

FY2018-2022

# CAPITAL IMPROVEMENT PLAN (CIP)





Description: Cover photograph was taken along the McEachern Greenway, near downtown Concord.

Photo Credit: Robin Barham



## Mission

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

## Core Values

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

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

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

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

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

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

## Team Concord's Principles of Excellent Service

Concern for the Individual  
Professional Service  
Timeliness

Customer Focus  
Effective Communications  
Teamwork

Fair and Equitable Service  
Taking Ownership  
Great Service Recovery

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

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# Introduction & Summary Information

# Guide to the Sections of the FY 2018-2022 Capital Improvement Plan

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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 or included in another CIP project
- 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 2018 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 and Projects Previously Approved by City Council:** This section includes a brief summary of the City's capital improvement projects that are currently in-progress and those that were approved for funding in the first fiscal year of the CIP, or FY 2018. The CIP includes projects that are spread out over multiple years, and as such, this document also includes descriptions of previously approved projects that are currently in-progress. 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 Finance Department at:  
(704) 920-5261 or (704) 920-5263, or visit the City's website at:

<http://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 late fall, the City's capital project selection committee reviews and evaluates the proposed projects based on Mayor and City Council service priorities, infrastructure needs, the financial capacity of the city, and the impact the projects could have on the City's operating budgets.

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

## Capital Improvement Plan

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

## Operating Budget Impacts

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

**FY2018-2022 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	1/9/17	2/24/17							■	■	■			
Council and Community service level goals and objectives established by Mayor & City Council	1/26/17	1/27/17							■					
CIPs discussed during departmental budget meetings	2/17/17	3/15/17								■	■			
CIP selection committee review meetings	3/21/17	4/3/17									■	■		
City Manager's recommended budget containing CIPs presented to Mayor & City Council	5/30/17	5/30/17											■	
Budget available for public viewing at City Clerk's Office	5/30/17	6/30/17											■	■
Mayor & City Council review budget and performance objectives	5/30/17	6/8/17											■	■
Public Hearing conducted; CIP ordinance adopted by City Council	6/8/17 (Budget Public Hearing)	6/8/17 (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, 2017

The Honorable J. Scott Padgett, Mayor  
Members of the City Council  
Concord, North Carolina

Dear Mayor Padgett and Members of the City Council:

I'm pleased to present you the Capital Improvement Plan (CIP) for the fiscal years 2018-2022. 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 Council Goals, citizen requests, and departmental recommendations. A summary version of the CIP was provided with my recommended budget and fiscal year 2018 projects were included in the operating budget that City Council adopted on June 8, 2017. Subsequent fiscal year projects are unfunded and presented for planning purposes only.

### **Major Factors Impacting Capital Planning**

**Revenue** – All budgets are constrained by available revenues and that is no different for Concord. Capital projects are prioritized so that available funds are allocated based on need, Council priority, and their impact on service provision. Fiscal year 2018 includes funding for a variety of City projects, with a special emphasis on Parks & Recreation.

**Quality of Place/Green Space**- Parks & Recreation projects are a highlight of the FY 2018 CIP. Funding is included to begin development of the initial phase of the Coddle Creek greenway, design/ROW for the Hospital phase of the McEachern Greenway, and construction of the Riverwalk phase of the Hector H. Henry II Greenway. Renovations will be made to modernize and remodel the Burrage Road property to accommodate Parks and Recreation programming.

**Improving Traffic Conditions & Pedestrian Safety:** With the rapid growth the City is experiencing, the importance of transportation infrastructure cannot be understated. A number of projects are underway across the City to ease congestion-related traffic and improve pedestrian safety. Funding is appropriated to participate in the Brookwood Avenue NE Corridor enhancement, design a single lane mini-roundabout at the Spring/Chestnut/Broad intersection, and begin engineering work for an additional lane and sidewalk along US601 from Flowes Store Rd to Zion Church Rd/NC 49. Funding continues to expand sidewalks, improve sidewalks along Bruton Smith Blvd, and add pedestrian signal upgrades in Downton Concord.

**Technology:** Citizens expect their City to be technologically savvy. The FY 2018 CIP continues the expansion of the City's fiber network and provides funding for the conversion of Electric Delivery #3 to Solid State Relay.

**Maintenance of City Facilities**- As City facilities age, there is a need to renovate buildings to meet safety standards and citizen expectations. For the Fire department, design work will begin for a permanent Fire Station #10 and land acquisition funding has been allocated to purchase a site for future Station #12. Funding is provided to improve the Brown Operations Complex (BOC) through the construction of a round-a-bout to calm traffic on General Services drive and to up fit the Upper Laydown Yard to make it usable for current needs.



Electric will fund design of a new equipment shed at the BOC, construction of a New Delivery #4/100kv Interconnect to eliminate Duke's Delivery #2, and relocation lines as needed for various NCDOT projects. Water projects include updates to settling basins at Coddle Creek Water Treatment Plant, the rehabilitation of a pump station at Corban Avenue, and the construction of a new water tank at Highway 29. To maintain a high quality of play, the second phase of fairway bunker repairs is funded for Rocky River Golf Course.

**Environmental Protection-** Our environment is fragile and we realize the importance of being good stewards. The CIP continues to ensure our continuing attention to the undesired effects of stormwater run-off and its environmental impacts through the replacement of five stormwater culverts, funding for the stream restoration project, and four waterline expansions. The second phase of a wastewater outfall will be constructed along Havencrest Court. Funding is also included for the design portion of Three Mile Branch stream restoration at the McGee Park playground.

### **First-Year CIP Project Listing**

A total of \$19,424,270 in capital projects has been identified for FY2018. A list of all first-year projects and their primary funding sources (in parenthesis) can be found below. Additional project detail is available on the following pages of this CIP document.

#### **Parks & Recreation Capital Projects Fund**

- Three Mile Branch Stream Restoration – McGee Park Playground: \$30,000 (transfer from General Fund)
- Hector H. Henry, II Greenway Riverwalk Phase: \$1,581,000 (transfer from General Fund)
- Burrage Road House Renovations: \$181,044 (transfer from General Fund)
- McEachern Greenway Hospital Phase: \$90,000 (transfer from General Fund)
- Hartsell Recreation Center Renovations: \$30,188 (General Fund operating revenues)
- Coddle Creek Greenway Phase 1 Development: \$25,000 (transfer from General Fund)

#### **Wastewater Capital Projects Fund**

- Havencrest Court Sewer Outfall Phase 2: \$542,400 (transfer from Wastewater Fund)

#### **Transportation Capital Projects Fund**

- Infrastructure Improvements, Sidewalk Program: \$150,000 (vehicle fees)
- Brookwood Avenue NE Corridor Enhancement: \$1,470,207 (vehicle fees, 2¢ transfer)
- Bruton Smith Boulevard Pedestrian Improvements: \$800,000 (vehicle fees, 2¢ transfer)
- Spring, Chestnut, Broad Intersection Improvements: \$5,000 (vehicle fees)
- US601/Flowes Store Road Improvements: \$225,000 (vehicle fees, CMAQ grant)
- Union Street, South Sidewalk Extension: \$10,000 (transportation alternative program)
- Downtown Pedestrian Signal Upgrade: \$70,000 (transportation alternative program)

#### **Fire Capital Projects Fund**

- Fire Station #10 Permanent Station: \$319,921 (transfer from General Fund)
- Fire Station #12: \$240,000 (transfer from general capital reserves)
- Generator Relocation: \$50,000 (transfer from General Fund)

#### **General Capital Projects Fund**

- Traffic Calming on General Services Drive: \$100,000 (transfer from General Fund)
- Fiber Network Extension: \$200,000 (transfer from City departments)
- Operations Center Improvements – Upper Laydown Yard: \$500,000 (transfer from General Fund)

#### **Stormwater Projects Fund**

- Hanover Drive Culvert Replacement: \$601,000 (transfer from Stormwater)

- Havencrest Court Culvert Replacement: \$849,000 (transfer from Stormwater)
- Stream Restoration: \$465,610 (transfer from Stormwater)
- Glen Eagles Lane Culvert Replacement: \$36,700 (transfer from Stormwater)
- Chadborne Avenue Culvert Replacement: \$54,500 (transfer from Stormwater)
- Chelwood Drive Replacement: \$53,700 (transfer from Stormwater)

**Electric Projects Fund**

- Solid State Relay Conversion for Delivery #3: \$350,000 (transfer from Electric Fund)
- New Delivery #4 & 100kV Interconnected – Phase 1: \$370,000 (transfer from Electric)
- Large Truck/Equipment Shed: \$100,000 (transfer from Electric Fund)
- NCDOT Line Relocations: \$1,673,000 (NCDOT Reimbursement)

**Water Projects Fund:**

- Coddle Creek Settling Basin Upgrades: \$1,500,000 (transfer from Water Fund)
- George Liles Boulevard Waterline Phase 3: \$300,000 (transfer from Water Fund)
- US Highway 29 Water Tank: \$5,000,000 (transfer from Water Fund)
- Poplar Tent Road 24" Water Line Extension: \$332,000 (transfer from Water Fund)
- Pitts School Road 24" Water Line Extension: \$137,000 (transfer from Water Fund)
- NC Highway 49 30" Water Line Extension: \$753,000 (transfer from Water Fund)
- Corban Avenue Pump Station Rehabilitation: \$137,000 (transfer from Water Fund)

**Rocky River Golf Course:**

- Irrigation Repairs & Bunker Replacement: \$92,000 (transfer from General Fund)

**First-Year Revenue Sources**

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

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

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

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

**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,



W. Brian Hiatt  
City Manager

## FY 2017-2018 CITY COUNCIL GOALS

On January 26 and 27, 2017, the Mayor and City Council held the annual planning session. The direction provided by the Mayor and Council during the planning session has been developed into a statement of goals for the City of Concord for FY 2017-2018. These goals guide budget development and implementation. In addition to this statement of goals, the City has also developed a set of financial policies that are approved by City Council to guide the City in the financial management of all funds. Although North Carolina local governmental units must adhere to the requirements set forth in the North Carolina Local Government Budget and Fiscal Control Act, the financial policies approved by City Council are often more stringent than State requirements to assure the City of Concord will continue to function in a very fiscally sound manner.

The FY 2017-2018 goals are presented according to functional areas. During the year, monthly functional meetings are held to monitor progress on these goals and to identify new issues that must be considered for long-range planning. City Departments are evaluated on their performance in meeting these goals.

### **General Government**

- Communicate legislative goals and agendas to representatives for both the Federal and State legislative processes.
- Continue to maintain a fund balance goal of 30 to 35 percent of General Fund expenditures and use fund balance only for non-recurring capital expenditures.
- Continue to include a performance measurement component in the external agency process, requiring monitoring, and reporting of performance outcomes for funded agencies.
- Continue to adhere to approved financial management policies that maintain the City's financial strength and integrity including continuation of conservative revenue estimates that reflect economic conditions and the aggressive pursuit of revenues collections.
- Continue to prepare the City's annual budget document in compliance with criteria established to obtain the Government Finance Officers Association's (GFOA) budget award and submit the document for review to the GFOA.
- Continue to maintain a sound financial position that results in bond ratings that are at least as beneficial as current ratings.
- Continue to update and re-adopt the Capital Improvement Program, detailing capital projects, estimated costs, and funding sources.
- Continue to maintain accounting systems in compliance with the NC Local Government Budget and Fiscal Control Act.
- Continue to prepare the Comprehensive Annual Financial Report (CAFR) in compliance with the required criteria in order to obtain the GFOA Certificate of Achievement for Excellence in Financial Reporting.
- Continue to finance capital costs so that future growth can help pay for major capital needs and improvements, but continue to use pay-as-go method for most other capital purchases.
- Continue to enhance partnership among management, directors, and Customer Service Advancement Team to serve our citizens and customers, apply best practices to enhance satisfaction levels, and focus on continuous improvement.
- Continue to support the recognized neighborhood program and seek opportunities to enhance the quality of relationships, strengthen communications, and build capacity of neighborhood leaders.

## **Transportation**

- Continue to routinely monitor projects and consider participation in additional projects to assure Transportation Fund revenues are being used to fund highest priorities and funds are available for local matches to leverage additional projects with a focus on City infrastructure.
- Continue, at a minimum, appropriating existing revenue amounts using 2-cents of the Ad Valorem tax and \$5.00 of the Vehicle tax for the Transportation Fund.
- Continue to maintain the \$400,000 minimum balance in the Transportation Fund.
- Budget \$150,000 annually within the Transportation Fund to implement priorities in the Pedestrian Improvement Plan based on established policy.
- Continue efforts to secure funding for Congestion Mitigation Air Quality (CMAQ), Federal Transportation, Community, and System Preservation Program (TCSP), Economic Enhancement, Highway Safety Improvement (HSIP), and small construction projects from the federal government and/or the NCDOT, and continue to coordinate associated local activities with NCDOT Division 10.
- Continue to apply funding revenues toward City infrastructure rehabilitation projects not addressed under routine maintenance programs.
- Allocate General Fund capital reserves to the Concord Farms realignment project, should matching dollars be available, and use the Transportation Fund for other projects.
- Explore if there are potential funding partners for the Rider Express concept to provide a regional transit connection to the CATS Blue Line Extension.

## **Environment/Solid Waste and Recycling**

- Continue emphasis on improving community appearance through regular street sweeping, litter pick-up and removal of signs that violate City ordinance.
- Continue to pursue strategies to reduce fuel consumption, including diversification of fueling methods, purchasing hybrid vehicles when possible, replacing aging light-duty vehicles with smaller more fuel-efficient vehicles, increasing fuel storage capacity and the use of blended fuels and target goals to reduce overall fuel consumption.
- Transition existing commercial white paper recycling customers to receive biweekly commingled collection from Waste Pro, allowing Solid Waste staff to support other areas of need.

## **Utilities**

- Consider funding the identified Phase 1 water system improvements during the upcoming budget process.
- Continue to educate the public and all system customers on the importance of water conservation.
- Continue to pursue strategies to promote water conservation, water re-use, and investigate alternatives to reducing individual water use.
- Continue to work with WSACC to develop a plan to reuse water for irrigation and other permitted purposes.
- Continue to enforce consistent rights-of-way protection policy to include notification of property owners relative to existing obstructions, conflicts, or structures within the utility right-of-way.
- Continue the current practice of only maintaining stormwater systems on public rights of way, and seek alternate funding mechanisms and encourage private owners to do the same to address drainage issues on property outside of public rights of way.
- Consider approval of the highest ranking projects on the integrated Stormwater project list during the Stormwater CIP and budget review process.
- Consider a Stormwater fee adjustment for the FY18 budget, taking into consideration advice from the Stormwater Management Advisory Committee.
- Continue to follow the RW Beck recommendations for the Electric System.
- Allow the wholesale cost increases to be handled by the purchased power adjustment over the next few years that Duke has forecasted significant capital cost expenditures that will affect increases in the City's demand cost.
- Investigate ways to control/buffer these increases for customers through applying rate stabilization funds to the purchased power adjustment.
- Continue to match Duke Energy's avoided cost rate for purchase of renewable generation projects that attach to the City's system.

### **Planning/Economic Development/Redevelopment**

- Participate in and support the 2030 Land Use Plan update process, including working with large land owners on area plans and a focus on special luxury stores and mixed use office development and recruitment.
- Advocate for stability in state economic development efforts, and continue to support the Cabarrus Economic Development Corporation's work with strategic partners including the Charlotte Regional Partnership and Economic Development Partnership of NC, and the development of a strategic program of work to drive opportunities for growth in the presented sectors.
- Following the completion of the Land Use Plan update, consider expanding community input into other areas through an overall strategic planning process.
- Begin the strategic implementation of the Downtown Master Plan, and pursue reuse and marketing opportunities for the City's vacant Downtown properties.
- Continue to support the business recruitment and development efforts of the Concord Downtown Development Corporation (CDDC) in attracting new business and enhancing existing downtown businesses.
- Continue to work closely with economic development partners in Cabarrus County to present a complete coordinated recruitment and retention effort.
- Continue to regulate the design criteria for commercial development in accordance with the Concord Development Ordinance (CDO), with emphasis on low impact development.
- Continue the close working relationship between various City Departments on zoning and ordinance issues, and continue to use the methods in place to weigh the positives versus the negatives of future annexations.

### **Public Safety**

- Continue to explore opportunities to make Fire Station #1 on Church Street a museum if Fire Station #1 is relocated to another location in the future.
- Continue support of an Urban Archery Season consistent with state and local law.
- Continue to maintain code enforcement penalties and fees, with annual monitoring of potential changes in order to ensure that the penalties properly discourage code violations.
- Implement an intranasal naloxone program in the Police Department in partnership with Cabarrus County EMS.

### **Recreation/Parks/Open Space**

- Support the Parks and Recreation Comprehensive Master Plan, and consider what recommendations and strategies should be included in an action plan for the next five years. Budget recommendations should focus on facility connectivity and land acquisition, with City officials and staff keeping in mind all potential recreation uses when working with partners.
- Continue development the Hector H. Henry, II and McEachern Greenways, making full use of Carolina Thread Trail and Trust Funds money to acquire properties for future greenways if net cost to City is reduced.
- Support expanded programming on the greenways and cultural arts programming.

# Fund & Budget Unit Structure (FY 2017-2018)

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

## **GENERAL FUND**

### **FUND 100 – GENERAL FUND**

#### *General Government*

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

#### *Public Safety*

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

#### *Public Works*

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

#### *Economic Development*

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

#### *Cultural and Recreational*

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

## **SPECIAL REVENUE FUNDS**

### **FUND 201 – MUNICIPAL SERVICE DISTRICT FUND**

1. Municipal Service District – 5000

### **FUND 210 – SECTION 8 VOUCHER PROGRAM FUND**

1. Housing Vouchers Program – 1500

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

1. Addl. \$5 Vehicle Tax – 8200

### **FUND 310 – COMMUNITY DEVELOPMENT BLOCK GRANT FUND**

1. Administration – 3107
2. Projects – 3108

### **FUND 320 – HOME CONSORTIUM FUND**

1. Administration – 3205
2. Projects – 3206

## **ENTERPRISE FUNDS**

### **FUND 600 – STORMWATER FUND**

1. Stormwater Operations – 7100

### **FUND 610 – ELECTRIC SYSTEMS FUND**

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

### **FUND 620 – WATER RESOURCES FUND**

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

### **FUND 630 – PUBLIC TRANSIT FUND**

1. Rider Transit System – 7614

### **FUND 640 – WASTEWATER RESOURCES FUND**

1. Wastewaterlines Op. & Maint.– 7420

### **FUND 650 – GOLF COURSE FUND**

1. Rocky River Golf Club – 7501

### **FUND 680 – AVIATION FUND**

1. Aviation Operations – 4530

### **FUND 690 – PUBLIC HOUSING FUND**

1. Public Housing Operations – 1000

**INTERNAL SERVICES FUND**

**FUND 800 – INTERNAL SERVICES FUND**

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

**PROJECT FUNDS**

**FUND 420 – PARKS & RECREATION CAPITAL PROJECTS**

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

**FUND 421 – WASTEWATER CAPITAL PROJECTS**

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

**FUND 423 – TRANSPORTATION CAPITAL PROJECTS**

1. Streets Projects – 8600

**FUND 426 – FIRE & LIFE SAFETY PROJECTS**

1. Fire & Life Safety Projects – 8670

**FUND 429 – WATER CAPITAL PROJECTS**

1. Water Projects – 8700

**FUND 430 – GENERAL CAPITAL PROJECTS**

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

**FUND 451 –AIRPORT PROJECTS**

1. Airport Projects – 6300

**FUND 473 – ELECTRIC PROJECTS**

1. Electric Projects – 6949

**FUND 474 – STORMWATER PROJECTS**

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

**FUND 475 – ROCKY RIVER GOLF COURSE PROJECTS**

1. Golf Course – 7550

**FIRST CONCORD/DEBT SERVICE FUNDS**

**FUND 550 – 2010 LIMITED OBLIGATION**

1. 2010 LOBS – 7020

**FUND 552 – 2014 LOBS**

1. 2014 LOBS First Concord – 6990

**GOVERNMENTAL FUNDS**

**FUND 350 – MARKET RATE UNITS FUND**

1. Market Rate Units – 3500

**CAPITAL RESERVE FUNDS**

**FUND 282 – UTILITY CAPITAL RESERVE**

2. Utility Capital Reserve – 8120

**FUND 285 – GENERAL CAPITAL RESERVE PROJECTS**

3. Capital Reserve Expenditures – 8150

# Capital Improvement Plan, Budget, and Financial Policy

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## **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 1<sup>st</sup> year costs associated with a CIP request shall be entered in the department’s operating budget request in order to ensure that 1<sup>st</sup> year CIP costs are noted and included in the Manager’s Recommended Budget.
- E. Inclusion of expenditures for maintenance and/or staffing in the CIP:
  - 1. All operating, maintenance, and personnel budget expenditures associated with the purchase of a CIP item shall be included and noted in the annual operating budget. However, for reporting and future expenditure forecasting purposes, the estimated additional expenditures on operating, maintenance, and personnel shall be included on all CIP requests.

## **II. ORGANIZATIONAL ISSUES:**

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



City Manager, Deputy City Manager, Assistant City Manager, Director of Planning & Neighborhood Development, Finance Director, Budget & Performance Manager, Budget Analyst, and Director of Engineering.

D. Council review, recommendation, and adoption of CIP:

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

**III. EVALUATION OF PROJECT MERIT:**

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

**IV. FUNDING SOURCES:**

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

for which they are levied. Other sources of funds are needed to finance the improvements for which the assessments are later levied.

(f) *Property Secured Debt* – The capital item can be secured as collateral itself. Includes lease or installment purchase transactions and certificates of participation (COPS) or limited obligation bonds (LOBS).

2. *Non-debt methods (Also referred to as Pay-as-you-go, or Pay-Go)*

(a) *Current revenues* – The capital item can be acquired through existing revenues.

(b) *Capital reserves* – The capital item can be funded from City Council designated taxes or revenue streams that are set aside in a separate fund.

(c) *Capital recovery, facility, or impact fees* – Capital items may be financed from charges to benefiting property owners for major infrastructure or facilities that benefit that property. Charges can be levied and collected before infrastructure is built.

(d) *Fund Balance* – The capital item can be funded with unassigned operating fund balances.

(e) *Grants* – Funding of the capital item was secured upon application of a governmental grant (examples might include CDBG or HOME grants, law enforcement grants, or EPA water quality grants.)

(f) *Gifts* – The capital item may be purchased or acquired with restricted or non-restricted donations by citizens or corporations.

C. *Debt Limits*

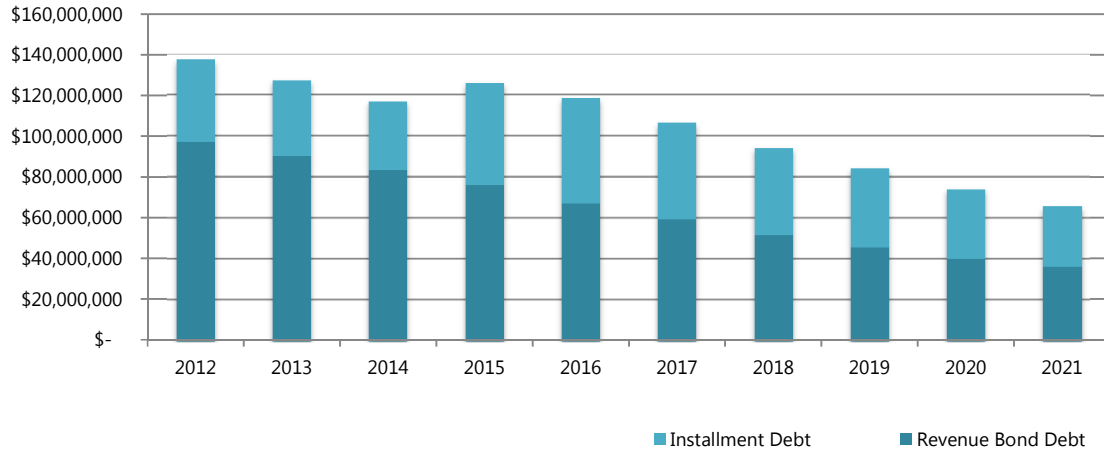
1. The City shall not exceed N.C.G.S. 159-55(c) limiting the amount of net bonded debt outstanding to 8% of appraised value of property subject to taxation, and
2. Annual G.O Bond debt service payments (principal and interest) shall not exceed 15% of the City's General Fund operating budget.

D. *Over or Underestimated Projects*

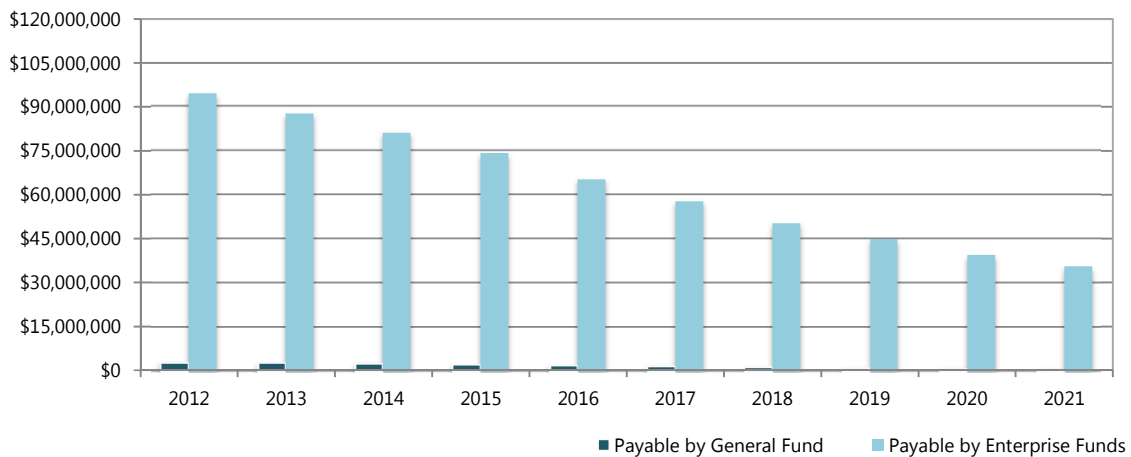
1. In the case of a capital project that is under or overestimated, projects will be evaluated on a case-by-case basis.

# City Debt Service By Type

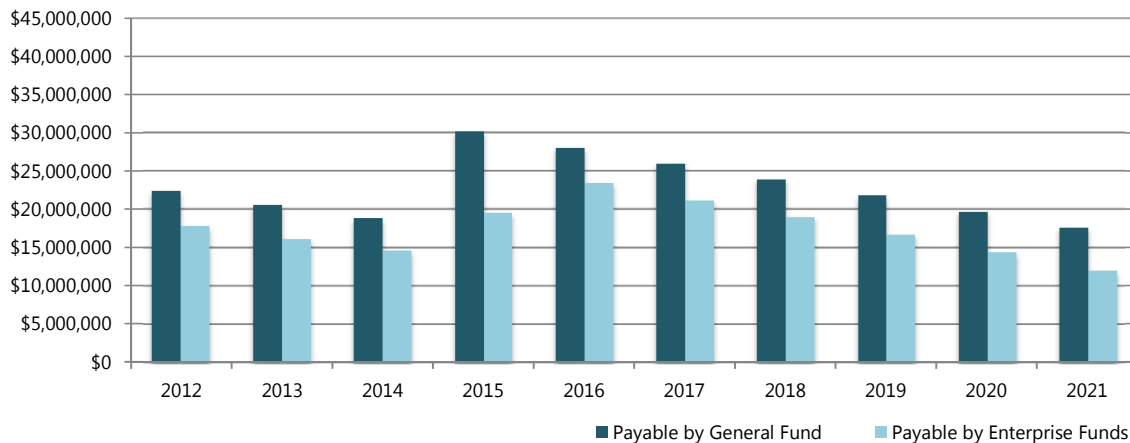
## Total City Debt Principal by Financing Method



## Revenue Bond Debt Principal



## Loans & Installment Notes Principal



City of Concord, North Carolina  
CAPITAL PROJECT ORDINANCE

BE IT ORDAINED by the City Council of 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, 2017 and ending June 30, 2018.

SECTION 1: CAPITAL RESERVE PROJECTS

General Fund – Capital Reserve Fund 285

Transfer to Capital Projects	\$240,000	
Transfer to General Fund	\$3,350,000	
From Future Project Reserves		\$3,590,000
	<u>\$3,590,000</u>	<u>\$3,590,000</u>

SECTION 2: GENERAL FUND CAPITAL PROJECTS

Recreation Projects Fund 420

3 Mile Branch-McGee Playground	\$30,000	
Coddle Creek Greenway	\$25,000	
Burrage Road House Improvements	\$165,000	
H. Henry Greenway Riverwalk	\$1,581,000	
McEachern Greenway– Hospital	\$90,000	
From the General Fund		\$1,891,000
	<u>\$1,891,000</u>	<u>\$1,891,000</u>

General Projects Fund 430

Traffic Calming-General Service Drive	\$100,000	
BOC-Upper Laydown Yard	\$500,000	
Fiber Network Extension	\$200,000	
Transfer from General Fund		\$751,332
Transfer from Stormwater Fund		\$4,232
Transfer from Electric Fund		\$18,621
Transfer from Water Fund		\$11,850
Transfer from Aviation Fund		\$7,617
Transfer from Wastewater Fund		\$6,348
	<u>\$800,000</u>	<u>\$800,000</u>

Fire Projects Fund 426

Fire Station #10	\$319,921	
Fire Station #12	\$240,000	
Fire Station #3 - Generator	\$50,000	
Transfer from General Capital Reserve Fund		\$240,000
Transfer from General Fund		\$369,921
	<u>\$609,921</u>	<u>\$609,921</u>

SECTION 3: OTHER FUND CAPITAL PROJECTS

Transportation Projects Fund 423

Pedestrian Improvements (Sidewalks)	\$150,000	
Brookwood Improvements	\$2,300,000	
Bruton Smith Blvd – Pedestrian Imp.	\$800,000	
US601 & Flow Store Road Imp.	\$225,000	
Spring, Chestnut & Broad Intersection	\$5,000	
Union Street Sidewalk Extension	\$10,000	
Downtown Pedestrian Signal Upgrade	\$70,000	
Future Projects		\$829,793
Vehicle Licenses \$5 Fee		\$350,000

Transfer from General Fund		\$2,139,207
CMAQ		\$185,000
TAP-Federal Funding		\$56,000
	<u>\$3,560,000</u>	<u>\$3,560,000</u>
 <u>Stormwater Projects Fund 474</u>		
Hanover Culvert	\$601,000	
Chelwood Culvert	\$53,700	
Stream Restoration	\$465,610	
Havencrest Culvert	\$849,000	
Glen Eagles Culvert	\$36,700	
Chadborne Culvert	\$54,500	
Transfer from Stormwater Fund		\$2,060,510
	<u>\$2,060,510</u>	<u>\$2,060,510</u>
 <u>Electric Projects Fund 473</u>		
Conversion #3 Relay Station	\$350,000	
Delivery #4	\$370,000	
Truck/Equipment Shed	\$100,000	
Sub E Relay	\$95,000	
Line Relocations –DOT	\$1,673,000	
Transfer from Electric Fund		\$915,000
DOT Funding		\$1,673,000
	<u>\$2,588,000</u>	<u>\$2,588,000</u>
 <u>Water Projects Fund 429</u>		
George Liles Blvd Line III	\$300,000	
US 29 Water Tank	\$5,000,000	
Coddle Creek Basin Upgrades	\$1,500,000	
Poplar Tent Waterline	\$332,000	
Pitt School Waterline	\$137,000	
NC Hwy 49 Waterline	\$753,000	
Corban Avenue Pump Restoration	\$137,000	
Transfer from Water Fund		\$8,159,000
	<u>8,159,0000</u>	<u>\$8,159,000</u>
 <u>Wastewater Projects Fund 421</u>		
Havencrest Outfall	\$542,400	
Transfer from Wastewater Fund		\$542,400
	<u>\$542,400</u>	<u>\$542,400</u>
 <u>Golf Projects Fund 475</u>		
Irrigation & Bunker Repairs	\$92,000	
Transfer from General Fund		\$92,000
	<u>\$92,000</u>	<u>\$92,000</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**

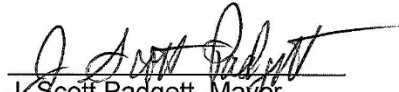
- a. The interfund transfer of monies, except as noted in Section 4, Paragraph C, shall be accomplished with Council authorization only.
- b. Any unused funds may be reappropriated to other funds with Council authorization only.


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 2017-18. The above revenues/expenditures shall extend from year to year until each individual project is completed and closed.

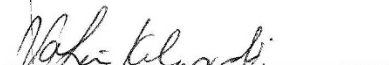
This Ordinance is approved and adopted this 8th day of June.

CITY COUNCIL  
CITY OF CONCORD  
NORTH CAROLINA

  
\_\_\_\_\_  
J. Scott Padgett, Mayor

ATTEST:   
\_\_\_\_\_  
Kim Deason, City Clerk



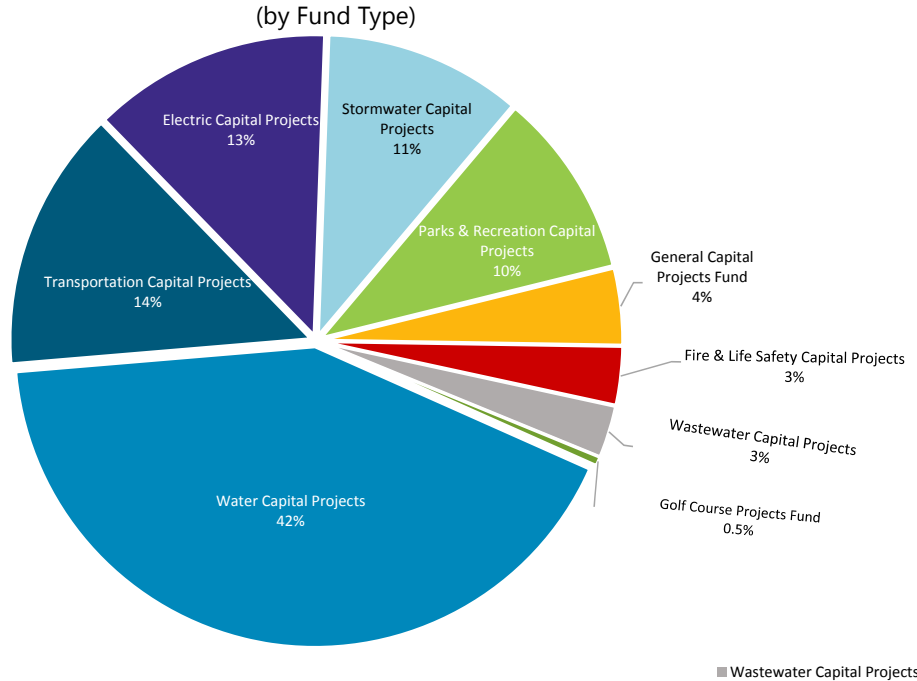
  
\_\_\_\_\_  
Valerie Kolczynski, City Attorney

# Detailed CIP Project Information

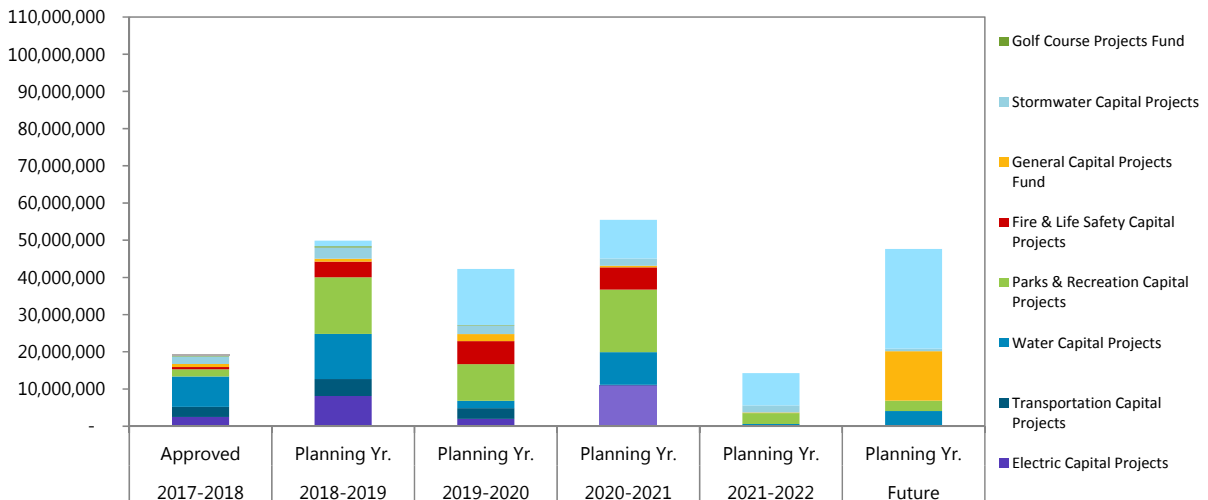
# Summary of City CIP Expenditures

By Fund	2017-2018 Approved	2018-2019 Planning Yr.	2019-2020 Planning Yr.	2020-2021 Planning Yr.	2021-2022 Planning Yr.	Future Planning Yr.
Parks & Recreation Capital Projects	1,937,232	15,221,000	9,850,000	16,790,110	2,903,110	2,800,000
Transportation Capital Projects	2,730,207	4,594,099	2,876,469	150,000	150,000	-
Fire & Life Safety Capital Projects	609,921	4,212,267	6,177,337	5,986,590	-	-
General Capital Projects Fund	800,000	810,000	1,865,000	426,000	200,000	13,275,000
Stormwater Capital Projects	2,060,510	2,984,600	2,329,700	1,934,300	1,885,500	718,000
Electric Capital Projects	2,493,000	8,129,912	2,000,000	11,021,948	-	-
Water Capital Projects	8,159,000	12,065,000	1,994,470	8,746,655	477,000	4,104,303
Wastewater Capital Projects	542,400	-	-	-	-	-
Golf Course Projects Fund	92,000	340,000	100,000	-	-	-
Airport Projects Fund	-	1,538,675	15,063,700	10,406,300	8,690,000	26,723,000
<b>Total Expenditures</b>	<b>\$ 19,424,270</b>	<b>\$ 49,895,553</b>	<b>\$ 42,256,676</b>	<b>\$ 55,461,903</b>	<b>\$ 14,305,610</b>	<b>\$ 47,620,303</b>

## FY 2018 CIP Expenditures by Project Fund



## FY 2018-2022 City-wide Planned Expenditures





# Operating Impacts Related to First-Year Projects

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Starting with the 2017-2018 fiscal year, 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. Not all projects have operating budget impacts, but those that will are outlined below. Capital equipment and vehicle purchases are directly budgeted in individual operating budgets and are no longer included in the CIP.

## Transfers from Operating Budgets

The majority of the funding for FY18 capital improvement projects comes from transfers from operating budgets. Revenues are generated through sources such as sales & property tax collections, user fees, and/or utility rates. The following amounts will be transferred from Operating funds to Capital Project funds:

General Fund:	\$3,104,253
Water Fund:	\$8,170,850
Electric Fund:	\$838,621
Stormwater Fund:	\$2,064,742
Wastewater Fund:	\$548,748
Aviation Fund:	\$7,617

## Additional Operating Impacts related to CIPs

### Fire:

**Fire Stations #10 and #12:** Design is funded for a permanent station #10 and land acquisition is funded for station #12. It is anticipated that completion of station #10 will impact the fire department's utility and maintenance budgets. Construction of a new station #12 will result in additional personnel costs due to increased staffing; as well as utility and maintenance costs, to be determined after designs are completed.

### Parks & Recreation:

**Hartsell Recreation Center Renovation:** Design changes necessitated the addition of 7 PT Recreation Center Leaders to properly manage the Center. Costs for these positions, benefits, and uniforms total \$88,417.

**Burrage Road House:** Renovations to convert what had been a private residence into an environmental programming space will cost the Parks & Recreation operating budget \$16,044 for furnishings. Exact costs are currently unknown, but adding an additional facility will increase the utilities and maintenance expenses for the department.

**Hector H. Henry II Greenway, Riverwalk/McEachern Greenway, Hospital Phase:** The opening of these greenway segments will create a need for a new Park Patrol Officer. Cost for the officer's salary, benefits, vehicles, and supplies will be \$124,691.

### Building & Grounds:

**Hartsell Recreation Center Renovation:** Design changes as a part of the renovation will require the conversion of a previously assigned PT Custodial position to a FT Custodian, resulting in an operating cost increase of \$23,488.

**McEachern Greenway, Hospital Phase:** With the Spring 2018 opening of additional greenway miles, Building & Grounds will add a Grounds Maintenance Worker starting at mid-year. The cost for this position and related supplies is \$32,144.

### Electric:

**Large Truck/Equipment Shed:** Shed design is funded in FY18. The design will inform future estimates for utility cost increases for heating, cooling, and lighting the building that will impact the Electric operating budget.

