

CITY OF CHATTANOOGA

CAPITAL BUDGET

2019-2023





Introduction

The FY 2019-2023 Capital Improvement Plan (CIP) shows the City of Chattanooga's five-year plan for physical improvements throughout Chattanooga, as well as internal projects that improve the provision of services to residents. The first year of the CIP is the fiscally-constrained capital budget, whereas the successive years are a roadmap for future action. Funding for capital projects—defined as projects costing more than \$25,000 and with a useful life of greater than one year—is requested annually by departments alongside the BFO process. Capital requests are reviewed and collaboratively prioritized by the 17 members of the CIP Committee, an interdisciplinary team of department administrators and designees. The CIP process encourages strategic thinking about the City's current and future capital needs and priorities, and requires collaboration and focus in order to reach a fiscally sustainable program of projects. The below strategies represent highlights of the next five years.

FY 2019 Highlights – Capital Budget

- Complete cleanup of Lupton City's former mill site, improving quality of life for Lupton City residents
- Rehabilitation and enhancement of the Walnut Street Bridge to preserve for future generations
- Continued significant funding -- \$5,000,000-- for paving and major road/bridge repair
- Creation of a Neighborhood Reinvestment Fund to make targeted investments in neighborhood infrastructure and commercial areas
- Creation of an Affordable Housing Trust Fund to aid the creation of affordable and workforce housing throughout Chattanooga
- Funding to complete the South Chickamauga Creek Greenway, a 12-mile greenway corridor linking East Ridge to the Riverwalk through multiple Chattanooga neighborhoods
- Improvements to Washington Hills YFD Center to help create opportunities for learning and engagement in Washington Hills neighborhood
- Significant investment in replacement of fire apparatus
- Transportation focus on connectivity and improving system safety and efficiency
- Upgrades to fund new laptops, self-service kiosks and charging stations at all 18 YFD Centers.

FY 2020-2023 Highlights – Roadmap for Future Action

- Continued funding of existing infrastructure, facilities, and equipment vital to service delivery and citizen experience
- Addition of new parks and greenways to continue efforts to connect all of Chattanooga to outdoor opportunities
- Ongoing public improvements to leverage private investment around the airport, on the 3rd/4th Street corridor, in the Innovation District, and in the South Broad neighborhood.
- Continued funding of CARTA's capital needs
- Continued annual funding of major renovations or expansions of YFD Centers to continue modernizing these community hubs as places for students and families to learn and grow

Governmental Projects

The below projects are funded through a combination of governmental funds such as City tax revenues, grants, general obligation bonds, and internal service funds. Project descriptions are included for FY 2019 projects, and a list of future year projects are shown at the end of each results area.

Growing Economy

3rd / 4th Street Infrastructure

This project will transform the 3rd and 4th Street area from Georgia Ave. to Hampton St. into a well-connected grid of 2-way streets with at-grade intersections, and will change Riverfront Parkway from a high speed highway into an urban boulevard with calmed traffic and pedestrian/bicycle facilities.

Project Name	Proposed FY 2019	Proposed FY 2020	Proposed FY 2021	Proposed FY 2022	Proposed FY 2023	CIP Total
3rd / 4th Street Infrastructure	7,000,000	7,400,000	912,000	0	0	15,312,000

3rd / 4th Street Master Plan

This project will fund a master plan to help direct the transformation of the 3rd and 4th Street corridors.

Project Name	Proposed FY 2019	Proposed FY 2020	Proposed FY 2021	Proposed FY 2022	Proposed FY 2023	CIP Total
3rd / 4th Street Master Plan	60,000	0	0	0	0	60,000

8th Street Shared Space

This project is complete. The budgetary ask is to correct the budget authority and account for the grant agreement with a private 3rd party. Details of the project include 8th Street from Pine to Chestnut will be converted from a curb and gutter street to a shared space with pavers across the width of the right-of-way, and traffic calming effects that will make traversing the street safe for people walking and biking. The project is in response to mixed-use development plans designed to revitalize this corner of downtown.

