	Year 5 FY2024-25		<input checked="" type="checkbox"/> New	<input type="checkbox"/> Expansion
			<input type="checkbox"/> Replacement	<input type="checkbox"/> Renovation					
			<input type="checkbox"/> Land/ROW Acq. Required						
13,062,224	590,000	7,245,630	1,254,541	0	0	1,295,629	12,472,224		

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

Land will be purchased for this project. Upon completion of this project, the department will be able to meet adopted response times in this area as well as provide a location for Parks and Recreation for a community room. This project should include funding for the estimated costs of adding fiber to this location.

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 geographical area. In addition to not meeting the response times, the department will exceed the recommended span of control for management of resources with the construction of this facility. This fire station will house an Engine Company and Battalion Chief when construction is complete, and a future Ladder Company in FY 25-26. Parks and Recreation will also plan space in this building as a Community Room for this region of the City.

This CIP also links to the FY 2020 – 2023 Strategic Plan, "Secure property for Fire Station #12 and budget for construction."

Section 3 **Capital Costs**

Activity	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Clear/ Grade Site	300,000	0	0	0	0	0	300,000
Construction	5,500,000	0	0	0	0	0	5,500,000
Furnishing and Equipment	150,000	0	0	0	0	0	150,000
Total Capital Cost	5,950,000	0	0	0	0	0	5,950,000

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

Type of Expenditure	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Battalion Chief x3	67,128	268,383	0	0	0	0	335,511
Engine 12	700,000	0	0	0	0	0	700,000
Equipment for Engine 12 and Batt. 3	80,000	0	0	0	0	0	80,000
Equipment for Ladder 12	0	0	0	0	0	125,000	125,000
FD732 Capital Equipment	0	9,500	0	0	0	0	9,500
Fire Captain x3 (Engine Company)	58,830	235,242	0	0	0	0	294,072
Fire Captain x3 (Ladder Company)	0	0	0	0	275,762	258,348	534,110
Fire Engineer x3 (Engine Company)	45,750	182,988	0	0	0	0	228,738
Fire Engineer x3 (Ladder Company)	0	0	0	0	215,650	199,889	415,539
Fire Lieutenant x3 (Engine Company)	48,834	195,288	0	0	0	0	244,122
Fire Lieutenant x3 (Ladder Company)	0	0	0	0	229,822	213,672	443,494
Firefighter x6 (Engine Company)	80,976	323,880	0	0	0	0	404,856
Firefighter x9 (Ladder Company)	0	0	0	0	574,395	479,515	1,053,910
Ladder 12	0	0	0	0	0	1,400,000	1,400,000
Misc Safety Supplies for new firefighters	186,356	3,260	0	0	0	0	189,616
Uniforms	27,756	0	0	0	0	0	27,756
Vehicle for Battalion Chief	0	36,000	0	0	0	0	36,000
Total	1,295,630	1,254,541	0	0	1,295,629	2,676,424	6,522,224

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

City of Concord, North Carolina

Fiscal Year 2020-21 through 2024-25 Capital Improvement Plan

Funding Source(s)	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Financing Proceeds	5,950,000	0	0	0	0	0	5,950,000
Operating Revenue (for CIP)	1,295,630	1,254,541	0	0	1,295,629	2,676,424	6,522,224
Total	7,245,630	1,254,541	0	0	1,295,629	2,676,424	12,472,224

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, Parks and Recreation, and Electrical.



City of Concord, North Carolina

Fiscal Year 2020-21 through 2024-25 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 FY2020-21	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP	
			Year 2 FY2021-22	Year 3 FY2022-23	Year 4 FY2023-24	Year 5 FY2024-25		<input checked="" type="checkbox"/> New	<input type="checkbox"/> Expansion
							<input type="checkbox"/> Replacement	<input type="checkbox"/> Renovation	
							<input type="checkbox"/> Land/ROW Acq. Required		
8,954,800	300,000	0	0	400,000	7,150,636	1,104,164	8,654,800		

Section 2 **Description**

The preliminary design, engineering, and architecture in FY 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 are not 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; however, that property is not the best strategic location and has some flood plain in the property. The department is exploring other land opportunities that will yield a better distribution and provide improved response times to this growing area of the City.

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 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Clear/Grade	0	0	0	720,000	0	0	720,000
Construction	0	0	0	4,840,000	0	0	4,840,000
Engineering/ Architecture	0	0	350,000	0	0	0	350,000
Furniture	0	0	0	150,000	0	0	150,000
Preliminary Design	0	0	50,000	0	0	0	50,000
Total Capital Cost	0	0	400,000	5,710,000	0	0	6,110,000

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

Type of Expenditure	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Engine 13	0	0	0	710,000	0	0	710,000
Equipment for Engine 13	0	0	0	100,000	0	0	100,000
Fire Captain x3	0	0	0	157,377	275,762	0	433,139
Fire Engineer x3	0	0	0	123,179	215,650	0	338,829
Fire Lieutenant x3	0	0	0	131,241	229,822	0	361,063
Firefighter x6	0	0	0	218,839	382,930	0	601,769
Total	0	0	0	1,440,636	1,104,164	0	2,544,800

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

Funding Source(s)	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Capital Reserve	0	0	400,000	5,710,000	0	0	6,110,000
General Operating Revenue	0	0	0	1,440,636	1,104,164	0	2,544,800
Total	0	0	400,000	7,150,636	1,104,164	0	8,654,800

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

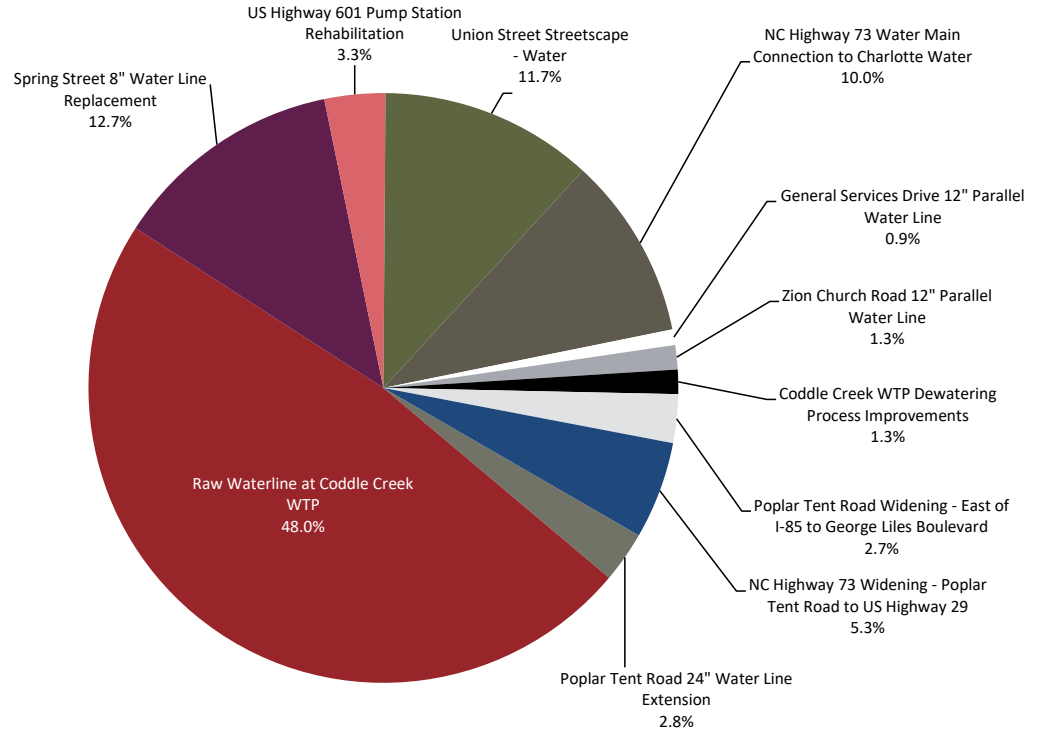
This will involve the following departments: Engineering, Building and Grounds, Legal, City Manager's Office, and Electrical.

Fund 429: Water Capital Expenditures

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

	2020-2021 Approved	2021-2022 Planning Yr.	2022-23 Planning Yr.	2023-2024 Planning Yr.	2024-2025 Planning Yr.	Future Planning Yr.
Expenses By Project						
Poplar Tent Road 24" Water Line Extension	\$ 210,000	\$ -	\$ -	\$ -	\$ -	\$ -
Raw Waterline at Coddle Creek WTP	\$ 3,600,000	\$ -	\$ -	\$ -	\$ -	\$ -
Spring Street 8" Water Line Replacement	\$ 950,000	\$ -	\$ -	\$ -	\$ -	\$ -
US Highway 601 Pump Station Rehabilitation	\$ 250,000	\$ -	\$ -	\$ -	\$ -	\$ -
Union Street Streetscape - Water	\$ 878,000	\$ -	\$ -	\$ -	\$ -	\$ -
NC Highway 73 Water Main Connection to Charlotte Water	\$ 750,000	\$ -	\$ -	\$ -	\$ -	\$ -
General Services Drive 12" Parallel Water Line	\$ 64,000	\$ 436,000	\$ -	\$ -	\$ -	\$ -
Zion Church Road 12" Parallel Water Line	\$ 100,000	\$ 518,000	\$ -	\$ -	\$ -	\$ -
Coddle Creek WTP Dewatering Process Improvements	\$ 100,000	\$ 900,000	\$ 6,000,000	\$ -	\$ -	\$ -
Poplar Tent Road Widening - East of I-85 to George Liles Boulevard	\$ 200,000	\$ -	\$ 1,000,000	\$ 1,000,000	\$ -	\$ -
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
GAC Contactors at Hillgrove WTP	\$ -	\$ 5,000,000	\$ -	\$ -	\$ -	\$ -
Hillgrove WTP Settling Basin Improvements	\$ -	\$ 3,750,000	\$ -	\$ -	\$ -	\$ -
NC Highway 49 24" Water Line Extension - Stough Road to General Services Drive	\$ -	\$ 6,367,250	\$ -	\$ -	\$ -	\$ -
Union Cemetery Road Realignment	\$ -	\$ 300,000	\$ -	\$ -	\$ -	\$ -
US Highway 29/601 Bridge Over Irish Buffalo Creek	\$ -	\$ 500,000	\$ -	\$ -	\$ -	\$ -
George Liles Boulevard 24" Water Line Phase 4 - Roberta Road to NC Highway 49	\$ -	\$ -	\$ 575,000	\$ 2,875,000	\$ -	\$ -
4 MGD Water Booster Pump Station	\$ -	\$ -	\$ 230,000	\$ 1,150,000	\$ -	\$ -
US Highway 601 24" Water Line Extension - Zion Church Road to Miami Church Road	\$ -	\$ -	\$ 281,000	\$ 1,402,000	\$ -	\$ -
US Highway 601 Control Vault	\$ -	\$ -	\$ 156,000	\$ -	\$ -	\$ -
US Highway 601 16" Water Line Extension - Flowes Store Road to Parks Lafferty Road	\$ -	\$ -	\$ -	\$ 883,000	\$ 4,414,000	\$ -
Cross Country 16" Water Line Extension - NC Highway 49 to Rocky River Road	\$ -	\$ -	\$ -	\$ 230,000	\$ 1,146,000	\$ -
Miami Church Road 12"/24" Parallel Water Line Extension - US Highway 601 to Cold Springs Road	\$ -	\$ -	\$ -	\$ 347,000	\$ 1,731,000	\$ -
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	\$ -
Cold Springs Road 12" Water Line Extension - Miami Church Road to NC Highway 49	\$ -	\$ -	\$ -	\$ -	\$ 552,000	\$ 2,759,000
Parks Lafferty Road/Flowes Store Road 12" Water Line Extension - US Highway 601 to NC Highway 24/27	\$ -	\$ -	\$ -	\$ -	\$ 1,356,000	\$ 6,777,000
	\$ 7,502,000	\$ 17,771,250	\$ 9,242,000	\$ 9,287,000	\$ 14,199,000	\$ 10,536,000

FY 2021 Water Capital Projects



Fund 429: Water Capital Revenues

	2020-2021 Approved	2021-2022 Planning Yr.	2022-23 Planning Yr.	2023-2024 Planning Yr.	2024-2025 Planning Yr.	Future Planning Yr.
Revenues by Funding Source						
System Development Fees	\$ 1,374,000	\$ 954,000	\$ -	\$ -	\$ -	\$ -
Transfer From Water	\$ 5,438,000	\$ 1,700,000	\$ 8,242,000	\$ 8,287,000	\$ 14,199,000	\$ 10,536,000
Future Project Reserves (for CIP)	\$ 690,000	\$ -	\$ 1,000,000	\$ 1,000,000	\$ -	\$ -
Bond Proceeds	\$ -	\$ 15,117,250	\$ -	\$ -	\$ -	\$ -
Total	\$ 7,502,000	\$ 17,771,250	\$ 9,242,000	\$ 9,287,000	\$ 14,199,000	\$ 10,536,000

City of Concord, North Carolina

Fiscal Year 2020-21 through 2024-25 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	1		
Total CIP Cost	Total Appropriations to date	Budget Year 1 FY2020-21	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP	
			Year 2 FY2021-22	Year 3 FY2022-23	Year 4 FY2023-24	Year 5 FY2024-25		<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		
4,098,000	3,888,000	210,000	0	0	0	0	210,000		

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 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Construction	210,000	0	0	0	0	0	210,000
Total Capital Cost	210,000	0	0	0	0	0	210,000

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

Type of Expenditure	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Total							

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

Funding Source(s)	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
System Development Fees	210,000	0	0	0	0	0	210,000
Total	210,000	0	0	0	0	0	210,000

Section 6 **Section 7**

Maps / Charts / Tables / Pictures

Comments for Other Depts.



City of Concord, North Carolina

Fiscal Year 2020-21 through 2024-25 Capital Improvement Plan

Section 1	CIP Title	Raw Waterline at Coddle Creek WTP				Budget Unit #	8700		
Budget Unit	Water Projects	Functional Area	Water			Priority Rank	2		
Total CIP Cost	Total Appropriations to date	Budget Year 1 FY2020-21	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP	
			Year 2 FY2021-22	Year 3 FY2022-23	Year 4 FY2023-24	Year 5 FY2024-25		<input type="checkbox"/> New	<input type="checkbox"/> Expansion
			<input type="checkbox"/> Replacement	<input checked="" type="checkbox"/> Renovation					
			<input type="checkbox"/> Land/ROW Acq. Required						
4,790,000	1,190,000	3,600,000	0	0	0	0	3,600,000		

Section 2 **Description**

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

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 WTP 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 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Construction	3,600,000	0	0	0	0	0	3,600,000
Total Capital Cost	3,600,000	0	0	0	0	0	3,600,000

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

Type of Expenditure	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
---------------------	------------	------------	------------	------------	------------	-------------	-------

Total

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

Funding Source(s)	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Transfer From Water	3,600,000	0	0	0	0	0	3,600,000
Total	3,600,000	0	0	0	0	0	3,600,000

Section 6 **Section 7**

Maps / Charts / Tables / Pictures

Comments for Other Depts.



City of Concord, North Carolina

Fiscal Year 2020-21 through 2024-25 Capital Improvement Plan

Section 1	CIP Title	Spring Street 8" Water Line Replacement				Budget Unit #	8700		
Budget Unit	Water Projects	Functional Area	Water			Priority Rank	3		
Total CIP Cost	Total Appropriations to date	Budget Year 1 FY2020-21	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP	
			Year 2 FY2021-22	Year 3 FY2022-23	Year 4 FY2023-24	Year 5 FY2024-25		<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
950,000	0	950,000	0	0	0	0	950,000		

Section 2 Description

This project includes the replacement of approximately 3,500 linear feet of the existing 8" water line along Spring Street from Miller Avenue to Fryling Avenue.

History, Status, or Impact if Delayed

Justification or Link to City Goals

This replacement project is necessary due to the existing 8" water line being old and made of cast iron material (note: subject to corrosion) and that numerous leaks have occurred in the past along Spring Street in this same area.

Section 3 Capital Costs

Activity	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Construction	950,000	0	0	0	0	0	950,000
Total Capital Cost	950,000	0	0	0	0	0	950,000

Section 4 New or Additional Impact on Operating Budget

Type of Expenditure	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Total							

Section 5 Method(s) of Financing

Funding Source(s)	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Transfer From Water	950,000	0	0	0	0	0	950,000
Total	950,000	0	0	0	0	0	950,000

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



City of Concord, North Carolina

Fiscal Year 2020-21 through 2024-25 Capital Improvement Plan

Section 1	CIP Title	US Highway 601 Pump Station Rehabilitation				Budget Unit #	8700		
Budget Unit	Water Projects	Functional Area	Water			Priority Rank	4		
Total CIP Cost	Total Appropriations to date	Budget Year 1 FY2020-21	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP	
			Year 2 FY2021-22	Year 3 FY2022-23	Year 4 FY2023-24	Year 5 FY2024-25		<input type="checkbox"/> New	<input type="checkbox"/> Expansion
			<input type="checkbox"/> Replacement	<input checked="" type="checkbox"/> Renovation					
			<input type="checkbox"/> Land/ROW Acq. Required						
250,000	0	250,000	0	0	0	0	250,000		

Section 2 **Description**

Replacement of pumps and valves at the US Highway 601 pump station.

History, Status, or Impact if Delayed

Justification or Link to City Goals

Reduce maintenance costs while improving reliability of the pump station.

Section 3 **Capital Costs**

Activity	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	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 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Total							

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

Funding Source(s)	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
System Development Fees	250,000	0	0	0	0	0	250,000
Total	250,000	0	0	0	0	0	250,000

Section 6 **Section 7**

Maps / Charts / Tables / Pictures

Comments for Other Depts.



City of Concord, North Carolina

Fiscal Year 2020-21 through 2024-25 Capital Improvement Plan

Section 1	CIP Title	Union StreetScape - Water				Budget Unit #	8700		
Budget Unit	Water Projects	Functional Area	Water			Priority Rank	5		
Total CIP Cost	Total Appropriations to date	Budget Year 1 FY2020-21	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP	
			Year 2 FY2021-22	Year 3 FY2022-23	Year 4 FY2023-24	Year 5 FY2024-25		<input type="checkbox"/> New <input checked="" type="checkbox"/> Replacement <input type="checkbox"/> Land/ROW Acq. Required	<input type="checkbox"/> Expansion <input type="checkbox"/> Renovation
878,000	0	878,000	0	0	0	0	878,000		

Section 2 Description

This project will consist of replacing water lines and valves, water services, and other water infrastructure along Union Street for the purposes of completing the proposed Union StreetScape project.

History, Status, or Impact if Delayed

Justification or Link to City Goals

The project will involve replacing old and outdated water infrastructure (i.e. lines, valves, services) with new water infrastructure in order to fit the proposed footprint of the Union StreetScape project.