**Capital Improvement Plan Listing (CIP)**

Functional Area / Budget Units	CIP Title	Funding Source(s)	Total Appropriations to Date	FY 2018 Budget	Impact on FY 2018 Operating Budget	FY 2019 Budget	Impact on FY 2019 Operating Budget	FY 2020 Budget	Impact on FY 2020 Operating Budget	FY 2021 Budget	Impact on FY 2021 Operating Budget	FY 2022 Budget	Impact on FY 2022 Operating Budget	Future (remainder of project)	Total Budget Impact
<b>Parks &amp; Recreation Capital Projects - 420</b>															
P&R - Capital Projects 8300	Three Mile Branch Stream Restoration - McGee Park Playground	Transfer from General Fund		30,000		180,000									210,000
Hector H. Henry II Greenway 8311	Hector H Henry II Greenway, Riverwalk Phase Development	Transfer from General Fund	445,585	1,581,000											1,581,000
P&R - Capital Projects 8300	Burrage Road House Renovations	Transfer from General Fund	309,540	165,000	16,044										181,044
McEachern Greenway 8312	McEachern Greenway, Hospital Phase Development	Transfer from General Fund		90,000											90,000
P&R - Capital Projects 8300	Hartsell Recreation Center Renovations	General Fund Operating Revenues	1,945,000		30,188										30,188
	Coddle Creek Greenway Phase One Development	Transfer from General Fund		25,000		700,000									725,000
	Northwest Park Development	Transfer from General Fund	5,031			2,250,000		7,000,000			37,000				9,287,000
	Acquisition of Land for NEW Parks	Transfer from General Fund				6,750,000									6,750,000
	McEachern Greenway Parking Lot	Transfer from General Fund				300,000									300,000
McEachern Greenway 8312	Fink Phase Development	General Fund Operating Revenues	2,507,330							103,110					103,110
P&R - Capital Projects 8300	Coddle Creek Greenway Phase Two Development	Transfer from General Fund				40,000		2,000,000							2,040,000
	Webb Field Renovations	Transfer from General Fund				40,000		500,000							540,000
Hector H. Henry II Greenway 8311	Hector H Henry II Greenway, Airport Phase	Grant, Transfer from General Fund	80,500			1,911,000							103,110		2,014,110
P&R - Capital Projects 8300	Moss Creek to Kannapolis Bridge	Grant, Transfer from General Fund				250,000									250,000
	Park Lighting Project	Transfer from General Fund	56,491					250,000		150,000					400,000
	WW Flowe Park Phase Two	Transfer from General Fund						100,000		6,000,000					6,100,000
	Greenway Development, TBA Part One	Transfer from General Fund				2,800,000								2,800,000	5,600,000
	Central Neighborhood Park Development	Transfer from General Fund							5,500,000						5,500,000
	Greenway Development, TBA Part Two	Transfer from General Fund									2,800,000				2,800,000
	North District Park Development	Transfer from General Fund								5,000,000					5,000,000
<b>Parks &amp; Recreation Capital Projects CIP Total - Expense</b>			<b>5,349,477</b>	<b>1,891,000</b>	<b>46,232</b>	<b>15,221,000</b>		<b>9,850,000</b>		<b>16,650,000</b>	<b>140,110</b>	<b>2,800,000</b>	<b>103,110</b>	<b>2,800,000</b>	<b>49,501,452</b>
<b>Parks &amp; Recreation Capital Projects - Revenue Sources &amp; Totals</b>															
<b>Transfer From Gen Fund</b>				1,891,000	16,044	13,310,000		9,850,000		16,650,000		2,800,000		2,800,000	47,317,044
<b>Grant Proceeds</b>						400,000									400,000
<b>Operating Revenue</b>					30,188						140,110		103,110		273,408
<b>Transfer From P&amp;R Reserve</b>						1,511,000									1,511,000
<b>Parks &amp; Recreation Capital Projects CIP Total - Revenue</b>			<b>1,891,000</b>	<b>46,232</b>	<b>15,221,000</b>		<b>9,850,000</b>		<b>16,650,000</b>	<b>140,110</b>	<b>2,800,000</b>	<b>103,110</b>	<b>2,800,000</b>		<b>49,501,452</b>
<b>Wastewater Capital Projects Fund - 421</b>															
Wastewater Projects 8402	Havencrest Court Sewer Outfall Phase 2	Transfer from Wastewater		542,400											542,400
<b>Wastewater Capital Projects CIP Total - Expense</b>				<b>542,400</b>											<b>542,400</b>
<b>Wastewater Capital Projects Fund - Revenue Sources &amp; Totals</b>															
<b>Transfer From Sewer</b>					542,400										542,400
<b>Wastewater Capital Projects CIP Total - Revenue</b>				<b>542,400</b>											<b>542,400</b>
<b>Transportation Capital Projects Fund - 423</b>															
Street Projects 8600	Infrastructure Projects - Pedestrian Improvement Sidewalks	\$5 Vehicle Fees		150,000		150,000		150,000		150,000		150,000			750,000
	Brookwood Ave NE Corridor Enhancement	\$5 Vehicle Fees, 2c Transfer from General Fund	2,602,400	1,470,207		2,300,000									3,770,207
	Bruton Smith Blvd Pedestrian Improvements	\$5 Vehicle Fee, 2c Transfer from General Fund		800,000											800,000
	Spring, Chestnut, Broad Intersection Improvements	\$5 Vehicle Fees		5,000		695,000									700,000
	US 601 at Flowes Store Rd Improvements	\$5 Vehicle Fees, CMAQ		225,000		185,000		1,951,469							2,361,469
	Bruton Smith Blvd at Weddington Rd., NW Intersection Improvements	CMAQ, Transfer from GF/Vehicle Fees				182,099									182,099
	Union St., S Sidewalk Extension	\$5 Vehicle Fees, Transportation Alternative Program (TAP)		10,000		390,000									400,000
	Downtown Pedestrian Signal Upgrade	\$5 Vehicle Fees, Transportation Alternative Program (TAP)		70,000		242,000									312,000
	I-85 Branding Project	Transfer from GF/Vehicle Fees				250,000									250,000
	Dorland Ave Realignment Phase II	Transfer from GF/Vehicle Fees				200,000		775,000							975,000
<b>Transportation Capital Projects CIP Total - Expense</b>			<b>2,602,400</b>	<b>2,730,207</b>		<b>4,594,099</b>		<b>2,876,469</b>		<b>150,000</b>		<b>150,000</b>			<b>10,500,775</b>
<b>Transportation Capital Projects - Revenue Sources &amp; Totals</b>															
<b>Vehicle License-Additional \$5</b>				2,489,207		3,786,820		1,315,293		150,000		150,000			7,891,320
<b>CMAQ Grant</b>				185,000		293,672		1,561,176							2,039,848
<b>Federal Aid</b>				56,000		513,600									569,600
<b>Transportation Capital Projects CIP Total - Revenue</b>			<b>2,730,207</b>		<b>4,594,092</b>		<b>2,876,469</b>		<b>150,000</b>		<b>150,000</b>				<b>10,500,768</b>
<b>Fire &amp; Life Safety Projects - 426</b>															
Fire Station Projects 8670	Fire Station #10 Permanent Station	Transfer from General Fund		319,921		3,862,267									4,182,188
	New Engine Company & Crew for Fire Station 11	Capital Reserve, Operating Revenue							1,677,337						1,677,337
	Fire Station 12	Capital Reserve		240,000		350,000		4,500,000							5,090,000
	Training Facility	Capital Reserve								5,986,590					5,986,590

**Capital Improvement Plan Listing (CIP)**

	Generator Relocation	Transfer from General Fund for Generator Moving	101,000	50,000																		50,000	
<b>Fire &amp; Life Safety Projects CIP Total - Expense</b>			<b>101,000</b>	<b>609,921</b>		<b>4,212,267</b>		<b>4,500,000</b>	<b>1,677,337</b>	<b>5,986,590</b>												<b>16,986,115</b>	
<b>Fire &amp; Life Safety Projects Fund - Revenue Sources &amp; Totals</b>																							
		Transfer From Gen Fund		369,921		3,862,267																4,232,188	
		Operating Revenue						943,087	1,677,337													943,087	
		Transfer From Gen Cap Reserve		240,000		350,000		5,234,250		5,986,590												11,810,840	
<b>Fire &amp; Life Safety Projects CIP Total - Revenue</b>				<b>609,921</b>		<b>4,212,267</b>		<b>6,177,337</b>	<b>1,677,337</b>	<b>5,986,590</b>												<b>16,986,115</b>	
<b>Water Capital Projects - 429</b>																							
Water Projects 8700	George Liles Boulevard Water Line Phase 3	Transfer from Water	1,477,621	300,000																		300,000	
	Coddle Creek WTP Settling Basin Upgrades	Transfer from Water	225,000	1,500,000		3,000,000																4,500,000	
	US Highway 29 Water Tank	Transfer from Water		5,000,000																		5,000,000	
	Poplar Tent Road 24" Water Line Extension	Transfer from Water		332,000		1,553,000																1,885,000	
	Pitts School Road 24" Water Line Extension	Transfer from Water		137,000		683,000																820,000	
	NC Highway 49 30" Water Line Extension	Transfer from Water		753,000		3,766,000																4,519,000	
	Corban Avenue Pump Station Rehabilitation	Transfer from Water		137,000																		137,000	
	Coddle Creek WTP Switchgear Replacement	Transfer from Water				1,485,000																1,485,000	
	Roberta Road 8" Water Line Replacement	Transfer from Water				500,000																500,000	
	TRS for Midland Tank and Mt. Pleasant Tank	Transfer from Water				750,000		750,000														1,500,000	
	Hillgrove WTP Rapid Mix Basin Rehabilitation	Transfer from Water				100,000																100,000	
	Coddle Creek WTP Biofilter Installation	Transfer from Water				228,000																228,000	
	NC Highway 73 24" Water Line Kannapolis Parkway & Trinity Church Road	Transfer from Water						195,470		1,107,655												1,303,125	
	Hillgrove WTP Settling Basin Improvements	Transfer from Water						100,000		2,200,000												2,300,000	
	Upgrade Basin Valve Actuators at Hillgrove WTP	Transfer from Water						200,000														200,000	
	NC Highway 49 24" Water Line Extension	Transfer from Water						749,000		5,240,000												5,989,000	
	Resurface Clearwell #2 at Hillgrove WTP	Transfer from Water								130,000												130,000	
	General Services Drive 12" Parallel Water Line	Transfer from Water								32,000			218,000									250,000	
	Zion Church Road 12" Parallel Water Line	Transfer from Water								37,000			259,000									296,000	
	George Liles Blvd Waterline Phase IV	Transfer from Water																			2,875,000	2,875,000	
	Poplar Tent Road 12" Water Line Extension at NC Highway 73	Transfer from Water																			685,303	685,303	
	NC Highway 73 Water Main Connection to Charlotte Water	Transfer from Water																			544,000	544,000	
<b>Water Capital Projects CIP Total - Expense</b>			<b>1,702,621</b>	<b>8,159,000</b>		<b>12,065,000</b>		<b>1,994,470</b>		<b>8,746,655</b>		<b>477,000</b>		<b>4,104,303</b>								<b>35,546,428</b>	
<b>Water Capital Projects - Revenue Sources &amp; Totals</b>																							
		Transfer From Water		8,159,000		12,065,000		1,994,470		8,746,655		477,000		4,104,303								35,546,428	
<b>Water Capital Projects CIP Total - Revenue</b>				<b>8,159,000</b>		<b>12,065,000</b>		<b>1,994,470</b>		<b>8,746,655</b>		<b>477,000</b>		<b>4,104,303</b>									<b>35,546,428</b>
<b>General Capital Projects - 430</b>																							
BOC Admin Projects 8800	Traffic Calming on General Services Drive	Transfer from General Fund		100,000																		100,000	
	Operations Center Improvements - Upper Laydown Yard	Transfer from General Fund		500,000																		500,000	
General Projects 8804	Rutherford & West Concord Cemetery Expansions	Transfer from General Fund				500,000																500,000	
BOC Admin Projects 8800	Operations Center Improvements - Parking & Access Road	Capital Reserve				110,000				226,000			575,000									911,000	
General Projects 8804	Fiber Network Extension	Transfer from Aviation, Transfer from Electric, Transfer from Gen Fund, Transfer from Stormwater, Transfer from Wastewater, Transfer from Water	816,000	150,000	50,000	150,000	50,000	150,000	50,000	150,000	50,000	150,000	50,000	150,000	50,000							1,000,000	
BOC Admin Projects 8800	Operations Center Improvements - New Equipment Shelter	Capital Reserve						1,465,000	200,000													1,665,000	
	Fleet Services Facility	Debt Financing																				12,700,000	
<b>General Capital Projects CIP Total - Expense</b>			<b>816,000</b>	<b>750,000</b>	<b>50,000</b>	<b>760,000</b>	<b>50,000</b>	<b>1,615,000</b>	<b>250,000</b>	<b>376,000</b>	<b>50,000</b>	<b>150,000</b>	<b>50,000</b>	<b>13,275,000</b>								<b>17,376,000</b>	
<b>General Capital Projects - Revenue Sources &amp; Totals</b>																							
		Transfer From Gen Fund		713,498	37,834	613,498	37,834	113,498	37,834	113,498	37,834	113,498	37,834	113,498	37,834							1,856,660	
		Transfer From Gen Cap Reserve				110,000		1,465,000		226,000				575,000								2,376,000	
		Transfer Fr Stormwater		3,174	1,058	3,174	1,058	3,174	1,058	3,174	1,058	3,174	1,058	3,174	1,058							21,160	
		Transfer From Aviation		5,713	1,904	5,713	1,904	5,713	1,904	5,713	1,904	5,713	1,904	5,713	1,904							38,085	
		Transfer From Electric		13,966	4,655	13,966	4,655	13,966	4,655	13,966	4,655	13,966	4,655	13,966	4,655							93,105	
		Transfer From Sewer		4,761	1,587	4,761	1,587	4,761	1,587	4,761	1,587	4,761	1,587	4,761	1,587							31,740	
		Transfer From Water		8,888	2,962	8,888	2,962	8,888	2,962	8,888	2,962	8,888	2,962	8,888	2,962							59,250	
		Operating Revenue								200,000												200,000	
		Financing Proceeds																				12,700,000	
<b>General Capital Projects CIP Total - Revenue</b>				<b>750,000</b>	<b>50,000</b>	<b>760,000</b>	<b>50,000</b>	<b>1,615,000</b>	<b>250,000</b>	<b>376,000</b>	<b>50,000</b>	<b>150,000</b>	<b>50,000</b>	<b>13,275,000</b>								<b>17,376,000</b>	
<b>Airport Capital Projects - 451</b>																							
Airport Projects 6300	SDA Commercial Passenger Terminal Building Phase 2	Federal Grant, State Grant, Transfer from Aviation								7,382,000				8,000,000								15,382,000	
	Runway 20 EMAS	Federal Grant, State Grant, Transfer from Aviation				938,675		3,754,700														4,693,375	
	South Development Apron Expansion Phase 2	Federal Grant, State Grant, Transfer from Aviation				250,000		5,914,000														6,164,000	
	Airport Fire Station and Security Center	Federal Grant, State Grant, Transfer from Aviation											100,000	1,643,000								1,743,000	
	Airport Hangar Taxi lane Rehabilitation	Federal Grant, State Grant, Transfer from Aviation				100,000		2,060,000														2,160,000	

### Capital Improvement Plan Listing (CIP)

	East Side Airport Land Acquisition Area	Federal Grant, State Grant, Transfer from Aviation									5,090,000			5,090,000							
	North Apron Expansion Phase 3	Federal Grant, State Grant, Transfer from Aviation				250,000		1,750,000						2,000,000							
	New Relocated Airport Control Tower	Federal Grant, State Grant, Transfer from Aviation										3,700,000		3,700,000							
	FBO Terminal Building Rehabilitation	Capital Reserve, Public-Private Partnership										13,380,000		13,380,000							
	Corporate Hangar Development	Financing Proceeds									3,500,000			3,500,000							
	Myint Lane Airport Access Road	Transfer from Aviation						700,000						700,000							
	Myint Lane Airport Apron Development	Federal Grant, State Grant, Transfer from Aviation						150,000		1,200,000				1,350,000							
	Airport Helipads	Federal Grant, State Grant, Transfer from Aviation						410,000						410,000							
	North Internal Service Road	Federal Grant, State Grant, Transfer from Aviation						325,000		1,824,300				2,149,300							
	<b>Airport Capital Projects CIP Total - Expense</b>						1,538,675	15,063,700		10,406,300		8,690,000	26,723,000	62,421,675							
	<b>Airport Capital Projects - Revenue Sources &amp; Totals</b>																				
		Grant Proceeds				1,476,742		13,863,240		9,931,593		5,062,250	12,371,925	42,705,750							
		Transfer From Aviation				61,934		1,200,460		474,708		127,750	971,075	2,835,927							
		Other Income											6,400,000	6,400,000							
		Transfer From Cap Projects											6,980,000	6,980,000							
		Financing Proceeds										3,500,000		3,500,000							
	<b>Airport Capital Projects CIP Total - Revenue</b>						1,538,676	15,063,700		10,406,301		8,690,000	26,723,000	62,421,677							
	<b>Electric Capital Projects - 473</b>																				
Electric Projects 6949	Solid State Relay Conversion for Delivery 3	Transfer from Electric		350,000										350,000							
	New Delivery #4 & 100 kV Interconnected - Phase 1	Revenue Bonds, Transfer from Electric		370,000		7,329,912								7,699,912							
	Construction of 100 kV Sub at Delivery #4 - Phase 2	Revenue Bonds								5,351,651				5,351,651							
	Delivery #1 Replacement	Revenue Bonds						2,000,000						2,000,000							
	100 kV Transmission System - Close Western Loop	Revenue Bonds								5,670,297				5,670,297							
	Large Truck/Equipment Shed	Transfer from Electric		100,000		800,000								900,000							
	NCDOT Line Relocations	NCDOT Reimbursement		1,673,000										1,673,000							
	<b>Electric Capital Projects CIP Total - Expense</b>				2,493,000		8,129,912		2,000,000		11,021,948			23,644,860							
	<b>Electric Capital Projects - Revenue Sources &amp; Totals</b>																				
		Transfer From Electric		820,000		800,000								1,620,000							
		Bond Proceeds				7,329,912		2,000,000		11,021,948				20,351,860							
		NCDOT Share		1,673,000										1,673,000							
	<b>Electric Capital Projects CIP Total - Revenue</b>				2,493,000		8,129,912		2,000,000		11,021,948			23,644,860							
	<b>Stormwater Capital Projects - 474</b>																				
Stormwater Projects 7103	Hanover Drive Culvert Replacement	Transfer from Stormwater	125,032	601,000										601,000							
	Havencrest Court Culvert Replacement	Transfer from Stormwater		849,000										849,000							
Stream Restoration 7102	Stream Restoration	Transfer from Stormwater	1,599,796	465,610										465,610							
Stormwater Projects 7103	Kerr Street Culvert Replacement	Transfer from Stormwater				550,000								550,000							
	Brookwood Avenue Roadway Improvements	Transfer from Stormwater				900,000								900,000							
	Glen Eagles Lane Culvert Replacement	Transfer from Stormwater		36,700		330,300								367,000							
	Chadborne Avenue Culvert Replacement	Transfer from Stormwater	636,000	54,500		490,500								545,000							
	Chelwood Drive Culvert Replacement	Transfer from Stormwater	1,389,788	53,700		483,300								537,000							
	Dylan Place Culvert Replacement Upper & Lower	Transfer from Stormwater				95,700		861,300						957,000							
	Duval Street Culvert Replacement	Transfer from Stormwater				68,500		616,500						685,000							
	Farmwood Boulevard Culvert Replacement	Transfer from Stormwater				66,300		596,700						663,000							
	Bridlewood Drive Culvert Replacement	Transfer from Stormwater						102,200		919,800				1,022,000							
	Miramar Culvert Replacement	Transfer from Stormwater						112,400		496,800		514,800		1,124,000							
	Morris Glen Drive Culvert Replacement	Transfer from Stormwater						40,600		365,400				406,000							
	Yvonne Drive Culvert Replacements	Transfer from Stormwater								111,200		1,000,800		1,112,000							
	Spring Street Culvert Replacement	Transfer from Stormwater								41,100		369,900		411,000							
	Glenwood Drive Culvert Replacement	Transfer from Stormwater											718,000	718,000							
	<b>Stormwater Capital Projects CIP Total - Expense</b>				3,750,616		2,060,510		2,984,600		2,329,700		1,934,300	1,885,500	718,000	11,912,610					
	<b>Stormwater Capital Projects - Revenue Sources &amp; Totals</b>																				
		Transfer Fr Stormwater		2,060,510		2,984,600		2,329,700		1,934,300		1,885,500	718,000		11,912,610						
	<b>Stormwater Capital Projects CIP Total - Revenue</b>				2,060,510		2,984,600		2,329,700		1,934,300		1,885,500	718,000		11,912,610					
	<b>Rocky River Golf Course Projects - 475</b>																				
Golf Projects 7550	Irrigation Repairs & Bunker Restoration	Transfer from General Fund	199,650	92,000											92,000						
	Restroom Facility Construction	Transfer from General Fund				155,000								155,000							
	Range Netting	Transfer from General Fund						100,000						100,000							
	Golf Course Bridges	Transfer from General Fund				185,000								185,000							
	<b>Rocky River Golf Course Projects CIP Total - Expense</b>				199,650		92,000		340,000		100,000				532,000						
	<b>Rocky River Golf Course Projects - Revenue Sources &amp; Totals</b>																				
		Transfer From Gen Fund		92,000		340,000		100,000							532,000						
	<b>Rocky River Golf Course Projects CIP Total - Revenue</b>				92,000		340,000		100,000						532,000						
	<b>CITY OF CONCORD PROJECT TOTAL</b>				33,289,559		19,328,038		96,232		49,845,553		50,000	40,329,339	1,927,337	55,271,793	190,110	14,152,500	153,110	47,620,303	228,964,315

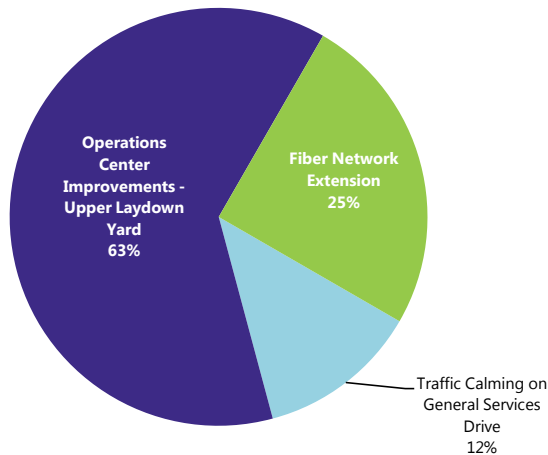
# Fund 430: General Capital Projects

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.

	2017-2018 Approved	2018-2019 Planning Yr.	2019-2020 Planning Yr.	2020-2021 Planning Yr.	2021-2022 Planning Yr.	Future Planning Yr.
<b>Expenses By Project</b>						
Traffic Calming on General Services Drive	\$ 100,000	\$ -	\$ -	\$ -	\$ -	\$ -
Operations Center Improvements - Upper Laydown Yard	\$ 500,000	\$ -	\$ -	\$ -	\$ -	\$ -
Rutherford & West Concord Cemetery Expansions	\$ -	\$ 500,000	\$ -	\$ -	\$ -	\$ -
Operations Center Improvements - Parking & Access Road	\$ -	\$ 110,000	\$ -	\$ 226,000	\$ -	\$ 575,000
Fiber Network Extension	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ -
Operations Center Improvements - New Equipment Shelter	\$ -	\$ -	\$ 1,665,000	\$ -	\$ -	\$ -
Fleet Services Facility	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 12,700,000
<b>Total</b>	<b>\$ 800,000</b>	<b>\$ 810,000</b>	<b>\$ 1,865,000</b>	<b>\$ 426,000</b>	<b>\$ 200,000</b>	<b>\$ 13,275,000</b>

	2017-2018 Approved	2018-2019 Planning Yr.	2019-2020 Planning Yr.	2020-2021 Planning Yr.	2021-2022 Planning Yr.	Future Planning Yr.
<b>Revenues by Funding Source</b>						
Transfer from General Fund	\$ 751,332	\$ 651,332	\$ 151,332	\$ 151,332	\$ 151,332	\$ -
Transfer from General Capital Reserve	\$ -	\$ 110,000	\$ 1,465,000	\$ 226,000	\$ -	\$ 575,000
Transfer from Stormwater	\$ 4,232	\$ 4,232	\$ 4,232	\$ 4,232	\$ 4,232	\$ -
Transfer from Aviation	\$ 7,617	\$ 7,617	\$ 7,617	\$ 7,617	\$ 7,617	\$ -
Transfer from Electric	\$ 18,621	\$ 18,621	\$ 18,621	\$ 18,621	\$ 18,621	\$ -
Transfer from Sewer	\$ 6,348	\$ 6,348	\$ 6,348	\$ 6,348	\$ 6,348	\$ -
Transfer from Water	\$ 11,850	\$ 11,850	\$ 11,850	\$ 11,850	\$ 11,850	\$ -
Operating Revenue	\$ -	\$ -	\$ 200,000	\$ -	\$ -	\$ -
Financing Proceeds	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 12,700,000
<b>Total</b>	<b>\$ 800,000</b>	<b>\$ 810,000</b>	<b>\$ 1,865,000</b>	<b>\$ 426,000</b>	<b>\$ 200,000</b>	<b>\$ 13,275,000</b>

## FY 2018 General Capital Projects



**City of Concord, North Carolina**

**Fiscal Year 2017-18 through 2021-22 Capital Improvement Plan**

<b>Section 1</b>	<b>CIP Title</b>	Operations Center Improvements - Upper Laydown Yard				<b>Budget Unit #</b>	8800		
<b>Budget Unit</b>	BOC Admin Projects		<b>Functional Area</b>	General Government		<b>Priority Rank</b>	1		
<b>Total CIP Cost</b>	Total Appropriations to date	Budget Year 1 FY2017-18	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP	
			Year 2 FY2018-19	Year 3 FY2019-20	Year 4 FY2020-21	Year 5 FY2021-22		<input type="checkbox"/> New	<input checked="" type="checkbox"/> Expansion
			<input type="checkbox"/> Replacement	<input type="checkbox"/> Renovation					
			<input type="checkbox"/> Land/ROW Acq. Required						
<b>500,000</b>	<b>0</b>	<b>500,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>500,000</b>		

**Section 2** **Description**

Several inventory items and utility materials require outdoor storage space due to indoor storage limitations. As services continue to expand, additional shelter space will be needed for heavy duty utility vehicles and equipment which will absorb the existing outdoor storage space. A 3.5 acre former landfill area was recommended in the Operation's Center Master Plan to provide this needed future outdoor storage space. The road accessing this site will need to be reinforced to support increased traffic demands.

**History, Status, or Impact if Delayed**

As the City grows, space for operations equipment will be very limited.

**Justification or Link to City Goals**

A space needs study was conducted for the Alfred M Brown Operations Center between 2008 and 2009. This master plan projected 20 years of improvement needs. Phase 1 of this plan included the development of a 3.5 acre laydown yard on City property behind the area leased to the County for hazardous materials/white goods collection and animal control operations.

**Section 3** **Capital Costs**

Activity	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
Clear/Grade/Site Prep	490,000	0	0	0	0	0	490,000
Design	10,000	0	0	0	0	0	10,000
<b>Total Capital Cost</b>	<b>500,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>500,000</b>

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

Type of Expenditure	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
<b>Total</b>							

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

Funding Source(s)	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
Transfer from General Fund	500,000	0	0	0	0	0	500,000
<b>Total</b>	<b>500,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>500,000</b>

**Section 6** **Section 7**

Maps / Charts / Tables / Pictures

Comments for Other Depts.

**City of Concord, North Carolina**

**Fiscal Year 2017-18 through 2021-22 Capital Improvement Plan**

<b>Section 1</b>	<b>CIP Title</b>	Operations Center Improvements - Parking & Access Road				<b>Budget Unit #</b>	8800		
<b>Budget Unit</b>	BOC Admin Projects	<b>Functional Area</b>	General Government			<b>Priority Rank</b>	2		
<b>Total CIP Cost</b>	Total Appropriations to date	Budget Year 1 FY2017-18	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP	
			Year 2 FY2018-19	Year 3 FY2019-20	Year 4 FY2020-21	Year 5 FY2021-22		<input type="checkbox"/> New	<input checked="" type="checkbox"/> Expansion
							<input type="checkbox"/> Replacement	<input type="checkbox"/> Renovation	
							<input type="checkbox"/> Land/ROW Acq. Required		
<b>911,000</b>	<b>0</b>	<b>0</b>	<b>110,000</b>	<b>0</b>	<b>226,000</b>	<b>0</b>	<b>911,000</b>		

**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 would consist of Intermediate Parking expansion of 24 parking places in the vicinity of the Department Head City vehicle parking behind the Admin Building. It is anticipated this will be completed in FY 17. Phase 2 (FY 19) would enhance the same area as identified in Phase 1 by expanding to a total of 45 parking places. Phase 3 (FY 21) would be the addition of 65 parking spaces to the lower side of the existing parking lot. Phase 4 (FY 23) would be adding the ring road to create better access/traffic flow into and out of the parking lot.

**Section 3** **Capital Costs**

Activity	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
Clear/Grade/Site Prep	0	110,000	0	226,000	0	575,000	911,000
<b>Total Capital Cost</b>	<b>0</b>	<b>110,000</b>	<b>0</b>	<b>226,000</b>	<b>0</b>	<b>575,000</b>	<b>911,000</b>

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

Type of Expenditure	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
<b>Total</b>							

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

Funding Source(s)	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
Capital Reserve	0	110,000	0	226,000	0	575,000	911,000
<b>Total</b>	<b>0</b>	<b>110,000</b>	<b>0</b>	<b>226,000</b>	<b>0</b>	<b>575,000</b>	<b>911,000</b>

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

Maps / Charts / Tables / Pictures

**City of Concord, North Carolina**

**Fiscal Year 2017-18 through 2021-22 Capital Improvement Plan**

<b>Section 1</b>	<b>CIP Title</b>	Operations Center Improvements - New Equipment Shelter				<b>Budget Unit #</b>	8800	
<b>Budget Unit</b>	BOC Admin Projects	<b>Functional Area</b>	General Government			<b>Priority Rank</b>	3	
<b>Total CIP Cost</b>	Total Appropriations to date	Budget Year 1 FY2017-18	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP
			Year 2 FY2018-19	Year 3 FY2019-20	Year 4 FY2020-21	Year 5 FY2021-22		
1,665,000	0	0	0	1,665,000	0	0	1,665,000	

**Section 2** **Description**

Facilities that house the City's infrastructure equipment, materials, and staff must be able to accommodate the City's changing needs. Within the next five years, it is anticipated that additional covered storage will be needed to protect an expanding fleet of heavy-duty vehicles and sensitive equipment from sun and rain exposure. This project includes the construction of a shelter similar in size and character to the existing equipment

**History, Status, or Impact if Delayed**

**Justification or Link to City Goals**

A space needs study was conducted for the Alfred M Brown Operations Center. This master plan projected 20 years of improvement needs. Phase I of this plan included the construction of three new equipment shelters and the extension of the four existing equipment shelters.

<b>Section 3</b>	<b>Capital Costs</b>							
<b>Activity</b>	<b>FY 2017-18</b>	<b>FY 2018-19</b>	<b>FY 2019-20</b>	<b>FY 2020-21</b>	<b>FY 2021-22</b>	<b>Future \$\$</b>	<b>Total</b>	
Clear/Grade/Site Prep	0	0	765,000	0	0	0	765,000	
Construction	0	0	700,000	0	0	0	700,000	
<b>Total Capital Cost</b>	<b>0</b>	<b>0</b>	<b>1,465,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,465,000</b>	

<b>Section 4</b>	<b>New or Additional Impact on Operating Budget</b>							
<b>Type of Expenditure</b>	<b>FY 2017-18</b>	<b>FY 2018-19</b>	<b>FY 2019-20</b>	<b>FY 2020-21</b>	<b>FY 2021-22</b>	<b>Future \$\$</b>	<b>Total</b>	
Design Work - Equipment Shelter CIP	0	0	200,000	0	0	0	200,000	
<b>Total</b>	<b>0</b>	<b>0</b>	<b>200,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>200,000</b>	

<b>Section 5</b>	<b>Method(s) of Financing</b>							
<b>Funding Source(s)</b>	<b>FY 2017-18</b>	<b>FY 2018-19</b>	<b>FY 2019-20</b>	<b>FY 2020-21</b>	<b>FY 2021-22</b>	<b>Future \$\$</b>	<b>Total</b>	
Capital Reserve	0	0	1,465,000	0	0	0	1,465,000	
Transfer from General Fund	0	0	200,000	0	0	0	200,000	
<b>Total</b>	<b>0</b>	<b>0</b>	<b>1,665,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,665,000</b>	

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

**Fiscal Year 2017-18 through 2021-22 Capital Improvement Plan**

<b>Section 1</b>	<b>CIP Title</b>	Fleet Services Facility				<b>Budget Unit #</b>	8800		
<b>Budget Unit</b>	BOC Admin Projects		<b>Functional Area</b>	Public Works		<b>Priority Rank</b>	4		
<b>Total CIP Cost</b>	Total Appropriations to date	Budget Year 1 FY2017-18	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP	
			Year 2 FY2018-19	Year 3 FY2019-20	Year 4 FY2020-21	Year 5 FY2021-22		<input checked="" type="checkbox"/> New	<input type="checkbox"/> Expansion
			<input type="checkbox"/> Replacement	<input type="checkbox"/> Renovation					
			<input type="checkbox"/> Land/ROW Acq. Required						
<b>12,700,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>12,700,000</b>		

**Section 2** **Description**

Replace the existing Fleet Facility with a larger facility built on the recently purchased 33 acres at the BOC. Identified as a priority in the BOC Space Needs Study, the larger facility will have to be sufficient for future growth, will incorporate fire apparatus, and present opportunities for the Radio Shop and Fire Logistics to be located in the new or old facility. Includes additional service road, fuel facility (has, diesel, CNG, electric) and parking conversion of the old fuel facility.

**History, Status, or Impact if Delayed**

BOC Space Needs Study dated 1/27/10 identifies the Fleet building as too small for current needs and future growth. Due to its location, the current building cannot be enlarged. Adverse impacts include: increased fleet downtime, which impacts all departments' ability to perform their jobs efficiently, increases costs, and reduces customer service.

**Justification or Link to City Goals**

The BOC Space Needs Study identified the fleet facility for replacement due to growth and the inability to expand the current building. The Concord fleet has nearly doubled in size since the design of the current fleet building, which has created the need for two shifts to accomplish required maintenance of the 1,000+ sized vehicle fleet. The additional requirements of maintaining the fire apparatus has added another 25 heavy-duty vehicles to Fleet's workload when facilitated the need to convert the current washbay to work space. The new facility would also provide needed staging areas for active and surplus equipment.

**Section 3** **Capital Costs**

Activity	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
Clear/Grade/Site Prep	0	0	0	0	0	3,140,000	3,140,000
Construction	0	0	0	0	0	6,860,000	6,860,000
Engineering/Architectural Services	0	0	0	0	0	720,000	720,000
Heavy Equipment/Apparatus	0	0	0	0	0	1,300,000	1,300,000
Light Equip/Furniture	0	0	0	0	0	500,000	500,000
Preliminary Design	0	0	0	0	0	180,000	180,000
<b>Total Capital Cost</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>12,700,000</b>	<b>12,700,000</b>

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

Type of Expenditure	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
<b>Total</b>							

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

Funding Source(s)	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
Debt Financing	0	0	0	0	0	12,700,000	12,700,000
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>12,700,000</b>	<b>12,700,000</b>

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

Maps / Charts / Tables / Pictures

**City of Concord, North Carolina**

**Fiscal Year 2017-18 through 2021-22 Capital Improvement Plan**

<b>Section 1</b>	<b>CIP Title</b>	Traffic Calming on General Services Drive				<b>Budget Unit #</b>	8800		
<b>Budget Unit</b>	BOC Admin Projects		<b>Functional Area</b>	Transportation		<b>Priority Rank</b>	5		
<b>Total CIP Cost</b>	Total Appropriations to date	Budget Year 1 FY2017-18	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP	
			Year 2 FY2018-19	Year 3 FY2019-20	Year 4 FY2020-21	Year 5 FY2021-22		<input checked="" type="checkbox"/> New	<input type="checkbox"/> Expansion
			<input type="checkbox"/> Replacement	<input type="checkbox"/> Renovation					
			<input type="checkbox"/> Land/ROW Acq. Required						
<b>100,000</b>	<b>0</b>	<b>100,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>100,000</b>		

**Section 2** Description

Install a round about on General Services Drive heading to BOC facilities adjacent to the current debris site entrance and future TMC entrance.

**History, Status, or Impact if Delayed**

**Justification or Link to City Goals**

Provide aesthetically pleasing entrance to BOC while forcing employees/guest to slow their vehicular speed prior to reaching BOC front gate.

**Section 3** Capital Costs

Activity	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
Construction	100,000	0	0	0	0	0	100,000
<b>Total Capital Cost</b>	<b>100,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>100,000</b>

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

Type of Expenditure	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
<b>Total</b>							

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

Funding Source(s)	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
Transfer from General Fund	100,000	0	0	0	0	0	100,000
<b>Total</b>	<b>100,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>100,000</b>

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

Will need input from Engineering and Transportation

**City of Concord, North Carolina**

**Fiscal Year 2017-18 through 2021-22 Capital Improvement Plan**

<b>Section 1</b>	<b>CIP Title</b>	Rutherford & West Concord Cemetery Expansions				<b>Budget Unit #</b>	8804	
<b>Budget Unit</b>	General Projects	<b>Functional Area</b>	Cemeteries			<b>Priority Rank</b>	1	
<b>Total CIP Cost</b>	Total Appropriations to date	Budget Year 1 FY2017-18	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP
			Year 2 FY2018-19	Year 3 FY2019-20	Year 4 FY2020-21	Year 5 FY2021-22		<input type="checkbox"/> New <input type="checkbox"/> Replacement <input type="checkbox"/> Land/ROW Acq. Required <input checked="" type="checkbox"/> Expansion <input type="checkbox"/> Renovation
500,000	0	0	500,000	0	0	0	500,000	

**Section 2** Description

Develop remaining property at Rutherford and West Concord Cemeteries to develop additional grave plots.

**History, Status, or Impact if Delayed**

If this CIP does not receive funding in FY19, cemeteries will run out of available plots.

**Justification or Link to City Goals**

The cost estimate includes site development, asphalt paving, storm water management, and utilities.

**Section 3** Capital Costs

Activity	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
Grading/Site Prep/Construction	0	500,000	0	0	0	0	500,000
<b>Total Capital Cost</b>	<b>0</b>	<b>500,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>500,000</b>

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

Type of Expenditure	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
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Total

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

Funding Source(s)	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
Transfer from General Fund	0	500,000	0	0	0	0	500,000
<b>Total</b>	<b>0</b>	<b>500,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>500,000</b>

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



Engineering has begun surveying the tree-covered area and will provide final design.

**City of Concord, North Carolina**

**Fiscal Year 2017-18 through 2021-22 Capital Improvement Plan**

<b>Section 1</b>	<b>CIP Title</b>	Fiber Network Extension					<b>Budget Unit #</b>	8804
<b>Budget Unit</b>	General Projects	<b>Functional Area</b>	General Capital				<b>Priority Rank</b>	2
<b>Total CIP Cost</b>	Total Appropriations to date	Budget Year 1 FY2017-18	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP
			Year 2 FY2018-19	Year 3 FY2019-20	Year 4 FY2020-21	Year 5 FY2021-22		<input type="checkbox"/> New <input type="checkbox"/> Replacement <input type="checkbox"/> Land/ROW Acq. Required <input checked="" type="checkbox"/> Expansion <input type="checkbox"/> Renovation
<b>1,816,000</b>	<b>816,000</b>	<b>200,000</b>	<b>200,000</b>	<b>200,000</b>	<b>200,000</b>	<b>200,000</b>	<b>1,000,000</b>	

**Section 2** **Description**

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 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
Construction of Fiber Lines	150,000	150,000	150,000	150,000	150,000	0	750,000
<b>Total Capital Cost</b>	<b>150,000</b>	<b>150,000</b>	<b>150,000</b>	<b>150,000</b>	<b>150,000</b>	<b>0</b>	<b>750,000</b>

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

Type of Expenditure	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
Maintenance Expenses	50,000	50,000	50,000	50,000	50,000	0	250,000
<b>Total</b>	<b>50,000</b>	<b>50,000</b>	<b>50,000</b>	<b>50,000</b>	<b>50,000</b>	<b>0</b>	<b>250,000</b>

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

Funding Source(s)	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
Transfer from Aviation	5,713	5,713	5,713	5,713	5,713	0	28,565
Transfer from Electric	13,966	13,966	13,966	13,966	13,966	0	69,830
Transfer from Gen Fund	113,498	113,498	113,498	113,498	113,498	0	567,490
Transfer from Stormwater	3,174	3,174	3,174	3,174	3,174	0	15,870
Transfer from Wastewater	4,761	4,761	4,761	4,761	4,761	0	23,805
Transfer from Water	8,888	8,888	8,888	8,888	8,888	0	44,440
Transfer from Aviation	1,904	1,904	1,904	1,904	1,904	0	9,520
Transfer from Electric	4,655	4,655	4,655	4,655	4,655	0	23,275
Transfer from General Fund	37,834	37,834	37,834	37,834	37,834	0	189,170
Transfer from Sewer	1,587	1,587	1,587	1,587	1,587	0	7,935
Transfer from Stormwater	1,058	1,058	1,058	1,058	1,058	0	5,290
Transfer from Water	2,962	2,962	2,962	2,962	2,962	0	14,810
<b>Total</b>	<b>200,000</b>	<b>200,000</b>	<b>200,000</b>	<b>200,000</b>	<b>200,000</b>	<b>0</b>	<b>1,000,000</b>

**Section 6** **Section 7**

Maps / Charts / Tables / Pictures

Comments for Other Depts.

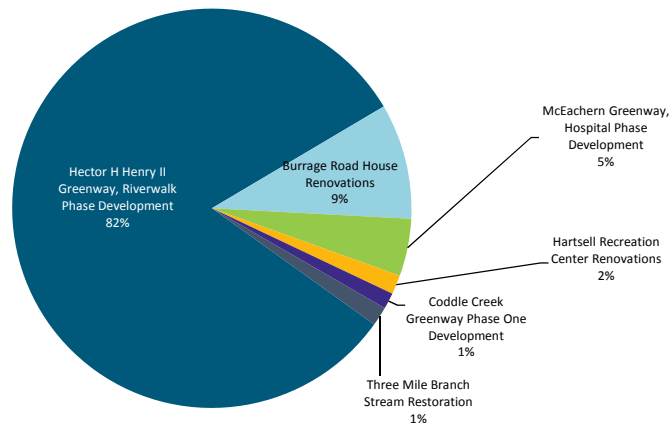
## Fund 420: Parks & Recreation Capital Expenditures

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.