Project Name	Proposed FY 2019	Proposed FY 2020	Proposed FY 2021	Proposed FY 2022	Proposed FY 2023	CIP Total
8th Street Shared Space	140,000	0	0	0	0	140,000

Airport District Master Plan

As the Chattanooga Metropolitan Airport continues to break records in commercial air traffic, smart growth land use planning will help to ensure that the area in the vicinity of the airport will be able to safely and effectively accommodate the needs of future airport tenants and users as well as nearby businesses and residents. By laying the ground work for complementary land uses, an airport area master plan will instill confidence in private investors, ensure that public capital projects advance airport growth, and curtail any potential negative side effects that would arise out of such growth (noise, traffic, safety).

Project Name	Proposed FY 2019	Proposed FY 2020	Proposed FY 2021	Proposed FY 2022	Proposed FY 2023	CIP Total
Airport Area Master Plan	150,000	0	0	0	0	150,000

Alley Program

Fund a green alley program, which will implement a suite of alley construction and improvement techniques that will more efficiently manage storm water and increase connectivity within neighborhoods. Successfully implemented examples are Virginia Avenue, Station Street and Johnson Street.

Project Name	Proposed FY 2019	Proposed FY 2020	Proposed FY 2021	Proposed FY 2022	Proposed FY 2023	CIP Total
Alley Program	250,000	250,000	350,000	450,000	500,000	1,800,000

CARTA Technology Projects

Through work with an ITS consultant, CARTA has completed a comprehensive planning report giving background information on Mobility as a Service (MaaS) and an analysis of what companies are currently operating in the marketplace. The report also outlined a phased approach to achieving CARTA's larger MaaS vision. Phase I was identified as transitioning CARTA's existing Dial-A-Ride neighborhood routes into microtransit routes, utilizing real-time scheduling as well as a mobile ticketing component for CARTA's services. During the time that the planning report was completed, CARTA received unsolicited proposals for a low-cost microtransit deployment pilot project that would test the real time scheduling component of the identified Phase I projects. CARTA has awarded a pilot partnership that will take place over the next 12 months. CARTA has requested funding through TDOT's IMPROVE Act grant for its Mobility as a Service Phase I project, which includes the implementation of mobile ticketing for CARTA's services, a microtransit technology project outside of the pilot period, and integration of microtransit and mobile ticketing with the city of Chattanooga's Advanced Traffic Management System (ATMS). The IMPROVE Act grant program has a 75% state funds/25% local funds match. The IMPROVE Act projects are a part of this line item and the vehicles/equipment project. This project also includes the purchase of computers and other administrative hardware (printers, monitors, etc.) to replace machines that are past their useful life. These projects are part of CARTA's capital projects funded by the Federal Transit Administration at 80%, with 10% historically coming from the City of Chattanooga and 10% coming from TDOT.

Project Name	Proposed FY 2019	Proposed FY 2020	Proposed FY 2021	Proposed FY 2022	Proposed FY 2023	CIP Total
CARTA Technology Projects	156,250	28,050	28,611	29,183	29,767	271,861

CARTA Vehicles/Equipment Projects

This project is for the replacement of five electric shuttle vehicles and the purchase of five smaller cutaway vehicles for use in CARTA's microtransit/neighborhood service. This particular application includes a federal share of 61%, with 29% coming from TDOT Multimodal Resources and 10% requested from the city of Chattanooga. CARTA has also applied for funding under TDOT's IMPROVE Act grant program for the purchase of smaller vehicles to be used for CARTA's Phase I Mobility as a Service program (microtransit vehicles). The IMPROVE Act grant program has a 75% state funds/25% local funds match. Microtransit vehicles are typically 12-15 passenger vehicles. Please see attached PowerPoint from CARTA's microtransit partner for a picture of an example vehicle. These vehicles typically have a useful life of 7 years. CARTA intends to purchase low floor microtransit vehicles in order to ease the boarding of customers, including wheelchair passengers, as well as provide a smoother riding experience. Replacement of these vehicles will ensure that CARTA continues to provide efficient, cost-effective service to the public. In addition to vehicle replacements, this project also includes the purchase of security cameras and shop equipment for use within CARTA's system. These projects are funded through CARTA's Federal Transit Administration Section 5307/5339 formula funds that are also matched by TDOT.