Section 3 Capital Costs

Activity	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Design & Construction	878,000	0	0	0	0	0	878,000
Total Capital Cost	878,000	0	0	0	0	0	878,000

Section 4 New or Additional Impact on Operating Budget

Type of Expenditure	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
---------------------	------------	------------	------------	------------	------------	-------------	-------

Total

Section 5 Method(s) of Financing

Funding Source(s)	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Transfer From Water	878,000	0	0	0	0	0	878,000
Total	878,000	0	0	0	0	0	878,000

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



City of Concord, North Carolina

Fiscal Year 2020-21 through 2024-25 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	6	
Total CIP Cost	Total Appropriations to date	Budget Year 1 FY2020-21	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP
			Year 2 FY2021-22	Year 3 FY2022-23	Year 4 FY2023-24	Year 5 FY2024-25		<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
750,000	0	750,000	0	0	0	0	750,000	

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 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Construction	590,000	0	0	0	0	0	590,000
Design & R/W	160,000	0	0	0	0	0	160,000
Total Capital Cost	750,000	0	0	0	0	0	750,000

Section 4 New or Additional Impact on Operating Budget

Type of Expenditure	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Total							

Section 5 Method(s) of Financing

Funding Source(s)	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
System Development Fees	750,000	0	0	0	0	0	750,000
Total	750,000	0	0	0	0	0	750,000

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



City of Concord, North Carolina

Fiscal Year 2020-21 through 2024-25 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	7	
Total CIP Cost	Total Appropriations to date	Budget Year 1 FY2020-21	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP
			Year 2 FY2021-22	Year 3 FY2022-23	Year 4 FY2023-24	Year 5 FY2024-25		<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	64,000	436,000	0	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 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Construction	0	436,000	0	0	0	0	436,000
Design & R/W Acquisition	64,000	0	0	0	0	0	64,000
Total Capital Cost	64,000	436,000	0	0	0	0	500,000

Section 4 New or Additional Impact on Operating Budget

Type of Expenditure	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
---------------------	------------	------------	------------	------------	------------	-------------	-------

Total

Section 5 Method(s) of Financing

Funding Source(s)	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
System Development Fees	64,000	436,000	0	0	0	0	500,000
Total	64,000	436,000	0	0	0	0	500,000

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



City of Concord, North Carolina

Fiscal Year 2020-21 through 2024-25 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	8		
Total CIP Cost	Total Appropriations to date	Budget Year 1 FY2020-21	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP	
			Year 2 FY2021-22	Year 3 FY2022-23	Year 4 FY2023-24	Year 5 FY2024-25		<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		
618,000	0	100,000	518,000	0	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 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Construction	0	518,000	0	0	0	0	518,000
Design & R/W Acquisition	100,000	0	0	0	0	0	100,000
Total Capital Cost	100,000	518,000	0	0	0	0	618,000

Section 4 New or Additional Impact on Operating Budget

Type of Expenditure	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
---------------------	------------	------------	------------	------------	------------	-------------	-------

Total

Section 5 Method(s) of Financing

Funding Source(s)	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
System Development Fees	100,000	518,000	0	0	0	0	618,000
Total	100,000	518,000	0	0	0	0	618,000

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



City of Concord, North Carolina

Fiscal Year 2020-21 through 2024-25 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	9	
Total CIP Cost	Total Appropriations to date	Budget Year 1 FY2020-21	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP
			Year 2 FY2021-22	Year 3 FY2022-23	Year 4 FY2023-24	Year 5 FY2024-25		<input type="checkbox"/> New <input type="checkbox"/> Replacement <input checked="" type="checkbox"/> Land/ROW Acq. Required <input type="checkbox"/> Expansion <input type="checkbox"/> Renovation
7,000,000	0	100,000	900,000	6,000,000	0	0	7,000,000	

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 WTP.

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 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Construction	0	0	6,000,000	0	0	0	6,000,000
Design	0	900,000	0	0	0	0	900,000
Study	100,000	0	0	0	0	0	100,000
Total Capital Cost	100,000	900,000	6,000,000	0	0	0	7,000,000

Section 4 New or Additional Impact on Operating Budget

Type of Expenditure	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Total							

Section 5 Method(s) of Financing

Funding Source(s)	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Future Projects From CIP	90,000	0	0	0	0	0	90,000
Transfer From Water	10,000	900,000	6,000,000	0	0	0	6,910,000
Total	100,000	900,000	6,000,000	0	0	0	7,000,000

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



City of Concord, North Carolina

Fiscal Year 2020-21 through 2024-25 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	10		
Total CIP Cost	Total Appropriations to date	Budget Year 1 FY2020-21	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP	
			Year 2 FY2021-22	Year 3 FY2022-23	Year 4 FY2023-24	Year 5 FY2024-25		<input type="checkbox"/> New	<input type="checkbox"/> Expansion
			<input type="checkbox"/> Replacement	<input type="checkbox"/> Renovation					
			<input type="checkbox"/> Land/ROW Acq. Required						
2,200,000	0	200,000	0	1,000,000	1,000,000	0	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 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Construction	0	0	1,000,000	1,000,000	0	0	2,000,000
Design	200,000	0	0	0	0	0	200,000
Total Capital Cost	200,000	0	1,000,000	1,000,000	0	0	2,200,000

Section 4 New or Additional Impact on Operating Budget

Type of Expenditure	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
---------------------	------------	------------	------------	------------	------------	-------------	-------

Total

Section 5 Method(s) of Financing

Funding Source(s)	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Future Projects From CIP	200,000	0	1,000,000	1,000,000	0	0	2,200,000
Transfer from Water	0	0	0	0	0	0	0
Total	200,000	0	1,000,000	1,000,000	0	0	2,200,000

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



City of Concord, North Carolina

Fiscal Year 2020-21 through 2024-25 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	11		
Total CIP Cost	Total Appropriations to date	Budget Year 1 FY2020-21	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP	
			Year 2 FY2021-22	Year 3 FY2022-23	Year 4 FY2023-24	Year 5 FY2024-25		<input type="checkbox"/> New	<input type="checkbox"/> Expansion
			<input type="checkbox"/> Replacement	<input type="checkbox"/> Renovation			<input type="checkbox"/> Land/ROW Acq. Required		
4,400,000	0	400,000	0	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 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total	
Construction	0	0	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	4,000,000
Design	400,000	0	0	0	0	0	400,000	
Total Capital Cost	400,000	0	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 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Total							

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

Funding Source(s)	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Future Projects from CIP	400,000	0	0	0	0	0	400,000
Transfer from Water	0	0	1,000,000	1,000,000	1,000,000	1,000,000	4,000,000
Total	400,000	0	1,000,000	1,000,000	1,000,000	1,000,000	4,400,000

Section 6 **Section 7**

Maps / Charts / Tables / Pictures

Comments for Other Depts.



City of Concord, North Carolina

Fiscal Year 2020-21 through 2024-25 Capital Improvement Plan

Section 1	CIP Title	GAC Contactors at Hillgrove WTP				Budget Unit #	8700		
Budget Unit	Water Projects	Functional Area	Water			Priority Rank	12		
Total CIP Cost	Total Appropriations to date	Budget Year 1 FY2020-21	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP	
			Year 2 FY2021-22	Year 3 FY2022-23	Year 4 FY2023-24	Year 5 FY2024-25		<input checked="" type="checkbox"/> New	<input type="checkbox"/> Expansion
							<input type="checkbox"/> Replacement	<input type="checkbox"/> Renovation	
							<input type="checkbox"/> Land/ROW Acq. Required		
5,775,000	775,000	0	5,000,000	0	0	0	5,000,000		

Section 2 **Description**

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

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 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Construction	0	5,000,000	0	0	0	0	5,000,000
Total Capital Cost	0	5,000,000	0	0	0	0	5,000,000

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

Type of Expenditure	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Total							

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

Funding Source(s)	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Bond Proceeds	0	5,000,000	0	0	0	0	5,000,000
Total	0	5,000,000	0	0	0	0	5,000,000

Section 6 **Section 7**

Maps / Charts / Tables / Pictures

Comments for Other Depts.



City of Concord, North Carolina

Fiscal Year 2020-21 through 2024-25 Capital Improvement Plan

Section 1	CIP Title	Hillgrove WTP Settling Basin Improvements				Budget Unit #	8700	
Budget Unit	Water Projects	Functional Area	Water			Priority Rank	13	
Total CIP Cost	Total Appropriations to date	Budget Year 1 FY2020-21	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP
			Year 2 FY2021-22	Year 3 FY2022-23	Year 4 FY2023-24	Year 5 FY2024-25		<input type="checkbox"/> New <input type="checkbox"/> Replacement <input checked="" type="checkbox"/> Land/ROW Acq. Required <input type="checkbox"/> Expansion <input type="checkbox"/> Renovation
4,050,000	300,000	0	3,750,000	0	0	0	3,750,000	

Section 2 **Description**

This project is to replace failing tube settlers at Hillgrove WTP.

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 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Construction - Building/Utility	0	3,750,000	0	0	0	0	3,750,000
Total Capital Cost	0	3,750,000	0	0	0	0	3,750,000

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

Type of Expenditure	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Total							

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

Funding Source(s)	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Bond Proceeds	0	3,750,000	0	0	0	0	3,750,000
Total	0	3,750,000	0	0	0	0	3,750,000

Section 6 **Section 7**

Maps / Charts / Tables / Pictures

Comments for Other Depts.



City of Concord, North Carolina

Fiscal Year 2020-21 through 2024-25 Capital Improvement Plan

Section 1	CIP Title	NC Highway 49 24" Water Line Extension - Stough Road to General Services Drive				Budget Unit #	8700		
Budget Unit	Water Projects	Functional Area	Water			Priority Rank	14		
Total CIP Cost	Total Appropriations to date	Budget Year 1 FY2020-21	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP	
			Year 2 FY2021-22	Year 3 FY2022-23	Year 4 FY2023-24	Year 5 FY2024-25		<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		
7,267,250	900,000	0	6,367,250	0	0	0	6,367,250		

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 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Construction	0	6,288,000	0	0	0	0	6,288,000
Fiber installation	0	79,250	0	0	0	0	79,250
Total Capital Cost	0	6,367,250	0	0	0	0	6,367,250

Section 4 New or Additional Impact on Operating Budget

Type of Expenditure	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
---------------------	------------	------------	------------	------------	------------	-------------	-------

Total

Section 5 Method(s) of Financing

Funding Source(s)	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Bond Proceeds	0	6,288,000	0	0	0	0	6,288,000
Bond Proceeds (additional amount for Fiber)	0	79,250	0	0	0	0	79,250
Total	0	6,367,250	0	0	0	0	6,367,250

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



City of Concord, North Carolina

Fiscal Year 2020-21 through 2024-25 Capital Improvement Plan

Section 1	CIP Title	Union Cemetery Road Realignment				Budget Unit #	8700		
Budget Unit	Water Projects	Functional Area	Water			Priority Rank	15		
Total CIP Cost	Total Appropriations to date	Budget Year 1 FY2020-21	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP	
			Year 2 FY2021-22	Year 3 FY2022-23	Year 4 FY2023-24	Year 5 FY2024-25		<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	30,000	0	300,000	0	0	0	300,000		

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 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Construction	0	300,000	0	0	0	0	300,000
Total Capital Cost	0	300,000	0	0	0	0	300,000

Section 4	New or Additional Impact on Operating Budget						
Type of Expenditure	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Total							

Section 5	Method(s) of Financing						
Funding Source(s)	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Transfer from Water	0	300,000	0	0	0	0	300,000
Total	0	300,000	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 2020-21 through 2024-25 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	16	
Total CIP Cost	Total Appropriations to date	Budget Year 1 FY2020-21	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP
			Year 2 FY2021-22	Year 3 FY2022-23	Year 4 FY2023-24	Year 5 FY2024-25		<input type="checkbox"/> New <input checked="" type="checkbox"/> Replacement <input type="checkbox"/> Land/ROW Acq. Required <input type="checkbox"/> Expansion <input type="checkbox"/> Renovation
520,000	20,000	0	500,000	0	0	0	500,000	

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 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Construction	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 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Total							

Section 5	Method(s) of Financing						
Funding Source(s)	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Transfer From Water	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.
------------------	-----------------------------------	------------------	---------------------------



City of Concord, North Carolina

Fiscal Year 2020-21 through 2024-25 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	17
Total CIP Cost	Total Appropriations to date	Budget Year 1 FY2020-21	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP
			Year 2 FY2021-22	Year 3 FY2022-23	Year 4 FY2023-24	Year 5 FY2024-25		
3,450,000	0	0	0	575,000	2,875,000	0	3,450,000	

<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 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 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Construction	0	0	0	2,875,000	0	0	2,875,000
Design	0	0	575,000	0	0	0	575,000
Total Capital Cost	0	0	575,000	2,875,000	0	0	3,450,000

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

Type of Expenditure	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
---------------------	------------	------------	------------	------------	------------	-------------	-------

Total

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

Funding Source(s)	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Transfer From Water	0	0	575,000	2,875,000	0	0	3,450,000
Total	0	0	575,000	2,875,000	0	0	3,450,000

Section 6 **Section 7**

Maps / Charts / Tables / Pictures

Comments for Other Depts.



City of Concord, North Carolina

Fiscal Year 2020-21 through 2024-25 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	18
Total CIP Cost	Total Appropriations to date	Budget Year 1 FY2020-21	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP
			Year 2 FY2021-22	Year 3 FY2022-23	Year 4 FY2023-24	Year 5 FY2024-25		<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
1,380,000	0	0	0	230,000	1,150,000	0	1,380,000	

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 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Design, R/W & Construction	0	0	230,000	1,150,000	0	0	1,380,000
Total Capital Cost	0	0	230,000	1,150,000	0	0	1,380,000

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

Type of Expenditure	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Total							

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

Funding Source(s)	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Transfer From Water	0	0	230,000	1,150,000	0	0	1,380,000
Total	0	0	230,000	1,150,000	0	0	1,380,000

Section 6 **Section 7**

Maps / Charts / Tables / Pictures

Comments for Other Depts.



City of Concord, North Carolina

Fiscal Year 2020-21 through 2024-25 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	19		
Total CIP Cost	Total Appropriations to date	Budget Year 1 FY2020-21	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP	
			Year 2 FY2021-22	Year 3 FY2022-23	Year 4 FY2023-24	Year 5 FY2024-25		<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		
1,683,000	0	0	0	281,000	1,402,000	0	1,683,000		

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 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Design, R/W & Construction	0	0	281,000	1,402,000	0	0	1,683,000
Total Capital Cost	0	0	281,000	1,402,000	0	0	1,683,000

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

Type of Expenditure	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Total							

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

Funding Source(s)	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Transfer From Water	0	0	281,000	1,402,000	0	0	1,683,000
Total	0	0	281,000	1,402,000	0	0	1,683,000

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



City of Concord, North Carolina

Fiscal Year 2020-21 through 2024-25 Capital Improvement Plan

Section 1	CIP Title	US Highway 601 Control Vault				Budget Unit #	8700		
Budget Unit	Water Projects	Functional Area	Water			Priority Rank	20		
Total CIP Cost	Total Appropriations to date	Budget Year 1 FY2020-21	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP	
			Year 2 FY2021-22	Year 3 FY2022-23	Year 4 FY2023-24	Year 5 FY2024-25		<input checked="" type="checkbox"/> New	<input type="checkbox"/> Expansion
							<input type="checkbox"/> Replacement	<input type="checkbox"/> Renovation	
							<input type="checkbox"/> Land/ROW Acq. Required		
156,000	0	0	0	156,000	0	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 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Design & Construction	0	0	156,000	0	0	0	156,000
Total Capital Cost	0	0	156,000	0	0	0	156,000

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

Type of Expenditure	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
---------------------	------------	------------	------------	------------	------------	-------------	-------

Total

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

Funding Source(s)	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Transfer From Water	0	0	156,000	0	0	0	156,000
Total	0	0	156,000	0	0	0	156,000

Section 6 **Section 7**

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



City of Concord, North Carolina

Fiscal Year 2020-21 through 2024-25 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	21		
Total CIP Cost	Total Appropriations to date	Budget Year 1 FY2020-21	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP	
			Year 2 FY2021-22	Year 3 FY2022-23	Year 4 FY2023-24	Year 5 FY2024-25		<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		
5,297,000	0	0	0	0	883,000	4,414,000	5,297,000		

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 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Design, R/W & Construction	0	0	0	883,000	4,414,000	0	5,297,000
Total Capital Cost	0	0	0	883,000	4,414,000	0	5,297,000

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

Type of Expenditure	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Total							

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

Funding Source(s)	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Transfer From Water	0	0	0	883,000	4,414,000	0	5,297,000
Total	0	0	0	883,000	4,414,000	0	5,297,000

Section 6 **Section 7** **Comments for Other Depts.**

Maps / Charts / Tables / Pictures

City of Concord, North Carolina

Fiscal Year 2020-21 through 2024-25 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	22		
Total CIP Cost	Total Appropriations to date	Budget Year 1 FY2020-21	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP	
			Year 2 FY2021-22	Year 3 FY2022-23	Year 4 FY2023-24	Year 5 FY2024-25		<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		
1,376,000	0	0	0	0	230,000	1,146,000	1,376,000		

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 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Design, R/W & Construction	0	0	0	230,000	1,146,000	0	1,376,000
Total Capital Cost	0	0	0	230,000	1,146,000	0	1,376,000

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

Type of Expenditure	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Total							

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

Funding Source(s)	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Transfer From Water	0	0	0	230,000	1,146,000	0	1,376,000
Total	0	0	0	230,000	1,146,000	0	1,376,000

Section 6 **Section 7**

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

City of Concord, North Carolina

Fiscal Year 2020-21 through 2024-25 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	23		
Total CIP Cost	Total Appropriations to date	Budget Year 1 FY2020-21	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP	
			Year 2 FY2021-22	Year 3 FY2022-23	Year 4 FY2023-24	Year 5 FY2024-25		<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		
2,078,000	0	0	0	0	347,000	1,731,000	2,078,000		

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 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Design, R/W & Construction	0	0	0	347,000	1,731,000	0	2,078,000
Total Capital Cost	0	0	0	347,000	1,731,000	0	2,078,000

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

Type of Expenditure	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
---------------------	------------	------------	------------	------------	------------	-------------	-------

Total

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

Funding Source(s)	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Transfer From Water	0	0	0	347,000	1,731,000	0	2,078,000
Total	0	0	0	347,000	1,731,000	0	2,078,000

Section 6 **Section 7** **Comments for Other Depts.**

Maps / Charts / Tables / Pictures

City of Concord, North Carolina

Fiscal Year 2020-21 through 2024-25 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	24		
Total CIP Cost	Total Appropriations to date	Budget Year 1 FY2020-21	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP	
			Year 2 FY2021-22	Year 3 FY2022-23	Year 4 FY2023-24	Year 5 FY2024-25		<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	300,000	3,000,000	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 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Design & Construction	0	0	0	300,000	3,000,000	0	3,300,000
Total Capital Cost	0	0	0	300,000	3,000,000	0	3,300,000

Section 4	New or Additional Impact on Operating Budget						
Type of Expenditure	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Total							

Section 5	Method(s) of Financing						
Funding Source(s)	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Transfer From Water	0	0	0	300,000	3,000,000	0	3,300,000
Total	0	0	0	300,000	3,000,000	0	3,300,000

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

City of Concord, North Carolina

Fiscal Year 2020-21 through 2024-25 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	25		
Total CIP Cost	Total Appropriations to date	Budget Year 1 FY2020-21	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP	
			Year 2 FY2021-22	Year 3 FY2022-23	Year 4 FY2023-24	Year 5 FY2024-25		<input type="checkbox"/> New <input checked="" type="checkbox"/> Replacement <input type="checkbox"/> Land/ROW Acq. Required	<input type="checkbox"/> Expansion <input type="checkbox"/> Renovation
1,100,000	0	0	0	0	100,000	1,000,000	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 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Design & Construction	0	0	0	100,000	1,000,000	0	1,100,000
Total Capital Cost	0	0	0	100,000	1,000,000	0	1,100,000

Section 4 New or Additional Impact on Operating Budget

Type of Expenditure	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
---------------------	------------	------------	------------	------------	------------	-------------	-------

Total

Section 5 Method(s) of Financing

Funding Source(s)	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Transfer From Water	0	0	0	100,000	1,000,000	0	1,100,000
Total	0	0	0	100,000	1,000,000	0	1,100,000