	2017-2018 Approved	2018-2019 Planning Yr.	2019-2020 Planning Yr.	2020-2021 Planning Yr.	2021-2022 Planning Yr.	Future Planning Yr.
<b>Expenses By Project</b>						
Three Mile Branch Stream Restoration	\$ 30,000	\$ 180,000	\$ -	\$ -	\$ -	\$ -
Hector H Henry II Greenway, Riverwalk Phase Development	\$ 1,581,000	\$ -	\$ -	\$ -	\$ -	\$ -
Burrage Road House Renovations McEachern Greenway, Hospital Phase Development	\$ 181,044	\$ -	\$ -	\$ -	\$ -	\$ -
Hartsell Recreation Center Renovations	\$ 90,000	\$ -	\$ -	\$ -	\$ -	\$ -
Coddle Creek Greenway Phase One Development	\$ 30,188	\$ -	\$ -	\$ -	\$ -	\$ -
Northwest Park Development	\$ 25,000	\$ 700,000	\$ -	\$ -	\$ -	\$ -
Acquisition of Land for NEW Parks	\$ -	\$ 2,250,000	\$ 7,000,000	\$ 37,000	\$ -	\$ -
McEachern Greenway Parking Lot	\$ -	\$ 6,750,000	\$ -	\$ -	\$ -	\$ -
Fink Phase Development	\$ -	\$ 300,000	\$ -	\$ -	\$ -	\$ -
Coddle Creek Greenway Phase Two Development	\$ -	\$ -	\$ -	\$ 103,110	\$ -	\$ -
Webb Field Renovations	\$ -	\$ 40,000	\$ 2,000,000	\$ -	\$ -	\$ -
Hector H Henry II Greenway, Airport Phase	\$ -	\$ 40,000	\$ 500,000	\$ -	\$ -	\$ -
Moss Creek to Kannapolis Bridge	\$ -	\$ 1,911,000	\$ -	\$ -	\$ 103,110	\$ -
Park Lighting Project	\$ -	\$ 250,000	\$ -	\$ -	\$ -	\$ -
WW Flowe Park Phase Two	\$ -	\$ -	\$ 250,000	\$ 150,000	\$ -	\$ -
Greenway Development, TBA Part One	\$ -	\$ -	\$ 100,000	\$ 6,000,000	\$ -	\$ -
Central Neighborhood Park Development	\$ -	\$ 2,800,000	\$ -	\$ -	\$ -	\$ 2,800,000
Greenway Development, TBA Part Two	\$ -	\$ -	\$ -	\$ 5,500,000	\$ -	\$ -
North District Park Development	\$ -	\$ -	\$ -	\$ 5,000,000	\$ -	\$ -
<b>Total</b>	<b>\$ 1,937,232</b>	<b>\$ 15,221,000</b>	<b>\$ 9,850,000</b>	<b>\$ 16,790,110</b>	<b>\$ 2,903,110</b>	<b>\$ 2,800,000</b>

	2017-2018 Approved	2018-2019 Planning Yr.	2019-2020 Planning Yr.	2020-2021 Planning Yr.	2021-2022 Planning Yr.	Future Planning Yr.
<b>Revenues by Funding Source</b>						
Transfer from General Fund	\$ 1,907,044	\$ 13,310,000	\$ 9,850,000	\$ 16,650,000	\$ 2,800,000	\$ 2,800,000
Grant Proceeds	\$ -	\$ 400,000	\$ -	\$ -	\$ -	\$ -
Operating Revenue	\$ 30,188	\$ -	\$ -	\$ 140,440	\$ 103,110	\$ -
Transfer from Parks & Recreation Capital Reserve	\$ -	\$ 1,511,000	\$ -	\$ -	\$ -	\$ -
<b>Total</b>	<b>\$ 1,937,232</b>	<b>\$ 15,221,000</b>	<b>\$ 9,850,000</b>	<b>\$ 16,790,440</b>	<b>\$ 2,903,110</b>	<b>\$ 2,800,000</b>

### FY2018 Parks & Recreation Projects



**City of Concord, North Carolina**

**Fiscal Year 2017-18 through 2021-22 Capital Improvement Plan**

<b>Section 1</b>	<b>CIP Title</b>	Three Mile Branch Stream Restoration - McGee Park Playground				<b>Budget Unit #</b>	8300	
<b>Budget Unit</b>	P&R - Capital Projects	<b>Functional Area</b>	Parks & Recreation			<b>Priority Rank</b>	1	
<b>Total CIP Cost</b>	Total Appropriations to date	Budget Year 1 FY2017-18	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP
			Year 2 FY2018-19	Year 3 FY2019-20	Year 4 FY2020-21	Year 5 FY2021-22		<input type="checkbox"/> New <input type="checkbox"/> Replacement <input checked="" type="checkbox"/> Land/ROW Acq. Required <input type="checkbox"/> Expansion <input type="checkbox"/> Renovation
210,000	0	30,000	180,000	0	0	0	210,000	

**Section 2** **Description**

The project of Three Mile Branch Stream Restoration - McGee Park Playground is the restoration and major repairs to Three Mile Branch near the playground area.

**History, Status, or Impact if Delayed**

Three Mile Branch stream bank is eroding in the direction of McGee Park near the playground. The bank was armored several years ago but the armoring is gone. If the erosion is not stopped it will make the greenway trail and playground unsafe and unfit for use. Year one funding is for a consultant to design a solution. Year two funding is for construction.

**Justification or Link to City Goals**

This is a public safety issue.

**Section 3** **Capital Costs**

Activity	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
Construction restoration/repairs	0	180,000	0	0	0	0	180,000
Design	30,000	0	0	0	0	0	30,000
<b>Total Capital Cost</b>	<b>30,000</b>	<b>180,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>210,000</b>

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

Type of Expenditure	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
<b>Total</b>							

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

Funding Source(s)	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
Transfer from General Fund	30,000	180,000	0	0	0	0	210,000
<b>Total</b>	<b>30,000</b>	<b>180,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>210,000</b>

**Section 6** **Section 7**

Maps / Charts / Tables / Pictures

Comments for Other Depts.

**City of Concord, North Carolina**

**Fiscal Year 2017-18 through 2021-22 Capital Improvement Plan**

<b>Section 1</b>	<b>CIP Title</b>	Hector H Henry II Greenway, Riverwalk Phase Development				<b>Budget Unit #</b>	8311		
<b>Budget Unit</b>	Hector H. Henry II Greenway	<b>Functional Area</b>	Parks & Recreation			<b>Priority Rank</b>	2		
<b>Total CIP Cost</b>	Total Appropriations to date	Budget Year 1 FY2017-18	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP	
			Year 2 FY2018-19	Year 3 FY2019-20	Year 4 FY2020-21	Year 5 FY2021-22		<input type="checkbox"/> New	<input checked="" type="checkbox"/> Expansion
			<input type="checkbox"/> Replacement	<input type="checkbox"/> Renovation					
			<input type="checkbox"/> Land/ROW Acq. Required						
<b>2,026,585</b>	<b>445,585</b>	<b>1,581,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,581,000</b>		

**Section 2** **Description**

This project is the design, grant application, and construction of Hector H. Henry II Greenway, Riverwalk Phase. The project addresses bicycle, pedestrian, and greenway needs that were identified in the Parks & Recreation Master Plan.

**History, Status, or Impact if Delayed**

The Hector H Henry II Greenway, Riverwalk Phase is approximately 1.1 miles long, from the Bark Park on Weddington Road to the City-owned property at the Riverwalk neighborhood. This project would involve trail easement acquisition, design, a PARTF grant application and construction of the greenway.

**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.

**Section 3** **Capital Costs**

Activity	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
Construction	1,575,000	0	0	0	0	0	1,575,000
Consultant to submit PARTF Grant application	6,000	0	0	0	0	0	6,000
<b>Total Capital Cost</b>	<b>1,581,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,581,000</b>

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

Type of Expenditure	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
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**Total**

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

Funding Source(s)	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
Transfer from General Fund	1,581,000	0	0	0	0	0	1,581,000
<b>Total</b>	<b>1,581,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,581,000</b>

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



**City of Concord, North Carolina**

**Fiscal Year 2017-18 through 2021-22 Capital Improvement Plan**

<b>Section 1</b>	<b>CIP Title</b>	Burrage Road House Renovations				<b>Budget Unit #</b>	8300		
<b>Budget Unit</b>	P&R - Capital Projects		<b>Functional Area</b>	Parks & Recreation		<b>Priority Rank</b>	3		
<b>Total CIP Cost</b>	Total Appropriations to date	Budget Year 1 FY2017-18	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP	
			Year 2 FY2018-19	Year 3 FY2019-20	Year 4 FY2020-21	Year 5 FY2021-22		<input type="checkbox"/> New	<input type="checkbox"/> Expansion
			<input type="checkbox"/> Replacement	<input checked="" type="checkbox"/> Renovation					
			<input type="checkbox"/> Land/ROW Acq. Required						
<b>490,584</b>	<b>309,540</b>	<b>181,044</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>181,044</b>		

**Section 2** **Description**

This project is the design and renovation of the house on the property at 946 Burrage Road. The former residence will be converted into program space for the Parks & Recreation Department and some of the surrounding grounds into appropriate parking. This will allow for arts, fitness, and environmental education programming.

**History, Status, or Impact if Delayed**

This is an increase to the existing budget based on estimates provided by the Architect.

**Justification or Link to City Goals**

**Section 3** **Capital Costs**

Activity	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
Construction Building/Utility	120,000	0	0	0	0	0	120,000
Design	45,000	0	0	0	0	0	45,000
<b>Total Capital Cost</b>	<b>165,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>165,000</b>

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

Type of Expenditure	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
Furnishings	16,044	0	0	0	0	0	16,044
<b>Total</b>	<b>16,044</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>16,044</b>

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

Funding Source(s)	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
Transfer from General Fund	165,000	0	0	0	0	0	165,000
General Fund Operating Revenue	16,044	0	0	0	0	0	16,044
<b>Total</b>	<b>181,044</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>181,044</b>

**Section 6** **Section 7**

Maps / Charts / Tables / Pictures

Comments for Other Depts.





**City of Concord, North Carolina**

**Fiscal Year 2017-18 through 2021-22 Capital Improvement Plan**

<b>Section 1</b>	<b>CIP Title</b>	McEachern Greenway, Hospital Phase Development				<b>Budget Unit #</b>	8312		
<b>Budget Unit</b>	McEachern Greenway	<b>Functional Area</b>	Parks & Recreation			<b>Priority Rank</b>	4		
<b>Total CIP Cost</b>	Total Appropriations to date	Budget Year 1 FY2017-18	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP	
			Year 2 FY2018-19	Year 3 FY2019-20	Year 4 FY2020-21	Year 5 FY2021-22		<input type="checkbox"/> New	<input checked="" type="checkbox"/> Expansion
			<input type="checkbox"/> Replacement	<input type="checkbox"/> Renovation					
			<input type="checkbox"/> Land/ROW Acq. Required						
<b>90,000</b>	<b>0</b>	<b>90,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>90,000</b>		

**Section 2 Description**

The project is the design, land acquisition and construction of McEachern Greenway, Hospital Phase. This project addresses pedestrian, bicycle, and greenway needs that were identified in the Parks & Recreation Master Plan.

**History, Status, or Impact if Delayed**

McEachern Greenway is identified in the Parks & Recreation Master Plan to extend from Les Myer's Park to Carolinas Healthcare Center - NorthEast, a distance of 4.5 miles. This project would nearly complete the greenway as originally envisioned, lacking only a 1.3 mile connection from Burrage Road to the Shell Station.

**Justification or Link to City Goals**

The development of the McEachern Greenway, Hospital Phase is an approximately one and a half mile (1 1/2) segment that begins as a sidewalk at 946 Burrage Road as it passes over Three Mile Branch and travels uphill to Carolinas Healthcare Center - Northeast. This local loop would turn right and run along Lake Concord Road as a sidewalk, then turn right and follow Three Mile Branch as a single track, natural surface greenway trail, downstream back to 946 Burrage Road. 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. This local loop would serve employees and customers of the Hospital and Carolina Mall area.

**Section 3 Capital Costs**

Activity	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
Construction	20,000	0	0	0	0	0	20,000
Land/ROW	20,000	0	0	0	0	0	20,000
Light Equipment/Furniture	50,000	0	0	0	0	0	50,000
<b>Total Capital Cost</b>	<b>90,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>90,000</b>

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

Type of Expenditure	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
<b>Total</b>							

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

Funding Source(s)	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
Transfer from General Fund	90,000	0	0	0	0	0	90,000
<b>Total</b>	<b>90,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>90,000</b>

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

**City of Concord, North Carolina**

**Fiscal Year 2017-18 through 2021-22 Capital Improvement Plan**

<b>Section 1</b>	<b>CIP Title</b>	Coddle Creek Greenway Phase One Development				<b>Budget Unit #</b>	8300		
<b>Budget Unit</b>	P&R - Capital Projects		<b>Functional Area</b>	Parks & Recreation		<b>Priority Rank</b>	5		
<b>Total CIP Cost</b>	Total Appropriations to date	Budget Year 1 FY2017-18	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP	
			Year 2 FY2018-19	Year 3 FY2019-20	Year 4 FY2020-21	Year 5 FY2021-22		<input checked="" type="checkbox"/> New	<input type="checkbox"/> Expansion
			<input type="checkbox"/> Replacement	<input type="checkbox"/> Renovation					
			<input type="checkbox"/> Land/ROW Acq. Required						
<b>725,000</b>	<b>0</b>	<b>25,000</b>	<b>700,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>725,000</b>	

**Section 2** Description

This project is the development of Coddle Creek Greenway Phase One. This phase will begin in Dorton Park, pass under Poplar Tent Road, and travel a half mile downstream alongside Coddle Creek. Future phases will connect to Weddington Road and Highway 29.

**History, Status, or Impact if Delayed**

Development of this phase is contingent upon acquisition of a trail easement from the Coble/Needham Family.

**Justification or Link to City Goals**

Development of this greenway addresses bicycle/pedestrian trail needs that were identified as priorities in the Parks & Recreation Master Plan.

**Section 3** Capital Costs

Activity	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
Clear/Grade/Site Prep	0	350,000	0	0	0	0	350,000
Construction - Building/Utility	0	350,000	0	0	0	0	350,000
Land Acquisition	25,000	0	0	0	0	0	25,000
<b>Total Capital Cost</b>	<b>25,000</b>	<b>700,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>725,000</b>

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

Type of Expenditure	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
<b>Total</b>							

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

Funding Source(s)	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
Transfer from General Fund	25,000	700,000	0	0	0	0	725,000
<b>Total</b>	<b>25,000</b>	<b>700,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>725,000</b>

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

**City of Concord, North Carolina**

**Fiscal Year 2017-18 through 2021-22 Capital Improvement Plan**

<b>Section 1</b>	<b>CIP Title</b>	Northwest Park Development					<b>Budget Unit #</b>	8300
<b>Budget Unit</b>	P&R - Capital Projects	<b>Functional Area</b>	Parks & Recreation				<b>Priority Rank</b>	6
<b>Total CIP Cost</b>	Total Appropriations to date	Budget Year 1 FY2017-18	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP
			Year 2 FY2018-19	Year 3 FY2019-20	Year 4 FY2020-21	Year 5 FY2021-22		<input checked="" type="checkbox"/> New <input type="checkbox"/> Replacement <input type="checkbox"/> Land/ROW Acq. Required <input type="checkbox"/> Expansion <input type="checkbox"/> Renovation
9,292,031	5,031	0	2,250,000	7,000,000	37,000	0	9,287,000	

**Section 2 Description**

Development of a community park to address needs in the Northwest that were identified in the Parks & Recreation Comprehensive Master Plan.

**History, Status, or Impact if Delayed**

The Parks & Recreation Master Plan identifies a NW Community Park as the highest priority need. A search for available land should begin immediately. A delay could make it increasingly difficult to assemble 75 acres of land.

**Justification or Link to City Goals**

The Parks & Recreation Comprehensive Master Plan identifies the need to acquire land for four(4) parks and develop them in the NW, N, Central and South. The NW Community Park could be 75 acres and may include active and passive components. Amenities identified in the Parks & Recreation Master Plan may addressed here, such as a Splash Pad. The amount budgeted for land aquisition represents 75 acres x \$30,000 per acre. This exceeds the 35-50 recommended in the Mater Plan.

**Section 3 Capital Costs**

Activity	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
Clear/Grade/Site Prep	0	0	2,000,000	0	0	0	2,000,000
Construction	0	0	4,750,000	0	0	0	4,750,000
Heavy Equipment/Apparatus	0	0	250,000	0	0	0	250,000
Land Acquisition	0	2,250,000	0	0	0	0	2,250,000
<b>Total Capital Cost</b>	<b>0</b>	<b>2,250,000</b>	<b>7,000,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>9,250,000</b>

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

Type of Expenditure	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
Misc Supplies for NW Park	0	0	0	7,000	0	0	7,000
Staff for NW Park	0	0	0	30,000	0	0	30,000
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>37,000</b>	<b>0</b>	<b>0</b>	<b>37,000</b>

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

Funding Source(s)	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
Transfer from General Fund	0	2,250,000	7,000,000	0	0	0	9,250,000
Operating Revenue	0	0	0	37,000	0	0	37,000
<b>Total</b>	<b>0</b>	<b>2,250,000</b>	<b>7,000,000</b>	<b>37,000</b>	<b>0</b>	<b>0</b>	<b>9,287,000</b>

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

**City of Concord, North Carolina**

**Fiscal Year 2017-18 through 2021-22 Capital Improvement Plan**

<b>Section 1</b>	<b>CIP Title</b>	Acquisition of Land for NEW Parks				<b>Budget Unit #</b>	8300		
<b>Budget Unit</b>	P&R - Capital Projects		<b>Functional Area</b>	Parks & Recreation		<b>Priority Rank</b>	7		
<b>Total CIP Cost</b>	Total Appropriations to date	Budget Year 1 FY2017-18	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP	
			Year 2 FY2018-19	Year 3 FY2019-20	Year 4 FY2020-21	Year 5 FY2021-22		<input type="checkbox"/> New	<input type="checkbox"/> Expansion
							<input type="checkbox"/> Replacement	<input type="checkbox"/> Renovation	
							<input checked="" type="checkbox"/> Land/ROW Acq. Required		
<b>6,750,000</b>	<b>0</b>	<b>0</b>	<b>6,750,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>6,750,000</b>		

**Section 2** **Description**

This project is the acquisition of land needed for a North District Park, Central Neighborhood Park and South Community Park.

**History, Status, or Impact if Delayed**

The Parks & Recreation Master Plan identifies the need for parks in the North, Central and South. This is funding for only the acquisition of the land needed. Development of these three parks will be presented in separate CIP's.

**Justification or Link to City Goals**

The Parks & Recreation Master Plan identifies the need to acquire land for future parks in the North, Central and South. The amount budgeted represents 225 acres total x \$30,000 per acre.

<b>Section 3</b>	<b>Capital Costs</b>						
<b>Activity</b>	<b>FY 2017-18</b>	<b>FY 2018-19</b>	<b>FY 2019-20</b>	<b>FY 2020-21</b>	<b>FY 2021-22</b>	<b>Future \$\$</b>	<b>Total</b>
Land Acquisition for new Parks	0	6,750,000	0	0	0	0	6,750,000
<b>Total Capital Cost</b>	<b>0</b>	<b>6,750,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>6,750,000</b>

<b>Section 4</b>	<b>New or Additional Impact on Operating Budget</b>						
<b>Type of Expenditure</b>	<b>FY 2017-18</b>	<b>FY 2018-19</b>	<b>FY 2019-20</b>	<b>FY 2020-21</b>	<b>FY 2021-22</b>	<b>Future \$\$</b>	<b>Total</b>
<b>Total</b>							

<b>Section 5</b>	<b>Method(s) of Financing</b>						
<b>Funding Source(s)</b>	<b>FY 2017-18</b>	<b>FY 2018-19</b>	<b>FY 2019-20</b>	<b>FY 2020-21</b>	<b>FY 2021-22</b>	<b>Future \$\$</b>	<b>Total</b>
Transfer from General Fund	0	6,750,000	0	0	0	0	6,750,000
<b>Total</b>	<b>0</b>	<b>6,750,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>6,750,000</b>

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

**Fiscal Year 2017-18 through 2021-22 Capital Improvement Plan**

<b>Section 1</b>	<b>CIP Title</b>	McEachern Greenway Parking Lot				<b>Budget Unit #</b>	8300		
<b>Budget Unit</b>	P&R - Capital Projects		<b>Functional Area</b>	Parks & Recreation		<b>Priority Rank</b>	8		
<b>Total CIP Cost</b>	Total Appropriations to date	Budget Year 1 FY2017-18	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP	
			Year 2 FY2018-19	Year 3 FY2019-20	Year 4 FY2020-21	Year 5 FY2021-22		<input type="checkbox"/> New	<input type="checkbox"/> Expansion
							<input type="checkbox"/> Replacement	<input type="checkbox"/> Renovation	
							<input checked="" type="checkbox"/> Land/ROW Acq. Required		
<b>300,000</b>	<b>0</b>	<b>0</b>	<b>300,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>300,000</b>		

**Section 2 Description**

This project is to purchase land and construct a parking lot along Brachview Drive for McEachern Greenway.

**History, Status, or Impact if Delayed**

With the expansion of McEachern Greenway to the Shell Station comes increased use and demand for parking upstream from McGee Park. This project would acquire land along Branchview Drive and construct parking convenient to the trail.

**Justification or Link to City Goals**

This project addresses the issue of parking availability on McEachern Greenway.

**Section 3 Capital Costs**

Activity	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
Land/EOW/Construction	0	300,000	0	0	0	0	300,000
<b>Total Capital Cost</b>	<b>0</b>	<b>300,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>300,000</b>

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

Type of Expenditure	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
<b>Total</b>							

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

Funding Source(s)	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
Transfer from General Fund	0	300,000	0	0	0	0	300,000
<b>Total</b>	<b>0</b>	<b>300,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>300,000</b>

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

**City of Concord, North Carolina**

**Fiscal Year 2017-18 through 2021-22 Capital Improvement Plan**

<b>Section 1</b>	<b>CIP Title</b>	Coddle Creek Greenway Phase Two Development				<b>Budget Unit #</b>	8300		
<b>Budget Unit</b>	P&R - Capital Projects		<b>Functional Area</b>	Parks & Recreation		<b>Priority Rank</b>	9		
<b>Total CIP Cost</b>	Total Appropriations to date	Budget Year 1 FY2017-18	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP	
			Year 2 FY2018-19	Year 3 FY2019-20	Year 4 FY2020-21	Year 5 FY2021-22		<input type="checkbox"/> New	<input type="checkbox"/> Expansion
							<input type="checkbox"/> Replacement	<input type="checkbox"/> Renovation	
							<input checked="" type="checkbox"/> Land/ROW Acq. Required		
<b>2,040,000</b>	<b>0</b>	<b>0</b>	<b>40,000</b>	<b>2,000,000</b>	<b>0</b>	<b>0</b>	<b>2,040,000</b>		

**Section 2** **Description**

This project is the acquisition and development of Coddle Creek Greenway Phase Two, approximately two miles in length.

**History, Status, or Impact if Delayed**

Phase Two begins at the property line of the Coble/Needham property and extends downstream 4,600 linear feet to Weddington Road. It continues along side Weddington Road as an over land trail to the intersection at George Liles Parkway. It then extends along Weddington Road to the three schools.

**Justification or Link to City Goals**

This Phase connects to the existing pedestrian trail adjacent to George Liles Parkway between Weddington Road and Highway 29. It also connects to the three schools on Weddington Road

**Section 3** **Capital Costs**

Activity	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
Construction	0	0	2,000,000	0	0	0	2,000,000
Land/EOW Acquisition	0	40,000	0	0	0	0	40,000
<b>Total Capital Cost</b>	<b>0</b>	<b>40,000</b>	<b>2,000,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2,040,000</b>

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

Type of Expenditure	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
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**Total**

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

Funding Source(s)	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
Transfer from General Fund	0	40,000	2,000,000	0	0	0	2,040,000
<b>Total</b>	<b>0</b>	<b>40,000</b>	<b>2,000,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2,040,000</b>

**Section 6** **Section 7**

Maps / Charts / Tables / Pictures

Comments for Other Depts.

**City of Concord, North Carolina**

**Fiscal Year 2017-18 through 2021-22 Capital Improvement Plan**

<b>Section 1</b>	<b>CIP Title</b>	Webb Field Renovations				<b>Budget Unit #</b>	8300		
<b>Budget Unit</b>	P&R - Capital Projects		<b>Functional Area</b>	Parks & Recreation		<b>Priority Rank</b>	10		
<b>Total CIP Cost</b>	Total Appropriations to date	Budget Year 1 FY2017-18	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP	
			Year 2 FY2018-19	Year 3 FY2019-20	Year 4 FY2020-21	Year 5 FY2021-22		<input type="checkbox"/> New	<input type="checkbox"/> Expansion
							<input type="checkbox"/> Replacement	<input checked="" type="checkbox"/> Renovation	
			<input type="checkbox"/> Land/ROW Acq. Required						
<b>540,000</b>	<b>0</b>	<b>0</b>	<b>40,000</b>	<b>500,000</b>	<b>0</b>	<b>0</b>	<b>540,000</b>		

**Section 2** Description

Webb Field was recently acquired by the City, this is a very old facility. The infield needs to be renovated. All buildings need to be evaluated for renovation, removal, or replacement. This work will serve to make the facility ADA compliant.

**History, Status, or Impact if Delayed**

This historic ballfield has deteriorated under previous ownership. Several of the buildings should be removed and replaced.

**Justification or Link to City Goals**

Funding for a consultant to evaluate field, building, and facility conditions, and recommend the appropriate design and action solutions will be requested as part of the Parks & Recreation FY19 operational budget. Construction funding in FY 19/20 would fund building construction and grounds upgrades as approved.

**Section 3** Capital Costs

Activity	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
Architect	0	40,000	0	0	0	0	40,000
Field Renovations at Webb	0	0	500,000	0	0	0	500,000
<b>Total Capital Cost</b>	<b>0</b>	<b>40,000</b>	<b>500,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>540,000</b>

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

Type of Expenditure	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
<b>Total</b>							

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

Funding Source(s)	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
Transfer From General Fund	0	40,000	500,000	0	0	0	540,000
<b>Total</b>	<b>0</b>	<b>40,000</b>	<b>500,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>540,000</b>

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

**City of Concord, North Carolina**

**Fiscal Year 2017-18 through 2021-22 Capital Improvement Plan**

<b>Section 1</b>	<b>CIP Title</b>	Hector H Henry II Greenway, Airport Phase				<b>Budget Unit #</b>	8311	
<b>Budget Unit</b>	Hector H. Henry II Greenway	<b>Functional Area</b>	Parks & Recreation			<b>Priority Rank</b>	11	
<b>Total CIP Cost</b>	Total Appropriations to date	Budget Year 1 FY2017-18	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP
			Year 2 FY2018-19	Year 3 FY2019-20	Year 4 FY2020-21	Year 5 FY2021-22		
<b>2,094,610</b>	<b>80,500</b>	<b>0</b>	<b>1,911,000</b>	<b>0</b>	<b>0</b>	<b>103,110</b>	<b>2,014,110</b>	

**Section 2** **Description**

This project is the construction of Hector H. Henry II Greenway, Airport Phase. The project addresses bicycle, pedestrian, and greenway needs that were identified in the Parks & Recreation Master Plan.

**History, Status, or Impact if Delayed**

Grant applications for construction funding will be submitted in anticipation of the FY19/20 budget.

**Justification or Link to City Goals**

The Hector H. Henry II Greenway Airport Phase is approximately 1.3 miles long, from Derita Road to the Weddington Road Bark Park. This project would involve the construction of the greenway. The Parks & Recreation Master Plan identifies the Hector H. Henry II Greenway as a priority need in the development of the pedestrian/bicycle trail system. This segment is included as a part of the Carolina Thread Trail.

**Section 3** **Capital Costs**

Activity	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
Clear/Grade/Site Prep	0	882,000	0	0	0	0	882,000
Construction - Building/Utility	0	588,000	0	0	0	0	588,000
Heavy Equipment/Apparatus	0	206,000	0	0	0	0	206,000
Light Equip/Furniture	0	235,000	0	0	0	0	235,000
<b>Total Capital Cost</b>	<b>0</b>	<b>1,911,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,911,000</b>

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

Type of Expenditure	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
Greenway Staffing	0	0	0	0	103,110	0	103,110
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>103,110</b>	<b>0</b>	<b>103,110</b>

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

Funding Source(s)	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
Grant	0	400,000	0	0	0	0	400,000
Transfer from General Fund	0	1,511,000	0	0	0	0	1,511,000
Operation Revenue	0	0	0	0	103,110	0	103,110
<b>Total</b>	<b>0</b>	<b>1,911,000</b>	<b>0</b>	<b>0</b>	<b>103,110</b>	<b>0</b>	<b>2,014,110</b>

**Section 6** **Section 7**

Maps / Charts / Tables / Pictures

Comments for Other Depts.



**City of Concord, North Carolina**

**Fiscal Year 2017-18 through 2021-22 Capital Improvement Plan**

<b>Section 1</b>	<b>CIP Title</b>	Moss Creek to Kannapolis Bridge				<b>Budget Unit #</b>	8300		
<b>Budget Unit</b>	P&R - Capital Projects	<b>Functional Area</b>	Parks & Recreation			<b>Priority Rank</b>	12		
<b>Total CIP Cost</b>	Total Appropriations to date	Budget Year 1 FY2017-18	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP	
			Year 2 FY2018-19	Year 3 FY2019-20	Year 4 FY2020-21	Year 5 FY2021-22		<input type="checkbox"/> New	<input checked="" type="checkbox"/> Expansion
							<input type="checkbox"/> Replacement	<input type="checkbox"/> Renovation	
							<input type="checkbox"/> Land/ROW Acq. Required		
<b>250,000</b>	<b>0</b>	<b>0</b>	<b>250,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>250,000</b>		

**Section 2** **Description**

This project is the construction of a pedestrian bridge across the Rocky River from Moss Creek to Cabarrus Crossing.

**History, Status, or Impact if Delayed**

The Carolina Thread Trail is attempting to acquire approx 500 yards from Moss Creek up to Davidson Highway, to connect to the greenway trail Kannapolis is about to construct. A bridge would connect Hector Henry Greenway users with this greenway into Kannapolis and Mecklenburg County.

**Justification or Link to City Goals**

This connection with Kannapolis and Town of Davidson is a part of the Carolina Thread Trail. The City will seek a grant from the Thread Trail to assist in funding this project.

<b>Section 3</b>	<b>Capital Costs</b>						
<b>Activity</b>	<b>FY 2017-18</b>	<b>FY 2018-19</b>	<b>FY 2019-20</b>	<b>FY 2020-21</b>	<b>FY 2021-22</b>	<b>Future \$\$</b>	<b>Total</b>
Construction	0	250,000	0	0	0	0	250,000
<b>Total Capital Cost</b>	<b>0</b>	<b>250,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>250,000</b>

<b>Section 4</b>	<b>New or Additional Impact on Operating Budget</b>						
<b>Type of Expenditure</b>	<b>FY 2017-18</b>	<b>FY 2018-19</b>	<b>FY 2019-20</b>	<b>FY 2020-21</b>	<b>FY 2021-22</b>	<b>Future \$\$</b>	<b>Total</b>
<b>Total</b>							

<b>Section 5</b>	<b>Method(s) of Financing</b>						
<b>Funding Source(s)</b>	<b>FY 2017-18</b>	<b>FY 2018-19</b>	<b>FY 2019-20</b>	<b>FY 2020-21</b>	<b>FY 2021-22</b>	<b>Future \$\$</b>	<b>Total</b>
Grant	0	125,000	0	0	0	0	125,000
Transfer from General Fund	0	125,000	0	0	0	0	125,000
<b>Total</b>	<b>0</b>	<b>250,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>250,000</b>

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

**Fiscal Year 2017-18 through 2021-22 Capital Improvement Plan**

<b>Section 1</b>	<b>CIP Title</b>	Park Lighting Project				<b>Budget Unit #</b>	8300		
<b>Budget Unit</b>	P&R - Capital Projects		<b>Functional Area</b>	Parks & Recreation		<b>Priority Rank</b>	13		
<b>Total CIP Cost</b>	Total Appropriations to date	Budget Year 1 FY2017-18	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP	
			Year 2 FY2018-19	Year 3 FY2019-20	Year 4 FY2020-21	Year 5 FY2021-22		<input type="checkbox"/> New <input checked="" type="checkbox"/> Replacement <input type="checkbox"/> Land/ROW Acq. Required	<input type="checkbox"/> Expansion <input type="checkbox"/> Renovation
456,491	56,491	0	0	250,000	150,000	0	400,000		

**Section 2** **Description**

This project would replace existing park lights and poles as needed, dependent on the results of every-other-year pole inspections. Possible sites include: Webb Field, Les Myers Park, Beverly Hills Park tennis courts, Caldwell Park basketball courts, Hartsell Ballfield Complex; lights only at Caldwell Fields and tennis courts.

**History, Status, or Impact if Delayed**

NOTE: Funding will not be requested until such time that regular bi-annual pole inspections (borings) indicate the poles have becoming unsafe. Actual costs will not be known until such time.

**Justification or Link to City Goals**

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

**Section 3** **Capital Costs**

Activity	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
Park Lighting Project	0	0	250,000	150,000	0	0	400,000
<b>Total Capital Cost</b>	<b>0</b>	<b>0</b>	<b>250,000</b>	<b>150,000</b>	<b>0</b>	<b>0</b>	<b>400,000</b>

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

Type of Expenditure	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
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Total

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

Funding Source(s)	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
Transfer from General Fund	0	0	250,000	150,000	0	0	400,000
<b>Total</b>	<b>0</b>	<b>0</b>	<b>250,000</b>	<b>150,000</b>	<b>0</b>	<b>0</b>	<b>400,000</b>

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

**City of Concord, North Carolina**

**Fiscal Year 2017-18 through 2021-22 Capital Improvement Plan**

<b>Section 1</b>	<b>CIP Title</b>	WW Flowe Park Phase Two					<b>Budget Unit #</b>	8300
<b>Budget Unit</b>	P&R - Capital Projects	<b>Functional Area</b>	Parks & Recreation				<b>Priority Rank</b>	14
<b>Total CIP Cost</b>	Total Appropriations to date	Budget Year 1 FY2017-18	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP
			Year 2 FY2018-19	Year 3 FY2019-20	Year 4 FY2020-21	Year 5 FY2021-22		<input type="checkbox"/> New <input type="checkbox"/> Replacement <input type="checkbox"/> Land/ROW Acq. Required <input checked="" type="checkbox"/> Expansion <input type="checkbox"/> Renovation
6,100,000	0	0	0	100,000	6,000,000	0	6,100,000	

**Section 2** Description

This project leasing, design and construction of approx 58 acres across Central Heights Drive from WW Flowe Park.

**History, Status, or Impact if Delayed**

After leasing the property from the County, the City would Master Plan the existing park and newly leased property to maximize function. Some improvements to the existing park may be considered.

**Justification or Link to City Goals**

Partnerships with the County is a priority recommendation of the Parks and Recreation Master Plan

**Section 3** Capital Costs

Activity	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
Architect	0	0	100,000	0	0	0	100,000
Construction	0	0	0	6,000,000	0	0	6,000,000
<b>Total Capital Cost</b>	<b>0</b>	<b>0</b>	<b>100,000</b>	<b>6,000,000</b>	<b>0</b>	<b>0</b>	<b>6,100,000</b>

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

Type of Expenditure	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
<b>Total</b>							

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

Funding Source(s)	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
Transfer from General Fund	0	0	100,000	6,000,000	0	0	6,100,000
<b>Total</b>	<b>0</b>	<b>0</b>	<b>100,000</b>	<b>6,000,000</b>	<b>0</b>	<b>0</b>	<b>6,100,000</b>

**Section 6** Maps / Charts / Tables / Pictures

**Section 7** Comments for Other Depts.

TBA

**City of Concord, North Carolina**

**Fiscal Year 2017-18 through 2021-22 Capital Improvement Plan**

<b>Section 1</b>	<b>CIP Title</b>	Greenway Development, TBA Part One				<b>Budget Unit #</b>	8300	
<b>Budget Unit</b>	P&R - Capital Projects	<b>Functional Area</b>	Parks & Recreation			<b>Priority Rank</b>	15	
<b>Total CIP Cost</b>	Total Appropriations to date	Budget Year 1 FY2017-18	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP
			Year 2 FY2018-19	Year 3 FY2019-20	Year 4 FY2020-21	Year 5 FY2021-22		<input checked="" type="checkbox"/> New <input type="checkbox"/> Replacement <input type="checkbox"/> Land/ROW Acq. Required <input type="checkbox"/> Expansion <input type="checkbox"/> Renovation
5,600,000	0	0	2,800,000	0	0	0	5,600,000	

**Section 2** Description

This item identifies the cost associated with development of two miles of greenway trail. This assumes Council wishes to double the pace of development recommended in the Parks & Recreation Master Plan.

**History, Status, or Impact if Delayed**

The CIP's for years 1-3 represent approx 6.2 miles of new trails. This CIP represents miles number 7 and 8. At a location not yet determined, in pursuit of the goal of 10 miles every 5 years. This is construction cost only. Land acquisition is not included

**Justification or Link to City Goals**

**Section 3** Capital Costs

Activity	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
Greenway Construction	0	2,800,000	0	0	0	2,800,000	5,600,000
<b>Total Capital Cost</b>	<b>0</b>	<b>2,800,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2,800,000</b>	<b>5,600,000</b>

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

Type of Expenditure	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
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Total

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

Funding Source(s)	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
Transfer from General Fund	0	2,800,000	0	0	0	2,800,000	5,600,000
<b>Total</b>	<b>0</b>	<b>2,800,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2,800,000</b>	<b>5,600,000</b>

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

**City of Concord, North Carolina**

**Fiscal Year 2017-18 through 2021-22 Capital Improvement Plan**

<b>Section 1</b>	<b>CIP Title</b>	Central Neighborhood Park Development				<b>Budget Unit #</b>	8300		
<b>Budget Unit</b>	P&R - Capital Projects	<b>Functional Area</b>	Parks & Recreation			<b>Priority Rank</b>	16		
<b>Total CIP Cost</b>	Total Appropriations to date	Budget Year 1 FY2017-18	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP	
			Year 2 FY2018-19	Year 3 FY2019-20	Year 4 FY2020-21	Year 5 FY2021-22		<input checked="" type="checkbox"/> New	<input type="checkbox"/> Expansion
							<input type="checkbox"/> Replacement	<input type="checkbox"/> Renovation	
							<input type="checkbox"/> Land/ROW Acq. Required		
5,500,000	0	0	0	0	5,500,000	0	5,500,000		

**Section 2** **Description**

This project is the development of the Central Neighborhood Park, as recommended in the Parks & Recreation Master Plan.

**History, Status, or Impact if Delayed**

For illustration only, development of a community center as recommended in the Parks & Recreation Master Plan, is included in this CIP.

**Justification or Link to City Goals**

**Section 3** **Capital Costs**

Activity	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
Construction/Development	0	0	0	5,500,000	0	0	5,500,000
<b>Total Capital Cost</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>5,500,000</b>	<b>0</b>	<b>0</b>	<b>5,500,000</b>

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

Type of Expenditure	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
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Total

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

Funding Source(s)	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
Transfer from General Fund	0	0	0	5,500,000	0	0	5,500,000
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>5,500,000</b>	<b>0</b>	<b>0</b>	<b>5,500,000</b>

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

**City of Concord, North Carolina**

**Fiscal Year 2017-18 through 2021-22 Capital Improvement Plan**

<b>Section 1</b>	<b>CIP Title</b>	Greenway Development, TBA Part Two					<b>Budget Unit #</b>	8300
<b>Budget Unit</b>	P&R - Capital Projects	<b>Functional Area</b>	Parks & Recreation				<b>Priority Rank</b>	17
<b>Total CIP Cost</b>	Total Appropriations to date	Budget Year 1 FY2017-18	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP
			Year 2 FY2018-19	Year 3 FY2019-20	Year 4 FY2020-21	Year 5 FY2021-22		<input checked="" type="checkbox"/> New <input type="checkbox"/> Replacement <input type="checkbox"/> Land/ROW Acq. Required <input type="checkbox"/> Expansion <input type="checkbox"/> Renovation
2,800,000	0	0	0	0	0	2,800,000	2,800,000	

**Section 2** **Description**

This item identifies the cost associated with development of two miles of greenway trail. This assumes Council wishes to double the pace of development recommended in the Parks & Recreation Master Plan.

**History, Status, or Impact if Delayed**

The CIP's for years 1 through 3 represent approx 6.2 miles of new trails. This CIP represents miles number 9 and 10. At a location not yet determined, in pursuit of the goal of 10 miles every 5 years. This is construction cost only. Land acquisition is not included.

**Justification or Link to City Goals**

**Section 3** **Capital Costs**

Activity	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
Greenway Development	0	0	0	0	2,800,000	0	2,800,000
<b>Total Capital Cost</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2,800,000</b>	<b>0</b>	<b>2,800,000</b>

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

Type of Expenditure	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
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Total

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

Funding Source(s)	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
Transfer from General Fund	0	0	0	0	2,800,000	0	2,800,000
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2,800,000</b>	<b>0</b>	<b>2,800,000</b>

**Section 6** **Section 7**

Maps / Charts / Tables / Pictures

Comments for Other Depts.

**City of Concord, North Carolina**

**Fiscal Year 2017-18 through 2021-22 Capital Improvement Plan**

<b>Section 1</b>	<b>CIP Title</b>	Hartsell Recreation Center Renovations				<b>Budget Unit #</b>	8300		
<b>Budget Unit</b>	P&R - Capital Projects	<b>Functional Area</b>	Parks & Recreation			<b>Priority Rank</b>	18		
<b>Total CIP Cost</b>	Total Appropriations to date	Budget Year 1 FY2017-18	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP	
			Year 2 FY2018-19	Year 3 FY2019-20	Year 4 FY2020-21	Year 5 FY2021-22		<input type="checkbox"/> New	<input type="checkbox"/> Expansion
			<input type="checkbox"/> Replacement	<input checked="" type="checkbox"/> Renovation					
			<input type="checkbox"/> Land/ROW Acq. Required						
<b>1,975,188</b>	<b>1,945,000</b>	<b>30,188</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>30,188</b>		

**Section 2** Description

This project to renovate Hartsell Recreation Center

**History, Status, or Impact if Delayed**

NOTE: Master planning is complete and the cost estimate for renovations is \$1.9 million. The would address structural issues with the exterior and renovations to the upper and lower levels.