Project Name	Proposed FY 2019	Proposed FY 2020	Proposed FY 2021	Proposed FY 2022	Proposed FY 2023	CIP Total
CARTA Vehicles/Equipment Projects	391,914	325,029	331,530	338,160	344,923	1,731,566

Digital Videoboard

\$700,000 project to replace scoreboard/videoboard at Finley Stadium with modern digital technology to help UTC and others remain competitive.

Project Name	Proposed FY 2019	Proposed FY 2020	Proposed FY 2021	Proposed FY 2022	Proposed FY 2023	CIP Total
Digital Videoboard	150,000	150,000	0	0	0	300,000

ECD Public Arts – 1% Arts Boost

This project provides an amount equal to one percent of the total general obligation bond amount included in the Capital Improvement Budget for construction costs each fiscal year to be allocated to incorporate art into the building of public spaces.

Project Name	Proposed FY 2019	Proposed FY 2020	Proposed FY 2021	Proposed FY 2022	Proposed FY 2023	CIP Total
ECD Public Arts – 1% Arts Boost	150,000	150,000	150,000	150,000	150,000	750,000

Goodwin Road Segment 4

This project coordinates with TDOT's interchange project at Hamilton Place Boulevard at I-75. This project will improve the off ramp at Hamilton Place Boulevard.

Project Name	Proposed FY 2019	Proposed FY 2020	Proposed FY 2021	Proposed FY 2022	Proposed FY 2023	CIP Total
Goodwin Road Segment 4	1,182,000	2,204,000	2,704,000	0	0	6,090,000

Holmberg Bridge Lighting and Access Improvements

With the replacement of the glass panels with the stainless steel panels, the underlighting of the existing bridge does not provide enough light being emitted from below. A new lighting system is required to illuminate the walking surface, by installing lights under the handrail shining down. In addition, changes need to be made to the western end of the bridge for the stair risers as well.

Project Name	Proposed FY 2019	Proposed FY 2020	Proposed FY 2021	Proposed FY 2022	Proposed FY 2023	CIP Total
Holmberg Bridge Lighting and Access Improvements	500,000	0	0	0	0	500,000

Miller Park District

External funding for the completion of Miller Park.

Project Name	Proposed FY 2019	Proposed FY 2020	Proposed FY 2021	Proposed FY 2022	Proposed FY 2023	CIP Total
Miller Park District	6,300,000	0	0	0	0	6,300,000

Patten Parkway

Phase 2 of the Miller Park District Connectivity Plan is the Renovation of Patten Parkway into a space that can be used as Festival Space, where the street can be closed and the entire space between Georgia Avenue and Lindsay Street can be utilized for Outdoor Festival Space. This project is also to be built in conjunction with the Patten Parkway Storage Detention Drainage Facility, to provide underground storage to remove approximately 15 drainage acres out of the Combined Sewer System, to alleviate illicit discharges at the intersection of 8th and Market during heavy storms. Both projects combined as one project gain cost savings based on the magnitude of the project. Funding shown does not reflect required external fundraising or existing fund balance.