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

City of Concord, North Carolina

Fiscal Year 2020-21 through 2024-25 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	26	
Total CIP Cost	Total Appropriations to date	Budget Year 1 FY2020-21	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP
			Year 2 FY2021-22	Year 3 FY2022-23	Year 4 FY2023-24	Year 5 FY2024-25		<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
3,311,000	0	0	0	0	0	552,000	3,311,000	

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 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Design, R/W & Construction	0	0	0	0	552,000	2,759,000	3,311,000
Total Capital Cost	0	0	0	0	552,000	2,759,000	3,311,000

Section 4 New or Additional Impact on Operating Budget

Type of Expenditure	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
---------------------	------------	------------	------------	------------	------------	-------------	-------

Total

Section 5 Method(s) of Financing

Funding Source(s)	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Transfer From Water	0	0	0	0	552,000	2,759,000	3,311,000
Total	0	0	0	0	552,000	2,759,000	3,311,000

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

City of Concord, North Carolina

Fiscal Year 2020-21 through 2024-25 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	27	
Total CIP Cost	Total Appropriations to date	Budget Year 1 FY2020-21	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP
			Year 2 FY2021-22	Year 3 FY2022-23	Year 4 FY2023-24	Year 5 FY2024-25		<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
8,133,000	0	0	0	0	0	1,356,000	8,133,000	

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 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Design, R/W & Construction	0	0	0	0	1,356,000	6,777,000	8,133,000
Total Capital Cost	0	0	0	0	1,356,000	6,777,000	8,133,000

Section 4 New or Additional Impact on Operating Budget

Type of Expenditure	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
---------------------	------------	------------	------------	------------	------------	-------------	-------

Total

Section 5 Method(s) of Financing

Funding Source(s)	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Transfer From Water	0	0	0	0	1,356,000	6,777,000	8,133,000
Total	0	0	0	0	1,356,000	6,777,000	8,133,000

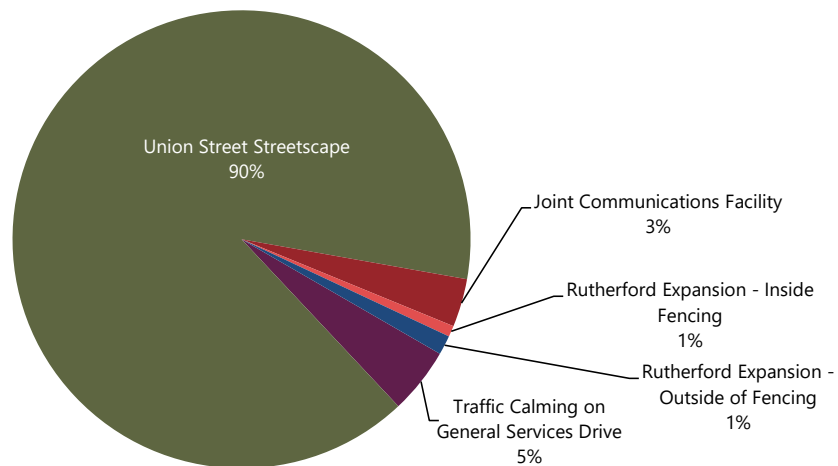
Section 6 Maps / Charts / Tables / Pictures **Section 7** Comments for Other Depts.

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.

	2020-2021 Approved	2021-2022 Planning Yr.	2022-2023 Planning Yr.	2023-2024 Planning Yr.	2024-2025 Planning Yr.	Future Planning Yr.
Expenses By Project						
Equipment Shed	\$ -	\$ -	\$ -	\$ 2,400,000	\$ -	\$ -
Operations Center Parking and BMP Improvements	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 160,000
Fleet Services Facility	\$ -	\$ -	\$ -	\$ 780,000	\$ 11,920,000	\$ -
Traffic Calming on General Services Drive	\$ 171,460	\$ -	\$ -	\$ -	\$ -	\$ -
Union Street Streetscape	\$ 3,300,500	\$ -	\$ -	\$ -	\$ -	\$ -
Joint Communications Facility	\$ 125,000	\$ 4,227,299	\$ -	\$ -	\$ -	\$ -
Rutherford Expansion - Inside Fencing	\$ 28,640	\$ -	\$ -	\$ -	\$ -	\$ -
Rutherford Expansion -Outside of Fencing	\$ 50,000	\$ -	\$ -	\$ -	\$ -	\$ 700,000
West Concord Master Plan - 6.3 Acres	\$ -	\$ 50,000	\$ -	\$ -	\$ -	\$ 900,000
Renovate Charlie District Police Substation	\$ -	\$ -	\$ 287,041	\$ -	\$ -	\$ -
Fiber Network Extension	\$ -	\$ 250,000	\$ 250,000	\$ 250,000	\$ -	\$ -
Total	\$ 3,675,600	\$ 4,527,299	\$ 537,041	\$ 3,430,000	\$ 11,920,000	\$ 1,760,000

FY 2021 General Capital Projects



	2020-2021 Approved	2021-2022 Planning Yr.	2022-2023 Planning Yr.	2023-2024 Planning Yr.	2024-2025 Planning Yr.	Future Planning Yr.
Revenues by Funding Source						
Transfer From Gen Cap Resrv	\$ 3,389,140	\$ 4,150,000	\$ 151,575	\$ 2,400,000	\$ -	\$ 700,000
Operating Revenues	\$ -	\$ 77,299	\$ 135,466	\$ -	\$ -	\$ -
Transfer From Gen Fund	\$ -	\$ 242,300	\$ 192,300	\$ 192,300	\$ -	\$ 1,060,000
Financing Proceeds	\$ -	\$ -	\$ -	\$ 780,000	\$ 11,920,000	\$ -
Transfer From Stormwater	\$ -	\$ 5,200	\$ 5,200	\$ 5,200	\$ -	\$ -
Transfer From Aviation	\$ -	\$ 10,650	\$ 10,650	\$ 10,650	\$ -	\$ -
Transfer From Electric	\$ -	\$ 19,500	\$ 19,500	\$ 19,500	\$ -	\$ -
Transfer From Sewer	\$ -	\$ 7,025	\$ 7,025	\$ 7,025	\$ -	\$ -
Transfer From Water	\$ -	\$ 15,325	\$ 15,325	\$ 15,325	\$ -	\$ -
Future Project Reserves	\$ 286,460	\$ -	\$ -	\$ -	\$ -	\$ -
Total	\$ 3,675,600	\$ 4,527,299	\$ 537,041	\$ 3,430,000	\$ 11,920,000	\$ 1,760,000

City of Concord, North Carolina

Fiscal Year 2020-21 through 2024-25 Capital Improvement Plan

Section 1	CIP Title	Equipment Shed				Budget Unit #	8800		
Budget Unit	BOC Admin Projects		Functional Area	General Capital		Priority Rank	1		
Total CIP Cost	Total Appropriations to date	Budget Year 1 FY2020-21	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP	
			Year 2 FY2021-22	Year 3 FY2022-23	Year 4 FY2023-24	Year 5 FY2024-25		<input checked="" type="checkbox"/> New	<input type="checkbox"/> Expansion
							<input type="checkbox"/> Replacement	<input type="checkbox"/> Renovation	
							<input type="checkbox"/> Land/ROW Acq. Required		
2,400,000	0	0	0	0	2,400,000	0	2,400,000		

Section 2 Description

Construct a new equipment shed following Alfred M. Brown Operations Center Master Plan. To be used by Solid Waste if services are brought in-house.

History, Status, or Impact if Delayed

Justification or Link to City Goals

Section 3 Capital Costs

Activity	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Construction	0	0	0	2,400,000	0	0	2,400,000
Total Capital Cost	0	0	0	2,400,000	0	0	2,400,000

Section 4 New or Additional Impact on Operating Budget

Type of Expenditure	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
---------------------	------------	------------	------------	------------	------------	-------------	-------

Total

Section 5 Method(s) of Financing

Funding Source(s)	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Capital Reserve	0	0	0	2,400,000	0	0	2,400,000
Total	0	0	0	2,400,000	0	0	2,400,000

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

City of Concord, North Carolina

Fiscal Year 2020-21 through 2024-25 Capital Improvement Plan

Section 1	CIP Title	Operations Center Parking and BMP Improvements				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 FY2020-21	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP	
			Year 2 FY2021-22	Year 3 FY2022-23	Year 4 FY2023-24	Year 5 FY2024-25		<input type="checkbox"/> New	<input checked="" type="checkbox"/> Expansion
			<input type="checkbox"/> Replacement	<input type="checkbox"/> Renovation					
			<input type="checkbox"/> Land/ROW Acq. Required						
654,648	494,648	0	0	0	0	0	160,000		

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 vehicles.

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 spaces and add 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 in and out of the parking lot.

Section 3 **Capital Costs**

Activity	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Clear/Grade/Site Prep	0	0	0	0	0	160,000	160,000
Total Capital Cost	0	0	0	0	0	160,000	160,000

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

Type of Expenditure	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Total							

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

Funding Source(s)	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Transfer from General Fund	0	0	0	0	0	160,000	160,000
Total	0	0	0	0	0	160,000	160,000

Section 6 **Section 7** **Comments for Other Depts.**

Maps / Charts / Tables / Pictures

City of Concord, North Carolina

Fiscal Year 2020-21 through 2024-25 Capital Improvement Plan

Section 1	CIP Title	Fleet Services Facility				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 FY2020-21	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP	
			Year 2 FY2021-22	Year 3 FY2022-23	Year 4 FY2023-24	Year 5 FY2024-25		<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	780,000	11,920,000	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. This project also includes an additional service road, fuel facility (diesel, CNG, and 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 expanded. Adverse impacts include: increased fleet downtime, which impacts all departments' ability to perform their jobs efficiently; 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. Then 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 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Clear/Grade/Site Prep	0	0	0	0	3,140,000	0	3,140,000
Construction	0	0	0	0	6,860,000	0	6,860,000
Engineering/Architectural Services	0	0	0	600,000	120,000	0	720,000
Heavy Equipment/Apparatus	0	0	0	0	1,300,000	0	1,300,000
Light Equip/Furniture	0	0	0	0	500,000	0	500,000
Preliminary Design	0	0	0	180,000	0	0	180,000
Total Capital Cost	0	0	0	780,000	11,920,000	0	12,700,000

Section 4 New or Additional Impact on Operating Budget

Type of Expenditure	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Total							

Section 5 Method(s) of Financing

Funding Source(s)	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Debt Financing	0	0	0	780,000	11,920,000	0	12,700,000
Total	0	0	0	780,000	11,920,000	0	12,700,000

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

City of Concord, North Carolina

Fiscal Year 2020-21 through 2024-25 Capital Improvement Plan

Section 1	CIP Title	Traffic Calming on General Services Drive				Budget Unit #	8800		
Budget Unit	BOC Admin Projects		Functional Area	Transportation		Priority Rank	4		
Total CIP Cost	Total Appropriations to date	Budget Year 1 FY2020-21	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP	
			Year 2 FY2021-22	Year 3 FY2022-23	Year 4 FY2023-24	Year 5 FY2024-25		<input checked="" type="checkbox"/> New	<input type="checkbox"/> Expansion
			<input type="checkbox"/> Replacement	<input type="checkbox"/> Renovation					
			<input type="checkbox"/> Land/ROW Acq. Required						
271,460	100,000	171,460	0	0	0	0	171,460		

Section 2 **Description**

This project is for the installation of a roundabout on Alfred Brown Jr. Ct. SW heading to the BOC facilities adjacent to the Wellness Center drive entrance.

History, Status, or Impact if Delayed

The conceptual design is now complete.

Justification or Link to City Goals

This would provide an aesthetically pleasing entrance to the BOC while forcing employees/guest to slow their vehicular speed prior to reaching the BOC front gate and provide a place to turn around for vehicles not intending to visit the BOC.

Section 3 **Capital Costs**

Activity	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Construction	171,460	0	0	0	0	0	171,460
Total Capital Cost	171,460	0	0	0	0	0	171,460

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

Type of Expenditure	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Total							

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

Funding Source(s)	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Future Projects Reserves	171,460	0	0	0	0	0	171,460
Total	171,460	0	0	0	0	0	171,460

Section 6 **Section 7** **Comments for Other Depts.**

Maps / Charts / Tables / Pictures

We will need input from Engineering and Transportation.

City of Concord, North Carolina

Fiscal Year 2020-21 through 2024-25 Capital Improvement Plan

Section 1	CIP Title	Union 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 FY2020-21	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP	
			Year 2 FY2021-22	Year 3 FY2022-23	Year 4 FY2023-24	Year 5 FY2024-25		<input type="checkbox"/> New	<input type="checkbox"/> Expansion
			<input type="checkbox"/> Replacement	<input checked="" type="checkbox"/> Renovation					
			<input type="checkbox"/> Land/ROW Acq. Required						
3,800,500	500,000	3,300,500	0	0	0	0	3,300,500		

Section 2 **Description**

This project consists of new sidewalks with curbs, gutters, and curb ramps; new street trees and landscaping including irrigation and soil cell system; new signage and sidewalk furnishings; new road construction including new road striping; updates to the infrastructure including a new main water line, new electrical line servicing the street lights/power, and new stormwater improvements; and 24 new smart light poles. The area of work is defined between Killarney Ave. and just below Corban Ave. on Union Street near Rotary Square. Repaving and road striping on Barbrick Ave. is also included.

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 design option was approved by City Council in October 2019 with full design to be completed in Fall 2020. 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 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Construction & Lighting Equipment	3,300,500	0	0	0	0	0	3,300,500
Total Capital Cost	3,300,500	0	0	0	0	0	3,300,500

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

Type of Expenditure	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Total							

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

Funding Source(s)	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Transfer from Capital Reserve	3,300,500	0	0	0	0	0	3,300,500
Total	3,300,500	0	0	0	0	0	3,300,500

Section 6 **Section 7**

Maps / Charts / Tables / Pictures

Comments for Other Depts.



City of Concord, North Carolina

Fiscal Year 2020-21 through 2024-25 Capital Improvement Plan

Section 1	CIP Title	Joint Communications Facility				Budget Unit #	8804		
Budget Unit	General Projects	Functional Area				Priority Rank	2		
Total CIP Cost	Total Appropriations to date	Budget Year 1 FY2020-21	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP	
			Year 2 FY2021-22	Year 3 FY2022-23	Year 4 FY2023-24	Year 5 FY2024-25		<input checked="" type="checkbox"/> New	<input type="checkbox"/> Expansion
			<input type="checkbox"/> Replacement	<input type="checkbox"/> Renovation			<input type="checkbox"/> Land/ROW Acq. Required		
4,352,299	0	125,000	4,227,299	0	0	0	4,352,299		

Section 2 **Description**

Currently, the Communications Center is located on the backside of Fire Station #3 and utilizes 3,285 sq ft. of the facility. The Radio Shop is located on the backside of Fire Station #7. The growing departmental needs are no longer being met at either location. This project would allow both the Communications Center and Radio Shop to be located at Fire Station #3. Fire Administration, which has also outgrown their space, will construct new offices at the Joint Training Facility, allowing Communications to take possession and remodel the Fire Administration side of Fire Station #3. The existing training tower would be removed and a new Radio Shop facility with additional bays would be constructed in its place.

Communications would have approximately 8,589 sq ft within the existing Fire Station #3 to remodel to meet the growing departmental needs and the Radio Shop would be housed in a newly constructed facility, approximately 8,100 square feet, on the same site. Design could begin fiscal year 2021 and construction/remodel in fiscal year 2022.

History, Status, or Impact if Delayed

Since 2002, the Radio Shop has been located on the backside of Concord Fire Station #7 and includes one single-sided bay, two offices for the Communications Director and Communications Shop Manager, a tech room which contains three technician desks and two workbenches, a break room, storage closet, and mezzanine. The single bay is large enough to hold either two sedans/SUVs or one large utility vehicle, Rider bus or fire apparatus. The bay is lined on one side with work benches and tools and the other side is lined with shelving to hold installation inventory. The overflow of inventory is placed along the wall in the adjoining fire apparatus bay and staff is researching a storage pod to alleviate the inventory overflow. The number of fleet installations the Radio Shop is handling each year is increasing. Staff truly needs a minimum of two bays, ideally three, additional storage area, and a larger technician workroom.

Justification or Link to City Goals

Both divisions within the Communications department are in need of a larger, co-located facility. A centralized location for both divisions would allow the administrative team to be housed in a single location and eliminate travel time between the two fire stations. The Communications Center has been in its current location since 1996. The only growth in the past 23 years has been the addition of a console and smaller work spaces for race event communications. The department is in need of additional office space and has nowhere to acquire that space at the current location. Shift supervisors are sharing an office with the administrative assistant which has logistical challenges. As the department continues to grow, the need for an additional administrative/training coordinator has been identified but due to the lack of additional workspace, this position has not been requested. The Communications Center has a need for an expanded communications center with additional consoles, multiple offices, a conference room, a training room, and a "quiet"/bunk room.

Council has a goal to meet the facility, equipment and personnel needs required to meet service demands. As the Communication Center and Radio Shop expand, as do our needs for a larger facility. A co-located facility would only increase the effectiveness and level of customer service provided.

Section 3 **Capital Costs**

Activity	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
New Communication Center & Radio Shop	125,000	4,150,000	0	0	0	0	4,275,000
Total Capital Cost	125,000	4,150,000	0	0	0	0	4,275,000

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

Type of Expenditure	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Training Coordinator	0	77,299	0	0	0	0	77,299
Total	0	77,299	0	0	0	0	77,299

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

Funding Source(s)	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Capital Reserve	10,000	4,150,000	0	0	0	0	4,160,000
Future Project Reserves for Joint Community Facility	115,000	0	0	0	0	0	115,000
Operating Revenue	0	77,299	0	0	0	0	77,299
Total	125,000	4,227,299	0	0	0	0	4,352,299

Section 6 **Section 7**

Maps / Charts / Tables / Pictures

Comments for Other Depts.



City of Concord, North Carolina

Fiscal Year 2020-21 through 2024-25 Capital Improvement Plan

Section 1	CIP Title	Rutherford Expansion - Half Acre Inside Fencing				Budget Unit #	8804	
Budget Unit	General Projects	Functional Area	Cemeteries			Priority Rank	3	
Total CIP Cost	Total Appropriations to date	Budget Year 1 FY2020-21	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP
			Year 2 FY2021-22	Year 3 FY2022-23	Year 4 FY2023-24	Year 5 FY2024-25		
154,000	125,360	28,640	0	0	0	0	<input checked="" type="checkbox"/> Expansion <input type="checkbox"/> Renovation	

Section 2 Description

This project consists of developing the remaining property within the fence line at Rutherford Cemetery - Estimated additional graves - 500 Funds Currently Allocated - \$125,360 in Capital Projects account. Prior year funding of \$98,360 was from a Cemetery Trust fund. Engineering has developed a site plan for the road and additional grave sites.

History, Status, or Impact if Delayed

Additional work has been completed by engineering. We now have more detailed information and can break this project into separate CIPs. An additional \$28,640 is needed to complete these improvements, making the project total \$154,000.

Justification or Link to City Goals

500 grave sites will last approximately 9 years at current rate of use. This will allow time to master plan the remaining 10.6 acres outside the fence.

Section 3 Capital Costs

Activity	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Construct Improvements with funds already allocated in FY19/20.	28,640	0	0	0	0	0	28,640
Total Capital Cost	28,640	0	0	0	0	0	28,640

Section 4 New or Additional Impact on Operating Budget

Type of Expenditure	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
---------------------	------------	------------	------------	------------	------------	-------------	-------

Total

Section 5 Method(s) of Financing

Funding Source(s)	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Capital Reserve	28,640	0	0	0	0	0	28,640
Total	28,640	0	0	0	0	0	28,640

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



Engineering has designed work within the fence and we are ready to construct improvements.