**Justification or Link to City Goals**

Logan Multi-Purpose Center and Academy Recreation Center has each been almost entirely renovated. The age and dysfunctional floor plan of Hartsell Recreation Center is unsafe and under-utilizes the potential footprint for serving programs and general use by the public.

**Section 3** Capital Costs

Activity	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
<b>Total Capital Cost</b>							

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

Type of Expenditure	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
B&G PT Staff Hartsell	22,438	0	0	0	0	0	22,438
B&G Staff Supplies	1,150	0	0	0	0	0	1,150
Hardware/Software for Hartsell Reno	6,600	0	0	0	0	0	6,600
<b>Total</b>	<b>30,188</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>30,188</b>

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

Funding Source(s)	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
Add'l PCs for Hartsell Downstairs	6,600	0	0	0	0	0	6,600
B&G PT Staff for Hartsell	22,438	0	0	0	0	0	22,438
B&G Staff Supplies	1,150	0	0	0	0	0	1,150
<b>Total</b>	<b>30,188</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>30,188</b>

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

**City of Concord, North Carolina**

**Fiscal Year 2017-18 through 2021-22 Capital Improvement Plan**

<b>Section 1</b>	<b>CIP Title</b>	North District Park Development				<b>Budget Unit #</b>	8300		
<b>Budget Unit</b>	P&R - Capital Projects		<b>Functional Area</b>	Parks & Recreation		<b>Priority Rank</b>	19		
<b>Total CIP Cost</b>	Total Appropriations to date	Budget Year 1 FY2017-18	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP	
			Year 2 FY2018-19	Year 3 FY2019-20	Year 4 FY2020-21	Year 5 FY2021-22		<input checked="" type="checkbox"/> New	<input type="checkbox"/> Expansion
							<input type="checkbox"/> Replacement	<input type="checkbox"/> Renovation	
							<input type="checkbox"/> Land/ROW Acq. Required		
<b>5,000,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>5,000,000</b>	<b>0</b>	<b>5,000,000</b>		

**Section 2 Description**

This project is the construction of a North District Park, as recommended by the Parks & Recreation Master Plan.

**History, Status, or Impact if Delayed**

The Master Plan suggests this would be a partnership opportunity with Cabarrus County and Kannapolis. Full costs presented above could be split among the partners.

**Justification or Link to City Goals**

**Section 3 Capital Costs**

Activity	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
Construction	0	0	0	5,000,000	0	0	5,000,000
<b>Total Capital Cost</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>5,000,000</b>	<b>0</b>	<b>0</b>	<b>5,000,000</b>

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

Type of Expenditure	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
<b>Total</b>							

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

Funding Source(s)	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
Transfer from General Fund	0	0	0	5,000,000	0	0	5,000,000
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>5,000,000</b>	<b>0</b>	<b>0</b>	<b>5,000,000</b>

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



**City of Concord, North Carolina**

**Fiscal Year 2017-18 through 2021-22 Capital Improvement Plan**

<b>Section 1</b>	<b>CIP Title</b>	Fink Phase Development				<b>Budget Unit #</b>	8312		
<b>Budget Unit</b>	McEachern Greenway	<b>Functional Area</b>	Parks & Recreation			<b>Priority Rank</b>	20		
<b>Total CIP Cost</b>	Total Appropriations to date	Budget Year 1 FY2017-18	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP	
			Year 2 FY2018-19	Year 3 FY2019-20	Year 4 FY2020-21	Year 5 FY2021-22		<input type="checkbox"/> New	<input checked="" type="checkbox"/> Expansion
			<input type="checkbox"/> Replacement	<input type="checkbox"/> Renovation					
			<input type="checkbox"/> Land/ROW Acq. Required						
<b>2,610,440</b>	<b>2,507,330</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>103,110</b>	<b>0</b>	<b>103,110</b>		

**Section 2** **Description**

This is the design and construction of McEachern Greenway, from Cabarrus Avenue upstream approximately 4,500 linear feet. All site control is in place, design work would be performed by the City's Engineering Services Department.

**History, Status, or Impact if Delayed**

**Justification or Link to City Goals**

**Section 3** **Capital Costs**

Activity	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
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**Total Capital Cost**

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

Type of Expenditure	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
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B&G Staff (Check w/Susan)	0	0	0	103,110	0	0	103,110
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<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>103,110</b>	<b>0</b>	<b>0</b>	<b>103,110</b>
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**Section 5** **Method(s) of Financing**

Funding Source(s)	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
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Operating Revenue	0	0	0	103,110	0	0	103,110
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<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>103,110</b>	<b>0</b>	<b>0</b>	<b>103,110</b>
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**Section 6** **Section 7** **Comments for Other Depts.**

Maps / Charts / Tables / Pictures

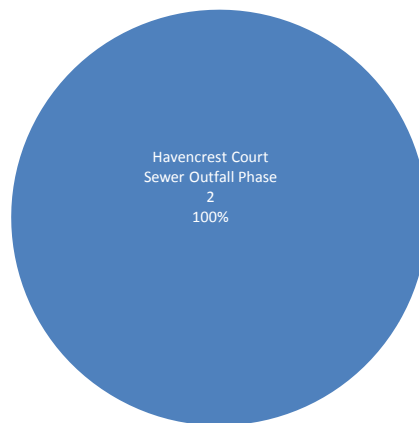
## Fund 421 : Wastewater Capital Projects

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.

	2017-2018 Approved	2018-2019 Planning Yr.	2019-2020 Planning Yr.	2020-2021 Planning Yr.	2021-2022 Planning Yr.	Future Planning Yr.
<b>Expenses By Project</b>						
Havencrest Court Sewer Outfall Phase 2	\$ 542,400	\$ -	\$ -	\$ -	\$ -	\$ -
<b>Total</b>	\$ 542,400	\$ -	\$ -	\$ -	\$ -	\$ -

	2017-2018 Approved	2018-2019 Planning Yr.	2019-2020 Planning Yr.	2020-2021 Planning Yr.	2021-2022 Planning Yr.	Future Planning Yr.
<b>Revenues by Funding Source</b>						
Transfer from Sewer	\$ 542,400	\$ -	\$ -	\$ -	\$ -	\$ -
<b>Total</b>	\$ 542,400	\$ -	\$ -	\$ -	\$ -	\$ -

### FY 2018 Wastewater Project



**City of Concord, North Carolina**

**Fiscal Year 2017-18 through 2021-22 Capital Improvement Plan**

<b>Section 1</b>	<b>CIP Title</b>	Havencrest Court Sewer Outfall Phase 2				<b>Budget Unit #</b>	8402		
<b>Budget Unit</b>	Wastewater Projects	<b>Functional Area</b>	Wastewater			<b>Priority Rank</b>	1		
<b>Total CIP Cost</b>	Total Appropriations to date	Budget Year 1 FY2017-18	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP	
			Year 2 FY2018-19	Year 3 FY2019-20	Year 4 FY2020-21	Year 5 FY2021-22		<input checked="" type="checkbox"/> New	<input type="checkbox"/> Expansion
			<input type="checkbox"/> Replacement	<input type="checkbox"/> Renovation					
			<input type="checkbox"/> Land/ROW Acq. Required						
542,400	0	542,400	0	0	0	0	542,400		

**Section 2** Description

This parallel sewer outfall to Havencrest Court will provide the availability of sewer service at the low point of the road in order to serve both existing customers within the general area and future customers through extensions.

**History, Status, or Impact if Delayed**

**Justification or Link to City Goals**

The increase in size of this parallel sewer outfall will provide additional sewer line capacity for future upstream customers within the drainage basin.

**Section 3** Capital Costs

Activity	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
Construction	542,400	0	0	0	0	0	542,400
<b>Total Capital Cost</b>	<b>542,400</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>542,400</b>

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

Type of Expenditure	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
<b>Total</b>							

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

Funding Source(s)	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
Transfer from Wastewater	542,400	0	0	0	0	0	542,400
<b>Total</b>	<b>542,400</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>542,400</b>

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

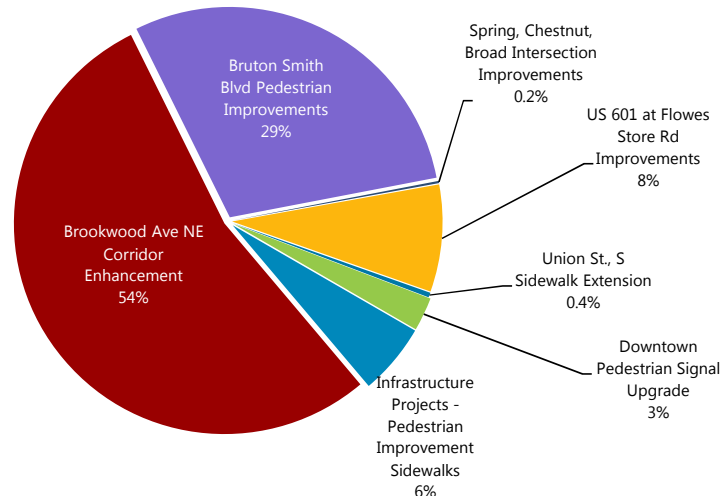
## Fund 423: Transportation Capital Projects

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

	2017-2018 Approved	2018-2019 Planning Yr.	2019-2020 Planning Yr.	2020-2021 Planning Yr.	2021-2022 Planning Yr.	Future Planning Yr.
<b>Expenses By Project</b>						
Infrastructure Projects - Pedestrian Improvement Sidewalks	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ -
Brookwood Ave NE Corridor Enhancement	\$ 1,470,207	\$ 2,300,000	\$ -	\$ -	\$ -	\$ -
Bruton Smith Blvd Pedestrian Improvements	\$ 800,000	\$ -	\$ -	\$ -	\$ -	\$ -
Spring, Chestnut, Broad Intersection Improvements	\$ 5,000	\$ 695,000	\$ -	\$ -	\$ -	\$ -
US 601 at Flowes Store Rd Improvements	\$ 225,000	\$ 185,000	\$ 1,951,469	\$ -	\$ -	\$ -
Bruton Smith Blvd at Weddington Rd., NW Intersection Improvements	\$ -	\$ 182,099	\$ -	\$ -	\$ -	\$ -
Union St., S Sidewalk Extension	\$ 10,000	\$ 390,000	\$ -	\$ -	\$ -	\$ -
Downtown Pedestrian Signal Upgrade	\$ 70,000	\$ 242,000	\$ -	\$ -	\$ -	\$ -
I-85 Branding Project	\$ -	\$ 250,000	\$ -	\$ -	\$ -	\$ -
Dorland Ave Realignment Phase II	\$ -	\$ 200,000	\$ 775,000	\$ -	\$ -	\$ -
<b>Total</b>	<b>\$ 2,730,207</b>	<b>\$ 4,594,099</b>	<b>\$ 2,876,469</b>	<b>\$ 150,000</b>	<b>\$ 150,000</b>	<b>\$ -</b>

	2017-2018 Approved	2018-2019 Planning Yr.	2019-2020 Planning Yr.	2020-2021 Planning Yr.	2021-2022 Planning Yr.	Future Planning Yr.
<b>Revenues by Funding Source</b>						
Vehicle License/Additional \$5 Vehicle Tax	\$ 2,489,207	\$ 3,786,820	\$ 1,315,293	\$ 150,000	\$ 150,000	\$ -
CMAQ Grants	\$ 185,000	\$ 293,672	\$ 1,561,176	\$ -	\$ -	\$ -
Federal Aid	\$ 56,000	\$ 513,600	\$ -	\$ -	\$ -	\$ -
<b>Total</b>	<b>\$ 2,730,207</b>	<b>\$ 4,594,092</b>	<b>\$ 2,876,469</b>	<b>\$ 150,000</b>	<b>\$ 150,000</b>	<b>\$ -</b>

### FY 2018 Transportation Projects



**City of Concord, North Carolina**

**Fiscal Year 2017-18 through 2021-22 Capital Improvement Plan**

<b>Section 1</b>	<b>CIP Title</b>	Infrastructure Projects - Pedestrian Improvement Sidewalks				<b>Budget Unit #</b>	8600	
<b>Budget Unit</b>	Street Projects	<b>Functional Area</b>	Transportation			<b>Priority Rank</b>	1	
<b>Total CIP Cost</b>	Total Appropriations to date	Budget Year 1 FY2017-18	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP
			Year 2 FY2018-19	Year 3 FY2019-20	Year 4 FY2020-21	Year 5 FY2021-22		<input type="checkbox"/> New <input type="checkbox"/> Replacement <input type="checkbox"/> Land/ROW Acq. Required
<b>750,000</b>	<b>0</b>	<b>150,000</b>	<b>150,000</b>	<b>150,000</b>	<b>150,000</b>	<b>150,000</b>	<b>750,000</b>	<input checked="" type="checkbox"/> Expansion <input type="checkbox"/> Renovation

**Section 2** **Description**

Construct 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 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
Clear/Grade/Site Prep	20,000	20,000	20,000	20,000	150,000	0	230,000
Construction-	120,000	120,000	120,000	120,000	0	0	480,000
Land/ROW	10,000	10,000	10,000	10,000	0	0	40,000
<b>Total Capital Cost</b>	<b>150,000</b>	<b>150,000</b>	<b>150,000</b>	<b>150,000</b>	<b>150,000</b>	<b>0</b>	<b>750,000</b>

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

Type of Expenditure	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
<b>Total</b>							

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

Funding Source(s)	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
\$5 Vehicle Fees	150,000	150,000	150,000	150,000	150,000	0	750,000
<b>Total</b>	<b>150,000</b>	<b>150,000</b>	<b>150,000</b>	<b>150,000</b>	<b>150,000</b>	<b>0</b>	<b>750,000</b>

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

Maps / Charts / Tables / Pictures

**City of Concord, North Carolina**

**Fiscal Year 2017-18 through 2021-22 Capital Improvement Plan**

<b>Section 1</b>	<b>CIP Title</b>	Brookwood Ave NE Corridor Enhancement					<b>Budget Unit #</b>	8600
<b>Budget Unit</b>	Street Projects	<b>Functional Area</b>				Transportation	<b>Priority Rank</b>	2
<b>Total CIP Cost</b>	Total Appropriations to date	Budget Year 1 FY2017-18	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP
			Year 2 FY2018-19	Year 3 FY2019-20	Year 4 FY2020-21	Year 5 FY2021-22		<input type="checkbox"/> New <input type="checkbox"/> Replacement <input type="checkbox"/> Land/ROW Acq. Required <input checked="" type="checkbox"/> Expansion <input type="checkbox"/> Renovation
6,372,607	2,602,400	1,470,207	2,300,000	0	0	0	3,770,207	

**Section 2** **Description**

Provide street improvements to the section of Brookwood Ave NE running between Burrage Rd NE and Church Street N, as recommended in the 2006-2007 Brookwood Corridor Study by SV Ralph Whitehead.

**History, Status, or Impact if Delayed**

The initial Brookwood Avenue (NE Section) Corridor Study was presented to and approved by City Council in March of 2007. Continuance of the project was then placed on hold by City Council. Staff was instructed in early 2013 to again look at proceeding with the design and (later) construction of recommended street section. As noted in the initial study, construction of the enhancements will provide for improved operation of the intersections at Church St., N (NC Hwy. 73) and Branchview Dr., NE (NC Hwy. 3), along with providing pedestrian access on the corridor and to the future extension of the Harold McEachern Greenway.

Note: Council advised to proceed with funding the remaining balance in their 2017 work session. STV / Ralph Whitehead is working on 65% plans.

**Justification or Link to City Goals**

Engineering, design, and construction of this section of the Brookwood Corridor will provide needed infrastructure improvements based on the complete streets concept to this east-west thoroughfare as shown on the City of Concord's Comprehensive Transportation Plan (CTP). The project will address Continuous Improvement, safety, and the environment. It was previously identified as a Council Goal in FY07.;

**Section 3** **Capital Costs**

Activity	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
Clear/Grade/Site Prep	2,000,000	0	0	0	0	0	2,000,000
Construction	0	2,300,000	0	0	0	0	2,300,000
Future Projects	(829,793)	0	0	0	0	0	(829,793)
ROW	300,000	0	0	0	0	0	300,000
<b>Total Capital Cost</b>	<b>1,470,207</b>	<b>2,300,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3,770,207</b>

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

Type of Expenditure	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
<b>Total</b>							

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

Funding Source(s)	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
\$5 Vehicle Fees	100,000	0	0	0	0	0	100,000
2¢ Transfer from General Fund	1,370,207	2,300,000	0	0	0	0	3,670,207
<b>Total</b>	<b>1,470,207</b>	<b>2,300,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3,770,207</b>

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

Maps / Charts / Tables / Pictures

**City of Concord, North Carolina**

**Fiscal Year 2017-18 through 2021-22 Capital Improvement Plan**

<b>Section 1</b>	<b>CIP Title</b>	Bruton Smith Blvd Pedestrian Improvements				<b>Budget Unit #</b>	8600	
<b>Budget Unit</b>	Street Projects	<b>Functional Area</b>	Transportation			<b>Priority Rank</b>	3	
<b>Total CIP Cost</b>	Total Appropriations to date	Budget Year 1 FY2017-18	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP
			Year 2 FY2018-19	Year 3 FY2019-20	Year 4 FY2020-21	Year 5 FY2021-22		<input type="checkbox"/> New <input type="checkbox"/> Replacement <input type="checkbox"/> Land/ROW Acq. Required <input checked="" type="checkbox"/> Expansion <input type="checkbox"/> Renovation
<b>800,000</b>	<b>0</b>	<b>800,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>800,000</b>	

**Section 2** **Description**

Participate monetarily for 20% of the actual cost to provide sidewalks and pedestrian crossings along Bruton Smith Blvd from US 29 to Gateway Ln., NW through a Municipal Agreement with the NCDOT.

**History, Status, or Impact if Delayed**

NCDOT has added and ranked this project (EB-5732) into the latest TIP. NCDOT will manage this project and coordinate with affected inties. The City's estimated participation cost for the work is \$800,000.

**Justification or Link to City Goals**

The construction of the Bruton Smith Blvd pedestrian improvements addresses the City Council goal to support Exit 49 economic development and pedestrian projects with City participation. The project is currently on the Statewide TIP listing. The extension of new pedestrian facilities into areas of the City of Concord without such infrastructure and the allocation of funds to provide for such is a stated City Council goal as part of the recommendation of the Livable Communities Blueprint. These improvements also address City of Concord Core Values relating to safety and the environment.

**Section 3** **Capital Costs**

Activity	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
Bruton Smith Blvd Pedestrian Improvements	800,000	0	0	0	0	0	800,000
<b>Total Capital Cost</b>	<b>800,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>800,000</b>

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

Type of Expenditure	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
<b>Total</b>							

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

Funding Source(s)	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
\$5 Vehicle Fee	31,000	0	0	0	0	0	31,000
2¢ Transfer from General Fund	769,000	0	0	0	0	0	769,000
<b>Total</b>	<b>800,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>800,000</b>

**Section 6** **Section 7**

Maps / Charts / Tables / Pictures

Comments for Other Depts.

**City of Concord, North Carolina**

**Fiscal Year 2017-18 through 2021-22 Capital Improvement Plan**

<b>Section 1</b>	<b>CIP Title</b>	Spring, Chestnut, Broad Intersection Improvements				<b>Budget Unit #</b>	8600	
<b>Budget Unit</b>	Street Projects	<b>Functional Area</b>	Transportation			<b>Priority Rank</b>	4	
<b>Total CIP Cost</b>	Total Appropriations to date	Budget Year 1 FY2017-18	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP
			Year 2 FY2018-19	Year 3 FY2019-20	Year 4 FY2020-21	Year 5 FY2021-22		<input type="checkbox"/> New <input type="checkbox"/> Replacement <input type="checkbox"/> Land/ROW Acq. Required <input checked="" type="checkbox"/> Expansion <input checked="" type="checkbox"/> Renovation
700,000	0	5,000	695,000	0	0	0	700,000	

**Section 2** Description

Construct a single-lane mini-roundabout at the intersection of Spring St., SW and Chestnut Dr., SW, as well as, realign Broad Dr., SW.

**History, Status, or Impact if Delayed**

Transportation staff developed a sketch plan and have modeled the intersection in Synchro Software to analyze traffic flow and emissions. Staff have requested a site survey and will bring design plans following receipt of such.

**Justification or Link to City Goals**

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

**Section 3** Capital Costs

Activity	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
Construction	0	695,000	0	0	0	0	695,000
Right-of-way	5,000	0	0	0	0	0	5,000
<b>Total Capital Cost</b>	<b>5,000</b>	<b>695,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>700,000</b>

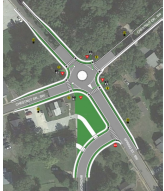
**Section 4** New or Additional Impact on Operating Budget

Type of Expenditure	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
<b>Total</b>							

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

Funding Source(s)	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
\$5 Vehicle Fees	5,000	695,000	0	0	0	0	700,000
<b>Total</b>	<b>5,000</b>	<b>695,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>700,000</b>

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





**City of Concord, North Carolina**

**Fiscal Year 2017-18 through 2021-22 Capital Improvement Plan**

<b>Section 1</b>	<b>CIP Title</b>	US 601 at Flowes Store Rd Improvements				<b>Budget Unit #</b>	8600	
<b>Budget Unit</b>	Street Projects	<b>Functional Area</b>	Transportation			<b>Priority Rank</b>	5	
<b>Total CIP Cost</b>	Total Appropriations to date	Budget Year 1 FY2017-18	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP
			Year 2 FY2018-19	Year 3 FY2019-20	Year 4 FY2020-21	Year 5 FY2021-22		<input type="checkbox"/> New <input type="checkbox"/> Replacement <input type="checkbox"/> Land/ROW Acq. Required <input checked="" type="checkbox"/> Expansion <input type="checkbox"/> Renovation
2,361,469	0	225,000	185,000	1,951,469	0	0	2,361,469	

**Section 2** Description

Construct 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**

In September of 2016, to mitigate current (and future) congestion along the corridor North side of the NC 49 US 106 interchange, the construction of Project C-4918B, 2,070-ft. of additional through lane in the eastbound direction on NC 3 East and 590-ft of through lane with appropriate taper in the eastbound direction on US 601 was completed utilizing CMAQ funds. The current project estimate is \$2,361,469. Using the estimated total project cost, a 20% Local Match of approximately \$472,293 from the Transportation Fund to the Operating Revenue will be required in to meet schedule.

**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 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 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
Construction	0	0	1,951,469	0	0	0	1,951,469
Engineering	225,000	0	0	0	0	0	225,000
Right-of-way	0	185,000	0	0	0	0	185,000
<b>Total Capital Cost</b>	<b>225,000</b>	<b>185,000</b>	<b>1,951,469</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2,361,469</b>

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

Type of Expenditure	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
<b>Total</b>							

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

Funding Source(s)	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
\$5 Vehicle Fees	40,000	37,000	390,293	0	0	0	467,293
CMAQ	185,000	148,000	1,561,176	0	0	0	1,894,176
<b>Total</b>	<b>225,000</b>	<b>185,000</b>	<b>1,951,469</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2,361,469</b>

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



**City of Concord, North Carolina**

**Fiscal Year 2017-18 through 2021-22 Capital Improvement Plan**

<b>Section 1</b>	<b>CIP Title</b>	Bruton Smith Blvd at Weddington Rd., NW Intersection Improvements				<b>Budget Unit #</b>	8600	
<b>Budget Unit</b>	Street Projects	<b>Functional Area</b>	Transportation			<b>Priority Rank</b>	6	
<b>Total CIP Cost</b>	Total Appropriations to date	Budget Year 1 FY2017-18	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP
			Year 2 FY2018-19	Year 3 FY2019-20	Year 4 FY2020-21	Year 5 FY2021-22		<input type="checkbox"/> New <input type="checkbox"/> Replacement <input type="checkbox"/> Land/ROW Acq. Required <input checked="" type="checkbox"/> Expansion <input type="checkbox"/> Renovation
182,099	0	0	182,099	0	0	0	182,099	

**Section 2** Description

Contract an additional eastbound right turn lane and extend the eastbound dual left turn lanes on Bruton Smith Boulevard at Weddington Road.

**History, Status, or Impact if Delayed**

The Bruton Smith Boulevard facility lacks an eastbound right turn lane and adequate left turn storage and has poor access management into adjoining commercial properties to allow the signals to function at an optimal level of service. Additionally, backups occur along the 85 NB ramp dual right turn lanes, and at times into I-85 itself, at Bruton Smith Boulevard due to vehicles stacking beyond the existing left turn storage for access to Weddington Blvd., NW. The current project estimate is \$182,099 Using the estimated total project cost, a 20% Local Match of approximately \$36,420 from the Transportation Fund to the Operating Revenue will be required in to meet schedule.

**Justification or Link to City Goals**

To mitigate current (and future) congestion of this intersection, the Transportation Department proposes the design and construction of an extension to the existing eastbound bound dual turn lanes, eastbound right turn lane, appropriate tapers, and associated pavement markings. This improvement will provide approximately 275 feet of additional left turn storage, approximately 200 feet of right turn storage, better access management, safety, and vehicle flow to allow for improved traffic flow through the intersection.

**Section 3** Capital Costs

Activity	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
Construction	0	182,099	0	0	0	0	182,099
<b>Total Capital Cost</b>	<b>0</b>	<b>182,099</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>182,099</b>

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

Type of Expenditure	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
<b>Total</b>							

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

Funding Source(s)	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
CMAQ	0	145,672	0	0	0	0	145,672
Transfer from GF/Vehicle Fees	0	36,420	0	0	0	0	36,420
<b>Total</b>	<b>0</b>	<b>182,092</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>182,092</b>

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



**City of Concord, North Carolina**

**Fiscal Year 2017-18 through 2021-22 Capital Improvement Plan**

<b>Section 1</b>	<b>CIP Title</b>	Union St., S Sidewalk Extension				<b>Budget Unit #</b>	8600		
<b>Budget Unit</b>	Street Projects	<b>Functional Area</b>	Transportation			<b>Priority Rank</b>	7		
<b>Total CIP Cost</b>	Total Appropriations to date	Budget Year 1 FY2017-18	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP	
			Year 2 FY2018-19	Year 3 FY2019-20	Year 4 FY2020-21	Year 5 FY2021-22		<input type="checkbox"/> New	<input checked="" type="checkbox"/> Expansion
			<input type="checkbox"/> Replacement	<input type="checkbox"/> Renovation					
			<input type="checkbox"/> Land/ROW Acq. Required						
<b>400,000</b>	<b>0</b>	<b>10,000</b>	<b>390,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>400,000</b>		

**Section 2** **Description**

Construct sidewalk along Union St., S from Tulip Ave., SW to NC 3 (Union St., S) and continue to Cumberland Ct., SW

**History, Status, or Impact if Delayed**

The current project estimate is \$400,000. Using the estimated total project cost, a 20% Local Match of approximately \$80,000 from the Transportation Fund to the Operating Revenue will be required in to meet schedule.

**Justification or Link to City Goals**

The Union St., S Sidewalk Extension would complete the continuous sidewalk from Downtown Concord which ends at Tulip Ave., SW with the newly constructed sidewalk on NC 3 (Union St., S) which was installed from US 601 to Cumberland Ct., SW. The project includes associated curb & gutter and storm drainage structures as necessary. The segment is also part of the City of Concord Pedestrian Improvement Program (PIP) where by the elected officials and staff regularly receive requests for sidewalks in residential areas. This portion is also included in the City of Concord Comprehensive Transportation Plan (CTP).

**Section 3** **Capital Costs**

Activity	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
Construction	0	390,000	0	0	0	0	390,000
Right-of-way	10,000	0	0	0	0	0	10,000
<b>Total Capital Cost</b>	<b>10,000</b>	<b>390,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>400,000</b>

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

Type of Expenditure	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
<b>Total</b>							

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

Funding Source(s)	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
\$5 Vehicle Fees	10,000	70,000	0	0	0	0	80,000
Transportation Alternative Program (TAP)	0	320,000	0	0	0	0	320,000
<b>Total</b>	<b>10,000</b>	<b>390,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>400,000</b>

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



**City of Concord, North Carolina**

**Fiscal Year 2017-18 through 2021-22 Capital Improvement Plan**

<b>Section 1</b>	<b>CIP Title</b>	Downtown Pedestrian Signal Upgrade				<b>Budget Unit #</b>	8600		
<b>Budget Unit</b>	Street Projects	<b>Functional Area</b>	Transportation			<b>Priority Rank</b>	8		
<b>Total CIP Cost</b>	Total Appropriations to date	Budget Year 1 FY2017-18	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP	
			Year 2 FY2018-19	Year 3 FY2019-20	Year 4 FY2020-21	Year 5 FY2021-22		<input type="checkbox"/> New	<input type="checkbox"/> Expansion
							<input type="checkbox"/> Replacement	<input checked="" type="checkbox"/> Renovation	
			<input type="checkbox"/> Land/ROW Acq. Required						
<b>312,000</b>	<b>0</b>	<b>70,000</b>	<b>242,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>312,000</b>		

**Section 2 Description**

Retrofit the City of Concord's Downtown district Traffic Signals with Countdown Pedestrian Signals and Push Buttons.

**History, Status, or Impact if Delayed**

The current project estimate is \$312,000. Using the estimated total project cost, a 20% Local Match of approximately \$62,400 from the Transportation Fund to the Operating Revenue will be required in to meet schedule.

**Justification or Link to City Goals**

The Downtown Pedestrian Signal Upgrade Project will install 58 Countdown Pedestrian Signals and Push Buttons, with associated mounting and wiring, in the downtown district of Concord, NC. The Downtown district contains of a mixture of residential, retail, government and commercial business as well as the City of Concord's 4-Mile Downtown Greenway Loop. Some intersections are within walking distance of schools, churches, and historical destinations. By including Countdown Pedestrian Signals into the downtown system, it is expected that there will be a reduction in the number of pedestrians caught in the crosswalk when the cycle ends and increased pedestrians' perceived safety. In addition, the pedestrian push buttons will reduce the delay when pedestrians are not present and improves pedestrian compliance.

**Section 3 Capital Costs**

Activity	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
Construction	0	242,000	0	0	0	0	242,000
Engineering	70,000	0	0	0	0	0	70,000
<b>Total Capital Cost</b>	<b>70,000</b>	<b>242,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>312,000</b>

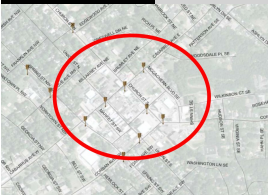
**Section 4 New or Additional Impact on Operating Budget**

Type of Expenditure	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
<b>Total</b>							

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

Funding Source(s)	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
\$5 Vehicle Fees	14,000	48,400	0	0	0	0	62,400
Transportation Alternative Program (TAP)	56,000	193,600	0	0	0	0	249,600
<b>Total</b>	<b>70,000</b>	<b>242,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>312,000</b>

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



**City of Concord, North Carolina**

**Fiscal Year 2017-18 through 2021-22 Capital Improvement Plan**

<b>Section 1</b>	<b>CIP Title</b>	I-85 Branding Project				<b>Budget Unit #</b>	8600		
<b>Budget Unit</b>	Street Projects	<b>Functional Area</b>	Transportation			<b>Priority Rank</b>	9		
<b>Total CIP Cost</b>	Total Appropriations to date	Budget Year 1 FY2017-18	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP	
			Year 2 FY2018-19	Year 3 FY2019-20	Year 4 FY2020-21	Year 5 FY2021-22		<input checked="" type="checkbox"/> New	<input type="checkbox"/> Expansion
							<input type="checkbox"/> Replacement	<input type="checkbox"/> Renovation	
			<input type="checkbox"/> Land/ROW Acq. Required						
<b>250,000</b>	<b>0</b>	<b>0</b>	<b>250,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>250,000</b>		

**Section 2 Description**

Participate in the NCDOT TIP Project I-3802A for the construction of gateway monuments at certain interchanges of I-85 and corridors into Concord. 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. Design is complete and the construction estimate will be brought before council for approval when complete. (Anticipate Summer 2017)

**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 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
Construction	0	250,000	0	0	0	0	250,000
<b>Total Capital Cost</b>	<b>0</b>	<b>250,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>250,000</b>

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

Type of Expenditure	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
<b>Total</b>							

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

Funding Source(s)	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
Transfer from GF/Vehicle Fees	0	250,000	0	0	0	0	250,000
<b>Total</b>	<b>0</b>	<b>250,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>250,000</b>

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



**City of Concord, North Carolina**

**Fiscal Year 2017-18 through 2021-22 Capital Improvement Plan**

<b>Section 1</b>	<b>CIP Title</b>	Dorland Ave Realignment Phase II				<b>Budget Unit #</b>	8600		
<b>Budget Unit</b>	Street Projects	<b>Functional Area</b>	Transportation			<b>Priority Rank</b>	10		
<b>Total CIP Cost</b>	Total Appropriations to date	Budget Year 1 FY2017-18	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP	
			Year 2 FY2018-19	Year 3 FY2019-20	Year 4 FY2020-21	Year 5 FY2021-22		<input type="checkbox"/> New	<input checked="" type="checkbox"/> Expansion
			<input type="checkbox"/> Replacement	<input type="checkbox"/> Renovation					
			<input type="checkbox"/> Land/ROW Acq. Required						
<b>975,000</b>	<b>0</b>	<b>0</b>	<b>200,000</b>	<b>775,000</b>	<b>0</b>	<b>0</b>	<b>975,000</b>		

**Section 2** **Description**

To complete the realignment of Dorland Ave from Kerr St., NW to Crowell Dr., SW, adjacent to Baber-Scotia College.

**History, Status, or Impact if Delayed**

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

**Justification or Link to City Goals**

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

**Section 3** **Capital Costs**

Activity	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
Construction	0	0	775,000	0	0	0	775,000
Engineering	0	200,000	0	0	0	0	200,000
<b>Total Capital Cost</b>	<b>0</b>	<b>200,000</b>	<b>775,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>975,000</b>

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

Type of Expenditure	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
<b>Total</b>							

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

Funding Source(s)	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
Transfer from GF/Vehicle Fees	0	200,000	775,000	0	0	0	975,000
<b>Total</b>	<b>0</b>	<b>200,000</b>	<b>775,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>975,000</b>

**Section 6** **Section 7**

Maps / Charts / Tables / Pictures

Comments for Other Depts.



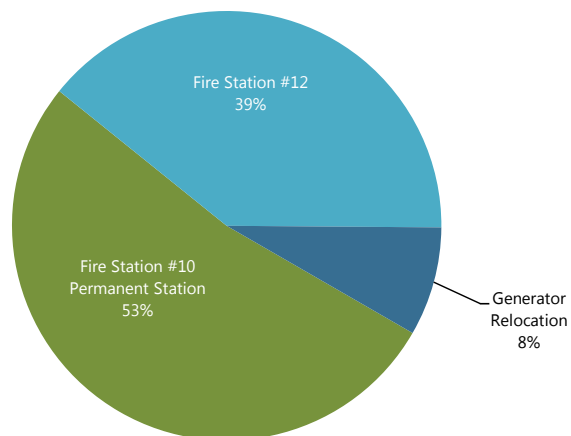
## Fund 426: Fire Capital Projects

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

	2017-2018 Approved	2018-2019 Planning Yr.	2019-2020 Planning Yr.	2020-2021 Planning Yr.	2021-2022 Planning Yr.	Future Planning Yr.
<b>Expenses By Project</b>						
Fire Station #10 Permanent Station New Engine Company & Crew for Fire Station #11	\$ 319,921	\$ 3,862,267	\$ -	\$ -	\$ -	\$ -
Fire Station #12	\$ 240,000	\$ 350,000	\$ 4,500,000	\$ -	\$ -	\$ -
Training Facility	\$ -	\$ -	\$ -	\$ 5,986,590	\$ -	\$ -
Generator Relocation	\$ 50,000	\$ -	\$ -	\$ -	\$ -	\$ -
<b>Total</b>	<b>\$ 609,921</b>	<b>\$ 4,212,267</b>	<b>\$ 6,177,337</b>	<b>\$ 5,986,590</b>	<b>\$ -</b>	<b>\$ -</b>

	2017-2018 Approved	2018-2019 Planning Yr.	2019-2020 Planning Yr.	2020-2021 Planning Yr.	2021-2022 Planning Yr.	Future Planning Yr.
<b>Revenues by Funding Source</b>						
Transfer from General Fund	\$ 369,921	\$ 3,862,267	\$ -	\$ -	\$ -	\$ -
Operating Revenues	\$ -	\$ -	\$ 943,087	\$ -	\$ -	\$ -
Transfer from General Capital Reserve	\$ 240,000	\$ 350,000	\$ 5,234,250	\$ 5,986,590	\$ -	\$ -
<b>Total</b>	<b>\$ 609,921</b>	<b>\$ 4,212,267</b>	<b>\$ 6,177,337</b>	<b>\$ 5,986,590</b>	<b>\$ -</b>	<b>\$ -</b>

### FY 2018 Fire Capital Projects



**City of Concord, North Carolina**

**Fiscal Year 2017-18 through 2021-22 Capital Improvement Plan**

<b>Section 1</b>	<b>CIP Title</b>	Fire Station #10 Permanent Station				<b>Budget Unit #</b>	8670		
<b>Budget Unit</b>	Fire Station Projects	<b>Functional Area</b>	Public Safety			<b>Priority Rank</b>	1		
<b>Total CIP Cost</b>	Total Appropriations to date	Budget Year 1 FY2017-18	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP	
			Year 2 FY2018-19	Year 3 FY2019-20	Year 4 FY2020-21	Year 5 FY2021-22		<input checked="" type="checkbox"/> New	<input type="checkbox"/> Expansion
							<input type="checkbox"/> Replacement	<input type="checkbox"/> Renovation	
							<input type="checkbox"/> Land/ROW Acq. Required		
<b>4,182,188</b>	<b>0</b>	<b>319,921</b>	<b>3,862,267</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4,182,188</b>		

**Section 2** **Description**

The preliminary design, engineering and architecture design in FY18 will be the first step in the process of a permanent Fire Station which will replace the temporary building currently on site. This project will serve the Harris Road/Poplar Tent Road area from the current site adjacent to the Cannon Crossing Commercial development and includes permanent station construction and equipment in FY19 for Fire Station #10. This facility will also include space for the Concord Police Department's Edward District Office and a partnership with Cabarrus County EMS.

**History, Status, or Impact if Delayed**

Until the permanent fire station is completed, the needed ladder company for this area will not be relocated and this will adversely affect company distribution.

**Justification or Link to City Goals**

The permanent fire station is required based on recent and anticipated annexations in this growth area within the City's northwestern boundary agreement. Effective Fall 2010, Engine Company 10 entered service; however, this area of the city requires a ladder company based on structures in the area and the distribution of companies.

**Section 3** **Capital Costs**

Activity	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
Clear/Grade Site Prep	0	231,525	0	0	0	0	231,525
Construction	0	3,500,000	0	0	0	0	3,500,000
Engineering/Arch Design	300,000	0	0	0	0	0	300,000
Light Equipment	0	130,742	0	0	0	0	130,742
Preliminary Design	19,921	0	0	0	0	0	19,921
<b>Total Capital Cost</b>	<b>319,921</b>	<b>3,862,267</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4,182,188</b>

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

Type of Expenditure	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
<b>Total</b>							

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

Funding Source(s)	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
Transfer from General Fund	319,921	3,862,267	0	0	0	0	4,182,188
<b>Total</b>	<b>319,921</b>	<b>3,862,267</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4,182,188</b>

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

Engineering, Legal, and Police. The Edward District office for the Police Department will result in an estimated \$300,000 +/- increase in the overall cost of this project. Adding a parking area for the PD will also have a significant impact. Cost of construction was updated by Ken Griffin Architecture in December of 2015.



**City of Concord, North Carolina**

**Fiscal Year 2017-18 through 2021-22 Capital Improvement Plan**

<b>Section 1</b>	<b>CIP Title</b>	New Engine Company & Crew for Fire Station 11				<b>Budget Unit #</b>	8670	
<b>Budget Unit</b>	Fire Station Projects	<b>Functional Area</b>	Public Safety			<b>Priority Rank</b>	2	
<b>Total CIP Cost</b>	Total Appropriations to date	Budget Year 1 FY2017-18	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP
			Year 2 FY2018-19	Year 3 FY2019-20	Year 4 FY2020-21	Year 5 FY2021-22		<input checked="" type="checkbox"/> New <input type="checkbox"/> Replacement <input type="checkbox"/> Land/ROW Acq. Required <input type="checkbox"/> Expansion <input type="checkbox"/> Renovation
1,677,337	0	0	0	1,677,337	0	0	1,677,337	

**Section 2** **Description**

Fire Station #11 will need to purchase a new engine and the staff necessary to operate the station.

**History, Status, or Impact if Delayed**

This engine company would be assigned to Fire Station #11 and will serve the Concord Mills Mall area. It will relieve pressure on the Ladder Company currently assigned at the station. Ladder companies are not designed to respond to EMS calls and other typical engine company calls (care fires, dumpster fires, etc). Current ISO standards call for an engine company to respond within 1.5 miles of structures and a ladder company to respond within 2.5 miles of required structures. The current ladder assigned to Station #11 can be counted for the ladder company or the engine company, but not both according to current ISO standards.

**Justification or Link to City Goals**

This project involves the purchase of one new engine and the staff necessary equipment and staffing to place a new engine company in service in the Concord Mills Mall area.

**Section 3** **Capital Costs**

Activity	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
<b>Total Capital Cost</b>							

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

Type of Expenditure	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
Apparatus for Station #11	0	0	734,250	0	0	0	734,250
Staff for Station #11	0	0	943,087	0	0	0	943,087
<b>Total</b>	<b>0</b>	<b>0</b>	<b>1,677,337</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,677,337</b>

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

Funding Source(s)	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
Capital Reserve	0	0	734,250	0	0	0	734,250
Operating Revenue	0	0	943,087	0	0	0	943,087
<b>Total</b>	<b>0</b>	<b>0</b>	<b>1,677,337</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,677,337</b>

**Section 6** **Section 7**

Maps / Charts / Tables / Pictures

Comments for Other Depts.