Project Name	Proposed FY 2019	Proposed FY 2020	Proposed FY 2021	Proposed FY 2022	Proposed FY 2023	CIP Total
Patten Parkway	1,150,000	2,000,000	0	0	0	3,150,000

Phase I First Street Steps

The Scramble at 1st Street takes advantage of the dramatic incline of the streetscape to create a sculpted interactive space while repurposing the existing funicular infrastructure as an innovative stormwater collection and filtration system. The Scramble is envisioned as streetscape that one can explore by moving through a sculpted space including an urban rock scramble and a climbing wall. Within the streetscape there are also several contemplative seating areas where flowing water can be heard moving through the space and dropping into the stormwater vaults below. The sculpted elements within the project utilize local stone, intricate cast concrete details and niches of lighting in the evening – visually reinforcing the connectivity of 1st Street during the day and night. Phase I will fund work within the existing pedestrian area west of 1st Street.

Project Name	Proposed FY 2019	Proposed FY 2020	Proposed FY 2021	Proposed FY 2022	Proposed FY 2023	CIP Total
Phase I First Street Steps	800,000	0	0	0	0	0

Sculpture Fields Restrooms for City Park

Additional restroom facilities are needed at Sculpture Fields to accommodate visitors.

Project Name	Proposed FY 2019	Proposed FY 2020	Proposed FY 2021	Proposed FY 2022	Proposed FY 2023	CIP Total
Sculpture Fields Restrooms for City Park	75,000	0	0	0	0	75,000

Shepherd Road Enhancement (Hwy 153 to Airport)

This project will create a streetscape Gateway to the airport. It will include vegetation strips and pedestrian/bike pathways. The City is committed to completing the design completed by the CHA Airport.

Project Name	Proposed FY 2019	Proposed FY 2020	Proposed FY 2021	Proposed FY 2022	Proposed FY 2023	CIP Total
Shepherd Road Enhancement (Hwy 153 to Airport)	773,000	0	0	0	0	773,000

Street Improvements (Paving) (P20201)

CDOT monitors the condition of the City streets based on the Pavement Condition Index (PCI); that rating system along with the connectivity of the street and its use allows the department to prioritize these dollars. These funds are transferred from the operating budget. Paving, micro surfacing, crack seal, seal coat and resurfacing improvements for local roads.

Project Name	Proposed FY 2019	Proposed FY 2020	Proposed FY 2021	Proposed FY 2022	Proposed FY 2023	CIP Total
Street Improvements (Paving) (P20201)	3,500,000	3,618,750	4,051,688	4,254,272	4,466,986	19,891,696

Streetscape – Transportation Enhancement Initiative

TEI funds are used to partner with nonprofit groups, other governmental entities, and private development groups to create streetscapes that encourage pedestrian/bicycle use, calm traffic, and create sense of place to encourage economic and social vitality in neighborhood and town centers.

Project Name	Proposed FY 2019	Proposed FY 2020	Proposed FY 2021	Proposed FY 2022	Proposed FY 2023	CIP Total
Streetscape – Transportation Enhancement Initiative	100,000	100,000	100,000	100,000	100,000	500,000

TIP Paving (P20214)

This project is in the FY 2017 - 2020 Transportation Improvement Program (TIP), a regional plan that programs federal funds received in the City, allowing the use of federal funds (with a local match) to implement resurfacing of various streets in Chattanooga (CHATT3R1720). Paving of primary corridors.

Project Name	Proposed FY 2019	Proposed FY 2020	Proposed FY 2021	Proposed FY 2022	Proposed FY 2023	CIP Total
TIP Paving (P20214)	1,200,000	240,000	264,000	290,400	319,440	2,313,840

Transit Network Redesign

For possible city match for consulting services to do a system-wide redesign to optimize ridership.

Project Name	Proposed FY 2019	Proposed FY 2020	Proposed FY 2021	Proposed FY 2022	Proposed FY 2023	CIP Total
Transit Network Redesign	30,000	0	0	0	0	30,000

Walnut Street Bridge Light System

"Ripples of Light" by Moment Factory is an architectural and data responsive lighting design that responds to pedestrian activity on the bridge and the flow of the TN River below the bridge to create subtle color variations and ripples of light. Artistic lighting design elements include: pier grazers, heart wash lighting, pendant lighting, beacon fixtures, entrance lighting, interior vertical grazers, exterior vertical grazers and edge grazers to highlight the historic architecture of the bridge. The artistic lighting project includes expenses related to the artistic lighting fixtures and their installation, smart data, prototyping, creative services, technical services and fees.