City of Concord, North Carolina

Fiscal Year 2020-21 through 2024-25 Capital Improvement Plan

Section 1	CIP Title	Rutherford Expansion - 10.6 Acres Outside the Fence				Budget Unit #	8804		
Budget Unit	General Projects	Functional Area	Cemeteries			Priority Rank	4		
Total CIP Cost	Total Appropriations to date	Budget Year 1 FY2020-21	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP	
			Year 2 FY2021-22	Year 3 FY2022-23	Year 4 FY2023-24	Year 5 FY2024-25		<input checked="" type="checkbox"/> New	<input type="checkbox"/> Expansion
			<input type="checkbox"/> Replacement	<input type="checkbox"/> Renovation					
			<input type="checkbox"/> Land/ROW Acq. Required						
750,000	0	50,000	0	0	0	0	750,000		

Section 2 Description

Develop 10.6 acres outside the fence equaling 188,200 square feet of potential acreage, which if fully developed will yield approximately 4,000 grave sites.

Goal - to create a master plan that would allow developing property outside the fence incrementally as needed.
 Estimate of total new development - \$700,000

History, Status, or Impact if Delayed

Engineering surveyed property FY 19/20 at a cost of \$5,000; survey complete. FY 20/21 core bore and develop master plan.

Justification or Link to City Goals

Master plan needed to develop last 10.6 acres of city-owned cemetery acreage.

Section 3 Capital Costs

Activity	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
2021 Core Bore & Master Plan	50,000	0	0	0	0	0	50,000
2028 Develop First Section of Master Plan	0	0	0	0	0	700,000	700,000
Total Capital Cost	50,000	0	0	0	0	700,000	750,000

Section 4 New or Additional Impact on Operating Budget

Type of Expenditure	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Total							

Section 5 Method(s) of Financing

Funding Source(s)	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Capital Reserve	50,000	0	0	0	0	700,000	750,000
Total	50,000	0	0	0	0	700,000	750,000

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

Projected Completion Date for Master Plan - FY 21.

City of Concord, North Carolina

Fiscal Year 2020-21 through 2024-25 Capital Improvement Plan

Section 1	CIP Title	West Concord Master Plan - 6.3 Acres				Budget Unit #	8804		
Budget Unit	General Projects	Functional Area	Cemeteries			Priority Rank	5		
Total CIP Cost	Total Appropriations to date	Budget Year 1 FY2020-21	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP	
			Year 2 FY2021-22	Year 3 FY2022-23	Year 4 FY2023-24	Year 5 FY2024-25		<input type="checkbox"/> New	<input checked="" type="checkbox"/> Expansion
							<input type="checkbox"/> Replacement	<input type="checkbox"/> Renovation	
			Land/ROW Acq. Required						
990,000	40,000	0	50,000	0	0	0	950,000		

Section 2 **Description**

West Concord Cemetery to be Master Planned in order to develop remaining 6.3 acres which will yield another 6,000 grave sites. (1,000 grave sites per acre)
No funds are currently allocated to this project

Estimate to construct - \$900,000/ Forecast for FY28.

History, Status, or Impact if Delayed

Plan to Core Bore and Master Plan in FY 22.

Justification or Link to City Goals

Master planning and developing the remaining 6.3 acres at West Concord will offer roughly 6,000 more grave sites to citizens and should meet demand for many years into the future.

Section 3 **Capital Costs**

Activity	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Construct/ Develop	0	0	0	0	0	900,000	900,000
Core Bore 2022	0	50,000	0	0	0	0	50,000
Total Capital Cost	0	50,000	0	0	0	900,000	950,000

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

Type of Expenditure	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Total							

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

Funding Source(s)	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Transfer from General Fund	0	50,000	0	0	0	900,000	950,000
Total	0	50,000	0	0	0	900,000	950,000

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

Engineering will be instrumental in master planning and laying out grave sites for the remaining 6.3 acres at West Concord

City of Concord, North Carolina

Fiscal Year 2020-21 through 2024-25 Capital Improvement Plan

Section 1	CIP Title	Renovate Charlie District Police Substation				Budget Unit #	8804		
Budget Unit	General Projects	Functional Area	Public Safety			Priority Rank	6		
Total CIP Cost	Total Appropriations to date	Budget Year 1 FY2020-21	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP	
			Year 2 FY2021-22	Year 3 FY2022-23	Year 4 FY2023-24	Year 5 FY2024-25		<input type="checkbox"/> New	<input type="checkbox"/> Expansion
							<input type="checkbox"/> Replacement	<input checked="" type="checkbox"/> Renovation	
							<input type="checkbox"/> Land/ROW Acq. Required		
287,041	0	0	0	287,041	0	0	287,041		

Section 2 **Description**

Renovate the Charlie District police substation located inside Fire Station #7.

History, Status, or Impact if Delayed

The police department moved to a decentralized patrol structure 19 years ago. Charlie District resides inside a portion of Fire Station #7. Charlie District is comprised of 20 officers, 4 sergeants, and 1 captain. There is not enough space allocated to function as a police substation. Additional staff is anticipated over the next few years. Current space lacks shower facilities, lockers, equipment storage, and a breakroom. Proximity of community room to Charlie District office space means the public shares restrooms with police staff – this is unsecure and has been concerning to staff.

With the building of headquarters in 2006 (Adam and Baker District staff) and a recent remodel of the David District substation, staff assigned to Charlie District experience inequity in terms of their facility space compared to their peers. Current office space has a chronic mold issue – where mold appears to grow out from the interior of walls into the finished office space. Mold has also grown on some of the office furniture requiring staff to discard it for health and safety reasons. A remodeling of the space may be necessary to determine if what is causing the mold issue.

Justification or Link to City Goals

There is no clear or direct link to the most recent approved Council Strategic Plan. However, this substation is overdue for an upgrade; and, given the moisture and mold concerns there exists an exigent need to fix the space for employee health reasons. A basic police substation should have secure bathrooms; a changing area; showers; locker room; equipment storage; break room; and patrol briefing room with computer workstations. The current space has none of these with the exception of a small room where 1 officer can use a desktop PC for reports. Re-configuring the existing footprint to a more efficient design, taking the community room space, and remodeling the men's and women's restrooms (which would become dedicated to police staff with the removal of the community room) will provide Charlie District staff with a fully functioning police substation.

Section 3 **Capital Costs**

Activity	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Renovation to Charlie District Police Substation	0	0	151,575	0	0	0	151,575
Total Capital Cost	0	0	151,575	0	0	0	151,575

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

Type of Expenditure	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Captain's Office Furniture	0	0	6,000	0	0	0	6,000
Lockers (40@ \$731.82 each)	0	0	29,237	0	0	0	29,237
Roll call furniture, chairs, filing cabinets, conference table etc. associated with renovation.	0	0	41,317	0	0	0	41,317
Supervisor and Manager Workstations	0	0	58,912	0	0	0	58,912
Total	0	0	135,466	0	0	0	135,466

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

Funding Source(s)	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Capital Reserve	0	0	151,575	0	0	0	151,575
General Operating Revenues	0	0	135,466	0	0	0	135,466
Total	0	0	287,041	0	0	0	287,041

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

City of Concord, North Carolina

Fiscal Year 2020-21 through 2024-25 Capital Improvement Plan

Section 1	CIP Title	Fiber Network Extension					Budget Unit #	8804
Budget Unit	General Projects	Functional Area	General Capital				Priority Rank	7
Total CIP Cost	Total Appropriations to date	Budget Year 1 FY2020-21	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP
			Year 2 FY2021-22	Year 3 FY2022-23	Year 4 FY2023-24	Year 5 FY2024-25		<input type="checkbox"/> New <input type="checkbox"/> Replacement <input type="checkbox"/> Land/ROW Acq. Required
1,142,488	392,488	0	250,000	250,000	250,000	0	750,000	

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 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Construction of Fiber Lines	0	250,000	250,000	250,000	0	0	750,000
Total Capital Cost	0	250,000	250,000	250,000	0	0	750,000

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

Type of Expenditure	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Total							

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

Funding Source(s)	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Transfer from Aviation	0	10,650	10,650	10,650	0	0	31,950
Transfer from Electric	0	19,500	19,500	19,500	0	0	58,500
Transfer from Gen Fund	0	192,300	192,300	192,300	0	0	576,900
Transfer from Stormwater	0	5,200	5,200	5,200	0	0	15,600
Transfer from Wastewater	0	7,025	7,025	7,025	0	0	21,075
Transfer from Water	0	15,325	15,325	15,325	0	0	45,975
Total	0	250,000	250,000	250,000	0	0	750,000

Section 6 **Section 7**

Maps / Charts / Tables / Pictures

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.

	2020-2021 Approved	2021-2022 Planning Yr.	2022-2023 Planning Yr.	2023-2024 Planning Yr.	2024-2025 Planning Yr.	Future Planning Yr.
Expenses By Project						
Runway Widening	\$ -	\$ 6,000,000	\$ 4,000,000	\$ -	\$ -	\$ -
SDA Commercial Passenger Terminal Building Phase 2	\$ -	\$ -	\$ -	\$ 7,300,000	\$ 8,000,000	\$ -
Commercial Passenger Terminal Parking Phase 2	\$ -	\$ -	\$ -	\$ 6,000,000	\$ -	\$ -
Runway 20 EMAS	\$ -	\$ 938,676	\$ -	\$ 3,754,700	\$ -	\$ -
South Development Apron Expansion Phase 2	\$ -	\$ -	\$ 4,740,589	\$ 250,000	\$ 5,914,000	\$ -
FBO Terminal Building Rehabilitation	\$ -	\$ -	\$ -	\$ 580,000	\$ 12,800,000	\$ -
Corporate Hangar Development	\$ -	\$ 3,500,000	\$ -	\$ -	\$ -	\$ -
Myint Lane Airport Access Road	\$ -	\$ 700,000	\$ -	\$ -	\$ -	\$ -
North Apron Expansion Phase 3	\$ -	\$ 250,000	\$ 1,750,000	\$ -	\$ -	\$ -
Myint Lane Airport Apron Development	\$ -	\$ 150,000	\$ 1,200,000	\$ -	\$ -	\$ -
North Internal Service Road	\$ -	\$ -	\$ 2,149,300	\$ -	\$ -	\$ -
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	\$ -
Ivy Cline Land Acquisition	\$ -	\$ -	\$ -	\$ 3,400,000	\$ -	\$ -
Airport Helipads	\$ -	\$ -	\$ 410,000	\$ -	\$ -	\$ -
East Side Commercial Airline Terminal Area	\$ -	\$ 600,000	\$ 40,000,000	\$ -	\$ -	\$ -
New Relocated Airport Control Tower	\$ -	\$ -	\$ -	\$ -	\$ 3,500,000	\$ -
	\$ -	\$ 12,338,676	\$ 60,952,889	\$ 21,284,700	\$ 35,304,000	\$ -

	2020-2021 Approved	2021-2022 Planning Yr.	2022-2023 Planning Yr.	2023-2024 Planning Yr.	2024-2025 Planning Yr.	Future Planning Yr.
Revenues by Funding Source						
Federal Aid	\$ -	\$ 8,550,000	\$ 3,600,000	\$ -	\$ -	\$ -
Transfer From Aviation Grant	\$ -	\$ 1,730,684	\$ 2,880,116	\$ 6,643,985	\$ 1,198,100	\$ -
Proceeds	\$ -	\$ 2,057,992	\$ 25,472,773	\$ 14,060,715	\$ 21,305,900	\$ -
Other Income	\$ -	\$ -	\$ -	\$ -	\$ 6,400,000	\$ -
Transfer From Capital Projects	\$ -	\$ -	\$ -	\$ 580,000	\$ 6,400,000	\$ -
Financing Proceeds Operating Revenues	\$ -	\$ -	\$ 23,000,000	\$ -	\$ -	\$ -
	\$ -	\$ -	\$ 6,000,000	\$ -	\$ -	\$ -
Total	\$ -	\$ 12,338,676	\$ 60,952,889	\$ 21,284,700	\$ 35,304,000	\$ -



City of Concord, North Carolina

Fiscal Year 2020-21 through 2024-25 Capital Improvement Plan

Section 1	CIP Title	Runway Widening				Budget Unit #	6300		
Budget Unit	Airport Projects	Functional Area	Aviation			Priority Rank	1		
Total CIP Cost	Total Appropriations to date	Budget Year 1 FY2020-21	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP	
			Year 2 FY2021-22	Year 3 FY2022-23	Year 4 FY2023-24	Year 5 FY2024-25		<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 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	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 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Total							

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

Funding Source(s)	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	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 **Section 7**

Maps / Charts / Tables / Pictures

Comments for Other Depts.

City of Concord, North Carolina

Fiscal Year 2020-21 through 2024-25 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	2		
Total CIP Cost	Total Appropriations to date	Budget Year 1 FY2020-21	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP	
			Year 2 FY2021-22	Year 3 FY2022-23	Year 4 FY2023-24	Year 5 FY2024-25		<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	7,300,000	8,000,000	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 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Construction - Building/Utility	0	0	0	7,300,000	8,000,000	0	15,300,000
Total Capital Cost	0	0	0	7,300,000	8,000,000	0	15,300,000

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

Type of Expenditure	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Total							

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

Funding Source(s)	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Federal Grant	0	0	0	6,570,000	6,500,000	0	13,070,000
State Grant	0	0	0	365,000	750,000	0	1,115,000
Transfer from Aviation	0	0	0	365,000	750,000	0	1,115,000
Total	0	0	0	7,300,000	8,000,000	0	15,300,000

Section 6 **Section 7**

Maps / Charts / Tables / Pictures

Comments for Other Depts.

City of Concord, North Carolina

Fiscal Year 2020-21 through 2024-25 Capital Improvement Plan

Section 1	CIP Title	Commercial Passenger Terminal Parking 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 FY2020-21	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP	
			Year 2 FY2021-22	Year 3 FY2022-23	Year 4 FY2023-24	Year 5 FY2024-25		<input checked="" type="checkbox"/> New	<input type="checkbox"/> Expansion
							<input type="checkbox"/> Replacement	<input type="checkbox"/> Renovation	
							<input type="checkbox"/> Land/ROW Acq. Required		
6,000,000	0	0	0	0	6,000,000	0	6,000,000		

Section 2 Description

This project adds additional parking for the increase of flights and related increase in demand for parking. This project would be in conjunction with Phase 2 of the Commercial Terminal.

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 - both charter and scheduled service.

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 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Construction	0	0	0	6,000,000	0	0	6,000,000
Total Capital Cost	0	0	0	6,000,000	0	0	6,000,000

Section 4 New or Additional Impact on Operating Budget

Type of Expenditure	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Total							

Section 5 Method(s) of Financing

Funding Source(s)	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Transfer from Aviation	0	0	0	6,000,000	0	0	6,000,000
Total	0	0	0	6,000,000	0	0	6,000,000

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

City of Concord, North Carolina

Fiscal Year 2020-21 through 2024-25 Capital Improvement Plan

Section 1	CIP Title	Runway 20 EMAS				Budget Unit #	6300		
Budget Unit	Airport Projects	Functional Area	Aviation			Priority Rank	4		
Total CIP Cost	Total Appropriations to date	Budget Year 1 FY2020-21	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP	
			Year 2 FY2021-22	Year 3 FY2022-23	Year 4 FY2023-24	Year 5 FY2024-25		<input checked="" type="checkbox"/> New	<input type="checkbox"/> Expansion
							<input type="checkbox"/> Replacement	<input type="checkbox"/> Renovation	
							<input type="checkbox"/> Land/ROW Acq. Required		
4,693,376	0	0	938,676	0	3,754,700	0	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 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Construction - Building/Utility	0	0	0	3,754,700	0	0	3,754,700
Engineering/Arch Design	0	938,676	0	0	0	0	938,676
Total Capital Cost	0	938,676	0	3,754,700	0	0	4,693,376

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

Type of Expenditure	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Total							

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

Funding Source(s)	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Federal Grant	0	844,808	0	3,379,230	0	0	4,224,038
State Grant	0	46,934	0	187,735	0	0	234,669
Transfer from Aviation	0	46,934	0	187,735	0	0	234,669
Total	0	938,676	0	3,754,700	0	0	4,693,376

Section 6 **Section 7**

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

City of Concord, North Carolina

Fiscal Year 2020-21 through 2024-25 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	5		
Total CIP Cost	Total Appropriations to date	Budget Year 1 FY2020-21	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP	
			Year 2 FY2021-22	Year 3 FY2022-23	Year 4 FY2023-24	Year 5 FY2024-25		<input type="checkbox"/> New	<input checked="" type="checkbox"/> Expansion
							<input type="checkbox"/> Replacement	<input type="checkbox"/> Renovation	
							<input type="checkbox"/> Land/ROW Acq. Required		
10,904,589	0	0	0	4,740,589	250,000	5,914,000	10,904,589		

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 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Preliminary Design/Plans	0	0	4,740,589	250,000	5,914,000	0	10,904,589
Total Capital Cost	0	0	4,740,589	250,000	5,914,000	0	10,904,589

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

Type of Expenditure	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Total							

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

Funding Source(s)	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Federal Grant	0	0	3,792,472	237,500	5,618,300	0	9,648,272
State Grant	0	0	474,059	6,250	147,850	0	628,159
Transfer from Aviation	0	0	474,058	6,250	147,850	0	628,158
Total	0	0	4,740,589	250,000	5,914,000	0	10,904,589

Section 6 **Section 7**

Maps / Charts / Tables / Pictures

Comments for Other Depts.

City of Concord, North Carolina

Fiscal Year 2020-21 through 2024-25 Capital Improvement Plan

Section 1	CIP Title	FBO Terminal Building Rehabilitation				Budget Unit #	6300		
Budget Unit	Airport Projects	Functional Area	Aviation			Priority Rank	6		
Total CIP Cost	Total Appropriations to date	Budget Year 1 FY2020-21	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP	
			Year 2 FY2021-22	Year 3 FY2022-23	Year 4 FY2023-24	Year 5 FY2024-25		<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	580,000	12,800,000	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 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Construction	0	0	0	0	12,800,000	0	12,800,000
FBO Terminal Building Rehabilitation Design	0	0	0	580,000	0	0	580,000
Total Capital Cost	0	0	0	580,000	12,800,000	0	13,380,000

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

Type of Expenditure	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Total							

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

Funding Source(s)	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Capital Reserve	0	0	0	580,000	6,400,000	0	6,980,000
Public-Private Partnership	0	0	0	0	6,400,000	0	6,400,000
Total	0	0	0	580,000	12,800,000	0	13,380,000

Section 6 **Section 7**

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

City of Concord, North Carolina

Fiscal Year 2020-21 through 2024-25 Capital Improvement Plan

Section 1	CIP Title	Corporate Hangar Development				Budget Unit #	6300		
Budget Unit	Airport Projects	Functional Area	Aviation			Priority Rank	7		
Total CIP Cost	Total Appropriations to date	Budget Year 1 FY2020-21	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP	
			Year 2 FY2021-22	Year 3 FY2022-23	Year 4 FY2023-24	Year 5 FY2024-25		<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	3,500,000	0	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 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Corporate Hangar Development	0	3,500,000	0	0	0	0	3,500,000
Total Capital Cost	0	3,500,000	0	0	0	0	3,500,000

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

Type of Expenditure	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Total							

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

Funding Source(s)	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Federal Grant	0	3,150,000	0	0	0	0	3,150,000
Transfer from Aviation	0	350,000	0	0	0	0	350,000
Total	0	3,500,000	0	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 2020-21 through 2024-25 Capital Improvement Plan

Section 1	CIP Title	Myint Lane Airport Access Road				Budget Unit #	6300		
Budget Unit	Airport Projects	Functional Area	Aviation			Priority Rank	8		
Total CIP Cost	Total Appropriations to date	Budget Year 1 FY2020-21	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP	
			Year 2 FY2021-22	Year 3 FY2022-23	Year 4 FY2023-24	Year 5 FY2024-25		<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		
700,000	0	0	700,000	0	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 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 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Preliminary Design	0	700,000	0	0	0	0	700,000
Total Capital Cost	0	700,000	0	0	0	0	700,000

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

Type of Expenditure	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Total							

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

Funding Source(s)	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Transfer from Aviation	0	700,000	0	0	0	0	700,000
Total	0	700,000	0	0	0	0	700,000

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

City of Concord, North Carolina

Fiscal Year 2020-21 through 2024-25 Capital Improvement Plan

Section 1	CIP Title	North Apron Expansion Phase 3				Budget Unit #	6300		
Budget Unit	Airport Projects	Functional Area	Aviation			Priority Rank	9		
Total CIP Cost	Total Appropriations to date	Budget Year 1 FY2020-21	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP	
			Year 2 FY2021-22	Year 3 FY2022-23	Year 4 FY2023-24	Year 5 FY2024-25		<input type="checkbox"/> New	<input checked="" type="checkbox"/> Expansion
							<input type="checkbox"/> Replacement	<input type="checkbox"/> Renovation	
							<input type="checkbox"/> Land/ROW Acq. Required		
2,000,000	0	0	250,000	1,750,000	0	0	2,000,000		

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 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 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	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 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Total							

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

Funding Source(s)	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	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 **Section 7**

Maps / Charts / Tables / Pictures

Comments for Other Depts.