**City of Concord, North Carolina**

**Fiscal Year 2017-18 through 2021-22 Capital Improvement Plan**

<b>Section 1</b>	<b>CIP Title</b>	Fire Station 12				<b>Budget Unit #</b>	8670		
<b>Budget Unit</b>	Fire Station Projects	<b>Functional Area</b>	Public Safety			<b>Priority Rank</b>	3		
<b>Total CIP Cost</b>	Total Appropriations to date	Budget Year 1 FY2017-18	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP	
			Year 2 FY2018-19	Year 3 FY2019-20	Year 4 FY2020-21	Year 5 FY2021-22		<input checked="" type="checkbox"/> New	<input type="checkbox"/> Expansion
							<input type="checkbox"/> Replacement	<input type="checkbox"/> Renovation	
							<input type="checkbox"/> Land/ROW Acq. Required		
<b>5,090,000</b>	<b>0</b>	<b>240,000</b>	<b>350,000</b>	<b>4,500,000</b>	<b>0</b>	<b>0</b>	<b>5,090,000</b>		

**Section 2** **Description**

The preliminary design, engineering and architecture design in FY 18-19 will be the first step in the process of a permanent station in the Roberta Rd. and Roberta Church Rd. area. Construction would be scheduled to begin in the FY 19-20 budget cycle.

**History, Status, or Impact if Delayed**

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

**Justification or Link to City Goals**

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

**Section 3** **Capital Costs**

Activity	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
Clear/ Grade Site	0	0	250,000	0	0	0	250,000
Construction	0	0	4,100,000	0	0	0	4,100,000
Engineering/ Architecture	0	300,000	0	0	0	0	300,000
Furnishing and Equipment	0	0	150,000	0	0	0	150,000
Land	240,000	0	0	0	0	0	240,000
Preliminary Design	0	50,000	0	0	0	0	50,000
<b>Total Capital Cost</b>	<b>240,000</b>	<b>350,000</b>	<b>4,500,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>5,090,000</b>

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

Type of Expenditure	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
<b>Total</b>							

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

Funding Source(s)	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
Transfer from General Capital Reserves	240,000	350,000	4,500,000	0	0	0	5,090,000
<b>Total</b>	<b>240,000</b>	<b>350,000</b>	<b>4,500,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>5,090,000</b>

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

This will involve the following departments: engineering, building and grounds, legal, city manager's office and electrical.

**City of Concord, North Carolina**

**Fiscal Year 2017-18 through 2021-22 Capital Improvement Plan**

<b>Section 1</b>	<b>CIP Title</b>	Training Facility				<b>Budget Unit #</b>	8670		
<b>Budget Unit</b>	Fire Station Projects	<b>Functional Area</b>	Public Safety			<b>Priority Rank</b>	4		
<b>Total CIP Cost</b>	Total Appropriations to date	Budget Year 1 FY2017-18	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP	
			Year 2 FY2018-19	Year 3 FY2019-20	Year 4 FY2020-21	Year 5 FY2021-22		<input type="checkbox"/> New <input checked="" type="checkbox"/> Replacement <input type="checkbox"/> Land/ROW Acq. Required	<input type="checkbox"/> Expansion <input type="checkbox"/> Renovation
5,986,590	0	0	0	0	5,986,590	0	5,986,590		

**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 194 employees. The current facility no longer meets the needs of the department. This facility would be a joint project between the police and fire departments. The police department does not currently have a training facility.

**Section 3** **Capital Costs**

Activity	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
Clear/Grade/Site Prep	0	0	0	254,677	0	0	254,677
Construction	0	0	0	5,030,000	0	0	5,030,000
Engineering	0	0	0	330,000	0	0	330,000
Land/ROW	0	0	0	350,000	0	0	350,000
Prelim Design/Plans	0	0	0	21,913	0	0	21,913
<b>Total Capital Cost</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>5,986,590</b>	<b>0</b>	<b>0</b>	<b>5,986,590</b>

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

Type of Expenditure	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
<b>Total</b>							

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

Funding Source(s)	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
Capital Reserve	0	0	0	5,986,590	0	0	5,986,590
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>5,986,590</b>	<b>0</b>	<b>0</b>	<b>5,986,590</b>

**Section 6** **Section 7**

Maps / Charts / Tables / Pictures

Comments for Other Depts.

**City of Concord, North Carolina**

**Fiscal Year 2017-18 through 2021-22 Capital Improvement Plan**

<b>Section 1</b>	<b>CIP Title</b>	Generator Relocation				<b>Budget Unit #</b>	8670		
<b>Budget Unit</b>	Fire Station Projects	<b>Functional Area</b>				<b>Priority Rank</b>	5		
<b>Total CIP Cost</b>	Total Appropriations to date	Budget Year 1 FY2017-18	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP	
			Year 2 FY2018-19	Year 3 FY2019-20	Year 4 FY2020-21	Year 5 FY2021-22		<input type="checkbox"/> New	<input type="checkbox"/> Expansion
			<input type="checkbox"/> Replacement	<input checked="" type="checkbox"/> Renovation					
			<input type="checkbox"/> Land/ROW Acq. Required						
<b>151,000</b>	<b>101,000</b>	<b>50,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>50,000</b>		

**Section 2** **Description**

The generator currently located behind 26 Union Street South will be relocated to Fire Station #3 to provide backup generation capabilities for the Communications Center and the entire fire station.

**History, Status, or Impact if Delayed**

**Justification or Link to City Goals**

Relocating the existing generator allows the City to use an existing generator rather than purchasing a new one.

**Section 3** **Capital Costs**

Activity	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
Relocation/Rewiring of Generator	50,000	0	0	0	0	0	50,000
<b>Total Capital Cost</b>	<b>50,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>50,000</b>

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

Type of Expenditure	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
<b>Total</b>							

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

Funding Source(s)	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
Transfer from General Fund for Generator Moving	50,000	0	0	0	0	0	50,000
<b>Total</b>	<b>50,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>50,000</b>

**Section 6** **Section 7**

Maps / Charts / Tables / Pictures

**Comments for Other Depts.**

Building & Grounds is facilitating the move of the generator.

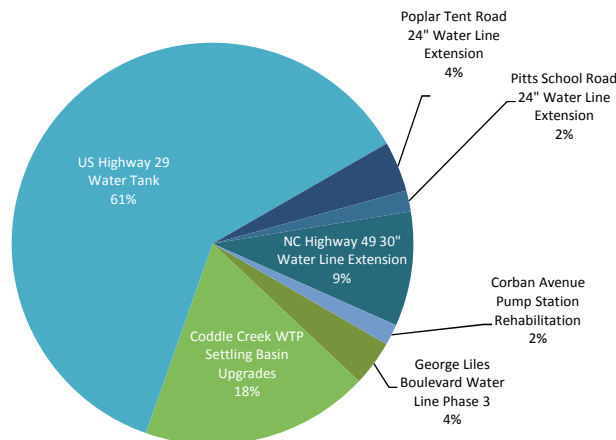
## Fund 429: Water Capital Expenditures

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

	2017-2018 Approved	2018-2019 Planning Yr.	2019-2020 Planning Yr.	2020-2021 Planning Yr.	2021-2022 Planning Yr.	Future Planning Yr.
<b>Expenses By Project</b>						
George Liles Boulevard Water Line Phase 3	\$ 300,000	\$ -	\$ -	\$ -	\$ -	\$ -
Coddle Creek WTP Settling Basin Upgrades	\$ 1,500,000	\$ 3,000,000	\$ -	\$ -	\$ -	\$ -
US Highway 29 Water Tank	\$ 5,000,000	\$ -	\$ -	\$ -	\$ -	\$ -
Poplar Tent Road 24" Water Line Extension	\$ 332,000	\$ 1,553,000	\$ -	\$ -	\$ -	\$ -
Pitts School Road 24" Water Line Extension	\$ 137,000	\$ 683,000	\$ -	\$ -	\$ -	\$ -
NC Highway 49 30" Water Line Extension	\$ 753,000	\$ 3,766,000	\$ -	\$ -	\$ -	\$ -
Corban Avenue Pump Station Rehabilitation	\$ 137,000	\$ -	\$ -	\$ -	\$ -	\$ -
Coddle Creek WTP Switchgear Replacement	\$ -	\$ 1,485,000	\$ -	\$ -	\$ -	\$ -
Roberta Road 8" Water Line Replacement	\$ -	\$ 500,000	\$ -	\$ -	\$ -	\$ -
TRS for Midland Tank and Mt. Pleasant Tank	\$ -	\$ 750,000	\$ 750,000	\$ -	\$ -	\$ -
Hillgrove WTP Rapid Mix Basin Rehabilitation	\$ -	\$ 100,000	\$ -	\$ -	\$ -	\$ -
Coddle Creek WTP Biofilter Installation	\$ -	\$ 228,000	\$ -	\$ -	\$ -	\$ -
NC Highway 73 24" Water Line Kannapolis Parkway & Trinity Church Road	\$ -	\$ -	\$ 195,470	\$ 1,107,655	\$ -	\$ -
Hillgrove WTP Settling Basin Improvements	\$ -	\$ -	\$ 100,000	\$ 2,200,000	\$ -	\$ -
Upgrade Basin Valve Actuators at Hillgrove WTP	\$ -	\$ -	\$ 200,000	\$ -	\$ -	\$ -
NC Highway 49 24" Water Line Extension	\$ -	\$ -	\$ 749,000	\$ 5,240,000	\$ -	\$ -
Resurface Clearwell #2 at Hillgrove WTP	\$ -	\$ -	\$ -	\$ 130,000	\$ -	\$ -
General Services Drive 12" Parallel Water Line	\$ -	\$ -	\$ -	\$ 32,000	\$ 218,000	\$ -
Zion Church Road 12" Parallel Water Line	\$ -	\$ -	\$ -	\$ 37,000	\$ 259,000	\$ -
George Liles Blvd Waterline Phase IV	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,875,000
Poplar Tent Road 12" Water Line Extension at NC Highway 73	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 685,303
NC Highway 73 Water Main Connection to Charlotte Water	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 544,000
	\$ 8,159,000	\$ 12,065,000	\$ 1,994,470	\$ 8,746,655	\$ 477,000	\$ 4,104,303

	2017-2018 Approved	2018-2019 Planning Yr.	2019-2020 Planning Yr.	2020-2021 Planning Yr.	2021-2022 Planning Yr.	Future Planning Yr.
<b>Revenues by Funding Source</b>						
Transfer from Water	\$ 8,159,000	\$ 12,065,000	\$ 1,997,470	\$ 8,746,655	\$ 477,000	\$ 4,104,303
<b>Total</b>	\$ 8,159,000	\$ 12,065,000	\$ 1,997,470	\$ 8,746,655	\$ 477,000	\$ 4,104,303

### FY 2018 Water Capital Projects



**City of Concord, North Carolina**

**Fiscal Year 2017-18 through 2021-22 Capital Improvement Plan**

<b>Section 1</b>	<b>CIP Title</b>	George Liles Boulevard Water Line Phase 3				<b>Budget Unit #</b>	8700		
<b>Budget Unit</b>	Water Projects	<b>Functional Area</b>	Water			<b>Priority Rank</b>	1		
<b>Total CIP Cost</b>	Total Appropriations to date	Budget Year 1 FY2017-18	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP	
			Year 2 FY2018-19	Year 3 FY2019-20	Year 4 FY2020-21	Year 5 FY2021-22		<input type="checkbox"/> New	<input checked="" type="checkbox"/> Expansion
			<input type="checkbox"/> Replacement	<input type="checkbox"/> Renovation					
			<input type="checkbox"/> Land/ROW Acq. Required						
<b>1,777,621</b>	<b>1,477,621</b>	<b>300,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>300,000</b>		

**Section 2** **Description**

Provide a new 24" water line from Weddington Road to Roberta Road as part of the NCDOT Westside Bypass Project.

**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.

**Section 3** **Capital Costs**

Activity	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
Construction	300,000	0	0	0	0	0	300,000
<b>Total Capital Cost</b>	<b>300,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>300,000</b>

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

Type of Expenditure	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
<b>Total</b>							

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

Funding Source(s)	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
Transfer from Water	300,000	0	0	0	0	0	300,000
<b>Total</b>	<b>300,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>300,000</b>

**Section 6** **Section 7**

Maps / Charts / Tables / Pictures

Comments for Other Depts.

**City of Concord, North Carolina**

**Fiscal Year 2017-18 through 2021-22 Capital Improvement Plan**

<b>Section 1</b>	<b>CIP Title</b>	Coddle Creek WTP Settling Basin Upgrades					<b>Budget Unit #</b>	8700
<b>Budget Unit</b>	Water Projects	<b>Functional Area</b>	Water				<b>Priority Rank</b>	2
<b>Total CIP Cost</b>	Total Appropriations to date	Budget Year 1 FY2017-18	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP
			Year 2 FY2018-19	Year 3 FY2019-20	Year 4 FY2020-21	Year 5 FY2021-22		<input type="checkbox"/> New <input checked="" type="checkbox"/> Replacement <input type="checkbox"/> Land/ROW Acq. Required <input type="checkbox"/> Expansion <input type="checkbox"/> Renovation
4,725,000	225,000	1,500,000	3,000,000	0	0	0	4,500,000	

**Section 2** Description

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

**History, Status, or Impact if Delayed**

**Justification or Link to City Goals**

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

**Section 3** Capital Costs

Activity	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
Construction	1,500,000	3,000,000	0	0	0	0	4,500,000
<b>Total Capital Cost</b>	<b>1,500,000</b>	<b>3,000,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4,500,000</b>

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

Type of Expenditure	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
<b>Total</b>							

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

Funding Source(s)	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
Transfer from Water	1,500,000	3,000,000	0	0	0	0	4,500,000
<b>Total</b>	<b>1,500,000</b>	<b>3,000,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4,500,000</b>

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

**City of Concord, North Carolina**

**Fiscal Year 2017-18 through 2021-22 Capital Improvement Plan**

<b>Section 1</b>	<b>CIP Title</b>	US Highway 29 Water Tank				<b>Budget Unit #</b>	8700		
<b>Budget Unit</b>	Water Projects	<b>Functional Area</b>	Water			<b>Priority Rank</b>	3		
<b>Total CIP Cost</b>	Total Appropriations to date	Budget Year 1 FY2017-18	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP	
			Year 2 FY2018-19	Year 3 FY2019-20	Year 4 FY2020-21	Year 5 FY2021-22		<input checked="" type="checkbox"/> New	<input type="checkbox"/> Expansion
			<input type="checkbox"/> Replacement	<input type="checkbox"/> Renovation					
			<input type="checkbox"/> Land/ROW Acq. Required						
5,000,000	0	5,000,000	0	0	0	0	5,000,000		

**Section 2** Description

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

**History, Status, or Impact if Delayed**

**Justification or Link to City Goals**

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

**Section 3** Capital Costs

Activity	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
Design & Construction	5,000,000	0	0	0	0	0	5,000,000
<b>Total Capital Cost</b>	<b>5,000,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>5,000,000</b>

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

Type of Expenditure	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
<b>Total</b>							

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

Funding Source(s)	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
Transfer from Water	5,000,000	0	0	0	0	0	5,000,000
<b>Total</b>	<b>5,000,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>5,000,000</b>

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



**City of Concord, North Carolina**

**Fiscal Year 2017-18 through 2021-22 Capital Improvement Plan**

<b>Section 1</b>	<b>CIP Title</b>	Poplar Tent Road 24" Water Line Extension					<b>Budget Unit #</b>	8700
<b>Budget Unit</b>	Water Projects	<b>Functional Area</b>	Water				<b>Priority Rank</b>	4
<b>Total CIP Cost</b>	Total Appropriations to date	Budget Year 1 FY2017-18	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP
			Year 2 FY2018-19	Year 3 FY2019-20	Year 4 FY2020-21	Year 5 FY2021-22		<input checked="" type="checkbox"/> New <input type="checkbox"/> Replacement <input type="checkbox"/> Land/ROW Acq. Required <input type="checkbox"/> Expansion <input type="checkbox"/> Renovation
1,885,000	0	332,000	1,553,000	0	0	0	1,885,000	

**Section 2** **Description**

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**

To 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 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
Construction	0	1,553,000	0	0	0	0	1,553,000
Design, ROW	332,000	0	0	0	0	0	332,000
<b>Total Capital Cost</b>	<b>332,000</b>	<b>1,553,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,885,000</b>

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

Type of Expenditure	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
<b>Total</b>							

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

Funding Source(s)	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
Transfer from Water	332,000	1,553,000	0	0	0	0	1,885,000
<b>Total</b>	<b>332,000</b>	<b>1,553,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,885,000</b>

**Section 6** **Section 7**

Maps / Charts / Tables / Pictures

Comments for Other Depts.

**City of Concord, North Carolina**

**Fiscal Year 2017-18 through 2021-22 Capital Improvement Plan**

<b>Section 1</b>	<b>CIP Title</b>	Pitts School Road 24" Water Line Extension				<b>Budget Unit #</b>	8700	
<b>Budget Unit</b>	Water Projects	<b>Functional Area</b>	Water			<b>Priority Rank</b>	5	
<b>Total CIP Cost</b>	Total Appropriations to date	Budget Year 1 FY2017-18	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP
			Year 2 FY2018-19	Year 3 FY2019-20	Year 4 FY2020-21	Year 5 FY2021-22		<input checked="" type="checkbox"/> New <input type="checkbox"/> Replacement <input type="checkbox"/> Land/ROW Acq. Required <input type="checkbox"/> Expansion <input type="checkbox"/> Renovation
820,000	0	137,000	683,000	0	0	0	820,000	

**Section 2** **Description**

Provide a new 24" water line along Pitts School Road from Belt Road to Weddington 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 recently completed Water Master Plan project.

<b>Section 3</b>	<b>Capital Costs</b>							
<b>Activity</b>	<b>FY 2017-18</b>	<b>FY 2018-19</b>	<b>FY 2019-20</b>	<b>FY 2020-21</b>	<b>FY 2021-22</b>	<b>Future \$\$</b>	<b>Total</b>	
Construction	0	683,000	0	0	0	0	0	683,000
Design, ROW	137,000	0	0	0	0	0	0	137,000
<b>Total Capital Cost</b>	<b>137,000</b>	<b>683,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>820,000</b>

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

<b>Type of Expenditure</b>	<b>FY 2017-18</b>	<b>FY 2018-19</b>	<b>FY 2019-20</b>	<b>FY 2020-21</b>	<b>FY 2021-22</b>	<b>Future \$\$</b>	<b>Total</b>
<b>Total</b>							

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

<b>Funding Source(s)</b>	<b>FY 2017-18</b>	<b>FY 2018-19</b>	<b>FY 2019-20</b>	<b>FY 2020-21</b>	<b>FY 2021-22</b>	<b>Future \$\$</b>	<b>Total</b>
Transfer from Water	137,000	683,000	0	0	0	0	820,000
<b>Total</b>	<b>137,000</b>	<b>683,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>820,000</b>

**Section 6** **Section 7**

Maps / Charts / Tables / Pictures

Comments for Other Depts.

**City of Concord, North Carolina**

**Fiscal Year 2017-18 through 2021-22 Capital Improvement Plan**

<b>Section 1</b>	<b>CIP Title</b>	NC Highway 49 30" Water Line Extension				<b>Budget Unit #</b>	8700	
<b>Budget Unit</b>	Water Projects	<b>Functional Area</b>	Water			<b>Priority Rank</b>	6	
<b>Total CIP Cost</b>	Total Appropriations to date	Budget Year 1 FY2017-18	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP
			Year 2 FY2018-19	Year 3 FY2019-20	Year 4 FY2020-21	Year 5 FY2021-22		<input checked="" type="checkbox"/> New <input type="checkbox"/> Replacement <input type="checkbox"/> Land/ROW Acq. Required <input type="checkbox"/> Expansion <input type="checkbox"/> Renovation
4,519,000	0	753,000	3,766,000	0	0	0	4,519,000	

**Section 2** **Description**

Provide a new 30" water line along NC Highway 49 from Erickson Court to West of Atando 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 recently completed Water Master Plan project.

**Section 3** **Capital Costs**

Activity	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
Design, ROW, & Construction	753,000	3,766,000	0	0	0	0	4,519,000
<b>Total Capital Cost</b>	<b>753,000</b>	<b>3,766,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4,519,000</b>

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

Type of Expenditure	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
<b>Total</b>							

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

Funding Source(s)	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
Transfer from Water	753,000	3,766,000	0	0	0	0	4,519,000
<b>Total</b>	<b>753,000</b>	<b>3,766,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4,519,000</b>

**Section 6** **Section 7**

Maps / Charts / Tables / Pictures

Comments for Other Depts.

**City of Concord, North Carolina**

**Fiscal Year 2017-18 through 2021-22 Capital Improvement Plan**

<b>Section 1</b>	<b>CIP Title</b>	Corban Avenue Pump Station Rehabilitation				<b>Budget Unit #</b>	8700		
<b>Budget Unit</b>	Water Projects	<b>Functional Area</b>	Water			<b>Priority Rank</b>	7		
<b>Total CIP Cost</b>	Total Appropriations to date	Budget Year 1 FY2017-18	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP	
			Year 2 FY2018-19	Year 3 FY2019-20	Year 4 FY2020-21	Year 5 FY2021-22		<input type="checkbox"/> New	<input type="checkbox"/> Expansion
							<input checked="" type="checkbox"/> Replacement	<input type="checkbox"/> Renovation	
			<input type="checkbox"/> Land/ROW Acq. Required						
<b>137,000</b>	<b>0</b>	<b>137,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>137,000</b>		

**Section 2** **Description**

This project is to design new water pumps and replace the existing water pumps with these new ones within the Corban Avenue Pump Station facility.

**History, Status, or Impact if Delayed**

**Justification or Link to City Goals**

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

**Section 3** **Capital Costs**

Activity	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
Design & Construction	137,000	0	0	0	0	0	137,000
<b>Total Capital Cost</b>	<b>137,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>137,000</b>

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

Type of Expenditure	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
<b>Total</b>							

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

Funding Source(s)	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
Transfer from Water	137,000	0	0	0	0	0	137,000
<b>Total</b>	<b>137,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>137,000</b>

**Section 6** **Section 7**

Maps / Charts / Tables / Pictures

Comments for Other Depts.

**City of Concord, North Carolina**

**Fiscal Year 2017-18 through 2021-22 Capital Improvement Plan**

<b>Section 1</b>	<b>CIP Title</b>	Coddle Creek WTP Switchgear Replacement				<b>Budget Unit #</b>	8700		
<b>Budget Unit</b>	Water Projects	<b>Functional Area</b>	Water			<b>Priority Rank</b>	8		
<b>Total CIP Cost</b>	Total Appropriations to date	Budget Year 1 FY2017-18	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP	
			Year 2 FY2018-19	Year 3 FY2019-20	Year 4 FY2020-21	Year 5 FY2021-22		<input type="checkbox"/> New <input checked="" type="checkbox"/> Replacement <input type="checkbox"/> Land/ROW Acq. Required	<input type="checkbox"/> Expansion <input type="checkbox"/> Renovation
1,485,000	0	0	1,485,000	0	0	0	1,485,000		

**Section 2** Description

This project is to replace the current switchgear at Coddle Creek WTP with reliable current technology.

**History, Status, or Impact if Delayed**

**Justification or Link to City Goals**

**Section 3** Capital Costs

Activity	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
Preliminary Design/Plans/Construction	0	1,485,000	0	0	0	0	1,485,000
<b>Total Capital Cost</b>	<b>0</b>	<b>1,485,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,485,000</b>

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

Type of Expenditure	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
<b>Total</b>							

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

Funding Source(s)	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
Transfer from Water	0	1,485,000	0	0	0	0	1,485,000
<b>Total</b>	<b>0</b>	<b>1,485,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,485,000</b>

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

**City of Concord, North Carolina**

**Fiscal Year 2017-18 through 2021-22 Capital Improvement Plan**

<b>Section 1</b>	<b>CIP Title</b>	Roberta Road 8" Water Line Replacement				<b>Budget Unit #</b>	8700		
<b>Budget Unit</b>	Water Projects	<b>Functional Area</b>	Water			<b>Priority Rank</b>	9		
<b>Total CIP Cost</b>	Total Appropriations to date	Budget Year 1 FY2017-18	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP	
			Year 2 FY2018-19	Year 3 FY2019-20	Year 4 FY2020-21	Year 5 FY2021-22		<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
500,000	0	0	500,000	0	0	0	500,000		

**Section 2** Description

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

**History, Status, or Impact if Delayed**

**Justification or Link to City Goals**

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

**Section 3** Capital Costs

Activity	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
R/W Acquisition & Construction	0	500,000	0	0	0	0	500,000
<b>Total Capital Cost</b>	<b>0</b>	<b>500,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>500,000</b>

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

Type of Expenditure	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
<b>Total</b>							

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

Funding Source(s)	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
Transfer from Water	0	500,000	0	0	0	0	500,000
<b>Total</b>	<b>0</b>	<b>500,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>500,000</b>

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

**City of Concord, North Carolina**

**Fiscal Year 2017-18 through 2021-22 Capital Improvement Plan**

<b>Section 1</b>	<b>CIP Title</b>	TRS for Midland Tank and Mt. Pleasant Tank				<b>Budget Unit #</b>	8700	
<b>Budget Unit</b>	Water Projects	<b>Functional Area</b>	Water			<b>Priority Rank</b>	10	
<b>Total CIP Cost</b>	Total Appropriations to date	Budget Year 1 FY2017-18	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP
			Year 2 FY2018-19	Year 3 FY2019-20	Year 4 FY2020-21	Year 5 FY2021-22		<input type="checkbox"/> New <input type="checkbox"/> Replacement <input type="checkbox"/> Land/ROW Acq. Required <input checked="" type="checkbox"/> Expansion <input checked="" type="checkbox"/> Renovation
1,500,000	0	0	750,000	750,000	0	0	1,500,000	

**Section 2** Description

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

**History, Status, or Impact if Delayed**

**Justification or Link to City Goals**

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

**Section 3** Capital Costs

Activity	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
Design & Construction	0	750,000	750,000	0	0	0	1,500,000
<b>Total Capital Cost</b>	<b>0</b>	<b>750,000</b>	<b>750,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,500,000</b>

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

Type of Expenditure	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
<b>Total</b>							

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

Funding Source(s)	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
Transfer from Water	0	750,000	750,000	0	0	0	1,500,000
<b>Total</b>	<b>0</b>	<b>750,000</b>	<b>750,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,500,000</b>

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

**City of Concord, North Carolina**

**Fiscal Year 2017-18 through 2021-22 Capital Improvement Plan**

<b>Section 1</b>	<b>CIP Title</b>	Hillgrove WTP Rapid Mix Basin Rehabilitation				<b>Budget Unit #</b>	8700	
<b>Budget Unit</b>	Water Projects	<b>Functional Area</b>	Water			<b>Priority Rank</b>	11	
<b>Total CIP Cost</b>	Total Appropriations to date	Budget Year 1 FY2017-18	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP
			Year 2 FY2018-19	Year 3 FY2019-20	Year 4 FY2020-21	Year 5 FY2021-22		<input type="checkbox"/> New <input type="checkbox"/> Replacement <input type="checkbox"/> Land/ROW Acq. Required <input checked="" type="checkbox"/> Expansion <input checked="" type="checkbox"/> Renovation
100,000	0	0	100,000	0	0	0	100,000	

**Section 2** Description

This project is to rehabilitate the rapid mixers at Hillgrove WTP.

**History, Status, or Impact if Delayed**

**Justification or Link to City Goals**

Needed repairs will be made to the rapid mix system at Hillgrove WTP. The rehabilitation provides a mechanism for the mixing of chemicals that is necessary to the treatment process.

**Section 3** Capital Costs

Activity	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
Construction - Building/Utility	0	100,000	0	0	0	0	100,000
<b>Total Capital Cost</b>	<b>0</b>	<b>100,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>100,000</b>

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

Type of Expenditure	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
<b>Total</b>							

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

Funding Source(s)	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
Transfer from Water	0	100,000	0	0	0	0	100,000
<b>Total</b>	<b>0</b>	<b>100,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>100,000</b>

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



**City of Concord, North Carolina**

**Fiscal Year 2017-18 through 2021-22 Capital Improvement Plan**

<b>Section 1</b>	<b>CIP Title</b>	Coddle Creek WTP Biofilter Installation				<b>Budget Unit #</b>	8700	
<b>Budget Unit</b>	Water Projects	<b>Functional Area</b>	Water			<b>Priority Rank</b>	12	
<b>Total CIP Cost</b>	Total Appropriations to date	Budget Year 1 FY2017-18	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP
			Year 2 FY2018-19	Year 3 FY2019-20	Year 4 FY2020-21	Year 5 FY2021-22		<input checked="" type="checkbox"/> New <input type="checkbox"/> Replacement <input type="checkbox"/> Land/ROW Acq. Required <input type="checkbox"/> Expansion <input type="checkbox"/> Renovation
228,000	0	0	228,000	0	0	0	228,000	

**Section 2** Description

Replace current filter media with Granular Activated Carbon (GAC).

**History, Status, or Impact if Delayed**

**Justification or Link to City Goals**

This project will allow Water to implement bio filtration at Coddle Creek WTP, which will aid in the reduction of disinfection by-product formation through the treatment process and provide better overall water quality.

**Section 3** Capital Costs

Activity	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
Construction- Building/Utility	0	228,000	0	0	0	0	228,000
<b>Total Capital Cost</b>	<b>0</b>	<b>228,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>228,000</b>

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

Type of Expenditure	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
<b>Total</b>							

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

Funding Source(s)	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
Transfer from Water	0	228,000	0	0	0	0	228,000
<b>Total</b>	<b>0</b>	<b>228,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>228,000</b>

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

**City of Concord, North Carolina**

**Fiscal Year 2017-18 through 2021-22 Capital Improvement Plan**

<b>Section 1</b>	<b>CIP Title</b>	NC Highway 73 24" Water Line Kannapolis Parkway & Trinity Church Road				<b>Budget Unit #</b>	8700		
<b>Budget Unit</b>	Water Projects	<b>Functional Area</b>	Water			<b>Priority Rank</b>	13		
<b>Total CIP Cost</b>	Total Appropriations to date	Budget Year 1 FY2017-18	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP	
			Year 2 FY2018-19	Year 3 FY2019-20	Year 4 FY2020-21	Year 5 FY2021-22		<input type="checkbox"/> New	<input type="checkbox"/> Expansion
							<input type="checkbox"/> Replacement	<input checked="" type="checkbox"/> Renovation	
							<input type="checkbox"/> Land/ROW Acq. Required		
<b>1,303,125</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>195,470</b>	<b>1,107,655</b>	<b>0</b>	<b>1,303,125</b>		

**Section 2 Description**

This project requires approximately 6,225 ft of 24" water line between Kannapolis Parkway and Trinity Church Road on NC Highway 73.

**History, Status, or Impact if Delayed**

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**Justification or Link to City Goals**

To provide more efficient service to the Industrial Drive area by increasing volume and reliability.

**Section 3 Capital Costs**

Activity	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
Construction	0	0	0	1,107,655	0	0	1,107,655
Engineering/Arch Serv	0	0	195,470	0	0	0	195,470
<b>Total Capital Cost</b>	<b>0</b>	<b>0</b>	<b>195,470</b>	<b>1,107,655</b>	<b>0</b>	<b>0</b>	<b>1,303,125</b>

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

Type of Expenditure	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
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**Total**

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

Funding Source(s)	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
Transfer from Water	0	0	195,470	1,107,655	0	0	1,303,125
<b>Total</b>	<b>0</b>	<b>0</b>	<b>195,470</b>	<b>1,107,655</b>	<b>0</b>	<b>0</b>	<b>1,303,125</b>

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

**City of Concord, North Carolina**

**Fiscal Year 2017-18 through 2021-22 Capital Improvement Plan**

<b>Section 1</b>	<b>CIP Title</b>	Hillgrove WTP Settling Basin Improvements				<b>Budget Unit #</b>	8700		
<b>Budget Unit</b>	Water Projects	<b>Functional Area</b>	Water			<b>Priority Rank</b>	14		
<b>Total CIP Cost</b>	Total Appropriations to date	Budget Year 1 FY2017-18	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP	
			Year 2 FY2018-19	Year 3 FY2019-20	Year 4 FY2020-21	Year 5 FY2021-22		<input type="checkbox"/> New	<input type="checkbox"/> Expansion
							<input type="checkbox"/> Replacement	<input checked="" type="checkbox"/> Renovation	
							<input type="checkbox"/> Land/ROW Acq. Required		
<b>2,300,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>100,000</b>	<b>2,200,000</b>	<b>0</b>	<b>2,300,000</b>		

**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 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
Construction - Building/Utility	0	0	0	2,200,000	0	0	2,200,000
Preliminary Design/Plans	0	0	100,000	0	0	0	100,000
<b>Total Capital Cost</b>	<b>0</b>	<b>0</b>	<b>100,000</b>	<b>2,200,000</b>	<b>0</b>	<b>0</b>	<b>2,300,000</b>

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

Type of Expenditure	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
<b>Total</b>							

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

Funding Source(s)	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
Transfer from Water	0	0	100,000	2,200,000	0	0	2,300,000
<b>Total</b>	<b>0</b>	<b>0</b>	<b>100,000</b>	<b>2,200,000</b>	<b>0</b>	<b>0</b>	<b>2,300,000</b>

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

**City of Concord, North Carolina**

**Fiscal Year 2017-18 through 2021-22 Capital Improvement Plan**

<b>Section 1</b>	<b>CIP Title</b>	Upgrade Basin Valve Actuators at Hillgrove WTP				<b>Budget Unit #</b>	8700		
<b>Budget Unit</b>	Water Projects	<b>Functional Area</b>	Water			<b>Priority Rank</b>	15		
<b>Total CIP Cost</b>	Total Appropriations to date	Budget Year 1 FY2017-18	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP	
			Year 2 FY2018-19	Year 3 FY2019-20	Year 4 FY2020-21	Year 5 FY2021-22		<input type="checkbox"/> New	<input type="checkbox"/> Expansion
							<input type="checkbox"/> Replacement	<input checked="" type="checkbox"/> Renovation	
							<input type="checkbox"/> Land/ROW Acq. Required		
<b>200,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>200,000</b>	<b>0</b>	<b>0</b>	<b>200,000</b>		

**Section 2** Description

Replacement of manual valve actuators with automated on the basins at Hillgrove WTP.

**History, Status, or Impact if Delayed**

**Justification or Link to City Goals**

Replacement of the manual valve actuators with automated actuators will allow for quicker, less labor intensive operation of the basin valves, while also providing a pathway to future upgrades towards streamlined automated processes.

**Section 3** Capital Costs

Activity	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
Construction - Building/Utility	0	0	200,000	0	0	0	200,000
<b>Total Capital Cost</b>	<b>0</b>	<b>0</b>	<b>200,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>200,000</b>

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

Type of Expenditure	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
<b>Total</b>							

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

Funding Source(s)	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
Transfer from Water	0	0	200,000	0	0	0	200,000
<b>Total</b>	<b>0</b>	<b>0</b>	<b>200,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>200,000</b>

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

**City of Concord, North Carolina**

**Fiscal Year 2017-18 through 2021-22 Capital Improvement Plan**

<b>Section 1</b>	<b>CIP Title</b>	NC Highway 49 24" Water Line Extension					<b>Budget Unit #</b>	8700
<b>Budget Unit</b>	Water Projects	<b>Functional Area</b>	Water				<b>Priority Rank</b>	16
<b>Total CIP Cost</b>	Total Appropriations to date	Budget Year 1 FY2017-18	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP
			Year 2 FY2018-19	Year 3 FY2019-20	Year 4 FY2020-21	Year 5 FY2021-22		<input checked="" type="checkbox"/> New <input type="checkbox"/> Replacement <input type="checkbox"/> Land/ROW Acq. Required <input type="checkbox"/> Expansion <input type="checkbox"/> Renovation
5,989,000	0	0	0	749,000	5,240,000	0	5,989,000	

**Section 2** Description

Provide 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**

To 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 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
Construction	0	0	0	5,240,000	0	0	5,240,000
Design & R/W Acquisition	0	0	749,000	0	0	0	749,000
<b>Total Capital Cost</b>	<b>0</b>	<b>0</b>	<b>749,000</b>	<b>5,240,000</b>	<b>0</b>	<b>0</b>	<b>5,989,000</b>

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

Type of Expenditure	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
<b>Total</b>							

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

Funding Source(s)	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
Transfer from Water	0	0	749,000	5,240,000	0	0	5,989,000
<b>Total</b>	<b>0</b>	<b>0</b>	<b>749,000</b>	<b>5,240,000</b>	<b>0</b>	<b>0</b>	<b>5,989,000</b>

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

**City of Concord, North Carolina**

**Fiscal Year 2017-18 through 2021-22 Capital Improvement Plan**

<b>Section 1</b>	<b>CIP Title</b>	Resurface Clearwell #2 at Hillgrove WTP				<b>Budget Unit #</b>	8700		
<b>Budget Unit</b>	Water Projects	<b>Functional Area</b>	Water			<b>Priority Rank</b>	17		
<b>Total CIP Cost</b>	Total Appropriations to date	Budget Year 1 FY2017-18	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP	
			Year 2 FY2018-19	Year 3 FY2019-20	Year 4 FY2020-21	Year 5 FY2021-22		<input type="checkbox"/> New	<input type="checkbox"/> Expansion
							<input type="checkbox"/> Replacement	<input checked="" type="checkbox"/> Renovation	
							<input type="checkbox"/> Land/ROW Acq. Required		
130,000	0	0	0	0	130,000	0	130,000		

**Section 2** Description

Resurface the north clearwell at Hillgrove WTP.

**History, Status, or Impact if Delayed**

**Justification or Link to City Goals**

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

**Section 3** Capital Costs

Activity	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
Clear/Grade/Site Prep	0	0	0	130,000	0	0	130,000
<b>Total Capital Cost</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>130,000</b>	<b>0</b>	<b>0</b>	<b>130,000</b>

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

Type of Expenditure	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
<b>Total</b>							

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

Funding Source(s)	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
Transfer from Water	0	0	0	130,000	0	0	130,000
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>130,000</b>	<b>0</b>	<b>0</b>	<b>130,000</b>

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

**City of Concord, North Carolina**

**Fiscal Year 2017-18 through 2021-22 Capital Improvement Plan**

<b>Section 1</b>	<b>CIP Title</b>	General Services Drive 12" Parallel Water Line					<b>Budget Unit #</b>	8700	
<b>Budget Unit</b>	Water Projects	<b>Functional Area</b>			Water	<b>Priority Rank</b>		18	
<b>Total CIP Cost</b>	Total Appropriations to date	Budget Year 1 FY2017-18	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP	
			Year 2 FY2018-19	Year 3 FY2019-20	Year 4 FY2020-21	Year 5 FY2021-22		<input checked="" type="checkbox"/> New	<input type="checkbox"/> Expansion
							<input type="checkbox"/> Replacement	<input type="checkbox"/> Renovation	
							<input type="checkbox"/> Land/ROW Acq. Required		
<b>250,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>32,000</b>	<b>218,000</b>	<b>250,000</b>		

**Section 2** **Description**

Provide 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**

To 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.

<b>Section 3</b>	<b>Capital Costs</b>							
<b>Activity</b>	<b>FY 2017-18</b>	<b>FY 2018-19</b>	<b>FY 2019-20</b>	<b>FY 2020-21</b>	<b>FY 2021-22</b>	<b>Future \$\$</b>	<b>Total</b>	
Construction	0	0	0	0	218,000	0	218,000	
Design & R/W Acquisition	0	0	0	32,000	0	0	32,000	
<b>Total Capital Cost</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>32,000</b>	<b>218,000</b>	<b>0</b>	<b>250,000</b>	

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

<b>Type of Expenditure</b>	<b>FY 2017-18</b>	<b>FY 2018-19</b>	<b>FY 2019-20</b>	<b>FY 2020-21</b>	<b>FY 2021-22</b>	<b>Future \$\$</b>	<b>Total</b>	
<b>Total</b>								

<b>Section 5</b>	<b>Method(s) of Financing</b>							
<b>Funding Source(s)</b>	<b>FY 2017-18</b>	<b>FY 2018-19</b>	<b>FY 2019-20</b>	<b>FY 2020-21</b>	<b>FY 2021-22</b>	<b>Future \$\$</b>	<b>Total</b>	
Transfer from Water	0	0	0	32,000	218,000	0	250,000	
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>32,000</b>	<b>218,000</b>	<b>0</b>	<b>250,000</b>	

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

**City of Concord, North Carolina**

**Fiscal Year 2017-18 through 2021-22 Capital Improvement Plan**

<b>Section 1</b>	<b>CIP Title</b>	Zion Church Road 12" Parallel Water Line				<b>Budget Unit #</b>	8700		
<b>Budget Unit</b>	Water Projects	<b>Functional Area</b>	Water			<b>Priority Rank</b>	19		
<b>Total CIP Cost</b>	Total Appropriations to date	Budget Year 1 FY2017-18	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP	
			Year 2 FY2018-19	Year 3 FY2019-20	Year 4 FY2020-21	Year 5 FY2021-22		<input checked="" type="checkbox"/> New	<input type="checkbox"/> Expansion
							<input type="checkbox"/> Replacement	<input type="checkbox"/> Renovation	
							<input type="checkbox"/> Land/ROW Acq. Required		
<b>296,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>37,000</b>	<b>259,000</b>	<b>296,000</b>		

**Section 2** Description

Provide 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**

To 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 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
Construction	0	0	0	0	259,000	0	259,000
Design & R/W Acquisition	0	0	0	37,000	0	0	37,000
<b>Total Capital Cost</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>37,000</b>	<b>259,000</b>	<b>0</b>	<b>296,000</b>

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

Type of Expenditure	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
<b>Total</b>							

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

Funding Source(s)	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
Transfer from Water	0	0	0	37,000	259,000	0	296,000
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>37,000</b>	<b>259,000</b>	<b>0</b>	<b>296,000</b>

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



**City of Concord, North Carolina**

**Fiscal Year 2017-18 through 2021-22 Capital Improvement Plan**

<b>Section 1</b>	<b>CIP Title</b>	George Liles Blvd Waterline Phase IV				<b>Budget Unit #</b>	8700		
<b>Budget Unit</b>	Water Projects	<b>Functional Area</b>	Water			<b>Priority Rank</b>	20		
<b>Total CIP Cost</b>	Total Appropriations to date	Budget Year 1 FY2017-18	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP	
			Year 2 FY2018-19	Year 3 FY2019-20	Year 4 FY2020-21	Year 5 FY2021-22		<input type="checkbox"/> New	<input checked="" type="checkbox"/> Expansion
			<input type="checkbox"/> Replacement	<input type="checkbox"/> Renovation					
			<input type="checkbox"/> Land/ROW Acq. Required						
<b>2,875,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2,875,000</b>		

**Section 2** Description

This project will further enhance the system pressure and enable greater volumes of water to be distributed throughout the water system more efficiently. In addition, this project is in accordance with WSACC's Master Plan.