Project Name	Proposed FY 2019	Proposed FY 2020	Proposed FY 2021	Proposed FY 2022	Proposed FY 2023	CIP Total
Walnut Street Bridge Light System	4,050,000	0	0	0	0	4,050,000

Walnut Street Bridge Rehabilitation (Light System Separate)

Continuation of the multi-year rehabilitation of the iconic Walnut Street Bridge, addressing priority repair items identified in the 2015 inspection of the bridge, and preserving the bridge for future generations. FY 2018 funds will allow for replacement of the wood decking, performance of below water repairs, and sandblasting and repainting the entire bridge to prevent degradation. Funding includes \$5.6 million in federal Surface Transportation Block Grant funds. FY 2019 work will address additional repair items, as well as replace the bridge lighting system.

Project Name	Proposed FY 2019	Proposed FY 2020	Proposed FY 2021	Proposed FY 2022	Proposed FY 2023	CIP Total
Walnut Street Bridge Rehabilitation (Light System Separate)	5,000,000	0	1,000,000	0	0	6,000,000

YFD/Orange Grove Fitness Collaboration

This project will fund a study to examine the possibility of locating a fitness facility at Orange Grove that would function as a partnership between YFD and Orange Grove.

Project Name	Proposed FY 2019	Proposed FY 2020	Proposed FY 2021	Proposed FY 2022	Proposed FY 2023	CIP Total
YFD/Orange Grove Fitness Collaboration	50,000	1,500,000	0	0	0	1,550,000

Growing Economy

Proposed Future Year Projects

- Airport Area Road Improvements
- CARTA Facilities Projects
- CARTA Transportation Infrastructure Projects
- Central Avenue
- Golf Course Improvements
- Innovation District Plan Implementation
- Multiple Corridor Improvements
- Multiple Corridor Improvements: Brown Ferry
- Multiple Corridors
- Passenger Rail
- Pinehurst Avenue, Airport to Jersey
- Transit Improvements
- Walnut St Plaza



Stronger Neighborhoods

Affordable Housing Trust Fund

A fund that will be used exclusively to aid the creation of affordable and workforce housing throughout Chattanooga. These funds will be used to supplement federal funding, various tax incentives, and special grants utilized by the City of Chattanooga and its private sector partners to promote affordable, high-quality housing.

Project Name	Proposed FY 2019	Proposed FY 2020	Proposed FY 2021	Proposed FY 2022	Proposed FY 2023	CIP Total
Affordable Housing Trust Fund	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	5,000,000

Bridge Repair / Replace

This project is in the FY 2017 - 2020 Transportation Improvement Program (TIP), a regional plan that programs federal funds received in the City. It allows federal funds (with a local match) to implement bridge maintenance. (CHATTBRIDGE). The FY 2019 ask will allow the required match to make corrections to the Standifer Gap Road bridge, which has been closed since October 2016.

Project Name	Proposed FY 2019	Proposed FY 2020	Proposed FY 2021	Proposed FY 2022	Proposed FY 2023	CIP Total
Bridge Repair / Replace	900,000	515,000	0	0	0	1,415,000

Caine Lane Greenway Connector, North

This project is in the FY 2017 - 2020 Transportation Improvement Program (TIP), a regional plan that programs federal funds received in the City. CDOT received a federal grant to implement the construction of this project and the total project cost is \$855K. This phase will extend the greenway from Cromwell to Shallowford Road.