City of Concord, North Carolina

Fiscal Year 2020-21 through 2024-25 Capital Improvement Plan

Section 1	CIP Title	Myint Lane Airport Apron Development				Budget Unit #	6300		
Budget Unit	Airport Projects	Functional Area	Aviation			Priority Rank	10		
Total CIP Cost	Total Appropriations to date	Budget Year 1 FY2020-21	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP	
			Year 2 FY2021-22	Year 3 FY2022-23	Year 4 FY2023-24	Year 5 FY2024-25		<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		
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 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	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 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Total							

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

Funding Source(s)	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	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 **Section 7**

Maps / Charts / Tables / Pictures

Comments for Other Depts.

City of Concord, North Carolina

Fiscal Year 2020-21 through 2024-25 Capital Improvement Plan

Section 1	CIP Title	North Internal Service Road				Budget Unit #	6300		
Budget Unit	Airport Projects	Functional Area	Aviation			Priority Rank	11		
Total CIP Cost	Total Appropriations to date	Budget Year 1 FY2020-21	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP	
			Year 2 FY2021-22	Year 3 FY2022-23	Year 4 FY2023-24	Year 5 FY2024-25		<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		
2,149,300	0	0	0	2,149,300	0	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 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Construction	0	0	1,824,300	0	0	0	1,824,300
Preliminary Design	0	0	325,000	0	0	0	325,000
Total Capital Cost	0	0	2,149,300	0	0	0	2,149,300

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

Type of Expenditure	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Total							

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

Funding Source(s)	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Federal Grant	0	0	2,041,834	0	0	0	2,041,834
State Grant	0	0	53,733	0	0	0	53,733
Transfer from Aviation	0	0	53,733	0	0	0	53,733
Total	0	0	2,149,300	0	0	0	2,149,300

Section 6 **Section 7**

Maps / Charts / Tables / Pictures

Comments for Other Depts.

City of Concord, North Carolina

Fiscal Year 2020-21 through 2024-25 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	12		
Total CIP Cost	Total Appropriations to date	Budget Year 1 FY2020-21	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP	
			Year 2 FY2021-22	Year 3 FY2022-23	Year 4 FY2023-24	Year 5 FY2024-25		<input checked="" type="checkbox"/> New	<input type="checkbox"/> Expansion
							<input type="checkbox"/> Replacement	<input type="checkbox"/> Renovation	
							<input type="checkbox"/> Land/ROW Acq. Required		
1,743,000	0	0	100,000	1,643,000	0	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

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 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Airport Fire Station & Security Center	0	100,000	1,643,000	0	0	0	1,743,000
Total Capital Cost	0	100,000	1,643,000	0	0	0	1,743,000

Section 4 New or Additional Impact on Operating Budget

Type of Expenditure	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Total							

Section 5 Method(s) of Financing

Funding Source(s)	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Federal Grant	0	95,000	1,560,850	0	0	0	1,655,850
State Grant	0	2,500	41,075	0	0	0	43,575
Transfer from Aviation	0	2,500	41,075	0	0	0	43,575
Total	0	100,000	1,643,000	0	0	0	1,743,000

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

City of Concord, North Carolina

Fiscal Year 2020-21 through 2024-25 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	13		
Total CIP Cost	Total Appropriations to date	Budget Year 1 FY2020-21	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP	
			Year 2 FY2021-22	Year 3 FY2022-23	Year 4 FY2023-24	Year 5 FY2024-25		<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 the 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 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	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 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Total							

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

Funding Source(s)	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	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 2020-21 through 2024-25 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	14		
Total CIP Cost	Total Appropriations to date	Budget Year 1 FY2020-21	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP	
			Year 2 FY2021-22	Year 3 FY2022-23	Year 4 FY2023-24	Year 5 FY2024-25		<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		
5,090,000	0	0	0	0	0	5,090,000	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-Padgett 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-Padgett 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 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total	
East Side Airport Land Acquisition Area	0	0	0	0	5,090,000	0	5,090,000	
Total Capital Cost	0	0	0	0	5,090,000	0	5,090,000	

Section 4 New or Additional Impact on Operating Budget

Type of Expenditure	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Total							

Section 5 Method(s) of Financing

Funding Source(s)	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Federal Grant	0	0	0	0	4,839,500	0	4,839,500
State Grant	0	0	0	0	125,250	0	125,250
Transfer from Aviation	0	0	0	0	125,250	0	125,250
Total	0	0	0	0	5,090,000	0	5,090,000

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

City of Concord, North Carolina

Fiscal Year 2020-21 through 2024-25 Capital Improvement Plan

Section 1	CIP Title	Ivy Cline Land Acquisition				Budget Unit #	6300		
Budget Unit	Airport Projects	Functional Area	Aviation			Priority Rank	15		
Total CIP Cost	Total Appropriations to date	Budget Year 1 FY2020-21	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP	
			Year 2 FY2021-22	Year 3 FY2022-23	Year 4 FY2023-24	Year 5 FY2024-25		<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		
3,400,000	0	0	0	0	3,400,000	0	3,400,000		

Section 2 Description

This CIP project would be to purchase 32.66 acres between the existing airport property line and Ivy Cline Road for future development.

History, Status, or Impact if Delayed

This project has been added back into the CIP as the airport was approached by the property owner about future plans at the airport and with the new commercial service at the airport may be needed to accomodate those operations when an airline terminal area is moved to the east side of Concord Regional Airport.

Justification or Link to City Goals

This project is needed to protect obstructions and incompatible operations adjacent to the Concord Regional Airport and allow future airport expansion. The project is identified in the Airport Master Plan.

Section 3 Capital Costs

Activity	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Land/ROW	0	0	0	3,400,000	0	0	3,400,000
Total Capital Cost	0	0	0	3,400,000	0	0	3,400,000

Section 4 New or Additional Impact on Operating Budget

Type of Expenditure	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
---------------------	------------	------------	------------	------------	------------	-------------	-------

Total

Section 5 Method(s) of Financing

Funding Source(s)	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Federal Grant	0	0	0	3,230,000	0	0	3,230,000
State Grant	0	0	0	85,000	0	0	85,000
Transfer from Aviation	0	0	0	85,000	0	0	85,000
Total	0	0	0	3,400,000	0	0	3,400,000

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

City of Concord, North Carolina

Fiscal Year 2020-21 through 2024-25 Capital Improvement Plan

Section 1	CIP Title	Airport Helipads				Budget Unit #	6300		
Budget Unit	Airport Projects	Functional Area	Aviation			Priority Rank	16		
Total CIP Cost	Total Appropriations to date	Budget Year 1 FY2020-21	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP	
			Year 2 FY2021-22	Year 3 FY2022-23	Year 4 FY2023-24	Year 5 FY2024-25		<input type="checkbox"/> New	<input type="checkbox"/> Expansion
							<input checked="" type="checkbox"/> Replacement	<input type="checkbox"/> Renovation	
							<input type="checkbox"/> Land/ROW Acq. Required		
410,000	0	0	0	410,000	0	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 a 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 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 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Construction	0	0	410,000	0	0	0	410,000
Total Capital Cost	0	0	410,000	0	0	0	410,000

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

Type of Expenditure	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Total							

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

Funding Source(s)	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Federal Grant	0	0	389,500	0	0	0	389,500
State Grant	0	0	10,250	0	0	0	10,250
Transfer from Aviation	0	0	10,250	0	0	0	10,250
Total	0	0	410,000	0	0	0	410,000

Section 6 **Section 7**

Maps / Charts / Tables / Pictures

Comments for Other Depts.

City of Concord, North Carolina

Fiscal Year 2020-21 through 2024-25 Capital Improvement Plan

Section 1	CIP Title	East Side Commercial Airline Terminal Area				Budget Unit #	6300		
Budget Unit	Airport Projects	Functional Area	Aviation			Priority Rank	17		
Total CIP Cost	Total Appropriations to date	Budget Year 1 FY2020-21	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP	
			Year 2 FY2021-22	Year 3 FY2022-23	Year 4 FY2023-24	Year 5 FY2024-25		<input checked="" type="checkbox"/> New	<input type="checkbox"/> Expansion
							<input type="checkbox"/> Replacement	<input type="checkbox"/> Renovation	
							<input type="checkbox"/> Land/ROW Acq. Required		
40,600,000	0	0	600,000	40,000,000	0	0	40,600,000		

Section 2 **Description**

This project would be for constructing a permanent secure Commercial Airline Operations Area (Ramp, Terminal, and parking area) separate from general aviation activities located on the east side of the Airport at the south end of Ivy Cline Rd.

History, Status, or Impact if Delayed

If Concord is going to continue having scheduled commercial airline flights that support the Charlotte Region, then an airline terminal needs to be constructed and be separated from General Aviation activities at the airport. The east side of the airport would be the location for these facilities and they could be paid for using passenger facility charges in addition to and grant funds that could be received.

Justification or Link to City Goals

Airline service began at Concord Regional Airport in December 2013. It's likely that that service can quickly grow and Concord can serve as a secondary commercial service airport to the Charlotte Regional. This would have substantial long-term economic benefit to the City and residents. Safety, Security, and Customer Service are other primary justifications for creating a separate designated area at the airport for Commercial service operations.

Section 3 **Capital Costs**

Activity	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Construction - Building/Utility	0	0	39,250,000	0	0	0	39,250,000
East Side Commercial Airline Terminal Area	0	600,000	750,000	0	0	0	1,350,000
Total Capital Cost	0	600,000	40,000,000	0	0	0	40,600,000

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

Type of Expenditure	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Total							

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

Funding Source(s)	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Dedicated Transportation Funds	0	0	2,000,000	0	0	0	2,000,000
Federal Grant	0	570,000	8,000,000	0	0	0	8,570,000
Financing Proceeds	0	0	23,000,000	0	0	0	23,000,000
Other	0	0	4,000,000	0	0	0	4,000,000
State Grant	0	15,000	1,500,000	0	0	0	1,515,000
Transfer from Aviation	0	15,000	1,500,000	0	0	0	1,515,000
Total	0	600,000	40,000,000	0	0	0	40,600,000

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

City of Concord, North Carolina

Fiscal Year 2020-21 through 2024-25 Capital Improvement Plan

Section 1	CIP Title	New Relocated Airport Control Tower				Budget Unit #	6300		
Budget Unit	Airport Projects	Functional Area	Aviation			Priority Rank	18		
Total CIP Cost	Total Appropriations to date	Budget Year 1 FY2020-21	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP	
			Year 2 FY2021-22	Year 3 FY2022-23	Year 4 FY2023-24	Year 5 FY2024-25		<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	3,500,000	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 size of aircraft 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. This means we do not pay for the personnel to operate the tower.

Section 3 **Capital Costs**

Activity	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Clear/Grade/Site Prep	0	0	0	0	300,000	0	300,000
Construction	0	0	0	0	3,000,000	0	3,000,000
Light Equip/Furniture	0	0	0	0	200,000	0	200,000
Total Capital Cost	0	0	0	0	3,500,000	0	3,500,000

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

Type of Expenditure	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Total							

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

Funding Source(s)	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Federal Grant	0	0	0	0	3,150,000	0	3,150,000
State Grant	0	0	0	0	175,000	0	175,000
Transfer from Aviation	0	0	0	0	175,000	0	175,000
Total	0	0	0	0	3,500,000	0	3,500,000

Section 6 **Section 7**

Maps / Charts / Tables / Pictures

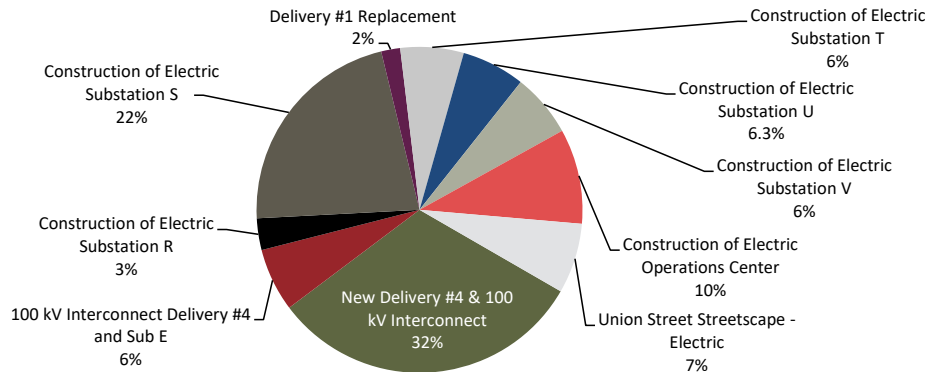
Comments for Other Depts.

Fund 473: Electric Capital Projects

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

	2020-2021 Approved	2021-2022 Planning Yr.	2022-2023 Planning Yr.	2023-2024 Planning Yr.	2024-2025 Planning Yr.	Future Planning Yr.
Expenses By Project						
New Delivery #4 & 100 kV Interconnect	\$ 5,000,000	\$ -	\$ -	\$ -	\$ -	\$ -
Construction of Electric Substation N	\$ -	\$ 3,160,000	\$ -	\$ -	\$ -	\$ -
100 kV Interconnect Delivery #4 and Sub E	\$ 1,000,000	\$ -	\$ 3,658,000	\$ -	\$ -	\$ -
100 kV Tie Line-Liles Blvd to Sub O	\$ -	\$ 3,465,000	\$ -	\$ -	\$ -	\$ -
Construction of Electric Substation R	\$ 500,000	\$ -	\$ -	\$ 3,010,000	\$ -	\$ -
Construction of Electric Substation S	\$ 3,510,000	\$ -	\$ -	\$ -	\$ -	\$ -
Delivery #1 Replacement	\$ 300,000	\$ -	\$ 2,125,000	\$ -	\$ -	\$ -
Construction of Electric Substation T	\$ 1,000,000	\$ -	\$ -	\$ -	\$ 3,010,000	\$ -
Replace Existing 750 MCM	\$ -	\$ -	\$ -	\$ 3,050,000	\$ -	\$ -
Construction of Electric Substation U	\$ 1,000,000	\$ -	\$ -	\$ -	\$ 4,545,000	\$ -
Construction of Electric Substation V	\$ 1,000,000	\$ -	\$ -	\$ -	\$ 3,545,000	\$ -
Substation Transformer LTC Replacements	\$ -	\$ -	\$ 1,030,000	\$ -	\$ -	\$ -
Construction of Electric Operations Center	\$ 1,500,000	\$ 17,880,500	\$ 176,299	\$ -	\$ -	\$ -
Union Street Streetscape - Electric	\$ 1,108,220	\$ -	\$ -	\$ -	\$ -	\$ -
Total	\$ 15,918,220	\$ 24,505,500	\$ 6,989,299	\$ 6,060,000	\$ 11,100,000	\$ -

FY 2021 Electric Capital Projects



Fund 473: Electric Capital Revenue

	2020-2021 Approved	2021-2022 Planning Yr.	2022-2023 Planning Yr.	2023-2024 Planning Yr.	2024-2025 Planning Yr.	Future Planning Yr.
Revenues by Funding Source						
Transfer From Electric	\$ 10,331,220	\$ 6,625,000	\$ 3,155,000	\$ 6,060,000	\$ -	\$ -
Transfer From Utility Capital Reserve	\$ 4,000,000	\$ -	\$ 3,658,000	\$ -	\$ 11,100,000	\$ -
Future Project Reserves	\$ 87,000	\$ -	\$ -	\$ -	\$ -	\$ -
Operating Revenues	\$ -	\$ -	\$ 176,299	\$ -	\$ -	\$ -
Bond Proceeds	\$ 1,500,000	\$ 17,880,500	\$ -	\$ -	\$ -	\$ -
Total	\$ 15,918,220	\$ 24,505,500	\$ 6,989,299	\$ 6,060,000	\$ 11,100,000	\$ -

City of Concord, North Carolina

Fiscal Year 2020-21 through 2024-25 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	1		
Total CIP Cost	Total Appropriations to date	Budget Year 1 FY2020-21	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP	
			Year 2 FY2021-22	Year 3 FY2022-23	Year 4 FY2023-24	Year 5 FY2024-25		<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				
11,479,912	6,479,912	5,000,000	0	0	0	0	5,000,000		

Section 2 Description

This project will provide construction of a 100kV 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 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Construction	5,000,000	0	0	0	0	0	5,000,000
Total Capital Cost	5,000,000	0	0	0	0	0	5,000,000

Section 4 New or Additional Impact on Operating Budget

Type of Expenditure	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Total							

Section 5 Method(s) of Financing

Funding Source(s)	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Transfer From Electric	5,000,000	0	0	0	0	0	5,000,000
Total	5,000,000	0	0	0	0	0	5,000,000

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



City of Concord, North Carolina

Fiscal Year 2020-21 through 2024-25 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	2		
Total CIP Cost	Total Appropriations to date	Budget Year 1 FY2020-21	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP	
			Year 2 FY2021-22	Year 3 FY2022-23	Year 4 FY2023-24	Year 5 FY2024-25		<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	850,000	0	3,160,000	0	0	0	3,160,000		

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 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 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 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Construction	0	3,060,000	0	0	0	0	3,060,000
Engineering	0	100,000	0	0	0	0	100,000
Total Capital Cost	0	3,160,000	0	0	0	0	3,160,000

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

Type of Expenditure	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
---------------------	------------	------------	------------	------------	------------	-------------	-------

Total

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

Funding Source(s)	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Transfer from Electric	0	3,160,000	0	0	0	0	3,160,000
Total	0	3,160,000	0	0	0	0	3,160,000

Section 6 **Section 7**

Maps / Charts / Tables / Pictures

Comments for Other Depts.



City of Concord, North Carolina

Fiscal Year 2020-21 through 2024-25 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	3		
Total CIP Cost	Total Appropriations to date	Budget Year 1 FY2020-21	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP	
			Year 2 FY2021-22	Year 3 FY2022-23	Year 4 FY2023-24	Year 5 FY2024-25		<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	1,000,000	0	3,658,000	0	0	4,658,000		

Section 2 Description

This project provides interconnection 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 increase reliability by creating a loop feed for these substations and provide tying capability on the 100kV transmission system.