**History, Status, or Impact if Delayed**

**Justification or Link to City Goals**

**Section 3** Capital Costs

Activity	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
Construction - Building/Utility	0	0	0	0	0	2,875,000	2,875,000
<b>Total Capital Cost</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2,875,000</b>	<b>2,875,000</b>

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

Type of Expenditure	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
<b>Total</b>							

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

Funding Source(s)	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
Transfer from Water	0	0	0	0	0	2,875,000	2,875,000
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2,875,000</b>	<b>2,875,000</b>

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

**City of Concord, North Carolina**

**Fiscal Year 2017-18 through 2021-22 Capital Improvement Plan**

<b>Section 1</b>	<b>CIP Title</b>	Poplar Tent Road 12" Water Line Extension at NC Highway 73				<b>Budget Unit #</b>	8700	
<b>Budget Unit</b>	Water Projects	<b>Functional Area</b>	Water			<b>Priority Rank</b>	21	
<b>Total CIP Cost</b>	Total Appropriations to date	Budget Year 1 FY2017-18	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP
			Year 2 FY2018-19	Year 3 FY2019-20	Year 4 FY2020-21	Year 5 FY2021-22		<input type="checkbox"/> New <input type="checkbox"/> Replacement <input type="checkbox"/> Land/ROW Acq. Required <input checked="" type="checkbox"/> Expansion <input type="checkbox"/> Renovation
685,303	0	0	0	0	0	0	685,303	

**Section 2** Description

This project will provide a new water main extension along Poplar Tent Road at NC Highway 73.

**History, Status, or Impact if Delayed**

**Justification or Link to City Goals**

This project will further enhance system pressure and enable greater volumes of water to be distributed through the existing water system.

**Section 3** Capital Costs

Activity	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
Poplar Tent Road Water Main Extension	0	0	0	0	0	685,303	685,303
<b>Total Capital Cost</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>685,303</b>	<b>685,303</b>

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

Type of Expenditure	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
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Total

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

Funding Source(s)	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
Transfer from Water	0	0	0	0	0	685,303	685,303
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>685,303</b>	<b>685,303</b>

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

**City of Concord, North Carolina**

**Fiscal Year 2017-18 through 2021-22 Capital Improvement Plan**

<b>Section 1</b>	<b>CIP Title</b>	NC Highway 73 Water Main Connection to Charlotte Water				<b>Budget Unit #</b>	8700	
<b>Budget Unit</b>	Water Projects	<b>Functional Area</b>	Water			<b>Priority Rank</b>	22	
<b>Total CIP Cost</b>	Total Appropriations to date	Budget Year 1 FY2017-18	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP
			Year 2 FY2018-19	Year 3 FY2019-20	Year 4 FY2020-21	Year 5 FY2021-22		<input checked="" type="checkbox"/> New <input type="checkbox"/> Replacement <input type="checkbox"/> Land/ROW Acq. Required <input type="checkbox"/> Expansion <input type="checkbox"/> Renovation
544,000	0	0	0	0	0	0	544,000	

**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 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
Engineering/Arch Service	0	0	0	0	0	544,000	544,000
<b>Total Capital Cost</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>544,000</b>	<b>544,000</b>

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

Type of Expenditure	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
<b>Total</b>							

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

Funding Source(s)	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
Transfer from Water	0	0	0	0	0	544,000	544,000
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>544,000</b>	<b>544,000</b>

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

## Fund 451: Aviation Capital Expenditures

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

	2017-2018 Approved	2018-2019 Planning Yr.	2019-2020 Planning Yr.	2020-2021 Planning Yr.	2021-2022 Planning Yr.	Future Planning Yr.
<b>Expenses By Project</b>						
SDA Commercial Passenger Terminal Building						
Phase 2	\$ -	\$ -	\$ -	\$ 7,382,000	\$ -	\$ 8,000,000
Runway 20 EMAS	\$ -	\$ 938,675	\$ 3,754,700	\$ -	\$ -	\$ -
South Development Apron Expansion Phase 2	\$ -	\$ 250,000	\$ 5,914,000	\$ -	\$ -	\$ -
Airport Fire Station and Security Center	\$ -	\$ -	\$ -	\$ -	\$ 100,000	\$ 1,643,000
Airport Hangar Taxilane Rehabilitation	\$ -	\$ 100,000	\$ 2,060,000	\$ -	\$ -	\$ -
East Side Airport Land Acquisition Area	\$ -	\$ -	\$ -	\$ -	\$ 5,090,000	\$ -
North Apron Expansion Phase 3	\$ -	\$ 250,000	\$ 1,750,000	\$ -	\$ -	\$ -
New Relocated Airport Control Tower	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,700,000
FBO Terminal Building Rehabilitation	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 13,380,000
Corporate Hangar Development	\$ -	\$ -	\$ -	\$ -	\$ 3,500,000	\$ -
Myint Lane Airport Access Road	\$ -	\$ -	\$ 700,000	\$ -	\$ -	\$ -
Myint Lane Airport Apron Development	\$ -	\$ -	\$ 150,000	\$ 1,200,000	\$ -	\$ -
Airport Helipads	\$ -	\$ -	\$ 410,000	\$ -	\$ -	\$ -
North Internal Service Road	\$ -	\$ -	\$ 325,000	\$ 1,824,300	\$ -	\$ -
	\$ -	\$ 1,538,675	\$ 15,063,700	\$ 10,406,300	\$ 8,690,000	\$ 26,723,000

	2017-2018 Approved	2018-2019 Planning Yr.	2019-2020 Planning Yr.	2020-2021 Planning Yr.	2021-2022 Planning Yr.	Future Planning Yr.
<b>Revenues by Funding Source</b>						
Grant Proceeds	\$ -	\$ 1,476,742	\$ 13,863,240	\$ 9,931,593	\$ 5,062,250	\$ 12,371,925
Transfer from Aviation	\$ -	\$ 61,934	\$ 1,200,460	\$ 474,708	\$ 127,750	\$ 971,075
Other Income	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 6,400,000
Transfer from Capital Projects	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 6,980,000
Financing Proceeds	\$ -	\$ -	\$ -	\$ -	\$ 3,500,000	\$ -
<b>Total</b>	\$ -	\$ 1,538,676	\$ 15,063,700	\$ 10,406,301	\$ 8,690,000	\$ 26,723,000

**City of Concord, North Carolina**

**Fiscal Year 2017-18 through 2021-22 Capital Improvement Plan**

<b>Section 1</b>	<b>CIP Title</b>	SDA Commercial Passenger Terminal Building Phase 2				<b>Budget Unit #</b>	6300		
<b>Budget Unit</b>	Airport Projects	<b>Functional Area</b>	Aviation			<b>Priority Rank</b>	1		
<b>Total CIP Cost</b>	Total Appropriations to date	Budget Year 1 FY2017-18	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP	
			Year 2 FY2018-19	Year 3 FY2019-20	Year 4 FY2020-21	Year 5 FY2021-22		<input checked="" type="checkbox"/> New	<input type="checkbox"/> Expansion
							<input type="checkbox"/> Replacement	<input type="checkbox"/> Renovation	
							<input type="checkbox"/> Land/ROW Acq. Required		
<b>15,382,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>7,382,000</b>	<b>0</b>	<b>15,382,000</b>		

**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 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
Construction - Building/Utility	0	0	0	7,382,000	0	8,000,000	15,382,000
<b>Total Capital Cost</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>7,382,000</b>	<b>0</b>	<b>8,000,000</b>	<b>15,382,000</b>

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

Type of Expenditure	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
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**Total**

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

Funding Source(s)	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
Federal Grant	0	0	0	6,643,800	0	6,500,000	13,143,800
State Grant	0	0	0	369,100	0	750,000	1,119,100
Transfer from Aviation	0	0	0	369,100	0	750,000	1,119,100
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>7,382,000</b>	<b>0</b>	<b>8,000,000</b>	<b>15,382,000</b>

**Section 6** **Section 7**

Maps / Charts / Tables / Pictures

Comments for Other Depts.

**City of Concord, North Carolina**

**Fiscal Year 2017-18 through 2021-22 Capital Improvement Plan**

<b>Section 1</b>	<b>CIP Title</b>	Runway 20 EMAS				<b>Budget Unit #</b>	6300		
<b>Budget Unit</b>	Airport Projects	<b>Functional Area</b>	Aviation			<b>Priority Rank</b>	2		
<b>Total CIP Cost</b>	Total Appropriations to date	Budget Year 1 FY2017-18	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP	
			Year 2 FY2018-19	Year 3 FY2019-20	Year 4 FY2020-21	Year 5 FY2021-22		<input checked="" type="checkbox"/> New	<input type="checkbox"/> Expansion
							<input type="checkbox"/> Replacement	<input type="checkbox"/> Renovation	
							<input type="checkbox"/> Land/ROW Acq. Required		
<b>4,693,375</b>	<b>0</b>	<b>0</b>	<b>938,675</b>	<b>3,754,700</b>	<b>0</b>	<b>0</b>	<b>4,693,375</b>		

**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 a 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 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
Construction - Building/Utility	0	0	3,754,700	0	0	0	3,754,700
Engineering/Arch Design	0	938,675	0	0	0	0	938,675
<b>Total Capital Cost</b>	<b>0</b>	<b>938,675</b>	<b>3,754,700</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4,693,375</b>

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

Type of Expenditure	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
<b>Total</b>							

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

Funding Source(s)	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
Federal Grant	0	844,808	3,379,230	0	0	0	4,224,038
State Grant	0	46,934	187,735	0	0	0	234,669
Transfer from Aviation	0	46,934	187,735	0	0	0	234,669
<b>Total</b>	<b>0</b>	<b>938,676</b>	<b>3,754,700</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4,693,376</b>

**Section 6** **Section 7**

Maps / Charts / Tables / Pictures

Comments for Other Depts.

**City of Concord, North Carolina**

**Fiscal Year 2017-18 through 2021-22 Capital Improvement Plan**

<b>Section 1</b>	<b>CIP Title</b>	South Development Apron Expansion Phase 2				<b>Budget Unit #</b>	6300		
<b>Budget Unit</b>	Airport Projects	<b>Functional Area</b>	Aviation			<b>Priority Rank</b>	3		
<b>Total CIP Cost</b>	Total Appropriations to date	Budget Year 1 FY2017-18	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP	
			Year 2 FY2018-19	Year 3 FY2019-20	Year 4 FY2020-21	Year 5 FY2021-22		<input type="checkbox"/> New	<input checked="" type="checkbox"/> Expansion
			<input type="checkbox"/> Replacement	<input type="checkbox"/> Renovation					
			<input type="checkbox"/> Land/ROW Acq. Required						
<b>6,164,000</b>	<b>0</b>	<b>0</b>	<b>250,000</b>	<b>5,914,000</b>	<b>0</b>	<b>0</b>	<b>6,164,000</b>		

**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 is 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 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
Preliminary Design/Plans	0	250,000	5,914,000	0	0	0	6,164,000
<b>Total Capital Cost</b>	<b>0</b>	<b>250,000</b>	<b>5,914,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>6,164,000</b>

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

Type of Expenditure	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
<b>Total</b>							

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

Funding Source(s)	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
Federal Grant	0	237,500	5,618,300	0	0	0	5,855,800
State Grant	0	6,250	147,850	0	0	0	154,100
Transfer from Aviation	0	6,250	147,850	0	0	0	154,100
<b>Total</b>	<b>0</b>	<b>250,000</b>	<b>5,914,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>6,164,000</b>

**Section 6** **Section 7**

Maps / Charts / Tables / Pictures

Comments for Other Depts.

**City of Concord, North Carolina**

**Fiscal Year 2017-18 through 2021-22 Capital Improvement Plan**

<b>Section 1</b>	<b>CIP Title</b>	Airport Fire Station and Security Center					<b>Budget Unit #</b>	6300
<b>Budget Unit</b>	Airport Projects	<b>Functional Area</b>	Aviation				<b>Priority Rank</b>	4
<b>Total CIP Cost</b>	Total Appropriations to date	Budget Year 1 FY2017-18	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP
			Year 2 FY2018-19	Year 3 FY2019-20	Year 4 FY2020-21	Year 5 FY2021-22		<input checked="" type="checkbox"/> New <input type="checkbox"/> Replacement <input type="checkbox"/> Land/ROW Acq. Required <input type="checkbox"/> Expansion <input type="checkbox"/> Renovation
1,743,000	0	0	0	0	0	100,000	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 house an airport security center with additional space for offices and possibly US Customs services.

**History, Status, or Impact if Delayed**

This is the seventh year this project has been included in the airport CIP. The project is eligible for Federal FAA funding at a 90% level. In 2008 in addition to the fire station, a security center was added to the facility which may make the facility eligible for additional grant funding sources.

**Justification or Link to City Goals**

The current station is no longer ideally suited (location, layout, or size), for a station at the airport. The number of aircraft, aircraft operations, and 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 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
Airport Fire Station and Security Center	0	0	0	0	100,000	1,643,000	1,743,000
<b>Total Capital Cost</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>100,000</b>	<b>1,643,000</b>	<b>1,743,000</b>

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

Type of Expenditure	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
<b>Total</b>							

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

Funding Source(s)	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
Federal Grant	0	0	0	0	95,000	1,560,850	1,655,850
State Grant	0	0	0	0	2,500	41,075	43,575
Transfer from Aviation	0	0	0	0	2,500	41,075	43,575
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>100,000</b>	<b>1,643,000</b>	<b>1,743,000</b>

**Section 6** **Section 7**

Maps / Charts / Tables / Pictures

Comments for Other Depts.



**City of Concord, North Carolina**

**Fiscal Year 2017-18 through 2021-22 Capital Improvement Plan**

<b>Section 1</b>	<b>CIP Title</b>	Airport Hangar Taxilane Rehabilitation				<b>Budget Unit #</b>	6300		
<b>Budget Unit</b>	Airport Projects	<b>Functional Area</b>	Aviation			<b>Priority Rank</b>	5		
<b>Total CIP Cost</b>	Total Appropriations to date	Budget Year 1 FY2017-18	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP	
			Year 2 FY2018-19	Year 3 FY2019-20	Year 4 FY2020-21	Year 5 FY2021-22		<input type="checkbox"/> New	<input type="checkbox"/> Expansion
							<input type="checkbox"/> Replacement	<input checked="" type="checkbox"/> Renovation	
							<input type="checkbox"/> Land/ROW Acq. Required		
<b>2,160,000</b>	<b>0</b>	<b>0</b>	<b>100,000</b>	<b>2,060,000</b>	<b>0</b>	<b>0</b>	<b>2,160,000</b>		

**Section 2** **Description**

This project involves the rehabilitation of the original pavement between the hangar cul-de-sac areas at the airport that were originally constructed in 1993-1994 time period. There are nine of this areas and 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 this 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 ponding after weather events. Poor pavement presents a customer service and safety issue and eventually could prevent the aviation 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 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
Airport Hangar Taxilane Rehabilitation	0	100,000	2,060,000	0	0	0	2,160,000
<b>Total Capital Cost</b>	<b>0</b>	<b>100,000</b>	<b>2,060,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2,160,000</b>

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

Type of Expenditure	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
<b>Total</b>							

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

Funding Source(s)	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
Federal Grant	0	95,000	1,957,000	0	0	0	2,052,000
State Grant	0	2,500	51,500	0	0	0	54,000
Transfer from Aviation	0	2,500	51,500	0	0	0	54,000
<b>Total</b>	<b>0</b>	<b>100,000</b>	<b>2,060,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2,160,000</b>

**Section 6** **Section 7**

Maps / Charts / Tables / Pictures

Comments for Other Depts.

**City of Concord, North Carolina**

**Fiscal Year 2017-18 through 2021-22 Capital Improvement Plan**

<b>Section 1</b>	<b>CIP Title</b>	East Side Airport Land Acquisition Area				<b>Budget Unit #</b>	6300		
<b>Budget Unit</b>	Airport Projects	<b>Functional Area</b>	Aviation			<b>Priority Rank</b>	6		
<b>Total CIP Cost</b>	Total Appropriations to date	Budget Year 1 FY2017-18	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP	
			Year 2 FY2018-19	Year 3 FY2019-20	Year 4 FY2020-21	Year 5 FY2021-22		<input checked="" type="checkbox"/> New	<input type="checkbox"/> Expansion
							<input type="checkbox"/> Replacement	<input type="checkbox"/> Renovation	
							<input type="checkbox"/> Land/ROW Acq. Required		
<b>5,090,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>5,090,000</b>	<b>5,090,000</b>		

**Section 2** Description

This CIP project provides funds for the acquisition of the remaining properties off Ivy Cline Road between the existing airport property and I-85 (40.07 acres).

**History, Status, or Impact if Delayed**

This project was added into the CIP and Airport Layout Plan now that commercial scheduled airline operations have started at Concord Regional Airport. As these operations grow and more flights occur, a separate and dedicated area will need to be constructed and this area will be needed.

**Justification or Link to City Goals**

These acquisitions would allow for the future development of an Airline terminal area at Concord Regional Airport that would be separate from the general aviation operations that would remain on the west side of the airport. A permanent Airline terminal area would require an entrance road and complementary development.

<b>Section 3</b>	<b>Capital Costs</b>							
<b>Activity</b>	<b>FY 2017-18</b>	<b>FY 2018-19</b>	<b>FY 2019-20</b>	<b>FY 2020-21</b>	<b>FY 2021-22</b>	<b>Future \$\$</b>	<b>Total</b>	
East Side Airport Land Acquisition Area	0	0	0	0	5,090,000	0	5,090,000	
<b>Total Capital Cost</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>5,090,000</b>	<b>0</b>	<b>5,090,000</b>	

<b>Section 4</b>	<b>New or Additional Impact on Operating Budget</b>							
<b>Type of Expenditure</b>	<b>FY 2017-18</b>	<b>FY 2018-19</b>	<b>FY 2019-20</b>	<b>FY 2020-21</b>	<b>FY 2021-22</b>	<b>Future \$\$</b>	<b>Total</b>	
<b>Total</b>								

<b>Section 5</b>	<b>Method(s) of Financing</b>							
<b>Funding Source(s)</b>	<b>FY 2017-18</b>	<b>FY 2018-19</b>	<b>FY 2019-20</b>	<b>FY 2020-21</b>	<b>FY 2021-22</b>	<b>Future \$\$</b>	<b>Total</b>	
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	
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>5,090,000</b>	<b>0</b>	<b>5,090,000</b>	

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

**Fiscal Year 2017-18 through 2021-22 Capital Improvement Plan**

<b>Section 1</b>	<b>CIP Title</b>	North Apron Expansion Phase 3				<b>Budget Unit #</b>	6300		
<b>Budget Unit</b>	Airport Projects	<b>Functional Area</b>	Aviation			<b>Priority Rank</b>	7		
<b>Total CIP Cost</b>	Total Appropriations to date	Budget Year 1 FY2017-18	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP	
			Year 2 FY2018-19	Year 3 FY2019-20	Year 4 FY2020-21	Year 5 FY2021-22		<input type="checkbox"/> New	<input checked="" type="checkbox"/> Expansion
							<input type="checkbox"/> Replacement	<input type="checkbox"/> Renovation	
			<input type="checkbox"/> Land/ROW Acq. Required						
<b>2,000,000</b>	<b>0</b>	<b>0</b>	<b>250,000</b>	<b>1,750,000</b>	<b>0</b>	<b>0</b>	<b>2,000,000</b>		

**Section 2** Description

This project expands the existing common apron to the north to support additional hangar development next to Hangar H.

**History, Status, or Impact if Delayed**

This is the fifth year this project has been identified in the CIP. This site has received additional fill dirt from the North Apron Expansion Phase II project that was completed in FY 09. This project will be constructed only when funding becomes available.

**Justification or Link to City Goals**

Justification for the project is economic development and making the airport as self sustaining as possible. 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 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
North Apron Expansion Phase 3	0	250,000	1,750,000	0	0	0	2,000,000
<b>Total Capital Cost</b>	<b>0</b>	<b>250,000</b>	<b>1,750,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2,000,000</b>

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

Type of Expenditure	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
<b>Total</b>							

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

Funding Source(s)	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	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
<b>Total</b>	<b>0</b>	<b>250,000</b>	<b>1,750,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2,000,000</b>

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

**City of Concord, North Carolina**

**Fiscal Year 2017-18 through 2021-22 Capital Improvement Plan**

<b>Section 1</b>	<b>CIP Title</b>	New Relocated Airport Control Tower				<b>Budget Unit #</b>	6300		
<b>Budget Unit</b>	Airport Projects	<b>Functional Area</b>	Aviation			<b>Priority Rank</b>	8		
<b>Total CIP Cost</b>	Total Appropriations to date	Budget Year 1 FY2017-18	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP	
			Year 2 FY2018-19	Year 3 FY2019-20	Year 4 FY2020-21	Year 5 FY2021-22		<input checked="" type="checkbox"/> New <input type="checkbox"/> Replacement <input type="checkbox"/> Land/ROW Acq. Required	<input type="checkbox"/> Expansion <input type="checkbox"/> Renovation
<b>3,700,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3,700,000</b>		

**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, and new north taxiway, and south development area; the tower needs to be higher to enhance visibility and safety. The current tower is actually 16 feet below the threshold of runway 20. State and federal funds would be available and it is a priority with the NCDOT-Aviation Division. Because the aircraft activity has increased, we are now a 100% funded contract tower meaning we do not pay for the personnel to operate the tower.

**Section 3** **Capital Costs**

Activity	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
Clear/Grade/Site Prep	0	0	0	0	0	300,000	300,000
Construction	0	0	0	0	0	3,000,000	3,000,000
Light Equip/Furniture	0	0	0	0	0	200,000	200,000
Preliminary Design/Plans	0	0	0	0	0	200,000	200,000
<b>Total Capital Cost</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3,700,000</b>	<b>3,700,000</b>

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

Type of Expenditure	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
<b>Total</b>							

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

Funding Source(s)	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
Federal Grant	0	0	0	0	0	3,340,000	3,340,000
State Grant	0	0	0	0	0	180,000	180,000
Transfer from Aviation	0	0	0	0	0	180,000	180,000
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3,700,000</b>	<b>3,700,000</b>

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

Maps / Charts / Tables / Pictures

**City of Concord, North Carolina**

**Fiscal Year 2017-18 through 2021-22 Capital Improvement Plan**

<b>Section 1</b>	<b>CIP Title</b>	FBO Terminal Building Rehabilitation				<b>Budget Unit #</b>	6300		
<b>Budget Unit</b>	Airport Projects	<b>Functional Area</b>	Aviation			<b>Priority Rank</b>	9		
<b>Total CIP Cost</b>	Total Appropriations to date	Budget Year 1 FY2017-18	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP	
			Year 2 FY2018-19	Year 3 FY2019-20	Year 4 FY2020-21	Year 5 FY2021-22		<input type="checkbox"/> New	<input type="checkbox"/> Expansion
			<input type="checkbox"/> Replacement	<input checked="" type="checkbox"/> Renovation					
			<input type="checkbox"/> Land/ROW Acq. Required						
<b>13,380,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>13,380,000</b>		

**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. The 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 community 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 or 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 addition security screening requirements that we cannot accommodate in the building.

**Section 3** **Capital Costs**

Activity	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
Construction	0	0	0	0	0	12,800,000	12,800,000
FBO Terminal Building Rehabilitation Design	0	0	0	0	0	580,000	580,000
<b>Total Capital Cost</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>13,380,000</b>	<b>13,380,000</b>

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

Type of Expenditure	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
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**Total**

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

Funding Source(s)	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
Capital Reserve	0	0	0	0	0	6,980,000	6,980,000
Public-Private Partnership	0	0	0	0	0	6,400,000	6,400,000
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>13,380,000</b>	<b>13,380,000</b>

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

Maps / Charts / Tables / Pictures

**City of Concord, North Carolina**

**Fiscal Year 2017-18 through 2021-22 Capital Improvement Plan**

<b>Section 1</b>	<b>CIP Title</b>	Corporate Hangar Development					<b>Budget Unit #</b>	6300	
<b>Budget Unit</b>	Airport Projects	<b>Functional Area</b>				Aviation	<b>Priority Rank</b>	10	
<b>Total CIP Cost</b>	Total Appropriations to date	Budget Year 1 FY2017-18	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP	
			Year 2 FY2018-19	Year 3 FY2019-20	Year 4 FY2020-21	Year 5 FY2021-22		<input checked="" type="checkbox"/> New	<input type="checkbox"/> Expansion
							<input type="checkbox"/> Replacement	<input type="checkbox"/> Renovation	
							<input type="checkbox"/> Land/ROW Acq. Required		
<b>3,500,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3,500,000</b>	<b>3,500,000</b>		

**Section 2** **Description**

Project would be for the construction of individual corporate hangars around 12,000 SF in size. These building 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 source of revenue that would help Aviation Department Enterprise Fund reach self sufficiency.

**Justification or Link to City Goals**

This project is in the Airport Master Plan. Additional justification is responding to the needs of customers and for economic development at the Airport and City. Project would only be completed with approved long-term lease. This is not a speculation building project.

**Section 3** **Capital Costs**

Activity	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
Corporate Hangar Development	0	0	0	0	3,500,000	0	3,500,000
<b>Total Capital Cost</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3,500,000</b>	<b>0</b>	<b>3,500,000</b>

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

Type of Expenditure	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
<b>Total</b>							

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

Funding Source(s)	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
Financing Proceeds	0	0	0	0	3,500,000	0	3,500,000
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3,500,000</b>	<b>0</b>	<b>3,500,000</b>

**Section 6** **Section 7**

Maps / Charts / Tables / Pictures

Comments for Other Depts.

**City of Concord, North Carolina**

**Fiscal Year 2017-18 through 2021-22 Capital Improvement Plan**

<b>Section 1</b>	<b>CIP Title</b>	Myint Lane Airport Access Road				<b>Budget Unit #</b>	6300		
<b>Budget Unit</b>	Airport Projects	<b>Functional Area</b>	Aviation			<b>Priority Rank</b>	11		
<b>Total CIP Cost</b>	Total Appropriations to date	Budget Year 1 FY2017-18	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP	
			Year 2 FY2018-19	Year 3 FY2019-20	Year 4 FY2020-21	Year 5 FY2021-22		<input checked="" type="checkbox"/> New	<input type="checkbox"/> Expansion
							<input type="checkbox"/> Replacement	<input type="checkbox"/> Renovation	
							<input type="checkbox"/> Land/ROW Acq. Required		
<b>700,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>700,000</b>	<b>0</b>	<b>0</b>	<b>700,000</b>		

**Section 2** **Description**

This project creates a second airport access point from end of existing Myint Lane to 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. Its listed as a future year project due to limited resources. The access road would be next to 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 side of Myint Lane is property currently owned by the City and constructing an access road would allow that area to be opened up for private and small aircraft hangar development.

**Section 3** **Capital Costs**

Activity	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
Preliminary Design	0	0	700,000	0	0	0	700,000
<b>Total Capital Cost</b>	<b>0</b>	<b>0</b>	<b>700,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>700,000</b>

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

Type of Expenditure	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
<b>Total</b>							

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

Funding Source(s)	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
Transfer from Aviation	0	0	700,000	0	0	0	700,000
<b>Total</b>	<b>0</b>	<b>0</b>	<b>700,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>700,000</b>

**Section 6** **Section 7**

Maps / Charts / Tables / Pictures

Comments for Other Depts.

**City of Concord, North Carolina**

**Fiscal Year 2017-18 through 2021-22 Capital Improvement Plan**

<b>Section 1</b>	<b>CIP Title</b>	Myint Lane Airport Apron Development				<b>Budget Unit #</b>	6300		
<b>Budget Unit</b>	Airport Projects	<b>Functional Area</b>	Aviation			<b>Priority Rank</b>	12		
<b>Total CIP Cost</b>	Total Appropriations to date	Budget Year 1 FY2017-18	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP	
			Year 2 FY2018-19	Year 3 FY2019-20	Year 4 FY2020-21	Year 5 FY2021-22		<input checked="" type="checkbox"/> New	<input type="checkbox"/> Expansion
							<input type="checkbox"/> Replacement	<input type="checkbox"/> Renovation	
							<input type="checkbox"/> Land/ROW Acq. Required		
<b>1,350,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>150,000</b>	<b>1,200,000</b>	<b>0</b>	<b>1,350,000</b>		

**Section 2** Description

This item 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 been completed, 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 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
Preliminary Design	0	0	150,000	1,200,000	0	0	1,350,000
<b>Total Capital Cost</b>	<b>0</b>	<b>0</b>	<b>150,000</b>	<b>1,200,000</b>	<b>0</b>	<b>0</b>	<b>1,350,000</b>

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

Type of Expenditure	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
<b>Total</b>							

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

Funding Source(s)	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
Federal Grant	0	0	135,000	1,080,000	0	0	1,215,000
State Grant	0	0	7,500	60,000	0	0	67,500
Transfer from Aviation	0	0	7,500	60,000	0	0	67,500
<b>Total</b>	<b>0</b>	<b>0</b>	<b>150,000</b>	<b>1,200,000</b>	<b>0</b>	<b>0</b>	<b>1,350,000</b>

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



**City of Concord, North Carolina**

**Fiscal Year 2017-18 through 2021-22 Capital Improvement Plan**

<b>Section 1</b>	<b>CIP Title</b>	Airport Helipads				<b>Budget Unit #</b>	6300		
<b>Budget Unit</b>	Airport Projects	<b>Functional Area</b>	Aviation			<b>Priority Rank</b>	13		
<b>Total CIP Cost</b>	Total Appropriations to date	Budget Year 1 FY2017-18	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP	
			Year 2 FY2018-19	Year 3 FY2019-20	Year 4 FY2020-21	Year 5 FY2021-22		<input type="checkbox"/> New <input checked="" type="checkbox"/> Replacement <input type="checkbox"/> Land/ROW Acq. Required	<input type="checkbox"/> Expansion <input type="checkbox"/> Renovation
<b>410,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>410,000</b>	<b>0</b>	<b>0</b>	<b>410,000</b>		

**Section 2** **Description**

This project would construct permanent concrete helipads at the Concord Regional Airport to replace existing ones lost due to recent ramp expansion projects at the airport. Helipad locations would be determined after space analysis is completed and would be constructed when funding becomes available.

**History, Status, or Impact if Delayed**

Helipads are needed for current and for anticipated future helicopter traffic growth. They replace pads that were lost as a result of recent construction projects. The airport is currently using several mobile pads called dollies, but they do not work for larger helicopters.

**Justification or Link to City Goals**

Safety and economic development are the primary reasons for this project. With the recent completion of the North Apron Expansion and South Development area, the Airport has lost an existing helipad and areas where helicopters would park at the airport. For safety reasons, its 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 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
Construction	0	0	410,000	0	0	0	410,000
<b>Total Capital Cost</b>	<b>0</b>	<b>0</b>	<b>410,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>410,000</b>

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

Type of Expenditure	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
<b>Total</b>							

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

Funding Source(s)	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	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
<b>Total</b>	<b>0</b>	<b>0</b>	<b>410,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>410,000</b>

**Section 6** **Section 7**

Maps / Charts / Tables / Pictures

Comments for Other Depts.

**City of Concord, North Carolina**

**Fiscal Year 2017-18 through 2021-22 Capital Improvement Plan**

<b>Section 1</b>	<b>CIP Title</b>	North Internal Service Road				<b>Budget Unit #</b>	6300		
<b>Budget Unit</b>	Airport Projects	<b>Functional Area</b>	Aviation			<b>Priority Rank</b>	14		
<b>Total CIP Cost</b>	Total Appropriations to date	Budget Year 1 FY2017-18	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP	
			Year 2 FY2018-19	Year 3 FY2019-20	Year 4 FY2020-21	Year 5 FY2021-22		<input checked="" type="checkbox"/> New	<input type="checkbox"/> Expansion
							<input type="checkbox"/> Replacement	<input type="checkbox"/> Renovation	
							<input type="checkbox"/> Land/ROW Acq. Required		
<b>2,149,300</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>325,000</b>	<b>1,824,300</b>	<b>0</b>	<b>2,149,300</b>		

**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 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
Construction	0	0	0	1,824,300	0	0	1,824,300
Preliminary Design	0	0	325,000	0	0	0	325,000
<b>Total Capital Cost</b>	<b>0</b>	<b>0</b>	<b>325,000</b>	<b>1,824,300</b>	<b>0</b>	<b>0</b>	<b>2,149,300</b>

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

Type of Expenditure	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
<b>Total</b>							

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

Funding Source(s)	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
Federal Grant	0	0	308,750	1,733,085	0	0	2,041,835
State Grant	0	0	8,125	45,608	0	0	53,733
Transfer from Aviation	0	0	8,125	45,608	0	0	53,733
<b>Total</b>	<b>0</b>	<b>0</b>	<b>325,000</b>	<b>1,824,301</b>	<b>0</b>	<b>0</b>	<b>2,149,301</b>

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

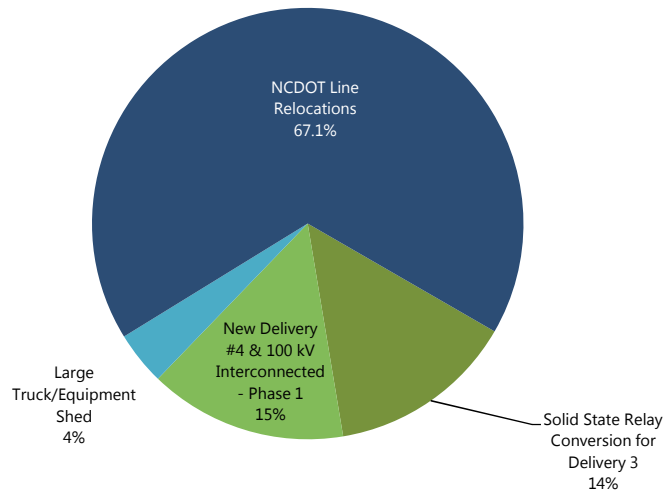
# Fund 473: Electric Capital Projects

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

	2017-2018 Approved	2018-2019 Planning Yr.	2019-2020 Planning Yr.	2020-2021 Planning Yr.	2021-2022 Planning Yr.	Future Planning Yr.
<b>Expenses By Project</b>						
Solid State Relay Conversion for Delivery 3	\$ 350,000	\$ -	\$ -	\$ -	\$ -	\$ -
New Delivery #4 & 100 kV Interconnected - Phase 1	\$ 370,000	\$ 7,329,912	\$ -	\$ -	\$ -	\$ -
Construction of 100 kV Sub at Delivery #4 - Phase 2	\$ -	\$ -	\$ -	\$ 5,351,651	\$ -	\$ -
Delivery #1 Replacement 100 kV Transmission System - Close Western Loop	\$ -	\$ -	\$ 2,000,000	\$ -	\$ -	\$ -
Large Truck/Equipment Shed	\$ 100,000	\$ 800,000	\$ -	\$ -	\$ -	\$ -
NCDOT Line Relocations	\$ 1,673,000	\$ -	\$ -	\$ -	\$ -	\$ -
<b>Total</b>	<b>\$ 2,493,000</b>	<b>\$ 8,129,912</b>	<b>\$ 2,000,000</b>	<b>\$ 11,021,948</b>	<b>\$ -</b>	<b>\$ -</b>

	2017-2018 Approved	2018-2019 Planning Yr.	2019-2020 Planning Yr.	2020-2021 Planning Yr.	2021-2022 Planning Yr.	Future Planning Yr.
<b>Revenues by Funding Source</b>						
Transfer from Electric	\$ 820,000	\$ 800,000	\$ -	\$ -	\$ -	\$ -
Bond Proceeds	\$ -	\$ 7,329,912	\$ 2,000,000	\$ 11,021,948	\$ -	\$ -
NCDOT Share	\$ 1,673,000	\$ -	\$ -	\$ -	\$ -	\$ -
<b>Total</b>	<b>\$ 2,493,000</b>	<b>\$ 8,129,912</b>	<b>\$ 2,000,000</b>	<b>\$ 11,021,948</b>	<b>\$ -</b>	<b>\$ -</b>

## FY 2018 Electric Capital Projects



**City of Concord, North Carolina**

**Fiscal Year 2017-18 through 2021-22 Capital Improvement Plan**

<b>Section 1</b>	<b>CIP Title</b>	Solid State Relay Conversion for Delivery 3				<b>Budget Unit #</b>	6949		
<b>Budget Unit</b>	Electric Projects	<b>Functional Area</b>	Electric			<b>Priority Rank</b>	1		
<b>Total CIP Cost</b>	Total Appropriations to date	Budget Year 1 FY2017-18	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP	
			Year 2 FY2018-19	Year 3 FY2019-20	Year 4 FY2020-21	Year 5 FY2021-22		<input type="checkbox"/> New	<input type="checkbox"/> Expansion
			<input type="checkbox"/> Replacement	<input checked="" type="checkbox"/> Renovation					
			<input type="checkbox"/> Land/ROW Acq. Required						
<b>350,000</b>	<b>0</b>	<b>350,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>350,000</b>		

**Section 2** Description

This project will convert the current relay protection package at Delivery #3 to a new solid state package. It will also incorporate a new control house and SCADA communications equipment. Changing technology has rendered the existing station equipment obsolete.

**History, Status, or Impact if Delayed**

This project is part of the departments strategic plan to systematically upgrade the intelligent devices on the system. Delays in upgrades will begin to impact reliability over time and increase our maintenance costs going forward.

**Justification or Link to City Goals**

This project will provide additional reliability by increasing our ability to monitor the system and create dynamic new protection schemes, thereby helping reduce Customer outage times. This project helps meet our goal of continuous improvement.

**Section 3** Capital Costs

Activity	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
Construction	325,000	0	0	0	0	0	325,000
Engineering	25,000	0	0	0	0	0	25,000
<b>Total Capital Cost</b>	<b>350,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>350,000</b>

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

Type of Expenditure	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
<b>Total</b>							

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

Funding Source(s)	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
Transfer from Electric	350,000	0	0	0	0	0	350,000
<b>Total</b>	<b>350,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>350,000</b>

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



**City of Concord, North Carolina**

**Fiscal Year 2017-18 through 2021-22 Capital Improvement Plan**

<b>Section 1</b>	<b>CIP Title</b>	New Delivery #4 & 100 kV Interconnected - Phase 1				<b>Budget Unit #</b>	6949	
<b>Budget Unit</b>	Electric Projects	<b>Functional Area</b>	Electric			<b>Priority Rank</b>	2	
<b>Total CIP Cost</b>	Total Appropriations to date	Budget Year 1 FY2017-18	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP
			Year 2 FY2018-19	Year 3 FY2019-20	Year 4 FY2020-21	Year 5 FY2021-22		
7,699,912	0	370,000	7,329,912	0	0	0	7,699,912	

**Section 2 Description**

This project will provide construction of a 100 kV power delivery point, from which the City will purchase power from the electric grid. The project will also consist of 3.5 mile a 100kV Interconnect line to integrate this Delivery Point with the existing 100 kV infrastructure. This project will also include a 100-44 kv step down transformer to eliminate 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 on the western side of 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 on the west side of Concord. This Delivery Point also provides additional capacity that will be required to meet future demands for power on the west side of Concord's electric service area.

**Section 3 Capital Costs**

Activity	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
Construction	0	6,200,000	0	0	0	0	6,200,000
Engineering	370,000	0	0	0	0	0	370,000
Land/ROW	0	1,129,912	0	0	0	0	1,129,912
<b>Total Capital Cost</b>	<b>370,000</b>	<b>7,329,912</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>7,699,912</b>

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

Type of Expenditure	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
<b>Total</b>							

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

Funding Source(s)	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
Revenue Bonds	0	7,329,912	0	0	0	0	7,329,912
Transfer from Electric	370,000	0	0	0	0	0	370,000
<b>Total</b>	<b>370,000</b>	<b>7,329,912</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>7,699,912</b>

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



**City of Concord, North Carolina**

**Fiscal Year 2017-18 through 2021-22 Capital Improvement Plan**

<b>Section 1</b>	<b>CIP Title</b>	Construction of 100 kV Sub at Delivery #4 - Phase 2				<b>Budget Unit #</b>	6949		
<b>Budget Unit</b>	Electric Projects	<b>Functional Area</b>	Electric			<b>Priority Rank</b>	3		
<b>Total CIP Cost</b>	Total Appropriations to date	Budget Year 1 FY2017-18	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP	
			Year 2 FY2018-19	Year 3 FY2019-20	Year 4 FY2020-21	Year 5 FY2021-22		<input type="checkbox"/> New	<input checked="" type="checkbox"/> Expansion
							<input type="checkbox"/> Replacement	<input type="checkbox"/> Renovation	
							<input type="checkbox"/> Land/ROW Acq. Required		
<b>5,351,651</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>5,351,651</b>	<b>0</b>	<b>5,351,651</b>		

**Section 2** **Description**

This project consists of construction of a 100 KV dual bay 6 circuit electric substation, on the same site that houses Delivery #4.

**History, Status, or Impact if Delayed**

The City's Electric System infrastructure is currently on a 10-year improvement plan primarily to address load growth. All requests for new or converted substations are based on having the ability to address customer loading of the system.

**Justification or Link to City Goals**

This project will provide additional capacity to electric infrastructure in the central portion of the City's electric service area. Its planning location is directly adjacent to Delivery #4, which will minimize cost of 100 KV line extension and maximize use of property already designated for a 100 KV Delivery Point. This substation will provide critical additional capacity to meet future demands for power. Its central location within the City's electric infrastructure will provide critical alternate feed circuits to adjacent substations, resulting in enhanced reliability of electric service provided to our customers.