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 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	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	1,000,000	0	0	0	0	0	1,000,000
Total Capital Cost	1,000,000	0	3,658,000	0	0	0	4,658,000

Section 4 New or Additional Impact on Operating Budget

Type of Expenditure	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Total							

Section 5 Method(s) of Financing

Funding Source(s)	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Transfer from Utility Capital Reserve	1,000,000	0	3,658,000	0	0	0	4,658,000
Total	1,000,000	0	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 2020-21 through 2024-25 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	4	
Total CIP Cost	Total Appropriations to date	Budget Year 1 FY2020-21	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP
			Year 2 FY2021-22	Year 3 FY2022-23	Year 4 FY2023-24	Year 5 FY2024-25		<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	1,000,000	0	3,465,000	0	0	0	3,465,000	

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 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Construction	0	3,300,000	0	0	0	0	3,300,000
Engineering	0	165,000	0	0	0	0	165,000
Total Capital Cost	0	3,465,000	0	0	0	0	3,465,000

Section 4 New or Additional Impact on Operating Budget

Type of Expenditure	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Total							

Section 5 Method(s) of Financing

Funding Source(s)	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Transfer From Electric	0	3,465,000	0	0	0	0	3,465,000
Total	0	3,465,000	0	0	0	0	3,465,000

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



City of Concord, North Carolina

Fiscal Year 2020-21 through 2024-25 Capital Improvement Plan

Section 1	CIP Title	Construction of New Electric Substation R on Poplar Tent Road				Budget Unit #	6949		
Budget Unit	Electric Projects	Functional Area	Electric			Priority Rank	5		
Total CIP Cost	Total Appropriations to date	Budget Year 1 FY2020-21	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP	
			Year 2 FY2021-22	Year 3 FY2022-23	Year 4 FY2023-24	Year 5 FY2024-25		<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	500,000	500,000	0	0	3,010,000	0	3,510,000		

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-Padgett 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 growth expected in the area. It will also provide additional reliability on the system by tying capability with three existing substations offering more switching capacity to backup Substation K in 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 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Construction	0	0	0	2,800,000	0	0	2,800,000
Engineering	0	0	0	210,000	0	0	210,000
Land/ROW	500,000	0	0	0	0	0	500,000
Total Capital Cost	500,000	0	0	3,010,000	0	0	3,510,000

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

Type of Expenditure	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Total							

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

Funding Source(s)	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Transfer from Electric	500,000	0	0	3,010,000	0	0	3,510,000
Total	500,000	0	0	3,010,000	0	0	3,510,000

Section 6 **Section 7**



Comments for Other Depts.

City of Concord, North Carolina

Fiscal Year 2020-21 through 2024-25 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	6		
Total CIP Cost	Total Appropriations to date	Budget Year 1 FY2020-21	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP	
			Year 2 FY2021-22	Year 3 FY2022-23	Year 4 FY2023-24	Year 5 FY2024-25		<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				
4,036,624	526,624	3,510,000	0	0	0	0	3,510,000		

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 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 growth expected in the area. It will eliminate voltage issues in the area and will also provide additional reliability on the system by 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 expected demand. Delaying this project will severely limit the City's ability to serve new customers in this area.

Section 3 **Capital Costs**

Activity	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Construction	3,300,000	0	0	0	0	0	3,300,000
Engineering	210,000	0	0	0	0	0	210,000
Total Capital Cost	3,510,000	0	0	0	0	0	3,510,000

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

Type of Expenditure	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Total							

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

Funding Source(s)	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Transfer From Electric	3,510,000	0	0	0	0	0	3,510,000
Total	3,510,000	0	0	0	0	0	3,510,000

Section 6 **Section 7**

Maps / Charts / Tables / Pictures

Comments for Other Depts.



City of Concord, North Carolina

Fiscal Year 2020-21 through 2024-25 Capital Improvement Plan

Section 1	CIP Title	Delivery #1 Replacement				Budget Unit #	6949		
Budget Unit	Electric Projects	Functional Area	Electric			Priority Rank	7		
Total CIP Cost	Total Appropriations to date	Budget Year 1 FY2020-21	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP	
			Year 2 FY2021-22	Year 3 FY2022-23	Year 4 FY2023-24	Year 5 FY2024-25		<input type="checkbox"/> New	<input type="checkbox"/> Expansion
			<input type="checkbox"/> Replacement	<input type="checkbox"/> Renovation			<input type="checkbox"/> Land/ROW Acq. Required		
2,825,000	400,000	300,000	0	2,125,000	0	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 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Construction	300,000	0	2,025,000	0	0	0	2,325,000
Engineering	0	0	100,000	0	0	0	100,000
Total Capital Cost	300,000	0	2,125,000	0	0	0	2,425,000

Section 4 New or Additional Impact on Operating Budget

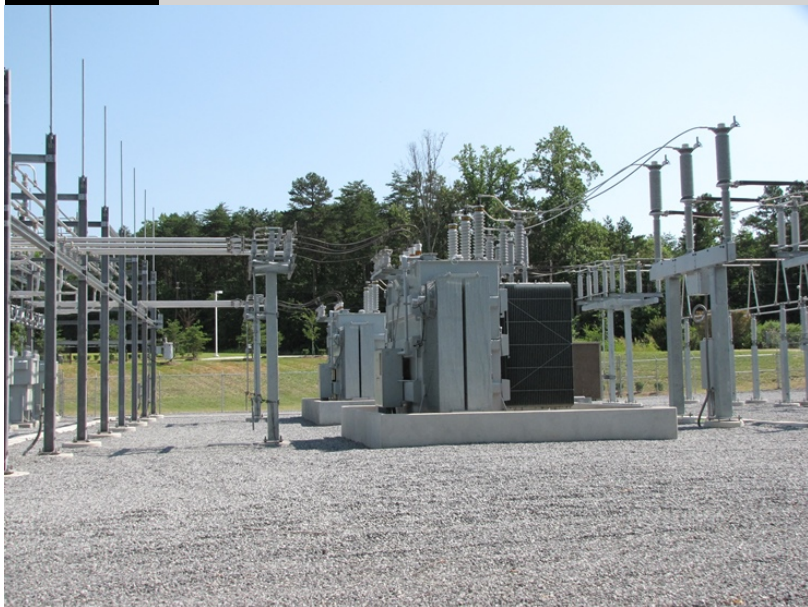
Type of Expenditure	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
---------------------	------------	------------	------------	------------	------------	-------------	-------

Total

Section 5 Method(s) of Financing

Funding Source(s)	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Transfer From Electric	213,000	0	2,125,000	0	0	0	2,338,000
Transfer from Future Projects Reserve	87,000	0	0	0	0	0	87,000
Total	300,000	0	2,125,000	0	0	0	2,425,000

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



City of Concord, North Carolina

Fiscal Year 2020-21 through 2024-25 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	8	
Total CIP Cost	Total Appropriations to date	Budget Year 1 FY2020-21	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP
			Year 2 FY2021-22	Year 3 FY2022-23	Year 4 FY2023-24	Year 5 FY2024-25		<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	1,000,000	0	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 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 growth expected in this service 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 expected demand. Delaying this project will severely limit the City's ability to serve new customers in this area.

Section 3 Capital Costs

Activity	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Construction	0	0	0	0	2,810,000	0	2,810,000
Engineering	0	0	0	0	200,000	0	200,000
Land/ROW	1,000,000	0	0	0	0	0	1,000,000
Total Capital Cost	1,000,000	0	0	0	3,010,000	0	4,010,000

Section 4 New or Additional Impact on Operating Budget

Type of Expenditure	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Total							

Section 5 Method(s) of Financing

Funding Source(s)	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Transfer from Utility Capital Reserve	1,000,000	0	0	0	3,010,000	0	4,010,000
Total	1,000,000	0	0	0	3,010,000	0	4,010,000

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



City of Concord, North Carolina

Fiscal Year 2020-21 through 2024-25 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	9		
Total CIP Cost	Total Appropriations to date	Budget Year 1 FY2020-21	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP	
			Year 2 FY2021-22	Year 3 FY2022-23	Year 4 FY2023-24	Year 5 FY2024-25		<input 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	3,050,000	0	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. 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 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Construction	0	0	0	3,000,000	0	0	3,000,000
Engineering	0	0	0	50,000	0	0	50,000
Total Capital Cost	0	0	0	3,050,000	0	0	3,050,000

Section 4 New or Additional Impact on Operating Budget

Type of Expenditure	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Total							

Section 5 Method(s) of Financing

Funding Source(s)	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Transfer from Electric	0	0	0	3,050,000	0	0	3,050,000
Total	0	0	0	3,050,000	0	0	3,050,000

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



City of Concord, North Carolina

Fiscal Year 2020-21 through 2024-25 Capital Improvement Plan

Section 1	CIP Title	Construction of New Electric Substation U near Cabarrus Arena				Budget Unit #	6949		
Budget Unit	Electric Projects	Functional Area	Electric			Priority Rank	10		
Total CIP Cost	Total Appropriations to date	Budget Year 1 FY2020-21	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP	
			Year 2 FY2021-22	Year 3 FY2022-23	Year 4 FY2023-24	Year 5 FY2024-25		<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						
5,545,000	0	1,000,000	0	0	0	4,545,000	5,545,000		

Section 2 **Description**

This project will provide an additional 44KV/12.4KV distribution substation to handle growing capacity needs in the City's Eastern service area and enhance the integrity of the current and future electric service to our customers.

History, Status, or Impact if Delayed

Development of the area surrounding Cabarrus Arena including the NC Hwy 49 corridor and the Cold Springs Road area will require more capacity than currently available from Substation G and Substation P. The new substation will address the future growth expected as the Arena becomes a focal point for commercial as well as residential growth. It will also provide additional reliability on the system as it will provide tying capability with Substation G and Substation P offering more switching capacity and alternate power sources on the distribution system.

Justification or Link to City Goals

The Eastern 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 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Construction	0	0	0	0	4,330,000	0	4,330,000
Engineering	0	0	0	0	215,000	0	215,000
Land/ROW	1,000,000	0	0	0	0	0	1,000,000
Total Capital Cost	1,000,000	0	0	0	4,545,000	0	5,545,000

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

Type of Expenditure	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Total							

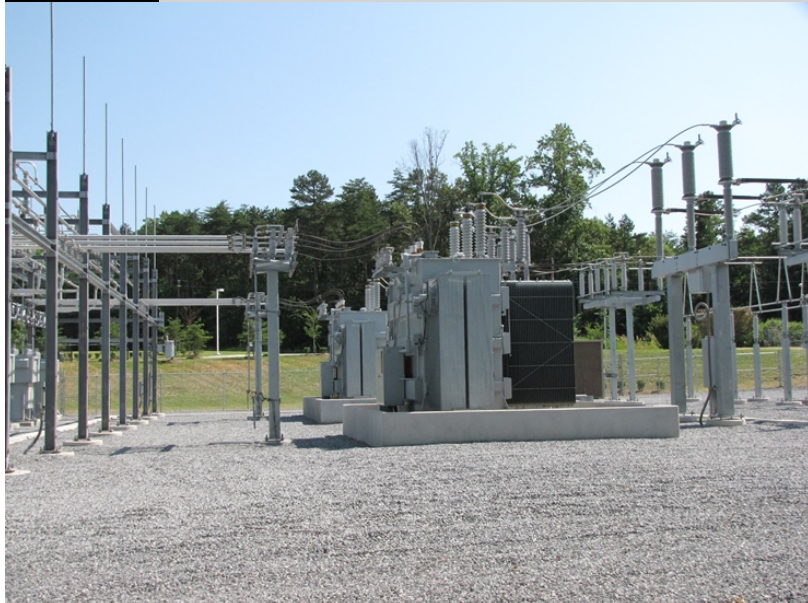
Section 5 **Method(s) of Financing**

Funding Source(s)	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Transfer from Utility Capital Reserve	1,000,000	0	0	0	4,545,000	0	5,545,000
Total	1,000,000	0	0	0	4,545,000	0	5,545,000

Section 6 **Section 7**

Maps / Charts / Tables / Pictures

Comments for Other Depts.



City of Concord, North Carolina

Fiscal Year 2020-21 through 2024-25 Capital Improvement Plan

Section 1	CIP Title	Construction of New Electric Substation V near Weddington Road Ext South West of Concord				Budget Unit #	6949	
Budget Unit	Electric Projects	Functional Area	Electric			Priority Rank	11	
Total CIP Cost	Total Appropriations to date	Budget Year 1 FY2020-21	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP
			Year 2 FY2021-22	Year 3 FY2022-23	Year 4 FY2023-24	Year 5 FY2024-25		<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
4,545,000	0	1,000,000	0	0	0	3,545,000	4,545,000	

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 Weddington Road and Pitts School Road will require more capacity than currently available from Substation J and Substation M. The new substation will address the future 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 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Construction	0	0	0	0	3,330,000	0	3,330,000
Engineering	0	0	0	0	215,000	0	215,000
Land/ROW	1,000,000	0	0	0	0	0	1,000,000
Total Capital Cost	1,000,000	0	0	0	3,545,000	0	4,545,000

Section 4 New or Additional Impact on Operating Budget

Type of Expenditure	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Total							

Section 5 Method(s) of Financing

Funding Source(s)	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Transfer From Utility Capital Reserve	1,000,000	0	0	0	3,545,000	0	4,545,000
Total	1,000,000	0	0	0	3,545,000	0	4,545,000

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



Comments for Other Depts.

City of Concord, North Carolina

Fiscal Year 2020-21 through 2024-25 Capital Improvement Plan

Section 1	CIP Title	Substation Transformer LTC Replacements				Budget Unit #	6949		
Budget Unit	Electric Projects	Functional Area	Electric			Priority Rank	12		
Total CIP Cost	Total Appropriations to date	Budget Year 1 FY2020-21	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP	
			Year 2 FY2021-22	Year 3 FY2022-23	Year 4 FY2023-24	Year 5 FY2024-25		<input type="checkbox"/> New	<input type="checkbox"/> Expansion
							<input type="checkbox"/> Replacement	<input checked="" type="checkbox"/> Renovation	
							<input type="checkbox"/> Land/ROW Acq. Required		
1,030,000	0	0	0	1,030,000	0	0	1,030,000		

Section 2 Description

Upgrade of five RMT-1 tap changers to Vacutap tap changers at five retail substations.

History, Status, or Impact if Delayed

Outdated tap changer mechanism need to be replaced with modern vacuum operated tap changers.

Justification or Link to City Goals

Replacement of obsolete tap changer mechanisms is vital for reliability of power transformers.

Section 3 Capital Costs

Activity	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Construction	0	0	1,000,000	0	0	0	1,000,000
Engineering	0	0	30,000	0	0	0	30,000
Total Capital Cost	0	0	1,030,000	0	0	0	1,030,000

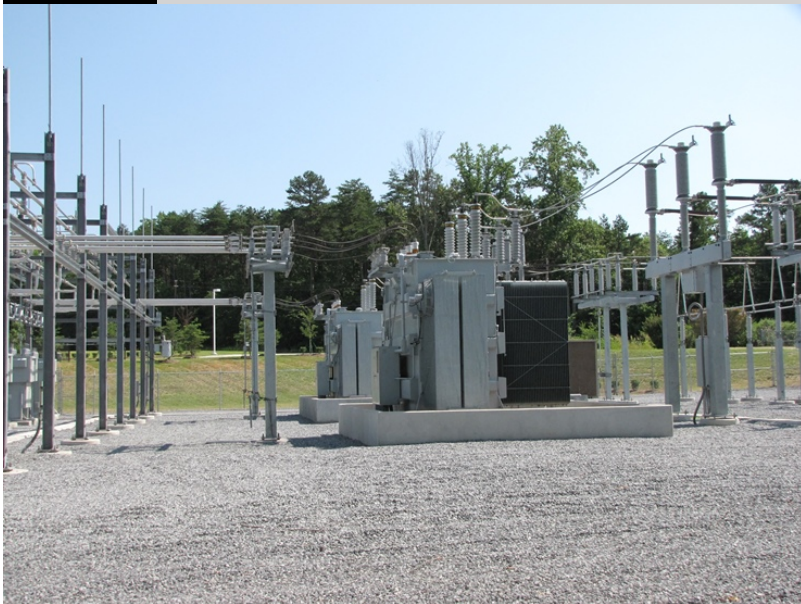
Section 4 New or Additional Impact on Operating Budget

Type of Expenditure	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Total							

Section 5 Method(s) of Financing

Funding Source(s)	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Transfer From Electric	0	0	1,030,000	0	0	0	1,030,000
Total	0	0	1,030,000	0	0	0	1,030,000

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



City of Concord, North Carolina

Fiscal Year 2020-21 through 2024-25 Capital Improvement Plan

Section 1	CIP Title	Construction of New Electric Operations Center				Budget Unit #	6949		
Budget Unit	Electric Projects	Functional Area	Electric			Priority Rank	13		
Total CIP Cost	Total Appropriations to date	Budget Year 1 FY2020-21	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP	
			Year 2 FY2021-22	Year 3 FY2022-23	Year 4 FY2023-24	Year 5 FY2024-25		<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		
19,556,799	0	1,500,000	17,880,500	176,299	0	0	19,556,799		

Section 2 Description

This project will provide a new state-of-the-art Operations Center for use by the Electric Systems Department.

History, Status, or Impact if Delayed

The current Alfred M. Brown Operations Center (BOC) was constructed in 1999 and has reached maximum capacity for both coworkers and equipment and can no longer meet daily service needs effectively. Staff has studied the current facility for potential expansion and has determined land constraints negate any potential relief at the current location. Delaying construction could impact service levels and response times.

Justification or Link to City Goals

The proposed new Operations Center will provide an effective work center for many years to come and will ensure our ability to provide the consistent high levels of customer service we now provide. It will ensure continuous improvement within the Electric Department and will also provide needed spacing relief for the current BOC campus.

Section 3 Capital Costs

Activity	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Construction	0	17,880,500	0	0	0	0	17,880,500
Engineering	1,500,000	0	0	0	0	0	1,500,000
Land/ROW	0	0	0	0	0	0	0
Total Capital Cost	1,500,000	17,880,500	0	0	0	0	19,380,500

Section 4 New or Additional Impact on Operating Budget

Type of Expenditure	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Administrative Assistant	0	0	51,135	0	0	0	51,135
Operations Manager	0	0	62,582	0	0	0	62,582
Public Relations Manager	0	0	62,582	0	0	0	62,582
Total	0	0	176,299	0	0	0	176,299

Section 5 Method(s) of Financing

Funding Source(s)	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Bond Proceeds	1,500,000	17,880,500	0	0	0	0	19,380,500
	0	0	176,299	0	0	0	176,299
Total	1,500,000	17,880,500	176,299	0	0	0	19,556,799

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



City of Concord, North Carolina

Fiscal Year 2020-21 through 2024-25 Capital Improvement Plan

Section 1	CIP Title	Union StreetScape - Electric				Budget Unit #	6949		
Budget Unit	Electric Projects	Functional Area				Priority Rank	14		
Total CIP Cost	Total Appropriations to date	Budget Year 1 FY2020-21	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP	
			Year 2 FY2021-22	Year 3 FY2022-23	Year 4 FY2023-24	Year 5 FY2024-25		<input type="checkbox"/> New	<input type="checkbox"/> Expansion
			<input type="checkbox"/> Replacement	<input checked="" type="checkbox"/> Renovation			<input type="checkbox"/> Land/ROW Acq. Required		
1,108,220	0	1,108,220	0	0	0	0	1,108,220		

Section 2 Description

This is the cost associated with the Electric Department costs.