**Section 3** **Capital Costs**

Activity	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
Construction	0	0	0	4,945,254	0	0	4,945,254
Engineering	0	0	0	247,262	0	0	247,262
Land/ROW	0	0	0	159,135	0	0	159,135
<b>Total Capital Cost</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>5,351,651</b>	<b>0</b>	<b>0</b>	<b>5,351,651</b>

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

Type of Expenditure	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
<b>Total</b>							

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

Funding Source(s)	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
Revenue Bonds	0	0	0	5,351,651	0	0	5,351,651
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>5,351,651</b>	<b>0</b>	<b>0</b>	<b>5,351,651</b>

**Section 6** **Section 7**

Maps / Charts / Tables / Pictures

Comments for Other Depts.



**City of Concord, North Carolina**

**Fiscal Year 2017-18 through 2021-22 Capital Improvement Plan**

<b>Section 1</b>	<b>CIP Title</b>	Delivery #1 Replacement				<b>Budget Unit #</b>	6949		
<b>Budget Unit</b>	Electric Projects	<b>Functional Area</b>	Electric			<b>Priority Rank</b>	4		
<b>Total CIP Cost</b>	Total Appropriations to date	Budget Year 1 FY2017-18	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP	
			Year 2 FY2018-19	Year 3 FY2019-20	Year 4 FY2020-21	Year 5 FY2021-22		<input type="checkbox"/> New <input checked="" type="checkbox"/> Replacement <input type="checkbox"/> Land/ROW Acq. Required	<input type="checkbox"/> Expansion <input type="checkbox"/> Renovation
2,000,000	0	0	0	2,000,000	0	0	2,000,000		

**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 it's end of life cycle. This new station will provide much greater reliability as well as additional loading capabilities.

**Section 3** Capital Costs

Activity	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
Construction	0	0	2,000,000	0	0	0	2,000,000
<b>Total Capital Cost</b>	<b>0</b>	<b>0</b>	<b>2,000,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2,000,000</b>

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

Type of Expenditure	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
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Total

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

Funding Source(s)	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
Revenue Bonds	0	0	2,000,000	0	0	0	2,000,000
<b>Total</b>	<b>0</b>	<b>0</b>	<b>2,000,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2,000,000</b>

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



**City of Concord, North Carolina**

**Fiscal Year 2017-18 through 2021-22 Capital Improvement Plan**

<b>Section 1</b>	<b>CIP Title</b>	100 kV Transmission System - Close Western Loop				<b>Budget Unit #</b>	6949		
<b>Budget Unit</b>	Electric Projects	<b>Functional Area</b>	Electric			<b>Priority Rank</b>	5		
<b>Total CIP Cost</b>	Total Appropriations to date	Budget Year 1 FY2017-18	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP	
			Year 2 FY2018-19	Year 3 FY2019-20	Year 4 FY2020-21	Year 5 FY2021-22		<input type="checkbox"/> New	<input checked="" type="checkbox"/> Expansion
			<input type="checkbox"/> Replacement	<input type="checkbox"/> Renovation					
			<input type="checkbox"/> Land/ROW Acq. Required						
<b>5,670,297</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>5,670,297</b>	<b>0</b>	<b>5,670,297</b>		

**Section 2** **Description**

This project will provide a loop fed between 100 KV Deliveries 3 and 4 via the conversion of the existing 44 KV transmission line between the intersection of Cabarrus Ave and Warren C. Coleman Blvd and Concord Parkway South and Concord Farms Rd. Total project distance is 3.14 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 loops, substations on Weddington Rd, International Business Park, 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 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
Construction	0	0	0	4,432,388	0	0	4,432,388
Engineering	0	0	0	221,619	0	0	221,619
Land/ROW	0	0	0	1,016,290	0	0	1,016,290
<b>Total Capital Cost</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>5,670,297</b>	<b>0</b>	<b>0</b>	<b>5,670,297</b>

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

Type of Expenditure	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
<b>Total</b>							

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

Funding Source(s)	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
Revenue Bonds	0	0	0	5,670,297	0	0	5,670,297
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>5,670,297</b>	<b>0</b>	<b>0</b>	<b>5,670,297</b>

**Section 6** **Section 7**

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





**City of Concord, North Carolina**

**Fiscal Year 2017-18 through 2021-22 Capital Improvement Plan**

<b>Section 1</b>	<b>CIP Title</b>	Large Truck/Equipment Shed				<b>Budget Unit #</b>	6949		
<b>Budget Unit</b>	Electric Projects	<b>Functional Area</b>	Electric			<b>Priority Rank</b>	6		
<b>Total CIP Cost</b>	Total Appropriations to date	Budget Year 1 FY2017-18	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP	
			Year 2 FY2018-19	Year 3 FY2019-20	Year 4 FY2020-21	Year 5 FY2021-22		<input type="checkbox"/> New	<input checked="" type="checkbox"/> Expansion
							<input type="checkbox"/> Replacement	<input type="checkbox"/> Renovation	
			<input type="checkbox"/> Land/ROW Acq. Required						
<b>900,000</b>	<b>0</b>	<b>100,000</b>	<b>800,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>900,000</b>		

**Section 2** Description

Additional Large truck/Equipment covered shed located at Brown Operations

**History, Status, or Impact if Delayed**

Current Large truck/Equipment covered shed located at Brown Operations Center is over capacity by a large margin, leading to truck/equipment storage at remote sites. Some trucks and equipment are currently stored in the weather which will reduce their longevity and reliability, thus impacting our ability to maintain service levels.

**Justification or Link to City Goals**

As electric system growth continues at a rapid pace, large trucks and pieces of equipment are added to the fleet to enable continued quick and reliable service to the customer base. Ability to meet performance goals and objectives is reliant on necessary equipment being available.

**Section 3** Capital Costs

Activity	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
Design & Engineering	100,000	100,000	0	0	0	0	200,000
Site Work	0	100,000	0	0	0	0	100,000
Structure	0	600,000	0	0	0	0	600,000
<b>Total Capital Cost</b>	<b>100,000</b>	<b>800,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>900,000</b>

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

Type of Expenditure	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
<b>Total</b>							

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

Funding Source(s)	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
Transfer from Electric	100,000	800,000	0	0	0	0	900,000
<b>Total</b>	<b>100,000</b>	<b>800,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>900,000</b>

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



**City of Concord, North Carolina**

**Fiscal Year 2017-18 through 2021-22 Capital Improvement Plan**

<b>Section 1</b>	<b>CIP Title</b>	NCDOT Line Relocations				<b>Budget Unit #</b>	6949		
<b>Budget Unit</b>	Electric Projects	<b>Functional Area</b>				<b>Priority Rank</b>	7		
<b>Total CIP Cost</b>	Total Appropriations to date	Budget Year 1 FY2017-18	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP	
			Year 2 FY2018-19	Year 3 FY2019-20	Year 4 FY2020-21	Year 5 FY2021-22		<input type="checkbox"/> New <input checked="" type="checkbox"/> Replacement <input type="checkbox"/> Land/ROW Acq. Required	<input type="checkbox"/> Expansion <input type="checkbox"/> Renovation
<b>1,673,000</b>	<b>0</b>	<b>1,673,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,673,000</b>		

**Section 2** **Description**

The City will be relocating electric lines as a result of NCDOT work. Funded projects include: Derita Road Widening, I-85 Widening at Copperfield Blvd, Speedway Blvd Flyover Bridge, Highway 73 West Roundabout, and the Poplar Tent Rd/Concord Parkway Superstreet.

**History, Status, or Impact if Delayed**

NCDOT requested line re-locations in support of roadway projects are not optional. All projects must be complete in keeping with NCDOT and/or City project timelines. NCDOT will provide 100% reimbursement for these projects.

**Justification or Link to City Goals**

Continuing increases in traffic volume on City and/or NCDOT maintained roadways necessitate road re-alignment and widening projects. Roadway projects increase overall service levels to our customers through smother traffic flow, but require large investment in utility relocation efforts.

**Section 3** **Capital Costs**

Activity	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
Derita Road Widening	785,000	0	0	0	0	0	785,000
Hwy 73 Roundabout	87,000	0	0	0	0	0	87,000
I-85 Widening at Copperfield Blvd	609,000	0	0	0	0	0	609,000
Poplar Tent/Concord Parkway Superstreet	75,000	0	0	0	0	0	75,000
Spedway Blvd Flyover Bridge	117,000	0	0	0	0	0	117,000
<b>Total Capital Cost</b>	<b>1,673,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,673,000</b>

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

Type of Expenditure	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
<b>Total</b>							

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

Funding Source(s)	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
NCDOT Reimbursement	1,673,000	0	0	0	0	0	1,673,000
<b>Total</b>	<b>1,673,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,673,000</b>

**Section 6** **Section 7**



Maps / Charts / Tables / Pictures

Comments for Other Depts.

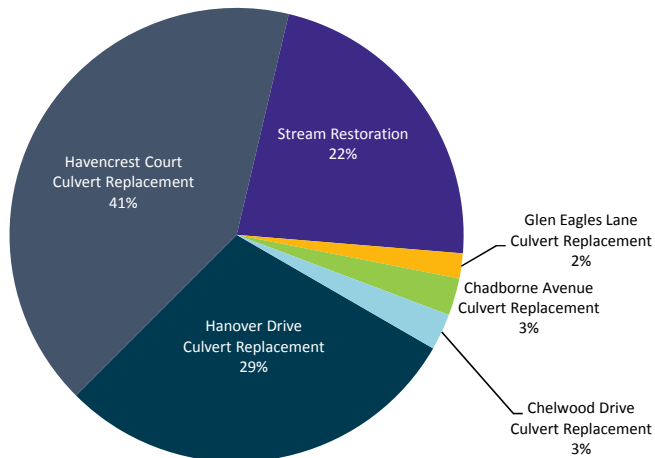
## Fund 474: Stormwater Capital Expenditures

Stormwater projects are accounted for using this fund. It is comprised of Stormwater Master Plan, Stream Restoration Projects, and Stormwater Projects budget units.

	2017-2018 Approved	2018-2019 Planning Yr.	2019-2020 Planning Yr.	2020-2021 Planning Yr.	2021-2022 Planning Yr.	Future Planning Yr.
<b>Expenses By Project</b>						
Hanover Drive Culvert Replacement	\$ 601,000	\$ -	\$ -	\$ -	\$ -	\$ -
Havencrest Court Culvert Replacement	\$ 849,000	\$ -	\$ -	\$ -	\$ -	\$ -
Stream Restoration	\$ 465,610	\$ -	\$ -	\$ -	\$ -	\$ -
Kerr Street Culvert Replacement	\$ -	\$ 550,000	\$ -	\$ -	\$ -	\$ -
Brookwood Avenue Roadway Improvements	\$ -	\$ 900,000	\$ -	\$ -	\$ -	\$ -
Glen Eagles Lane Culvert Replacement	\$ 36,700	\$ 330,300	\$ -	\$ -	\$ -	\$ -
Chadborne Avenue Culvert Replacement	\$ 54,500	\$ 490,500	\$ -	\$ -	\$ -	\$ -
Chelwood Drive Culvert Replacement	\$ 53,700	\$ 483,300	\$ -	\$ -	\$ -	\$ -
Dylan Place Culvert Replacement Upper & Lower	\$ -	\$ 95,700	\$ 861,300	\$ -	\$ -	\$ -
Duval Street Culvert Replacement	\$ -	\$ 68,500	\$ 616,500	\$ -	\$ -	\$ -
Farmwood Boulevard Culvert Replacement	\$ -	\$ 66,300	\$ 596,700	\$ -	\$ -	\$ -
Bridlewood Drive Culvert Replacement	\$ -	\$ -	\$ 102,200	\$ 919,800	\$ -	\$ -
Miramar Culvert Replacement	\$ -	\$ -	\$ 112,400	\$ 496,800	\$ 514,800	\$ -
Morris Glen Drive Culvert Replacement	\$ -	\$ -	\$ 40,600	\$ 365,400	\$ -	\$ -
Yvonne Drive Culvert Replacements	\$ -	\$ -	\$ -	\$ 111,200	\$ 1,000,800	\$ -
Spring Street Culvert Replacement	\$ -	\$ -	\$ -	\$ 41,100	\$ 369,900	\$ -
Glenwood Drive Culvert Replacement	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 718,000
<b>Total</b>	\$ 2,060,510	\$ 2,984,600	\$ 2,329,700	\$ 1,934,300	\$ 1,885,500	\$ 718,000

	2017-2018 Approved	2018-2019 Planning Yr.	2019-2020 Planning Yr.	2020-2021 Planning Yr.	2021-2022 Planning Yr.	Future Planning Yr.
<b>Revenues by Funding Source</b>						
Transfer from Stormwater Fund	\$ 2,060,510	\$ 2,984,600	\$ 2,329,700	\$ 1,934,300	\$ 1,885,500	\$ 718,000
<b>Total</b>	\$ 2,060,510	\$ 2,984,600	\$ 2,329,700	\$ 1,934,300	\$ 1,885,500	\$ 718,000

## FY 2018 Stormwater Projects



**City of Concord, North Carolina**

**Fiscal Year 2017-18 through 2021-22 Capital Improvement Plan**

<b>Section 1</b>	<b>CIP Title</b>	Hanover Drive Culvert Replacement				<b>Budget Unit #</b>	7103		
<b>Budget Unit</b>	Stormwater Projects	<b>Functional Area</b>	Stormwater			<b>Priority Rank</b>	1		
<b>Total CIP Cost</b>	Total Appropriations to date	Budget Year 1 FY2017-18	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP	
			Year 2 FY2018-19	Year 3 FY2019-20	Year 4 FY2020-21	Year 5 FY2021-22		<input type="checkbox"/> New <input checked="" type="checkbox"/> Replacement <input type="checkbox"/> Land/ROW Acq. Required	<input type="checkbox"/> Expansion <input type="checkbox"/> Renovation
726,032	125,032	601,000	0	0	0	0	601,000		

**Section 2** Description

This culvert replacement and upsizing under Hanover 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**

The project is identified in the Irish Buffalo Creek Master Plan.

<b>Section 3</b>								<b>Capital Costs</b>	
Activity	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total		
Construction	601,000	0	0	0	0	0	601,000		
<b>Total Capital Cost</b>	<b>601,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>601,000</b>		

<b>Section 4</b>								<b>New or Additional Impact on Operating Budget</b>	
Type of Expenditure	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total		
<b>Total</b>									

<b>Section 5</b>								<b>Method(s) of Financing</b>	
Funding Source(s)	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total		
Transfer from Stormwater	601,000	0	0	0	0	0	601,000		
<b>Total</b>	<b>601,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>601,000</b>		

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

**Fiscal Year 2017-18 through 2021-22 Capital Improvement Plan**

<b>Section 1</b>	<b>CIP Title</b>	Havencrest Court Culvert Replacement				<b>Budget Unit #</b>	7103		
<b>Budget Unit</b>	Stormwater Projects	<b>Functional Area</b>	Stormwater			<b>Priority Rank</b>	2		
<b>Total CIP Cost</b>	Total Appropriations to date	Budget Year 1 FY2017-18	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP	
			Year 2 FY2018-19	Year 3 FY2019-20	Year 4 FY2020-21	Year 5 FY2021-22		<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
849,000	0	849,000	0	0	0	0	849,000		

**Section 2** **Description**

This culvert replacement and upsizing under Havencrest Court 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.

<b>Section 3</b>								<b>Capital Costs</b>	
<b>Activity</b>	<b>FY 2017-18</b>	<b>FY 2018-19</b>	<b>FY 2019-20</b>	<b>FY 2020-21</b>	<b>FY 2021-22</b>	<b>Future \$\$</b>	<b>Total</b>		
Construction	849,000	0	0	0	0	0	849,000		
<b>Total Capital Cost</b>	<b>849,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>849,000</b>		

<b>Section 4</b>								<b>New or Additional Impact on Operating Budget</b>	
<b>Type of Expenditure</b>	<b>FY 2017-18</b>	<b>FY 2018-19</b>	<b>FY 2019-20</b>	<b>FY 2020-21</b>	<b>FY 2021-22</b>	<b>Future \$\$</b>	<b>Total</b>		
<b>Total</b>									

<b>Section 5</b>								<b>Method(s) of Financing</b>	
<b>Funding Source(s)</b>	<b>FY 2017-18</b>	<b>FY 2018-19</b>	<b>FY 2019-20</b>	<b>FY 2020-21</b>	<b>FY 2021-22</b>	<b>Future \$\$</b>	<b>Total</b>		
Transfer from Stormwater	849,000	0	0	0	0	0	849,000		
<b>Total</b>	<b>849,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>849,000</b>		

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

**Fiscal Year 2017-18 through 2021-22 Capital Improvement Plan**

<b>Section 1</b>	<b>CIP Title</b>	Stream Restoration Project				<b>Budget Unit #</b>	7102		
<b>Budget Unit</b>	Stormwater Stream Restr	<b>Functional Area</b>	Stormwater			<b>Priority Rank</b>	3		
<b>Total CIP Cost</b>	Total Appropriations to date	Budget Year 1 FY2017-18	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP	
			Year 2 FY2018-19	Year 3 FY2019-20	Year 4 FY2020-21	Year 5 FY2021-22		<input type="checkbox"/> New	<input type="checkbox"/> Expansion
			<input type="checkbox"/> Replacement	<input checked="" type="checkbox"/> Renovation					
			<input type="checkbox"/> Land/ROW Acq. Required						
2,065,406	1,599,796	465,610	0	0	0	0	465,610		

**Section 2** **Description**

This project is for the construction of detention ponds and stream restoration work to improve water quality in Stricker Branch.

**History, Status, or Impact if Delayed**

This project has been designed in coordination with the Army Corps of Engineers. The funding represents the estimated 35% required match from the City. This project was previously planned for construction as one large project. Due to funding limitations by the Federal government, it has been broken up into smaller projects.

**Justification or Link to City Goals**

Streams in Concord are impaired due to previous growth and industrial operations. This project is a first step to address water quality concerns.

**Section 3** **Capital Costs**

Activity	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
Construction	465,610	0	0	0	0	0	465,610
<b>Total Capital Cost</b>	<b>465,610</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>465,610</b>

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

Type of Expenditure	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
<b>Total</b>							

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

Funding Source(s)	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
Transfer from Stormwater	465,610	0	0	0	0	0	465,610
<b>Total</b>	<b>465,610</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>465,610</b>

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

Maps / Charts / Tables / Pictures

**City of Concord, North Carolina**

**Fiscal Year 2017-18 through 2021-22 Capital Improvement Plan**

<b>Section 1</b>	<b>CIP Title</b>	Kerr Street Culvert Replacement				<b>Budget Unit #</b>	7103		
<b>Budget Unit</b>	Stormwater Projects	<b>Functional Area</b>	Stormwater			<b>Priority Rank</b>	4		
<b>Total CIP Cost</b>	Total Appropriations to date	Budget Year 1 FY2017-18	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP	
			Year 2 FY2018-19	Year 3 FY2019-20	Year 4 FY2020-21	Year 5 FY2021-22		<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
550,000	0	0	550,000	0	0	0	550,000		

**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 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
Construction	0	550,000	0	0	0	0	550,000
<b>Total Capital Cost</b>	<b>0</b>	<b>550,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>550,000</b>

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

Type of Expenditure	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
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**Total**

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

Funding Source(s)	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
Transfer from Stormwater	0	550,000	0	0	0	0	550,000
<b>Total</b>	<b>0</b>	<b>550,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>550,000</b>

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

**City of Concord, North Carolina**

**Fiscal Year 2017-18 through 2021-22 Capital Improvement Plan**

<b>Section 1</b>	<b>CIP Title</b>	Brookwood Avenue Roadway Improvements				<b>Budget Unit #</b>	7103		
<b>Budget Unit</b>	Stormwater Projects	<b>Functional Area</b>	Stormwater			<b>Priority Rank</b>	5		
<b>Total CIP Cost</b>	Total Appropriations to date	Budget Year 1 FY2017-18	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP	
			Year 2 FY2018-19	Year 3 FY2019-20	Year 4 FY2020-21	Year 5 FY2021-22		<input type="checkbox"/> New <input checked="" type="checkbox"/> Replacement <input type="checkbox"/> Land/ROW Acq. Required	<input type="checkbox"/> Expansion <input type="checkbox"/> Renovation
900,000	0	0	900,000	0	0	0	900,000		

**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 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
Construction	0	900,000	0	0	0	0	900,000
Design & R/W Acquisition	0	0	0	0	0	0	0
<b>Total Capital Cost</b>	<b>0</b>	<b>900,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>900,000</b>

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

Type of Expenditure	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
<b>Total</b>							

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

Funding Source(s)	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
Transfer from Stormwater	0	900,000	0	0	0	0	900,000
<b>Total</b>	<b>0</b>	<b>900,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>900,000</b>

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



**City of Concord, North Carolina**

**Fiscal Year 2017-18 through 2021-22 Capital Improvement Plan**

<b>Section 1</b>	<b>CIP Title</b>	Glen Eagles Lane Culvert Replacement				<b>Budget Unit #</b>	7103		
<b>Budget Unit</b>	Stormwater Projects	<b>Functional Area</b>	Stormwater			<b>Priority Rank</b>	6		
<b>Total CIP Cost</b>	Total Appropriations to date	Budget Year 1 FY2017-18	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP	
			Year 2 FY2018-19	Year 3 FY2019-20	Year 4 FY2020-21	Year 5 FY2021-22		<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
367,000	0	36,700	330,300	0	0	0	367,000		

**Section 2** **Description**

This culvert replacement and upsizing under Glen Eagles Lane is to reduce flooding risk to neighborhood homes and replace aging infrastructure.

**History, Status, or Impact if Delayed**

**Justification or Link to City Goals**

This project is identified in the Rocky River Master Plan via the completed 2016 Stormwater Drainage Study.

**Section 3** **Capital Costs**

Activity	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
Construction	0	330,300	0	0	0	0	330,300
Design & R/W Acquisition	36,700	0	0	0	0	0	36,700
<b>Total Capital Cost</b>	<b>36,700</b>	<b>330,300</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>367,000</b>

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

Type of Expenditure	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
<b>Total</b>							

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

Funding Source(s)	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
Transfer from Stormwater	36,700	330,300	0	0	0	0	367,000
<b>Total</b>	<b>36,700</b>	<b>330,300</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>367,000</b>

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

Maps / Charts / Tables / Pictures

**City of Concord, North Carolina**

**Fiscal Year 2017-18 through 2021-22 Capital Improvement Plan**

<b>Section 1</b>	<b>CIP Title</b>	Chadborne Avenue Culvert Replacement				<b>Budget Unit #</b>	7103		
<b>Budget Unit</b>	Stormwater Projects	<b>Functional Area</b>	Stormwater			<b>Priority Rank</b>	7		
<b>Total CIP Cost</b>	Total Appropriations to date	Budget Year 1 FY2017-18	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP	
			Year 2 FY2018-19	Year 3 FY2019-20	Year 4 FY2020-21	Year 5 FY2021-22		<input checked="" type="checkbox"/> New <input type="checkbox"/> Replacement <input type="checkbox"/> Land/ROW Acq. Required	<input type="checkbox"/> Expansion <input type="checkbox"/> Renovation
1,181,000	636,000	54,500	490,500	0	0	0	545,000		

**Section 2** **Description**

This culvert replacement and upsizing under Chadborne Avenue 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 via the completed 2016 Stormwater Drainage Study.

**Section 3** **Capital Costs**

Activity	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
Construction	0	490,500	0	0	0	0	490,500
Design & R/W Acquisition	54,500	0	0	0	0	0	54,500
<b>Total Capital Cost</b>	<b>54,500</b>	<b>490,500</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>545,000</b>

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

Type of Expenditure	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
<b>Total</b>							

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

Funding Source(s)	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
Transfer from Stormwater	54,500	490,500	0	0	0	0	545,000
<b>Total</b>	<b>54,500</b>	<b>490,500</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>545,000</b>

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

Maps / Charts / Tables / Pictures

**City of Concord, North Carolina**

**Fiscal Year 2017-18 through 2021-22 Capital Improvement Plan**

<b>Section 1</b>	<b>CIP Title</b>	Chelwood Drive Culvert Replacement					<b>Budget Unit #</b>	7103
<b>Budget Unit</b>	Stormwater Projects	<b>Functional Area</b>	Stormwater				<b>Priority Rank</b>	8
<b>Total CIP Cost</b>	Total Appropriations to date	Budget Year 1 FY2017-18	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP
			Year 2 FY2018-19	Year 3 FY2019-20	Year 4 FY2020-21	Year 5 FY2021-22		<input type="checkbox"/> New <input checked="" type="checkbox"/> Replacement <input type="checkbox"/> Land/ROW Acq. Required <input type="checkbox"/> Expansion <input type="checkbox"/> Renovation
1,926,788	1,389,788	53,700	483,300	0	0	0	537,000	

**Section 2** Description

This culvert replacement and upsizing under Chelwood 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 via the completed 2016 Stormwater Drainage Study.

**Section 3** Capital Costs

Activity	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
Construction	0	483,300	0	0	0	0	483,300
Design & R/W Acquisition	53,700	0	0	0	0	0	53,700
<b>Total Capital Cost</b>	<b>53,700</b>	<b>483,300</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>537,000</b>

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

Type of Expenditure	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
<b>Total</b>							

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

Funding Source(s)	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
Transfer from Stormwater	53,700	483,300	0	0	0	0	537,000
<b>Total</b>	<b>53,700</b>	<b>483,300</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>537,000</b>

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

**City of Concord, North Carolina**

**Fiscal Year 2017-18 through 2021-22 Capital Improvement Plan**

<b>Section 1</b>	<b>CIP Title</b>	Dylan Place Culvert Replacement Upper & Lower				<b>Budget Unit #</b>	7103		
<b>Budget Unit</b>	Stormwater Projects	<b>Functional Area</b>	Stormwater			<b>Priority Rank</b>	9		
<b>Total CIP Cost</b>	Total Appropriations to date	Budget Year 1 FY2017-18	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP	
			Year 2 FY2018-19	Year 3 FY2019-20	Year 4 FY2020-21	Year 5 FY2021-22		<input type="checkbox"/> New <input checked="" type="checkbox"/> Replacement <input type="checkbox"/> Land/ROW Acq. Required	<input type="checkbox"/> Expansion <input type="checkbox"/> Renovation
957,000	0	0	95,700	861,300	0	0	957,000		

**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 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
Construction	0	0	861,300	0	0	0	861,300
Design & R/W Acquisition	0	95,700	0	0	0	0	95,700
<b>Total Capital Cost</b>	<b>0</b>	<b>95,700</b>	<b>861,300</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>957,000</b>

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

Type of Expenditure	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
<b>Total</b>							

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

Funding Source(s)	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
Transfer from Stormwater	0	95,700	861,300	0	0	0	957,000
<b>Total</b>	<b>0</b>	<b>95,700</b>	<b>861,300</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>957,000</b>

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

**City of Concord, North Carolina**

**Fiscal Year 2017-18 through 2021-22 Capital Improvement Plan**

<b>Section 1</b>	<b>CIP Title</b>	Duval Street Culvert Replacement				<b>Budget Unit #</b>	7103		
<b>Budget Unit</b>	Stormwater Projects	<b>Functional Area</b>	Stormwater			<b>Priority Rank</b>	10		
<b>Total CIP Cost</b>	Total Appropriations to date	Budget Year 1 FY2017-18	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP	
			Year 2 FY2018-19	Year 3 FY2019-20	Year 4 FY2020-21	Year 5 FY2021-22		<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
685,000	0	0	68,500	616,500	0	0	685,000		

**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 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
Construction	0	0	616,500	0	0	0	616,500
Design & R/W Acquisition	0	68,500	0	0	0	0	68,500
<b>Total Capital Cost</b>	<b>0</b>	<b>68,500</b>	<b>616,500</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>685,000</b>

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

Type of Expenditure	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
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Total

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

Funding Source(s)	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
Transfer from Stormwater	0	68,500	616,500	0	0	0	685,000
<b>Total</b>	<b>0</b>	<b>68,500</b>	<b>616,500</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>685,000</b>

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

**City of Concord, North Carolina**

**Fiscal Year 2017-18 through 2021-22 Capital Improvement Plan**

<b>Section 1</b>	<b>CIP Title</b>	Farmwood Boulevard Culvert Replacement				<b>Budget Unit #</b>	7103		
<b>Budget Unit</b>	Stormwater Projects	<b>Functional Area</b>	Stormwater			<b>Priority Rank</b>	11		
<b>Total CIP Cost</b>	Total Appropriations to date	Budget Year 1 FY2017-18	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP	
			Year 2 FY2018-19	Year 3 FY2019-20	Year 4 FY2020-21	Year 5 FY2021-22		<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
663,000	0	0	66,300	596,700	0	0	663,000		

**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 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
Construction	0	0	596,700	0	0	0	596,700
Design & R/W Acquisition	0	66,300	0	0	0	0	66,300
<b>Total Capital Cost</b>	<b>0</b>	<b>66,300</b>	<b>596,700</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>663,000</b>

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

Type of Expenditure	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
<b>Total</b>							

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

Funding Source(s)	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
Transfer from Stormwater	0	66,300	596,700	0	0	0	663,000
<b>Total</b>	<b>0</b>	<b>66,300</b>	<b>596,700</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>663,000</b>

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

Maps / Charts / Tables / Pictures

**City of Concord, North Carolina**

**Fiscal Year 2017-18 through 2021-22 Capital Improvement Plan**

<b>Section 1</b>	<b>CIP Title</b>	Bridlewood Drive Culvert Replacement					<b>Budget Unit #</b>	7103
<b>Budget Unit</b>	Stormwater Projects	<b>Functional Area</b>	Stormwater				<b>Priority Rank</b>	12
<b>Total CIP Cost</b>	Total Appropriations to date	Budget Year 1 FY2017-18	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP
			Year 2 FY2018-19	Year 3 FY2019-20	Year 4 FY2020-21	Year 5 FY2021-22		<input type="checkbox"/> New <input checked="" type="checkbox"/> Replacement <input type="checkbox"/> Land/ROW Acq. Required <input type="checkbox"/> Expansion <input type="checkbox"/> Renovation
1,022,000	0	0	0	102,200	919,800	0	1,022,000	

**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.

<b>Section 3</b>	<b>Capital Costs</b>						
<b>Activity</b>	<b>FY 2017-18</b>	<b>FY 2018-19</b>	<b>FY 2019-20</b>	<b>FY 2020-21</b>	<b>FY 2021-22</b>	<b>Future \$\$</b>	<b>Total</b>
Construction	0	0	0	919,800	0	0	919,800
Design & R/W Acquisition	0	0	102,200	0	0	0	102,200
<b>Total Capital Cost</b>	<b>0</b>	<b>0</b>	<b>102,200</b>	<b>919,800</b>	<b>0</b>	<b>0</b>	<b>1,022,000</b>

<b>Section 4</b>	<b>New or Additional Impact on Operating Budget</b>						
<b>Type of Expenditure</b>	<b>FY 2017-18</b>	<b>FY 2018-19</b>	<b>FY 2019-20</b>	<b>FY 2020-21</b>	<b>FY 2021-22</b>	<b>Future \$\$</b>	<b>Total</b>
<b>Total</b>							

<b>Section 5</b>	<b>Method(s) of Financing</b>						
<b>Funding Source(s)</b>	<b>FY 2017-18</b>	<b>FY 2018-19</b>	<b>FY 2019-20</b>	<b>FY 2020-21</b>	<b>FY 2021-22</b>	<b>Future \$\$</b>	<b>Total</b>
Transfer from Stormwater	0	0	102,200	919,800	0	0	1,022,000
<b>Total</b>	<b>0</b>	<b>0</b>	<b>102,200</b>	<b>919,800</b>	<b>0</b>	<b>0</b>	<b>1,022,000</b>

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

**Fiscal Year 2017-18 through 2021-22 Capital Improvement Plan**

<b>Section 1</b>	<b>CIP Title</b>	Miramar Culvert Replacement					<b>Budget Unit #</b>	7103
<b>Budget Unit</b>	Stormwater Projects	<b>Functional Area</b>	Stormwater				<b>Priority Rank</b>	13
<b>Total CIP Cost</b>	Total Appropriations to date	Budget Year 1 FY2017-18	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP
			Year 2 FY2018-19	Year 3 FY2019-20	Year 4 FY2020-21	Year 5 FY2021-22		<input type="checkbox"/> New <input checked="" type="checkbox"/> Replacement <input type="checkbox"/> Land/ROW Acq. Required <input type="checkbox"/> Expansion <input type="checkbox"/> Renovation
1,124,000	0	0	0	112,400	496,800	514,800	1,124,000	

**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 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
Construction	0	0	0	496,800	514,800	0	1,011,600
Design & R/W Acquisition	0	0	112,400	0	0	0	112,400
<b>Total Capital Cost</b>	<b>0</b>	<b>0</b>	<b>112,400</b>	<b>496,800</b>	<b>514,800</b>	<b>0</b>	<b>1,124,000</b>

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

Type of Expenditure	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
<b>Total</b>							

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

Funding Source(s)	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
Transfer from Stormwater	0	0	112,400	496,800	514,800	0	1,124,000
<b>Total</b>	<b>0</b>	<b>0</b>	<b>112,400</b>	<b>496,800</b>	<b>514,800</b>	<b>0</b>	<b>1,124,000</b>

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



**City of Concord, North Carolina**

**Fiscal Year 2017-18 through 2021-22 Capital Improvement Plan**

<b>Section 1</b>	<b>CIP Title</b>	Morris Glen Drive Culvert Replacement				<b>Budget Unit #</b>	7103		
<b>Budget Unit</b>	Stormwater Projects	<b>Functional Area</b>	Stormwater			<b>Priority Rank</b>	14		
<b>Total CIP Cost</b>	Total Appropriations to date	Budget Year 1 FY2017-18	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP	
			Year 2 FY2018-19	Year 3 FY2019-20	Year 4 FY2020-21	Year 5 FY2021-22		<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
406,000	0	0	0	40,600	365,400	0	406,000		

**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 via the completed 2016 Stormwater Drainage Study.

**Section 3** **Capital Costs**

Activity	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
Construction	0	0	0	365,400	0	0	365,400
Design & R/W Acquisition	0	0	40,600	0	0	0	40,600
<b>Total Capital Cost</b>	<b>0</b>	<b>0</b>	<b>40,600</b>	<b>365,400</b>	<b>0</b>	<b>0</b>	<b>406,000</b>

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

Type of Expenditure	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
<b>Total</b>							

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

Funding Source(s)	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
Transfer from Stormwater	0	0	40,600	365,400	0	0	406,000
<b>Total</b>	<b>0</b>	<b>0</b>	<b>40,600</b>	<b>365,400</b>	<b>0</b>	<b>0</b>	<b>406,000</b>

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

Maps / Charts / Tables / Pictures

**City of Concord, North Carolina**

**Fiscal Year 2017-18 through 2021-22 Capital Improvement Plan**

<b>Section 1</b>	<b>CIP Title</b>	Yvonne Drive Culvert Replacements				<b>Budget Unit #</b>	7103		
<b>Budget Unit</b>	Stormwater Projects	<b>Functional Area</b>	Stormwater			<b>Priority Rank</b>	15		
<b>Total CIP Cost</b>	Total Appropriations to date	Budget Year 1 FY2017-18	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP	
			Year 2 FY2018-19	Year 3 FY2019-20	Year 4 FY2020-21	Year 5 FY2021-22		<input type="checkbox"/> New	<input type="checkbox"/> Expansion
							<input checked="" type="checkbox"/> Replacement	<input type="checkbox"/> Renovation	
			Land/ROW Acq. Required						
<b>1,112,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>111,200</b>	<b>1,000,800</b>	<b>1,112,000</b>		

**Section 2** Description

These culvert replacements and upsizings under Yvonne Drive and the general vicinity are to reduce flooding risk to neighborhood homes and replace aging infrastructure.

**History, Status, or Impact if Delayed**

**Justification or Link to City Goals**

This project is identified in the Rocky River Master Plan via the completed 2016 Stormwater Drainage Study.

**Section 3** Capital Costs

Activity	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
Construction	0	0	0	0	1,000,800	0	1,000,800
Design & R/W Acquisition	0	0	0	111,200	0	0	111,200
<b>Total Capital Cost</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>111,200</b>	<b>1,000,800</b>	<b>0</b>	<b>1,112,000</b>

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

Type of Expenditure	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
<b>Total</b>							

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

Funding Source(s)	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
Transfer from Stormwater	0	0	0	111,200	1,000,800	0	1,112,000
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>111,200</b>	<b>1,000,800</b>	<b>0</b>	<b>1,112,000</b>

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

**City of Concord, North Carolina**

**Fiscal Year 2017-18 through 2021-22 Capital Improvement Plan**

<b>Section 1</b>	<b>CIP Title</b>	Spring Street Culvert Replacement				<b>Budget Unit #</b>	7103		
<b>Budget Unit</b>	Stormwater Projects	<b>Functional Area</b>	Stormwater			<b>Priority Rank</b>	16		
<b>Total CIP Cost</b>	Total Appropriations to date	Budget Year 1 FY2017-18	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP	
			Year 2 FY2018-19	Year 3 FY2019-20	Year 4 FY2020-21	Year 5 FY2021-22		<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
411,000	0	0	0	0	41,100	369,900	411,000		

**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 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
Construction	0	0	0	0	369,900	0	369,900
Design & R/W Acquisition	0	0	0	41,100	0	0	41,100
<b>Total Capital Cost</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>41,100</b>	<b>369,900</b>	<b>0</b>	<b>411,000</b>

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

Type of Expenditure	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
<b>Total</b>							

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

Funding Source(s)	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
Transfer from Stormwater	0	0	0	41,100	369,900	0	411,000
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>41,100</b>	<b>369,900</b>	<b>0</b>	<b>411,000</b>

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

**City of Concord, North Carolina**

**Fiscal Year 2017-18 through 2021-22 Capital Improvement Plan**

<b>Section 1</b>	<b>CIP Title</b>	Glenwood Drive Culvert Replacement				<b>Budget Unit #</b>	7103		
<b>Budget Unit</b>	Stormwater Projects	<b>Functional Area</b>	Stormwater			<b>Priority Rank</b>	17		
<b>Total CIP Cost</b>	Total Appropriations to date	Budget Year 1 FY2017-18	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP	
			Year 2 FY2018-19	Year 3 FY2019-20	Year 4 FY2020-21	Year 5 FY2021-22		<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
718,000	0	0	0	0	0	0	718,000		

**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 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
Construction	0	0	0	0	0	718,000	718,000
<b>Total Capital Cost</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>718,000</b>	<b>718,000</b>

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

Type of Expenditure	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
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**Total**

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

Funding Source(s)	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
Transfer from Stormwater	0	0	0	0	0	718,000	718,000
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>718,000</b>	<b>718,000</b>

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

**City of Concord, North Carolina**

**Fiscal Year 2017-18 through 2021-22 Capital Improvement Plan**

<b>Section 1</b>	<b>CIP Title</b>	Coddle Creek WTP Dewatering Process Improvements				<b>Budget Unit #</b>	7331		
<b>Budget Unit</b>	Coddle Creek Water Plant	<b>Functional Area</b>	Water			<b>Priority Rank</b>	18		
<b>Total CIP Cost</b>	Total Appropriations to date	Budget Year 1 FY2017-18	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP	
			Year 2 FY2018-19	Year 3 FY2019-20	Year 4 FY2020-21	Year 5 FY2021-22		<input type="checkbox"/> New	<input type="checkbox"/> Expansion
			<input type="checkbox"/> Replacement	<input checked="" type="checkbox"/> Renovation					
			<input type="checkbox"/> Land/ROW Acq. Required						
<b>4,800,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4,800,000</b>	<b>4,800,000</b>		

**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 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
Design & Construction	0	0	0	0	4,800,000	0	4,800,000
<b>Total Capital Cost</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4,800,000</b>	<b>0</b>	<b>4,800,000</b>

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

Type of Expenditure	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
<b>Total</b>							

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

Funding Source(s)	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
Transfer from Water	0	0	0	0	4,800,000	0	4,800,000
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4,800,000</b>	<b>0</b>	<b>4,800,000</b>

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

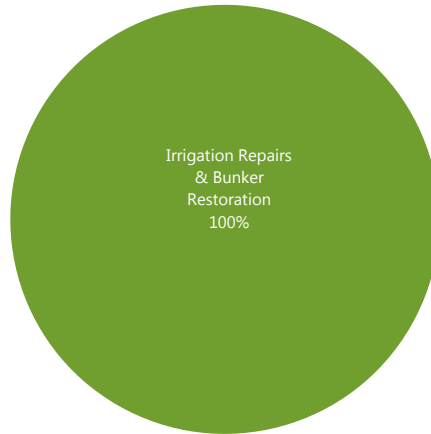
# Fund 475: Rocky River Golf Course Capital Projects

Rocky River Golf Course projects are accounted for using this fund. It is comprised of the Golf Course budget unit.

	2017-2018 Approved	2018-2019 Planning Yr.	2019-2020 Planning Yr.	2020-2021 Planning Yr.	2021-2022 Planning Yr.	Future Planning Yr.
<b>Expenses By Project</b>						
Irrigation Repairs & Bunker Restoration	\$ 92,000	\$ -	\$ -	\$ -	\$ -	\$ -
Restroom Facility Construction	\$ -	\$ 155,000	\$ -	\$ -	\$ -	\$ -
Range Netting	\$ -	\$ -	\$ 100,000	\$ -	\$ -	\$ -
Golf Course Bridges	\$ -	\$ 185,000	\$ -	\$ -	\$ -	\$ -
<b>Total</b>	\$ 92,000	\$ 340,000	\$ 100,000	\$ -	\$ -	\$ -

	2017-2018 Approved	2018-2019 Planning Yr.	2019-2020 Planning Yr.	2020-2021 Planning Yr.	2021-2022 Planning Yr.	Future Planning Yr.
<b>Revenues by Funding Source</b>						
Transfer From General Fund	\$ 92,000	\$ 340,000	\$ 100,000	\$ -	\$ -	\$ -
<b>Total</b>	\$ 92,000	\$ 340,000	\$ 100,000	\$ -	\$ -	\$ -

## FY 2018 Rocky River Golf Course Capital Projects



**City of Concord, North Carolina**

**Fiscal Year 2017-18 through 2021-22 Capital Improvement Plan**

<b>Section 1</b>	<b>CIP Title</b>	Irrigation Repairs & Bunker Restoration				<b>Budget Unit #</b>	7550		
<b>Budget Unit</b>	Golf Projects	<b>Functional Area</b>	Golf Course			<b>Priority Rank</b>	1		
<b>Total CIP Cost</b>	Total Appropriations to date	Budget Year 1 FY2017-18	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP	
			Year 2 FY2018-19	Year 3 FY2019-20	Year 4 FY2020-21	Year 5 FY2021-22		<input type="checkbox"/> New	<input type="checkbox"/> Expansion
			<input type="checkbox"/> Replacement	<input checked="" type="checkbox"/> Renovation					
			<input type="checkbox"/> Land/ROW Acq. Required						
291,650	199,650	92,000	0	0	0	0	92,000		

**Section 2** Description

Project to complete the restoration of the bunkers on the course.

**History, Status, or Impact if Delayed**

The fairway bunker project was postponed due to pressing maintenance equipment needs, but it is still a priority to match the greenside bunkers completed in 2016.

**Justification or Link to City Goals**

New fairway bunkers are needed to keep the course in great shape and main the high rating the course has achieved.

**Section 3** Capital Costs

Activity	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
Construction	92,000	0	0	0	0	0	92,000
<b>Total Capital Cost</b>	<b>92,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>92,000</b>

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

Type of Expenditure	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
<b>Total</b>							

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

Funding Source(s)	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
Transfer from General Fund	92,000	0	0	0	0	0	92,000
<b>Total</b>	<b>92,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>92,000</b>

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

**City of Concord, North Carolina**

**Fiscal Year 2017-18 through 2021-22 Capital Improvement Plan**

<b>Section 1</b>	<b>CIP Title</b>	Restroom Facility Construction				<b>Budget Unit #</b>	7550	
<b>Budget Unit</b>	Golf Projects	<b>Functional Area</b>	Golf Course			<b>Priority Rank</b>	2	
<b>Total CIP Cost</b>	Total Appropriations to date	Budget Year 1 FY2017-18	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP
			Year 2 FY2018-19	Year 3 FY2019-20	Year 4 FY2020-21	Year 5 FY2021-22		<input checked="" type="checkbox"/> New <input type="checkbox"/> Replacement <input type="checkbox"/> Land/ROW Acq. Required <input type="checkbox"/> Expansion <input type="checkbox"/> Renovation
155,000	0	0	155,000	0	0	0	155,000	

**Section 2** Description

Construction of a restroom facility by the tee for Hole #13.

**History, Status, or Impact if Delayed**

**Justification or Link to City Goals**

On course restroom building is a customer service improvement and is a frequent request by players.

**Section 3** Capital Costs

Activity	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
Building/Construction	0	125,000	0	0	0	0	125,000
Clear/Grade/Site Prep	0	15,000	0	0	0	0	15,000
Engineering/Architectural Service	0	15,000	0	0	0	0	15,000
<b>Total Capital Cost</b>	<b>0</b>	<b>155,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>155,000</b>

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

Type of Expenditure	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
<b>Total</b>							

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

Funding Source(s)	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
Transfer from General Fund	0	155,000	0	0	0	0	155,000
<b>Total</b>	<b>0</b>	<b>155,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>155,000</b>

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



**City of Concord, North Carolina**

**Fiscal Year 2017-18 through 2021-22 Capital Improvement Plan**

<b>Section 1</b>	<b>CIP Title</b>	Range Netting				<b>Budget Unit #</b>	7550		
<b>Budget Unit</b>	Golf Projects	<b>Functional Area</b>	Golf Course			<b>Priority Rank</b>	3		
<b>Total CIP Cost</b>	Total Appropriations to date	Budget Year 1 FY2017-18	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP	
			Year 2 FY2018-19	Year 3 FY2019-20	Year 4 FY2020-21	Year 5 FY2021-22		<input type="checkbox"/> New	<input type="checkbox"/> Expansion
							<input checked="" type="checkbox"/> Replacement	<input type="checkbox"/> Renovation	
							<input type="checkbox"/> Land/ROW Acq. Required		
<b>100,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>100,000</b>	<b>0</b>	<b>0</b>	<b>100,000</b>		

**Section 2** Description

Replacement of range netting.

**History, Status, or Impact if Delayed**

**Justification or Link to City Goals**

Range netting is a safety issue and an operational improvement so that range balls aren't lost.

**Section 3** Capital Costs

Activity	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
Range Netting	0	0	100,000	0	0	0	100,000
<b>Total Capital Cost</b>	<b>0</b>	<b>0</b>	<b>100,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>100,000</b>

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

Type of Expenditure	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
<b>Total</b>							

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

Funding Source(s)	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
Transfer from General Fund	0	0	100,000	0	0	0	100,000
<b>Total</b>	<b>0</b>	<b>0</b>	<b>100,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>100,000</b>

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

**City of Concord, North Carolina**

**Fiscal Year 2017-18 through 2021-22 Capital Improvement Plan**

<b>Section 1</b>	<b>CIP Title</b>	Golf Course Bridges				<b>Budget Unit #</b>	7550		
<b>Budget Unit</b>	Golf Projects	<b>Functional Area</b>	Golf Course			<b>Priority Rank</b>	4		
<b>Total CIP Cost</b>	Total Appropriations to date	Budget Year 1 FY2017-18	Unappropriated Subsequent Years				Total Requested Funds	Type of CIP	
			Year 2 FY2018-19	Year 3 FY2019-20	Year 4 FY2020-21	Year 5 FY2021-22		<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
185,000	0	0	185,000	0	0	0	185,000		

**Section 2** Description

Bridges on the golf course are in need of replacement.

**History, Status, or Impact if Delayed**

Bridge replacement is needed as a failure could result in an accident.

**Justification or Link to City Goals**

Bridge repairs/replacement are a safety issue and will be over 20 years old in September 2017.

**Section 3** Capital Costs

Activity	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
Building/Utility Construction	0	155,000	0	0	0	0	155,000
Clear/Grade/Site Prep	0	20,000	0	0	0	0	20,000
Golf Course Bridge Engineering	0	10,000	0	0	0	0	10,000
<b>Total Capital Cost</b>	<b>0</b>	<b>185,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>185,000</b>

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

Type of Expenditure	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
<b>Total</b>							

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

Funding Source(s)	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future \$\$	Total
Transfer from General Fund	0	185,000	0	0	0	0	185,000
<b>Total</b>	<b>0</b>	<b>185,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>185,000</b>

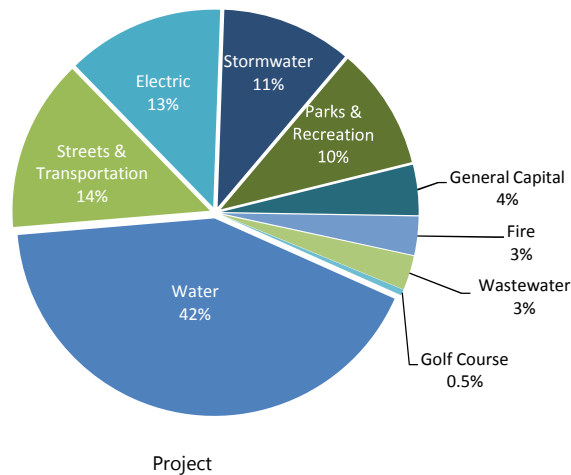
**Section 6** Maps / Charts / Tables / Pictures      **Section 7** Comments for Other Depts.

# Year 1 & In-Progress Projects

## Year 1 CIP Expenditures

By Fund	Project Costs
Parks & Recreation Projects	\$ 1,937,232
Wastewater Projects	\$ 542,400
Streets & Transportation Projects	\$ 2,730,207
Fire Projects	\$ 609,921
Water Projects	\$ 8,159,000
General Projects	\$ 800,000
Electric Projects	\$ 2,493,000
Stormwater Projects	\$ 2,060,510
Golf Course Projects	\$ 92,000
<b>Total Expenditures</b>	<b>\$ 19,424,270</b>

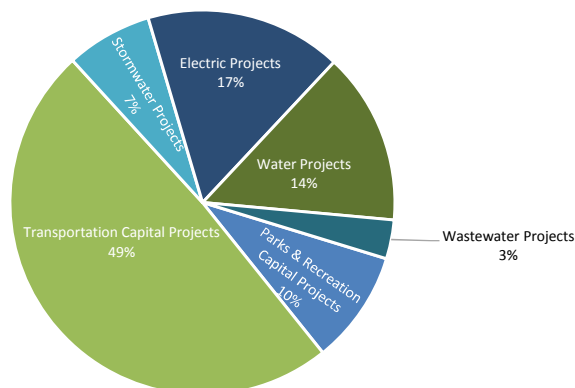
## FY18 Year 1 CIP Expenditures



## In-Progress CIP Expenditures

By Project Fund	
General Fund Capital Projects	\$ 1,000,000
Parks & Recreation Capital Projects	\$ 6,076,801
Transportation Capital Projects	\$ 31,243,074
Stormwater Projects	\$ 4,611,914
Electric Projects	\$ 10,556,500
Water Projects	\$ 9,240,000
Wastewater Projects	\$ 2,080,000
<b>Total Expenditures</b>	<b>\$ 64,808,289</b>

## In-Progress CIP Expenditures



# First Year CIP Project Detail

The boxes below provide summary detail for CIP projects scheduled for funding in year 1, or FY 2018, of the CIP. For additional description and cost information, please see each project's individual page in the City's FY 2018-2022 Capital Improvement Plan.

Parks & Recreation Capital Projects	
<b>Stream Restoration at McGee Park Playground</b>	<b>\$30,000</b>
Restoration and major repairs to Three Mile Branch near the playground area.	
	<i>Expected Completion: FY20</i>
Total Capital Cost	\$210,000
Total Operating Cost	\$0
Funding Source(s)	Transfer from General Fund

Parks & Recreation Capital Projects	
<b>Hector H Henry II Greenway, Riverwalk</b>	<b>\$1,581,000</b>
1.1 mile segment from Weddington Road Bark Park to Riverwalk neighborhood.	
	<i>Expected Completion: FY18</i>
Total Capital Cost	\$2,026,585
Total Operating Cost	\$0
Funding Source(s)	Transfer from General Fund

Parks & Recreation Capital Projects	
<b>McEachern Greenway - Hospital Phase</b>	<b>\$90,000</b>
1.3 mile segment from Les Myer's Park to Carolinas Medical Center - NorthEast.	
	<i>Expected Completion: FY18</i>
Total Capital Cost	\$90,000
Total Operating Cost	\$0
Funding Source(s)	Transfer from General Fund

Parks & Recreation Capital Projects	
<b>Coddle Creek Greenway - Phase 1 Development</b>	<b>\$25,000</b>
Phase 1 will begin at Dorton Park and travel 1/2 mile along Coddle Creek.	
	<i>Expected Completion: FY</i>
Total Capital Cost	\$725,000
Total Operating Cost	\$0
Funding Source(s)	Transfer from the General Fund

Transportation Capital Projects	
<b>Infrastructure Projects - Pedestrian Improvements</b>	<b>\$150,000</b>
Construct new City sidewalks and associated infrastructure to expand the existing pedestrian system.	
	<i>Expected Completion: Ongoing</i>
Total Capital Cost	-
Total Operating Cost	-
Funding Source(s)	\$5 Vehicle Fees

### How to read the summary information:

- ← Department
- ← Project title and FY18 cost
  
- ← Project description
- ← Estimated year of completion
- ← Total cost of capital project
- ← Total impact on operating budget
- ← Project's funding sources

Parks & Recreation Capital Projects	
<b>Burrage Road House Renovations</b>	<b>\$181,044</b>
Design & renovation of house at 946 Burrage Road to be used for programming space.	
	<i>Expected Completion: FY19</i>
Total Capital Cost	\$474,540
Total Operating Cost	\$16,044
Funding Source(s)	Transfer from General Fund

Parks & Recreation Capital Projects	
<b>Hartsell Recreation Center Renovations</b>	<b>\$30,188</b>
Renovation of Hartsell Recreation Center.	
	<i>Expected Completion: FY18</i>
Total Capital Cost	\$1,945,000
Total Operating Cost	\$30,188
Funding Source(s)	Transfer from General Fund, Op. Revenues

Wastewater Capital Projects	
<b>Havencrest Outfall - Phase 2</b>	<b>\$542,400</b>
Parallel sewer outfall to Havencrest Ct to provide the availability of sewer service at a low point in the road.	
	<i>Expected Completion: FY18</i>
Total Capital Cost	\$5,420,000
Total Operating Cost	\$0
Funding Source(s)	Transfer from Wastewater

Transportation Capital Projects	
<b>Brookwood Ave NE Corridor Enhancement</b>	<b>\$1,470,207</b>
Provide street improvements to the section of Brookwood Ave NE, running between Burrage Rd NE and Church St N.	
	<i>Expected Completion: FY20</i>
Total Capital Cost	\$6,642,607
Total Operating Cost	\$0
Funding Source(s)	\$5 Vehicle Fees, 2¢ Gen Fund Transfer

Transportation Capital Projects	
<b>Bruton Smith Blvd Pedestrian Improvements</b>	<b>\$800,000</b>
Participate monetarily for 20% of the actual cost to provide sidewalks and pedestrian crossings along Bruton Smith Blvd.	
<i>Expected Completion: FY18</i>	
Total Capital Cost	\$800,000
Total Operating Cost	\$0
Funding Source(s)	\$5 Vehicle Fees, 2¢ Gen Fund Transfer

Transportation Capital Projects	
<b>US601 at Flowes Store Rd Improvements</b>	<b>\$225,000</b>
Engineering work for an additional lane and sidewalk along US601.	
<i>Expected Completion: FY21</i>	
Total Capital Cost	\$2,361,469
Total Operating Cost	\$0
Funding Source(s)	\$5 Vehicle Fees, CMAQ Grant

Transportation Capital Projects	
<b>Downtown Pedestrian Signal Upgrades</b>	<b>\$70,000</b>
Retrofit of the Downtown district's traffic signals with countdown pedestrian signals and push buttons.	
<i>Expected Completion: FY20</i>	
Total Capital Cost	\$312,000
Total Operating Cost	\$0
Funding Source(s)	\$5 Vehicle Fees, TAP Funds

Fire Capital Projects	
<b>Fire Station #12</b>	<b>\$240,000</b>
Preliminary design, engineering, and architectural work for a new station in the Roberta Rd/Roberta Church Rd area.	
<i>Expected Completion: FY21</i>	
Total Capital Cost	\$5,090,000
Total Operating Cost	\$0
Funding Source(s)	Transfer from General Capital Reserves

Water Capital Projects	
<b>George Liles Blvd Waterline Phase 3</b>	<b>\$300,000</b>
Provide a new 24" waterline from Weddington Road to Roberta Road as part of the NCDOT Westside Bypass Project.	
<i>Expected Completion: FY18</i>	
Total Capital Cost	\$1,777,621
Total Operating Cost	\$0
Funding Source(s)	Transfer from Water

Water Capital Projects	
<b>US29 Water Tank</b>	<b>\$5,000,000</b>
Design and construct a new elevated water storage tank along US Hwy 29 near the Cabarrus Ave intersection.	
<i>Expected Completion: FY19</i>	
Total Capital Cost	\$5,000,000
Total Operating Cost	\$0
Funding Source(s)	Transfer from Water

Transportation Capital Projects	
<b>Spring/Chestnut/Broad Intersection Improvements</b>	<b>\$5,000</b>
Design/ROW of a single lane mini-roundabout at the Spring/Chestnut/Broad intersection.	
<i>Expected Completion: FY20</i>	
Total Capital Cost	\$700,000
Total Operating Cost	\$0
Funding Source(s)	\$5 Vehicle Fees

Transportation Capital Projects	
<b>Union Street, South Sidewalk Extension</b>	<b>\$10,000</b>
Construct sidewalk along Union St. South from Tulip Ave to NC3 and Cumberland Ct. SW.	
<i>Expected Completion: FY20</i>	
Total Capital Cost	\$400,000
Total Operating Cost	\$0
Funding Source(s)	\$5 Vehicle Fees, TAP Funds

Fire Capital Projects	
<b>Fire Station #10 Permanent Station</b>	<b>\$319,921</b>
Preliminary design, engineering, and architecture design for a permanent station to replace the temporary building currently on site.	
<i>Expected Completion: FY20</i>	
Total Capital Cost	\$4,182,188
Total Operating Cost	\$0
Funding Source(s)	Transfer from General Fund

Fire Capital Projects	
<b>Generator Relocation</b>	<b>\$50,000</b>
The generator located behind 26 Union Street South will be moved to Fire Station #3 to provide backup capabilities.	
<i>Expected Completion: FY18</i>	
Total Capital Cost	\$151,000
Total Operating Cost	\$0
Funding Source(s)	Transfer from General Fund

Water Capital Projects	
<b>Coddle Creek WTP Settling Basin Upgrades</b>	<b>\$1,500,000</b>
This project is to design and construct settling basin upgrades at the Coddle Creek Water Treatment Plant and includes a pilot study.	
<i>Expected Completion: FY20</i>	
Total Capital Cost	\$4,725,000
Total Operating Cost	\$0
Funding Source(s)	Transfer from Water

Water Capital Projects	
<b>Poplar Tent Road 24" Water Line Extension</b>	<b>\$332,000</b>
Design of a new 24" water line along Poplar Tent Rd from International Drive to Eva Drive.	
<i>Expected Completion: FY20</i>	
Total Capital Cost	\$1,885,000
Total Operating Cost	\$0
Funding Source(s)	Transfer from Water

Water Capital Projects	
<b>Pitts School Road 24" Water Line Extension</b>	<b>\$137,000</b>
Design of a new 24" water line along Pitts School Rd from Belt Rd to Weddington Rd.	
	<i>Expected Completion: FY20</i>
Total Capital Cost	\$820,000
Total Operating Cost	\$0
Funding Source(s)	Transfer from Water

Water Capital Projects	
<b>NC Highway 49 30" Water Line Extension</b>	<b>\$753,000</b>
Design of new 30" water line along NC Highway 49 from Erickson Court to Atando Rd.	
	<i>Expected Completion: FY20</i>
Total Capital Cost	\$4,519,000
Total Operating Cost	\$0
Funding Source(s)	Transfer from Water

Water Capital Projects	
<b>Corban Avenue Pump Station Rehabilitation</b>	<b>\$137,000</b>
Design and replace existing water pumps at the Corban Ave pump station.	
	<i>Expected Completion: FY18</i>
Total Capital Cost	\$100,000
Total Operating Cost	\$0
Funding Source(s)	Transfer from Water

Water Capital Projects	
<b>Traffic Calming on General Services Drive</b>	<b>\$100,000</b>
Install a round-a-bout on General Services Drive before the entrant to the BOC facilities.	
	<i>Expected Completion: FY18</i>
Total Capital Cost	\$100,000
Total Operating Cost	\$0
Funding Source(s)	Transfer from General Fund

General Capital Projects	
<b>Upper Laydown Yard - BOC</b>	<b>\$500,000</b>
Development of a 3.5 acre laydown yard on City property at the Brown Operations Complex.	
	<i>Expected Completion: FY18</i>
Total Capital Cost	\$500,000
Total Operating Cost	\$0
Funding Source(s)	Transfer from the General Fund

General Capital Projects	
<b>Fiber Network Extension</b>	<b>\$200,000</b>
Fiber network extension providing high bandwidth connectivity for data, video, telephone and SCADA needs for various city departments.	
	<i>Expected Completion: Ongoing</i>
Total Capital Cost	-
Total Operating Cost	-
Funding Source(s)	Transfer from Various City Funds

Electric Capital Projects	
<b>Solid State Relay Conversion Delivery #3</b>	<b>\$350,000</b>
Convert the current relay protection package at Delivery #3 to a solid state package.	
	<i>Expected Completion: FY18</i>
Total Capital Cost	\$350,000
Total Operating Cost	\$0
Funding Source(s)	Transfer from Electric

Electric Capital Projects	
<b>New Delivery #4 - Phase 1</b>	<b>\$370,000</b>
Construction of a 100kV power delivery point, 2.5 miles of 100 kV interconnect line, and a 100-55kV stepdown transformer.	
	<i>Expected Completion: FY19</i>
Total Capital Cost	\$7,699,912
Total Operating Cost	\$0
Funding Source(s)	Transfer from Electric, Financing Proceeds

Electric Capital Projects	
<b>Large Truck/Equipment Shed</b>	<b>\$100,000</b>
Additional large truck/equipment covered shed at BOC.	
	<i>Expected Completion: FY19</i>
Total Capital Cost	\$900,000
Total Operating Cost	\$0
Funding Source(s)	Transfer from Electric

Electric Capital Projects	
<b>NCDOT Line Relocations</b>	<b>\$1,673,000</b>
Relocation of electric lines as a result of work done by NCDOT.	
	<i>Expected Completion: FY18</i>
Total Capital Cost	\$1,673,000
Total Operating Cost	\$0
Funding Source(s)	NC DOT Reimbursement

Stormwater Capital Projects	
<b>Hanover Drive Culvert Replacement</b>	<b>\$601,000</b>
Replace and upsize culvert at Hanover Drive.	
	<i>Expected Completion: FY18</i>
Total Capital Cost	\$601,000
Total Operating Cost	\$0
Funding Source(s)	Transfer from Stormwater

Stormwater Capital Projects	
<b>Havencrest Court Culvert Replacement</b>	<b>\$849,000</b>
Replace and upsize culvert at Havencrest Court.	
	<i>Expected Completion: FY18</i>
Total Capital Cost	\$849,000
Total Operating Cost	\$0
Funding Source(s)	Transfer from Stormwater

<b>Stormwater Capital Projects</b>	
<b>Stream Restoration</b>	<b>\$465,610</b>
Construction of detention ponds and stream restoration work to improve water quality in Stricker Branch.	
<i>Expected Completion: Ongoing</i>	
<i>Total Capital Cost</i>	\$1,765,406
<i>Total Operating Cost</i>	\$0
<i>Funding Source(s)</i>	Transfer from Stormwater

<b>Stormwater Capital Projects</b>	
<b>Glen Eagles Lane Culvert</b>	<b>\$367,000</b>
Replacing and upsizing of culvert at Glen Eagles Lane.	
<i>Expected Completion: FY19</i>	
<i>Total Capital Cost</i>	\$367,000
<i>Total Operating Cost</i>	\$0
<i>Funding Source(s)</i>	Transfer from Stormwater

<b>Stormwater Capital Projects</b>	
<b>Chadborne Avenue Culvert</b>	<b>\$54,500</b>
Replacement and upsizing of culvert at Chadborne Avenue.	
<i>Expected Completion: FY19</i>	
<i>Total Capital Cost</i>	\$1,181,000
<i>Total Operating Cost</i>	\$0
<i>Funding Source(s)</i>	Transfer from Electric

<b>Stormwater Capital Projects</b>	
<b>Chelwood Drive Culvert Replacement</b>	<b>\$53,700</b>
Replacement and upsizing of culvert at Chelwood Dr.	
<i>Expected Completion: FY19</i>	
<i>Total Capital Cost</i>	\$1,926,788
<i>Total Operating Cost</i>	\$0
<i>Funding Source(s)</i>	Transfer from Stormwater

<b>Golf Course Capital Projects</b>	
<b>Irrigation Repairs/Bunker Restoration</b>	<b>\$92,000</b>
Complete the restoration of the golf course bunkers on the fairway side of the course.	
<i>Expected Completion: FY19</i>	
<i>Total Capital Cost</i>	\$291,650
<i>Total Operating Cost</i>	\$0
<i>Funding Source(s)</i>	Transfer from General Fund



# In-Progress CIP Project Detail

The boxes below provide summary detail of CIPs that were approved in prior fiscal years, did not receive additional funding in FY18, are currently in progress, and are not yet completed.

General Fund Capital Projects	
<b>Fiber Network Extension</b>	
Fiber network extension providing high bandwidth connectivity for data, video, telephone and SCADA needs for various city departments.	
<i>Approved: FY14</i>	<i>Expected Completion: Ongoing</i>
<i>Total Capital Cost</i>	\$500,000
<i>Total Operating Cost</i>	\$500,000
<i>Funding Source(s)</i>	Operating Revenues

### How to read the summary information:

- ← Department or Project Fund
- ← Project title
- ← Project description
- ← Fiscal years of project approval and completion
- ← Total cost of capital project
- ← Total 5-yr impact on operating budget
- ← Project's funding sources

Transportation Capital Projects	
<b>Pedestrian Improvement Project - Sidewalks</b>	
Construct new City sidewalks and associated infrastructure to expand the existing pedestrian system.	
<i>Approved: FY14</i>	<i>Expected Completion: Ongoing</i>
<i>Total Capital Cost</i>	Ongoing
<i>Total Operating Cost</i>	\$0
<i>Funding Source(s)</i>	Transfer from Gen Fund / Vehicle Fees

Transportation Capital Projects	
<b>Derita Road Improvements</b>	
Provide funding for roadway improvements on Derita Rd from Poplar Tent to Rocky River. Includes design, permitting, purchase of right-of-way, utility relocation, and construction of an improved roadway section with curb, gutter and sidewalks.	
<i>Approved: FY13</i>	<i>Expected Completion: FY20</i>
<i>Total Capital Cost</i>	\$20,000,000
<i>Total Operating Cost</i>	\$0
<i>Funding Source(s)</i>	NCDOT, Transportation Rsvs

Transportation Capital Projects	
<b>Sidewalk Improvements - Miramar Ph. 2</b>	
Construct new City sidewalks and associated infrastructure to expand the existing pedestrian system. Constructed in conjunction with the NE Subset.	
<i>Approved: FY14</i>	<i>Expected Completion: FY18</i>
<i>Total Capital Cost</i>	\$150,000
<i>Total Operating Cost</i>	\$0
<i>Funding Source(s)</i>	Transportation Funds

Transportation Capital Projects	
<b>Derita Road Widening</b>	
Provide funding for roadway improvements on Derita Rd from Poplar Tent to Concord Mills Blvd.	
<i>Approved: FY14</i>	<i>Expected Completion: FY20</i>
<i>Total Capital Cost</i>	\$3,855,000
<i>Total Operating Cost</i>	\$0
<i>Funding Source(s)</i>	Developer Contributions

Transportation Capital Projects	
<b>NE Subset Sidewalk Extension</b>	
Provide local funding match for CMAQ funds used to extend pedestrian facilities in the NE Quadrant of the City of Concord. This project will lessen congestion and mitigate current vehicle emission loading by providing an alternate to motor vehicle travel in the area.	
<i>Approved: FY14</i>	<i>Expected Completion: FY18</i>
<i>Total Capital Cost</i>	\$525,916
<i>Total Operating Cost</i>	\$0
<i>Funding Source(s)</i>	Trans Funds, CMAQ Grant

Transportation Capital Projects	
<b>Concord Mills Blvd Flyover</b>	
The construction of the Concord Mills Fly Over addresses the City Council goal to support Exit 49 economic development and congestion with City participation.	
<i>Approved: FY7</i>	<i>Expected Completion: FY19</i>
<i>Total Capital Cost</i>	\$1,500,000
<i>Total Operating Cost</i>	\$0
<i>Funding Source(s)</i>	Vehicle Fees

Transportation Capital Projects	
<b>CMAQ Poplar Tent/US 29</b>	
Provide local match for roadway improvements at and near the intersection of Poplar Tent Rd. and US Highway 29 using a Modified Superstreet design that will lessen congestion.	
<i>Approved: FY13</i>	<i>Expected Completion: FY18</i>
<i>Total Capital Cost</i>	\$1,459,626
<i>Total Operating Cost</i>	\$0
<i>Funding Source(s)</i>	Transportation Fund, Grants

Transportation Capital Projects	
<b>Traffic Management Center</b>	
Construction and installation of City of Concord Traffic Management Center and associated extension of fiber optic communication network(s)	
<i>Approved: FY15</i>	<i>Expected Completion: FY18</i>
<i>Total Capital Cost</i>	\$3,152,532
<i>Total Operating Cost</i>	\$0
<i>Funding Source(s)</i>	Capital Reserve, Vehicle Fees

**Transportation Capital Projects****Virginia Street SE Segment Improvement**

Re-construct the surface of Virginia St., SE from Corban Ave., SE to Louise Ave., SE, inside the platted public R/W and upgrade / renovate the facility to meet minimum City of Concord street standards with a Complete Streets typical section.

<i>Approved: FY14</i>	<i>Expected Completion: FY18</i>
Total Capital Cost	\$600,000
Total Operating Cost	\$0
Funding Source(s)	Transportation Funds

**Electric Capital Projects****Substation P Construction**

Provide an additional 44 KV substation that will be required to address the load growth in the City's SE quadrant.

<i>Approved: FY17</i>	<i>Expected Completion: FY19</i>
Total Capital Cost	\$2,500,000
Total Operating Cost	\$0
Funding Source(s)	Transfer from Electric

**Water Capital Projects****Coddle Creek Settling Basin Upgrades**

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

<i>Approved: FY17</i>	<i>Expected Completion: FY19</i>
Total Capital Cost	\$4,725,000
Total Operating Cost	\$0
Funding Source(s)	Transfer from Water

**Water Capital Projects****AMI Meter Conversion**

This project is a replacement of existing water meters with AMI (Advanced Metering Infrastructure) meters.

<i>Approved: FY14</i>	<i>Expected Completion: ongoing</i>
Total Capital Cost	\$5,000,000
Total Operating Cost	\$0
Funding Source(s)	Operating Revenue

**Water Capital Projects****Hillgrove WTP - Byproduct Reduction**

Conduct full scale testing, design, & construction of a chlorine dioxide system, upgrade of the flash mixing basin, design/construction of piping modifications and baffling in the clearwell, and design/construction of a powdered activated carbon feed.

<i>Approved: FY14</i>	<i>Expected Completion: Ongoing</i>
Total Capital Cost	\$1,675,000
Total Operating Cost	\$0
Funding Source(s)	Operating Revenue

**Water Capital Projects****Derita Road Waterline Replacement**

Realign the existing 16" waterline from Poplar Tent Road to Rocky River as part of the NCDOT TIP project.

<i>Approved: FY14</i>	<i>Expected Completion: FY20</i>
Total Capital Cost	\$750,000
Total Operating Cost	\$0
Funding Source(s)	Operating Revenue

**Electric Capital Projects****Solid State Relay Conversion - Substation C**

This project will convert the current relay protection package at Substation "C" to a new solid state package, and replace the 1969 model year transformer.

<i>Approved: FY16</i>	<i>Expected Completion: FY18</i>
Total Capital Cost	\$935,000
Total Operating Cost	\$0
Funding Source(s)	Transfer from Electric

**Electric Capital Projects****Smart Meter/Smart Grid**

This project is to replace the existing AMR metering system for electric with newer technology that will enhance our operational efficiency and provide better customer service for our customers.

<i>Approved: FY16</i>	<i>Expected Completion: FY18</i>
Total Capital Cost	\$7,121,500
Total Operating Cost	\$0
Funding Source(s)	Operating Revenue

**Water Capital Projects****Security Improvements at WTPs & Remote Sites**

This project is to fund security improvements at the water treatment plants and the remote sites including water storage tanks and booster pump stations.

<i>Approved: FY17</i>	<i>Expected Completion: FY18</i>
Total Capital Cost	\$100,000
Total Operating Cost	\$0
Funding Source(s)	Transfer from Water

**Water Capital Projects****US29 Bridge 16" Water main Replacement**

The water main relocation is associated with the replacement of the bridge over US Highway 29 at Rocky River.

<i>Approved: FY16</i>	<i>Expected Completion: FY18</i>
Total Capital Cost	\$300,000
Total Operating Cost	\$0
Funding Source(s)	Operating Revenue

**Water Capital Projects****Raw Waterline & Flow Meter for CCWTP**

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

<i>Approved: FY17</i>	<i>Expected Completion: FY18</i>
Total Capital Cost	\$1,190,000
Total Operating Cost	\$0
Funding Source(s)	Transfer from Water

**Stormwater Capital Projects****Chadborne Ave Culvert Replacement**

This culvert replacement and upsizing under Chadborne Avenue is to reduce flooding risk to neighborhood homes and replace aging infrastructure.

<i>Approved: FY15</i>	<i>Expected Completion: FY18</i>
Total Capital Cost	\$550,854
Total Operating Cost	\$0
Funding Source(s)	Operating Revenue

Stormwater Capital Projects	
<b>Channing Circle Culvert Replacement</b>	
This culvert replacement and upsizing under Channing Circle to reduce flooding risk to neighborhood homes and replace aging infrastructure.	
<i>Approved: FY15</i>	<i>Expected Completion: FY18</i>
<i>Total Capital Cost</i>	\$620,130
<i>Total Operating Cost</i>	\$0
<i>Funding Source(s)</i>	Operating Revenue

Stormwater Capital Projects	
<b>Wyoming Drive Culvert Replacements</b>	
This culvert replacement and upsizing under Wyoming Drive and Wyoming Drive/Grand Canyon is to reduce flooding risk to neighborhood homes and replace aging infrastructure.	
<i>Approved: FY14</i>	<i>Expected Completion: FY18</i>
<i>Total Capital Cost</i>	\$643,428
<i>Total Operating Cost</i>	\$0
<i>Funding Source(s)</i>	Operating Revenue

Stormwater Capital Projects	
<b>Hanover Circle Culvert Replacement</b>	
Culvert replacement and upsizing under Hanover Circle to reduce flooding risk to neighborhood homes.	
<i>Approved: FY16</i>	<i>Expected Completion: FY18</i>
<i>Total Capital Cost</i>	\$278,000
<i>Total Operating Cost</i>	\$0
<i>Funding Source</i>	Transfer from Stormwater

Wastewater Capital Projects	
<b>Accent Avenue Outfall</b>	
Outfall line to provide the availability of sewer service for property owners on Accent Avenue.	
<i>Approved: FY17</i>	<i>Expected Completion: FY18</i>
<i>Total Capital Cost</i>	\$590,000
<i>Total Operating Cost</i>	\$0
<i>Funding Source(s)</i>	Transfer from Wastewater

Parks & Recreation Capital Projects	
<b>McEachern Greenway- Cabarrus Avenue/Fink Phases</b>	
Harold B. McEachern Greenway Phase 3 is an approximately 1.5 mile segment that extends from McGee Park to Cabarrus Ave. This includes land acquisition and construction.	
<i>Approved: FY12</i>	<i>Expected Completion: FY18</i>
<i>Total Capital Cost</i>	\$3,069,491
<i>Total Operating Cost</i>	\$103,110
<i>Funding Source(s)</i>	P&R Capital Reserve, Operating Rev.

Parks & Recreation Capital Projects	
<b>Park Lighting Replacement Ph. 1</b>	
This project replaces existing field lights at Webb Field as well as field and tennis lights at Les Myers Park. This includes poles and lights on the athletic fields but lights only on the tennis courts.	
<i>Approved: FY12</i>	<i>Expected Completion: On Hold</i>
<i>Total Capital Cost</i>	\$601,000
<i>Total Operating Cost</i>	\$0
<i>Funding Source(s)</i>	Operating Revenue

Stormwater Capital Projects	
<b>Chelwood Drive Culvert Replacement</b>	
Culvert replacement and upsizing under Chelwood Drive is to reduce flooding risk to neighborhood homes.	
<i>Approved: FY16</i>	<i>Expected Completion: FY18</i>
<i>Total Capital Cost</i>	\$491,000
<i>Total Operating Cost</i>	\$0
<i>Funding Source(s)</i>	Transfer from Stormwater

Stormwater Capital Projects	
<b>Stream Restoration Project</b>	
Construction of detention ponds and stream restoration work to improve water quality in Stricker Branch.	
<i>Approved: FY08</i>	<i>Expected Completion: TBD</i>
<i>Total Capital Cost</i>	\$2,028,502
<i>Total Operating Cost</i>	\$0
<i>Funding Source(s)</i>	Transfer from Stormwater

Wastewater Capital Projects	
<b>Province Green Pump Station Elimination</b>	
This project includes installation of approximately 2,900LF of gravity sewer main and abandonment of a pump station to eliminate the Province Green pump station..	
<i>Approved: FY16</i>	<i>Expected Completion: TBD</i>
<i>Total Capital Cost</i>	\$990,000
<i>Total Operating Cost</i>	\$0
<i>Funding Source(s)</i>	Operating Revenue

Wastewater Capital Projects	
<b>Laurel Park Pump Station Elimination</b>	
This project includes installation of approximately 1,200LF of gravity sewer and abandonment of a pump station to eliminate the Laurel Park pump station.	
<i>Approved: FY17</i>	<i>Expected Completion: FY18</i>
<i>Total Capital Cost</i>	\$500,000
<i>Total Operating Cost</i>	\$0
<i>Funding Source(s)</i>	Operating Revenue

Parks & Recreation Capital Projects	
<b>Hector H. Henry II Greenway - Airport Phase</b>	
1.3 mile segment from Deride Road to the Weddington Road Bark Park.	
<i>Approved: FY17</i>	<i>Expected Completion: TBD</i>
<i>Total Capital Cost</i>	\$2,205,000
<i>Total Operating Cost</i>	\$98,200
<i>Funding Source(s)</i>	Capital Reserve Grants, Op Rev

# 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 2<sup>nd</sup> year of the CIP.
  - *Year 3* – Amount of funding requested for the 3<sup>rd</sup> year of the CIP.
  - *Year 4* – Amount of funding requested for the 4<sup>th</sup> year of the CIP.
  - *Year 5* – Amount of funding requested for the 5<sup>th</sup> 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 involves major renovations or expansions or the construction of buildings?

*History, Status, or Impact if Delayed* – Briefly state:

- background when the CIP request first appeared on the approved CIP (refer to CIP projects listed in the City's official budget document)
- if there have been any changes to costs or scope of the project since the first submission of the CIP request
- if the CIP request relates to any other CIP project,
- the current status of the project (for CIP projects that have been approved only in stages, not in entirety). What stages of the project have been completed? What stages remain? And,
- the impact if the capital item is cancelled or delayed.

*Justification or Link to City Goals* – Briefly state:

- the capital item's demonstrated need. If the demonstrated need is in the form of a legal mandate, state the timeline the mandate must be implemented. In justifying the item, use of research

- studies/reports, statistics, and/or performance measurement and benchmarking information is preferred, and
- if the project is linked to any planning documents or statements.

### **Section 3: Capital Costs**

- In the corresponding fiscal year, type the estimated costs associated with the type of expenditure activity.
- If the capital item is planned to be started within the 5-year CIP window, but the total costs and project completion will not be carried out within the 5-years, type the remaining costs required to complete the item in the "Future \$\$" column. For example: if a \$100,000 project is planned to begin in year 5 and \$25,000 is spent in year 5, the remaining costs should be entered as \$75,000 in the "Future \$\$" column.

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

- In the corresponding fiscal year, type any new or additional operating budget costs that would be incurred with the capital request. Items that should be included are new employees needed to operate new equipment, new professional or consulting services needed to operate the capital item, additional materials and supplies needed to operate the capital item, and maintenance and fuel for the capital item.
- Each future year cost should be calculated with a 3.5% inflation factor.

**The system will automatically calculate cost totals for this section.**

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

- Select the Funding Source for the capital project (refer to the CIP policy for available funding options and consult the Finance Department if necessary) and the amount of revenue needed in the corresponding fiscal year.
- If the capital item is not planned to be completed within the 5-year CIP, type the remaining revenue – in the "Future \$\$" column – required to complete the capital item.
- NOTE:** Revenues should equal expenditures for each fiscal year and for the entire capital item as a whole.
- NOTE:** If a CIP request also incurs operating expenses, be sure to identify the non-debt method (refer to CIP policy) that will cover the operating expenses.

### **Section 6: Maps / Charts / Tables / Pictures**

- Upload any available items that aid in describing the capital item and/or its location within the city. Charts may also be used to better convey the demonstrated need.

### **Section 7: Comments for Other Depts.**

- This section has been added for you to add any comments you may have for other departments related to this project. Use it to alert other departments where their work may be needed for project completion.
- Place any notes for Legal here, including the type of estate (Fee Simple, Easement, etc) and a description of property needs (acreage, location, etc).

**Please use the following format when creating each CIP request:**

**CIP Number: CIP-[budget unit]-[request year]-[priority #]**

**Title: Description of the Project**

**All CIPs are to be added to the budget system before the scheduled budget review meeting.**

Section 1		CIP Title					Budget Unit #	
Budget Unit		Functional Area				Priority Rank		
Total CIP Cost	Total Appropriations to date	Budget Year 1 FY2017-18	Unappropriated Subsequent Years				Total Requested Funds	Type of Project <input type="checkbox"/> New <input type="checkbox"/> Expansion <input type="checkbox"/> Replacement <input type="checkbox"/> Renovation <input type="checkbox"/> Land/ROW Acq. Required
			Year 2 FY2018-19	Year 3 FY2019-20	Year 4 FY2020-21	Year 5 FY2021-22		

**Section 2** Description

History, Status, or Impact if Delayed

Justification or Link to City Goals

**Section 3** Capital Costs

Activity	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	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							
<b>Total Capital Cost</b>	-	-	-	-	-	-	-

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

Type of Expenditure	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future\$\$	Total
<b>Total</b>	-	-	-	-	-	-	-

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

Funding Sources(s)	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Future\$\$	Total
<b>Total</b>	-	-	-	-	-	-	-

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

# Glossary of Capital Improvement Plan Terms & Common Acronyms

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**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.

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**COMMON BUDGET & PERFORMANCE  
MEASUREMENT ACRONYMS**

**CDBG** = Community Development Block Grant

**CIP** = Capital Improvement Plan

**COPS** = Certificates of Participation

**FTE** = Full-time Equivalent

**FY** = Fiscal Year

**GAAP** = Generally Accepted Accounting Principles

**GASB** = Governmental Accounting Standards Board

**GFOA** = Government Finance Officers Association

**GO Bonds** = General Obligation Bonds

**MPO** = Metropolitan Planning Organization

**NCGS** = North Carolina General Statute

**PIP** = Pedestrian Improvement Plan

**PM** = Performance Measurement

**ROW** = Right-of-Way

**WSACC** = Water & Sewer Authority of Cabarrus County