History, Status, or Impact if Delayed

Union StreetScape needs to be updated with new lights and additional sidewalks for outdoor dining.

Justification or Link to City Goals

Council approved project to enhance and reinvest in the downtown area.

Section 3 Capital Costs

Activity	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Construction	761,794	0	0	0	0	0	761,794
Engineering	346,426	0	0	0	0	0	346,426
Total Capital Cost	1,108,220	0	0	0	0	0	1,108,220

Section 4 New or Additional Impact on Operating Budget

Type of Expenditure	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
---------------------	------------	------------	------------	------------	------------	-------------	-------

Total

Section 5 Method(s) of Financing

Funding Source(s)	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Transfer from Electric	1,108,220	0	0	0	0	0	1,108,220
Total	1,108,220	0	0	0	0	0	1,108,220

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

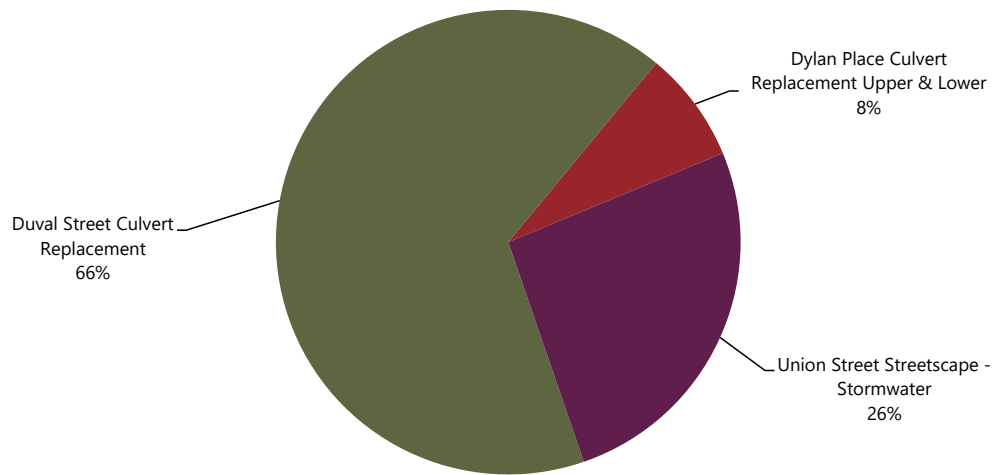


Fund 474: Stormwater Capital Expenditures

Stormwater projects are accounted for using this fund. It is comprised of Stormwater Master Plan, Stream Restoration Projects, and Stormwater Projects budget units.

	2020-2021 Approved	2021-2022 Planning Yr.	2022-2023 Planning Yr.	2023-2024 Planning Yr.	2024-2025 Planning Yr.	Future Planning Yr.
Expenses By Project						
Duval Street Culvert Replacement	\$ 1,112,000	\$ -	\$ -	\$ -	\$ -	\$ -
Dylan Place Culvert Replacement Upper & Lower	\$ 130,000	\$ 1,422,000	\$ -	\$ -	\$ -	\$ -
Union Street Streetscape - Stormwater	\$ 436,000	\$ -	\$ -	\$ -	\$ -	\$ -
Brookwood Avenue Roadway Improvements	\$ -	\$ 480,000	\$ -	\$ -	\$ -	\$ -
Kerr Street Culvert Replacement	\$ -	\$ 569,000	\$ 569,000	\$ -	\$ -	\$ -
Farmwood Boulevard Culvert Replacement	\$ -	\$ 91,000	\$ 896,000	\$ -	\$ -	\$ -
Bridlewood Drive Culvert Replacement	\$ -	\$ -	\$ 103,000	\$ 1,379,000	\$ -	\$ -
Miramar Culvert Replacements - Palaside Drive & Grandview Drive	\$ -	\$ -	\$ 113,000	\$ 1,348,000	\$ -	\$ -
Morris Glen Drive Culvert Replacement	\$ -	\$ -	\$ -	\$ 41,000	\$ 487,000	\$ -
Yvonne Drive Culvert Replacements	\$ -	\$ -	\$ -	\$ 112,000	\$ 1,334,000	\$ -
Spring Street Culvert Replacement	\$ -	\$ -	\$ -	\$ -	\$ 42,000	\$ 493,000
Miramar Culvert Replacement - Miramar Drive	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 681,000
Glenwood Drive Culvert Replacement	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 862,000
Total	\$ 1,678,000	\$ 2,562,000	\$ 1,681,000	\$ 2,880,000	\$ 1,863,000	\$ 2,036,000

FY 2021 Stormwater Projects



	2020-2021 Approved	2021-2022 Planning Yr.	2022-2023 Planning Yr.	2023-2024 Planning Yr.	2024-2025 Planning Yr.	Future Planning Yr.
Revenues by Funding Source						
Transfer from Stormwater Fund	\$ 1,678,000	\$ 2,562,000	\$ 1,681,000	\$ 2,880,000	\$ 1,863,000	\$ 2,036,000
Total	\$ 1,678,000	\$ 2,562,000	\$ 1,681,000	\$ 2,880,000	\$ 1,863,000	\$ 2,036,000

City of Concord, North Carolina

Fiscal Year 2020-21 through 2024-25 Capital Improvement Plan

Section 1	CIP Title	Duval Street 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 FY2020-21	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP	
			Year 2 FY2021-22	Year 3 FY2022-23	Year 4 FY2023-24	Year 5 FY2024-25		<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		
1,112,000	0	1,112,000	0	0	0	0	1,112,000		

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 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Construction	1,018,000	0	0	0	0	0	1,018,000
Design & R/W Acquisition	94,000	0	0	0	0	0	94,000
Total Capital Cost	1,112,000	0	0	0	0	0	1,112,000

Section 4 New or Additional Impact on Operating Budget

Type of Expenditure	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
---------------------	------------	------------	------------	------------	------------	-------------	-------

Total

Section 5 Method(s) of Financing

Funding Source(s)	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Transfer From Stormwater	1,112,000	0	0	0	0	0	1,112,000
Total	1,112,000	0	0	0	0	0	1,112,000

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



City of Concord, North Carolina

Fiscal Year 2020-21 through 2024-25 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	2		
Total CIP Cost	Total Appropriations to date	Budget Year 1 FY2020-21	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP	
			Year 2 FY2021-22	Year 3 FY2022-23	Year 4 FY2023-24	Year 5 FY2024-25		<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		
1,552,000	0	130,000	1,422,000	0	0	0	1,552,000		

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 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Construction	0	1,422,000	0	0	0	0	1,422,000
Design & R/W Acquisition	130,000	0	0	0	0	0	130,000
Total Capital Cost	130,000	1,422,000	0	0	0	0	1,552,000

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

Type of Expenditure	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Total							

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

Funding Source(s)	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Transfer From Stormwater	130,000	1,422,000	0	0	0	0	1,552,000
Total	130,000	1,422,000	0	0	0	0	1,552,000

Section 6 **Section 7**

Maps / Charts / Tables / Pictures

Comments for Other Depts.



City of Concord, North Carolina

Fiscal Year 2020-21 through 2024-25 Capital Improvement Plan

Section 1	CIP Title	Union StreetScape - Stormwater				Budget Unit #	7103		
Budget Unit	Stormwater Projects	Functional Area	Stormwater			Priority Rank	3		
Total CIP Cost	Total Appropriations to date	Budget Year 1 FY2020-21	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP	
			Year 2 FY2021-22	Year 3 FY2022-23	Year 4 FY2023-24	Year 5 FY2024-25		<input type="checkbox"/> New <input checked="" type="checkbox"/> Replacement <input type="checkbox"/> Land/ROW Acq. Required	<input type="checkbox"/> Expansion <input type="checkbox"/> Renovation
436,000	0	436,000	0	0	0	0	436,000		

Section 2 **Description**

This project will consist of replacing storm drain lines and boxes, and other stormwater infrastructure along Union Street for the purposes of completing the proposed Union StreetScape project.

History, Status, or Impact if Delayed

Justification or Link to City Goals

The project will involve replacing old and outdated stormwater infrastructure (i.e. drain lines, boxes) with new stormwater infrastructure in order to fit the proposed footprint of the Union StreetScape project.

Section 3 **Capital Costs**

Activity	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Design & Construction	436,000	0	0	0	0	0	436,000
Total Capital Cost	436,000	0	0	0	0	0	436,000

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

Type of Expenditure	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
---------------------	------------	------------	------------	------------	------------	-------------	-------

Total

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

Funding Source(s)	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Transfer From Stormwater	436,000	0	0	0	0	0	436,000
Total	436,000	0	0	0	0	0	436,000

Section 6 **Section 7**

Maps / Charts / Tables / Pictures

Comments for Other Depts.



City of Concord, North Carolina

Fiscal Year 2020-21 through 2024-25 Capital Improvement Plan

Section 1	CIP Title	Brookwood Avenue Roadway Improvements				Budget Unit #	7103		
Budget Unit	Stormwater Projects	Functional Area	Stormwater			Priority Rank	4		
Total CIP Cost	Total Appropriations to date	Budget Year 1 FY2020-21	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP	
			Year 2 FY2021-22	Year 3 FY2022-23	Year 4 FY2023-24	Year 5 FY2024-25		<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		
480,000	0	0	480,000	0	0	0	480,000		

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 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Construction	0	480,000	0	0	0	0	480,000
Total Capital Cost	0	480,000	0	0	0	0	480,000

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

Type of Expenditure	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Total							

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

Funding Source(s)	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Transfer From Stormwater	0	480,000	0	0	0	0	480,000
Total	0	480,000	0	0	0	0	480,000

Section 6 **Section 7**

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



City of Concord, North Carolina

Fiscal Year 2020-21 through 2024-25 Capital Improvement Plan

Section 1	CIP Title	Kerr 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 FY2020-21	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP	
			Year 2 FY2021-22	Year 3 FY2022-23	Year 4 FY2023-24	Year 5 FY2024-25		<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		
1,138,000	0	0	569,000	569,000	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 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Construction	0	569,000	569,000	0	0	0	1,138,000
Total Capital Cost	0	569,000	569,000	0	0	0	1,138,000

Section 4 New or Additional Impact on Operating Budget

Type of Expenditure	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
---------------------	------------	------------	------------	------------	------------	-------------	-------

Total

Section 5 Method(s) of Financing

Funding Source(s)	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Transfer From Stormwater	0	569,000	569,000	0	0	0	1,138,000
Total	0	569,000	569,000	0	0	0	1,138,000

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



City of Concord, North Carolina

Fiscal Year 2020-21 through 2024-25 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 FY2020-21	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP	
			Year 2 FY2021-22	Year 3 FY2022-23	Year 4 FY2023-24	Year 5 FY2024-25		<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		
987,000	0	0	91,000	896,000	0	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 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Construction	0	0	896,000	0	0	0	896,000
Design & R/W Acquisition	0	91,000	0	0	0	0	91,000
Total Capital Cost	0	91,000	896,000	0	0	0	987,000

Section 4 New or Additional Impact on Operating Budget

Type of Expenditure	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
---------------------	------------	------------	------------	------------	------------	-------------	-------

Total

Section 5 Method(s) of Financing

Funding Source(s)	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Transfer From Stormwater	0	91,000	896,000	0	0	0	987,000
Total	0	91,000	896,000	0	0	0	987,000

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



City of Concord, North Carolina

Fiscal Year 2020-21 through 2024-25 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 FY2020-21	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP	
			Year 2 FY2021-22	Year 3 FY2022-23	Year 4 FY2023-24	Year 5 FY2024-25		<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		
1,482,000	0	0	0	103,000	1,379,000	0	1,482,000		

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 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Construction	0	0	0	1,379,000	0	0	1,379,000
Design & R/W Acquisition	0	0	103,000	0	0	0	103,000
Total Capital Cost	0	0	103,000	1,379,000	0	0	1,482,000

Section 4 New or Additional Impact on Operating Budget

Type of Expenditure	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
---------------------	------------	------------	------------	------------	------------	-------------	-------

Total

Section 5 Method(s) of Financing

Funding Source(s)	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Transfer From Stormwater	0	0	103,000	1,379,000	0	0	1,482,000
Total	0	0	103,000	1,379,000	0	0	1,482,000

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



City of Concord, North Carolina

Fiscal Year 2020-21 through 2024-25 Capital Improvement Plan

Section 1	CIP Title	Miramar Culvert Replacements - Palaside Drive & Grandview Drive					Budget Unit #	7103
Budget Unit	Stormwater Projects	Functional Area	Stormwater				Priority Rank	8
Total CIP Cost	Total Appropriations to date	Budget Year 1 FY2020-21	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP
			Year 2 FY2021-22	Year 3 FY2022-23	Year 4 FY2023-24	Year 5 FY2024-25		<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
1,461,000	0	0	0	113,000	1,348,000	0	1,461,000	

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 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Construction	0	0	0	1,348,000	0	0	1,348,000
Design & R/W Acquisition	0	0	113,000	0	0	0	113,000
Total Capital Cost	0	0	113,000	1,348,000	0	0	1,461,000

Section 4 New or Additional Impact on Operating Budget

Type of Expenditure	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
---------------------	------------	------------	------------	------------	------------	-------------	-------

Total

Section 5 Method(s) of Financing

Funding Source(s)	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Transfer From Stormwater	0	0	113,000	1,348,000	0	0	1,461,000
Total	0	0	113,000	1,348,000	0	0	1,461,000

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



City of Concord, North Carolina

Fiscal Year 2020-21 through 2024-25 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 FY2020-21	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP
			Year 2 FY2021-22	Year 3 FY2022-23	Year 4 FY2023-24	Year 5 FY2024-25		<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
528,000	0	0	0	0	41,000	487,000	528,000	

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 through the completed 2016 Stormwater Drainage Study.

Section 3 Capital Costs

Activity	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Construction	0	0	0	0	487,000	0	487,000
Design & R/W Acquisition	0	0	0	41,000	0	0	41,000
Total Capital Cost	0	0	0	41,000	487,000	0	528,000

Section 4 New or Additional Impact on Operating Budget

Type of Expenditure	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Total							

Section 5 Method(s) of Financing

Funding Source(s)	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Transfer From Stormwater	0	0	0	41,000	487,000	0	528,000
Total	0	0	0	41,000	487,000	0	528,000

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

City of Concord, North Carolina

Fiscal Year 2020-21 through 2024-25 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 FY2020-21	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP	
			Year 2 FY2021-22	Year 3 FY2022-23	Year 4 FY2023-24	Year 5 FY2024-25		<input type="checkbox"/> New	<input type="checkbox"/> Expansion
			<input checked="" type="checkbox"/> Replacement	<input type="checkbox"/> Renovation			<input type="checkbox"/> Land/ROW Acq. Required		
1,446,000	0	0	0	0	112,000	1,334,000	1,446,000		

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 through the completed 2016 Stormwater Drainage Study.

Section 3 Capital Costs

Activity	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Construction	0	0	0	0	1,334,000	0	1,334,000
Design & R/W Acquisition	0	0	0	112,000	0	0	112,000
Total Capital Cost	0	0	0	112,000	1,334,000	0	1,446,000

Section 4 New or Additional Impact on Operating Budget

Type of Expenditure	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Total							

Section 5 Method(s) of Financing

Funding Source(s)	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Transfer From Stormwater	0	0	0	112,000	1,334,000	0	1,446,000
Total	0	0	0	112,000	1,334,000	0	1,446,000

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

City of Concord, North Carolina

Fiscal Year 2020-21 through 2024-25 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 FY2020-21	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP
			Year 2 FY2021-22	Year 3 FY2022-23	Year 4 FY2023-24	Year 5 FY2024-25		<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
535,000	0	0	0	0	0	42,000	535,000	

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 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Construction	0	0	0	0	0	493,000	493,000
Design & R/W Acquisition	0	0	0	0	42,000	0	42,000
Total Capital Cost	0	0	0	0	42,000	493,000	535,000

Section 4 New or Additional Impact on Operating Budget

Type of Expenditure	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Total							

Section 5 Method(s) of Financing

Funding Source(s)	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Transfer From Stormwater	0	0	0	0	42,000	493,000	535,000
Total	0	0	0	0	42,000	493,000	535,000

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

City of Concord, North Carolina

Fiscal Year 2020-21 through 2024-25 Capital Improvement Plan

Section 1	CIP Title	Miramar Culvert Replacement - Miramar Drive				Budget Unit #	7103		
Budget Unit	Stormwater Projects	Functional Area	Stormwater			Priority Rank	12		
Total CIP Cost	Total Appropriations to date	Budget Year 1 FY2020-21	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP	
			Year 2 FY2021-22	Year 3 FY2022-23	Year 4 FY2023-24	Year 5 FY2024-25		<input type="checkbox"/> New	<input type="checkbox"/> Expansion
			<input type="checkbox"/> Replacement	<input type="checkbox"/> Renovation					
			<input checked="" type="checkbox"/> Land/ROW Acq. Required						
681,000	0	0	0	0	0	0	681,000		

Section 2 Description

This culvert replacement and upsizing under Miramar 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 Three Mile Branch Master Plan.

Section 3 Capital Costs

Activity	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Design, R/W and Construction	0	0	0	0	0	681,000	681,000
Total Capital Cost	0	0	0	0	0	681,000	681,000

Section 4 New or Additional Impact on Operating Budget

Type of Expenditure	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Total							

Section 5 Method(s) of Financing

Funding Source(s)	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Transfer From Stormwater	0	0	0	0	0	681,000	681,000
Total	0	0	0	0	0	681,000	681,000

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

City of Concord, North Carolina

Fiscal Year 2020-21 through 2024-25 Capital Improvement Plan

Section 1	CIP Title	Glenwood Drive Culvert Replacement				Budget Unit #	7103		
Budget Unit	Stormwater Projects	Functional Area	Stormwater			Priority Rank	13		
Total CIP Cost	Total Appropriations to date	Budget Year 1 FY2020-21	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP	
			Year 2 FY2021-22	Year 3 FY2022-23	Year 4 FY2023-24	Year 5 FY2024-25		<input 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 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	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 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
---------------------	------------	------------	------------	------------	------------	-------------	-------

Total

Section 5 Method(s) of Financing

Funding Source(s)	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Transfer from Stormwater	0	0	0	0	0	862,000	862,000
Total	0	0	0	0	0	862,000	862,000

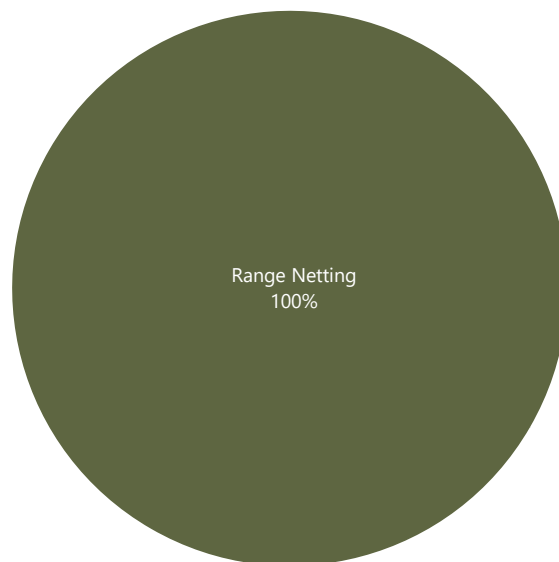
Section 6 Maps / Charts / Tables / Pictures **Section 7** Comments for Other Depts.

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.

	2020-2021 Approved	2021-2022 Planning Yr.	2022-2023 Planning Yr.	2023-2024 Planning Yr.	2024-2025 Planning Yr.	Future Planning Yr.
Expenses By Project						
Range Netting	\$ 100,000	\$ -	\$ -	\$ -	\$ -	\$ -
Total	\$ 100,000	\$ -	\$ -	\$ -	\$ -	\$ -

FY 2021 Rocky River Golf Course Capital Project



	2020-2021 Approved	2021-2022 Planning Yr.	2022-2023 Planning Yr.	2023-2024 Planning Yr.	2024-2025 Planning Yr.	Future Planning Yr.
Revenues by Funding Source						
Transfer From General Capital Reserve	\$ 100,000	\$ -	\$ -	\$ -	\$ -	\$ -
Total	\$ 100,000	\$ -	\$ -	\$ -	\$ -	\$ -

City of Concord, North Carolina

Fiscal Year 2020-21 through 2024-25 Capital Improvement Plan

Section 1	CIP Title	Range Netting				Budget Unit #	7550		
Budget Unit	Golf Projects	Functional Area	Golf Course			Priority Rank	1		
Total CIP Cost	Total Appropriations to date	Budget Year 1 FY2020-21	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP	
			Year 2 FY2021-22	Year 3 FY2022-23	Year 4 FY2023-24	Year 5 FY2024-25		<input type="checkbox"/> New	<input type="checkbox"/> Expansion
							<input checked="" type="checkbox"/> Replacement	<input type="checkbox"/> Renovation	
			Land/ROW Acq. Required						
100,000	0	100,000	0	0	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 are not lost.

Section 3 Capital Costs

Activity	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Purchase of Range Netting	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 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Total							

Section 5 Method(s) of Financing

Funding Source(s)	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
Capital Reserve	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.

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 2021, of the CIP. For additional description and cost information, please see each project's individual page in the City's FY 2021-2025 Capital Improvement Plan.

How To Read Example:

Department:	
Project Title:	FY21 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:

Northwest/West Park Development	\$ 867,502
This project consists of the development one 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.	<i>Total Capital Cost:</i> \$11,516,558 <i>Total Operating Cost:</i> \$151,426 <i>Funding Source(s):</i> Bond Proceeds, Capital Reserve
Caldwell Park Improvements	\$ 500,000
This project consists of re-master planning and re-developing Caldwell Park. The plan will provide recommendations for possible renovation, improvements and additional amenities, which may include a splash pad. The project also includes a multi-use path along Irish Buffalo Creek, a part of the Carolina Thread Trail.	<i>Total Capital Cost:</i> \$6,801,000 <i>Total Operating Cost:</i> \$44,087 <i>Funding Source(s):</i> Bond Proceeds, Capital Reserve
Parking Lot Improvements - Mountain Bike Trail	\$ 195,000
This project is to develop and construct a gravel parking at the city-owned mountain bike trails located between 2nd St and Brown St. The lot will be located off of 2nd Street or Brown Street.	<i>Total Capital Cost:</i> \$195,000 <i>Total Operating Cost:</i> \$0 <i>Funding Source(s):</i> Capital Reserve
Parking Lot Improvements - Logan Multi-Purpose Center	\$ 242,000
This project is to develop parking at the city-owned lot across from Booker Street, and acquire/develop vacant Lincoln Street property adjacent to existing lot.	<i>Total Capital Cost:</i> \$289,000 <i>Total Operating Cost:</i> \$0 <i>Funding Source(s):</i> Capital Reserve
McEachern Greenway - Hospital Phase and Parking Lot	\$ 374,000
This project includes land acquisition, design and construction of McEachern Greenway. This project completes the McEachern Greenway in 4 phases.	<i>Total Capital Cost:</i> \$5,695,294 <i>Total Operating Cost:</i> \$72,094 <i>Funding Source(s):</i> Capital Reserve
Development of the Academy Recreation Center Complex	\$ 47,000
This project includes a re-master plan for the Academy Recreation Center Complex, including existing park facilities, the Academy Recreation Center, McInnis Aquatic Center, Historic Webb Field, and McAllister Field.	<i>Total Capital Cost:</i> \$12,781,875 <i>Total Operating Cost:</i> \$45,116 <i>Funding Source(s):</i> Capital Reserve
Hector H. Henry II Greenway- Mills at Rocky River Phase	\$ 61,460
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 Drake Mill Lane to the greenway trail.	<i>Total Capital Cost:</i> \$318,085 <i>Total Operating Cost:</i> \$0 <i>Funding Source(s):</i> Capital Reserve
Hartsell Park Improvements	\$ 85,000
This project re-develops Hartsell Park in the Silver Hill Community and will address the connectivity and accessibility between Hartsell Park and the Hartsell Recreation Center.	<i>Total Capital Cost:</i> \$1,101,000 <i>Total Operating Cost:</i> \$16,000 <i>Funding Source(s):</i> Capital Reserve
Hector H. Henry II Greenway- Riverwalk Phase	\$ 185,000
The project addresses bicycle, pedestrian, and greenway needs that were identified in the Parks & Recreation Master Plan along the Rocky River and part of the Riverwalk phase and Weddington Road phase.	<i>Total Capital Cost:</i> \$8,373,773 <i>Total Operating Cost:</i> \$0 <i>Funding Source(s):</i> Capital Reserve
Dorton Park Improvements	\$ 521,640
This project consists of re-developing Dorton Park according to a new Master Plan. Recommendations include a parking lot expansion, new playground, and improvements to existing trails including connection to the YMCA connector, under Poplar Tent, and connection to Kannapolis as part of the Coddle Creek Greenway.	<i>Total Capital Cost:</i> \$5,469,408 <i>Total Operating Cost:</i> \$0 <i>Funding Source(s):</i> Capital Reserve, Bond Proceeds

Wastewater Capital Projects:

Poplar Tent Road - Sewer Extension at Cobblestone Lane	\$ 360,000
This project will include the installation of approximately 770' of 8" diameter gravity sewer line along Poplar Tent Road from Cobblestone Lane to serve the property at 4901 Poplar Tent Road.	<i>Total Capital Cost:</i> \$360,000 <i>Total Operating Cost:</i> \$0 <i>Funding Source(s):</i> System Development Fees

Cold Water Creek Tributary Outfall to NC Highway 49	\$ 1,783,000
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 extend to NC Highway 49 in order to abandon the existing Raccoon Hollow Pump Station.	<i>Total Capital Cost:</i> \$8,713,000 <i>Total Operating Cost:</i> \$0 <i>Funding Source(s):</i> Bond Proceeds
Coddle Creek Tributary Outfall to Sunberry Lane	\$ 798,000
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 extend to Sunberry Lane in order to abandon the existing Province Green and Laurel Park Pump Stations.	<i>Total Capital Cost:</i> \$3,658,000 <i>Total Operating Cost:</i> \$0 <i>Funding Source(s):</i> Future Project Reserves, Transfer from Sewer
Union Street Streetscape - Wastewater	\$ 234,000
This project will consist of replacing sewer lines and manholes, sewer services, and other sewer infrastructure along Union Street for the purposes of completing the proposed Union Street Streetscape project.	<i>Total Capital Cost:</i> \$234,000 <i>Total Operating Cost:</i> \$0 <i>Funding Source(s):</i> Transfer from Sewer
Sewer Lining & Manhole Rehabilitation	\$ 1,000,000
This CIP project captures funding used for sewer lining and manhole rehabilitation. This item was previously placed in the operating budget, but was moved to the CIP to maintain records on how capacity funds are being spent.	<i>Total Capital Cost:</i> \$1,000,000 <i>Total Operating Cost:</i> \$0 <i>Funding Source(s):</i> System Development Fees
Transportation Capital Projects:	
Alfred M Brown Center Expansion Road	\$ 800,000
This project would complete the previously planned paving and construction of curb and gutter along the access road connecting the Alfred M. Brown Operations Center (BOC) expansion road from Alfred Brown Jr. Ct. to end of pavement that was constructed with the Traffic Management Center.	<i>Total Capital Cost:</i> \$800,000 <i>Total Operating Cost:</i> \$0 <i>Funding Source(s):</i> 2.25¢ Allocation from General Fund
Upfit of Former Cabarrus County Facility for Transportation Department	\$ 1,167,232
Purchase and upgrade the existing Cabarrus County Infrastructure and Asset Management Facility to meet the needs of the City's Transportation Admin and Traffic Services Divisions.	<i>Total Capital Cost:</i> \$1,167,232 <i>Total Operating Cost:</i> \$0 <i>Funding Source(s):</i> 2.25¢ Allocation from General Fund
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> Ongoing <i>Total Operating Cost:</i> \$0 <i>Funding Source(s):</i> 2.25¢ Allocation from General Fund, \$5 Vehicle Fees
I-85 Branding Project	\$ 200,000
This project consists of participating in the NCDOT TIP Project for the construction of gateway monuments at certain interchanges of I-85 and corridors into Concord.	<i>Total Capital Cost:</i> \$450,000 <i>Total Operating Cost:</i> \$0 <i>Funding Source(s):</i> 2.25¢ Allocation from General Fund
Fire & Life Safety Capital Projects:	
Fire Station #12	\$ 5,950,000
This project consists of land acquisition, design, engineering, and construction of a permanent station in the Roberta Rd. and Roberta Church Rd. area.	<i>Total Capital Cost:</i> \$9,763,338 <i>Total Operating Cost:</i> \$3,250,171 <i>Funding Source(s):</i> Financing Proceeds
Water Capital Projects:	
Poplar Tent Road 24" Water Line Extension	\$ 210,000
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> \$4,098,000 <i>Total Operating Cost:</i> \$0 <i>Funding Source(s):</i> System Development Fees
Raw Water Line at Coddle Creek Water Treatment Plant	\$ 3,600,000
This project is for the addition of a second raw water line from Lake Howell to Coddle Creek WTP.	<i>Total Capital Cost:</i> \$4,790,000 <i>Total Operating Cost:</i> \$0 <i>Funding Source(s):</i> Transfer from Water
Spring Street 8" Water Line Replacement	\$ 950,000
This project includes the replacement of approximately 3,500 linear feet of the existing 8" water line along Spring Street from Miller Avenue to Fryling Avenue.	<i>Total Capital Cost:</i> \$950,000 <i>Total Operating Cost:</i> \$0 <i>Funding Source(s):</i> Transfer from Water
US Highway 601 Pump Station Rehabilitation	\$ 250,000
Replacement of pumps and valves at the US Highway 601 pump station.	<i>Total Capital Cost:</i> \$250,000 <i>Total Operating Cost:</i> \$0 <i>Funding Source(s):</i> System Development Fees
Union Street Streetscape - Water	\$ 878,000
This project will consist of replacing water lines and valves, water services, and other water infrastructure along Union Street for the purposes of completing the proposed Union Street Streetscape project.	<i>Total Capital Cost:</i> \$878,000 <i>Total Operating Cost:</i> \$0 <i>Funding Source(s):</i> Transfer from Water

NC Highway 73 Water Main Connection to Charlotte Water	\$ 750,000
This project will provide a connection to the Charlotte Water system located near the NC Highway 73 and Poplar Tent Road intersection.	Total Capital Cost: \$750,000 Total Operating Cost: \$0 Funding Source(s): System Development Fees
General Services Drive 12" Parallel Water Line	\$ 64,000
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.	Total Capital Cost: \$500,000 Total Operating Cost: \$0 Funding Source(s): System Development Fees
Zion Church Road 12" Parallel Water Line	\$ 100,000
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.	Total Capital Cost: \$618,000 Total Operating Cost: \$0 Funding Source(s): System Development Fees
Coddle Creek Water Treatment Plant Dewatering Process Improvements	\$ 100,000
This project is to evaluate, design, and install the best option for the dewatering and solids handling process at the Coddle Creek WTP.	Total Capital Cost: \$7,000,000 Total Operating Cost: \$0 Funding Source(s): Future Projects, Transfer from Water
Poplar Tent Widening - East of I-85 to George Liles Blvd	\$ 200,000
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.	Total Capital Cost: \$2,200,000 Total Operating Cost: \$0 Funding Source(s): Future Projects, Transfer from Water
NC Highway 73 Widening - Poplar Tent Road to US Highway 29	\$ 400,000
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.	Total Capital Cost: \$4,400,000 Total Operating Cost: \$0 Funding Source(s): Future Projects, Transfer from Water

General Capital Projects:

Traffic Calming on General Services Drive	\$ 171,460
This project is for the installation of a roundabout on Alfred Brown Jr. Ct. SW heading to the BOC facilities adjacent to the Wellness Center drive entrance.	Total Capital Cost: \$271,460 Total Operating Cost: \$0 Funding Source(s): Future Projects
Union Street Streetscape	\$ 3,300,500
This project consists of new sidewalks; street trees and landscaping; signage and sidewalk furnishings; road striping; updates to the infrastructures; and 24 new smart light poles. The area of work is between Killarney Ave. and just below Corban Ave. near Rotary Square. Repaving and road striping on Barbrick Ave. is also included.	Total Capital Cost: \$3,800,500 Total Operating Cost: \$0 Funding Source(s): Capital Reserve
Joint Communications Facility	\$ 125,000
Currently, the Communications Center is located on the backside of Fire Station #3. The Radio Shop is located on the backside of Fire Station #7. The growing departmental needs are no longer being met at either location. This project would allow both the Communications Center and Radio Shop to be located at Fire Station #3.	Total Capital Cost: \$4,269,445 Total Operating Cost: \$77,299 Funding Source(s): Future Projects, Capital Reserve
Rutherford Cemetery Expansion - Inside the Fencing	\$ 28,640
This project consists of developing the remaining property within the fence line at Rutherford Cemetery to add an estimated 500 additional graves.	Total Capital Cost: \$154,000 Total Operating Cost: \$0 Funding Source(s): Capital Reserve
Rutherford Cemetery Expansion - 10.6 Acres Outside Fencing	\$ 50,000
Develop 10.6 acres outside the fence equaling 188,200 square feet of potential acreage, which if fully developed will yield approximately 4,000 grave sites.	Total Capital Cost: \$750,000 Total Operating Cost: \$0 Funding Source(s): Capital Reserve

Electric Capital Projects:

New Delivery #4/100 kV - Highway 29, Phase 1	\$ 5,000,000
This project will provide construction of a 100kV 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.	Total Capital Cost: \$11,479,912 Total Operating Cost: \$0 Funding Source(s): Transfer from Electric
100 kV Interconnect Between Delivery #4 and Sub E	\$ 1,000,000
This project provides interconnection 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.	Total Capital Cost: \$4,658,000 Total Operating Cost: \$0 Funding Source(s): Utility Capital Reserves
Construction of Substation R - Poplar Tent Road	\$ 500,000
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.	Total Capital Cost: \$4,010,000 Total Operating Cost: \$0 Funding Source(s): Transfer from Electric

Construction of Substation S - US Highway 601	\$ 3,510,000
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.	<i>Total Capital Cost:</i> \$4,036,624 <i>Total Operating Cost:</i> \$0 <i>Funding Source(s):</i> Transfer from Electric
Delivery #1 Replacement	\$ 300,000
This will provide for replacement of Delivery station #1 at Florence Ave.	<i>Total Capital Cost:</i> \$2,825,000 <i>Total Operating Cost:</i> \$0 <i>Funding Source(s):</i> Transfer from Electric
Construction of Substation T - Concord Parkway, South	\$ 1,000,000
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.	<i>Total Capital Cost:</i> \$4,010,000 <i>Total Operating Cost:</i> \$0 <i>Funding Source(s):</i> Utility Capital Reserves
Construction of Substation U - Cabarrus Arena	\$ 1,000,000
This project will provide an additional 44kV/12.4kV distribution substation to handle growing capacity needs in the City's Eastern service area and enhance the integrity of the current and future electric service to our customers.	<i>Total Capital Cost:</i> \$5,545,000 <i>Total Operating Cost:</i> \$0 <i>Funding Source(s):</i> Utility Capital Reserves
Construction of Substation V - Weddington Road Extension Area	\$ 1,000,000
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.	<i>Total Capital Cost:</i> \$4,545,000 <i>Total Operating Cost:</i> \$0 <i>Funding Source(s):</i> Utility Capital Reserves
Construction of Electric Operations Center	\$ 1,500,000
This project will provide a new state-of-the-art Operations Center for use by the Electric Systems Department.	<i>Total Capital Cost:</i> \$19,380,500 <i>Total Operating Cost:</i> \$0 <i>Funding Source(s):</i> Bond Proceeds
Union Street Streetscape - Electric	\$ 1,108,220
This is the cost associated with the Electric Department cost.	<i>Total Capital Cost:</i> \$1,108,220 <i>Total Operating Cost:</i> \$0 <i>Funding Source(s):</i> Transfer from Electric

Stormwater Capital Projects:	
Duval Street Culvert Replacement	\$ 1,112,000
This culvert replacement and upsizing under Duval Street is to reduce flooding risk to neighborhood homes and replace aging infrastructure.	<i>Total Capital Cost:</i> \$1,112,000 <i>Total Operating Cost:</i> \$0 <i>Funding Source(s):</i> Transfer from Stormwater
Dylan Place Culvert Replacement - Upper & Lower	\$ 130,000
These culvert replacements and upsizings under Dylan Place in two locations is to reduce flooding risk to neighborhood homes and replace aging infrastructure.	<i>Total Capital Cost:</i> \$1,552,000 <i>Total Operating Cost:</i> \$0 <i>Funding Source(s):</i> Transfer from Stormwater
Union Street Streetscape - Stormwater	\$ 436,000
This project will consist of replacing storm drain lines and boxes, and other stormwater infrastructure along Union Street for the purposes of completing the proposed Union Street Streetscape project.	<i>Total Capital Cost:</i> \$436,000 <i>Total Operating Cost:</i> \$0 <i>Funding Source(s):</i> Transfer from Stormwater

Rocky River Golf Course Capital Projects:	
Range Netting	\$ 100,000
This project is for the expansion of the existing range netting at RRGC to allow for potential usage during events at the Drag Strip.	<i>Total Capital Cost:</i> \$100,000 <i>Total Operating Cost:</i> \$0 <i>Funding Source(s):</i> Capital Reserve

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 the Strategic Plan, Council Goal, or any other planning documents/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 updated in the budget system before the scheduled budget review meeting.

City of Concord, North Carolina
Fiscal Year 2020-21 through 2024-25 Capital Improvement Plan

Section 1		CIP Title				Budget Unit #			
Budget Unit		Functional Area				Priority Rank			
Total CIP Cost	Total Appropriations to date	Budget Year 1 FY2020-21	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP	
			Year 2 FY2021-22	Year 3 FY2022-23	Year 4 FY2023-24	Year 5 FY2024-25		<input type="checkbox"/> New <input type="checkbox"/> Replacement <input type="checkbox"/> Land/ROW Acq. Required	<input type="checkbox"/> Expansion <input type="checkbox"/> Renovation
Section 2		Description							

History, Status, or Impact if Delayed

Justification or Link to City Goals

Section 3 Capital Costs

Activity	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	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 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
---------------------	------------	------------	------------	------------	------------	-------------	-------

Total

Section 5 Method(s) of Financing

Funding Source(s)	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Future \$\$	Total
-------------------	------------	------------	------------	------------	------------	-------------	-------

Total

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

Strategic Plan Icon



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 Acronyms

BOC = Alfred M. Brown Operations Center

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

HCV = Housing Choice Vouchers

MPO = Metropolitan Planning Organization

NCGS = North Carolina General Statute

PIP = Pedestrian Improvement Plan

ROW = Right-of-Way

WSACC = Water & Sewer Authority of Cabarrus County

WTP = Water Treatment Plant