Project Name	Proposed FY 2019	Proposed FY 2020	Proposed FY 2021	Proposed FY 2022	Proposed FY 2023	CIP Total
Caine Lane Greenway Connector, North	411,247	0	0	0	0	411,247

Caine Lane Greenway Connector, South

This project is existing. The FY 2019 budgetary need will allow the City to implement the project and the budget request cannot be reduced nor delayed. This project will connect to the Caine Lane Greenway Connector along Shallowford Road at Airport Road to Bonnieway Drive.

Project Name	Proposed FY 2019	Proposed FY 2020	Proposed FY 2021	Proposed FY 2022	Proposed FY 2023	CIP Total
Caine Lane Greenway Connector, South	875,000	0	0	0	0	875,000

CDBG Sidewalk

Construction of sidewalks in designated low-income neighborhoods where pedestrian travel is necessary for many residents. The external amount is a planning number and is based upon the total federal allocation of CDBG funds to the City of Chattanooga and distribution of funds across their multiple uses.

Project Name	Proposed FY 2019	Proposed FY 2020	Proposed FY 2021	Proposed FY 2022	Proposed FY 2023	CIP Total
CDBG Sidewalk	300,000	300,000	300,000	300,000	300,000	1,500,000

Complete Streets on 26th (Market to Wheland Site, no median)

As part of its efforts to implement the 2018 South Broad Street Plan, the City will upgrade 26th Street with traffic calming measures and improved sidewalks between Market Street and Chestnut Street. These improvements will make the street more conducive to pedestrian activity, as well as reinforce the Southside neighborhood's connections to its two principal traffic corridors, Market Street and Broad street.

Project Name	Proposed FY 2019	Proposed FY 2020	Proposed FY 2021	Proposed FY 2022	Proposed FY 2023	CIP Total
Complete Streets on 26th (Market to Wheland Site, no median)	1,250,000	0	0	0	0	1,250,000

East Lake Park Improvements

East Lake Park was the first park in Chattanooga built in 1896. This historic park features a lake, playground, pavilion, and trail. While the park hasn't received any significant improvements over the past 30 years, the Water Quality Division is currently partnering with the Lyndhurst Foundation to make \$800k worth of enhancements to improve the pond. Through this project, several park recommendations were made from the community. We seek to implement such improvements to increase the vitality of the park. The project was funded \$500K in FY18, however this is insufficient funds to cover all the elements requested from the Community. In order to finish the enhancements OCOS is requesting additional funds to add a boat launch, interactive signs and trail re-design.

Project Name	Proposed FY 2019	Proposed FY 2020	Proposed FY 2021	Proposed FY 2022	Proposed FY 2023	CIP Total
East Lake Park Improvements	100,000	0	0	0	0	100,000

Greenway Farm Conference Center Replacement

Design phase funded in FY18, these funds will be used for construction of the new facility. Original request was \$500,000. The Greenway Farm conference center was originally a residence for the property owner but is being used for rental and office space. The current building has severe structural damage due to the foundation failing and environmental concerns such as mold and asbestos. The large wood deck shows signs of rot and wear. The anticipated repair costs just to make the facility safe for use are estimated to be very high. These facilities are used on a weekly basis by rental parties, community groups, and staff from several departments. The most practical direction is to demolish the existing building and construct a new one in a more suitable location farther from the creek. The new building would be modern, simple, durable and efficient and would be designed to support current activities and additional programming. An April 2016 cost estimate for repairs to foundation, mold/asbestos abatement, and interior repairs totaled \$228,792, which does not include site drainage work that should be performed to relieve pressure on foundation.

Project Name	Proposed FY 2019	Proposed FY 2020	Proposed FY 2021	Proposed FY 2022	Proposed FY 2023	CIP Total
Greenway Farm Conference Center Replacement	750,000	0	0	0	0	750,000

Harris Johnson Park Redesign and Renovation

The City will design and implement significant upgrades to Harris Johnson Park to increase its attractiveness as an amenity for both the Southside neighborhood and the Howard High School community. This project will complement the anticipated streetscape improvements along Market St and 26th St, as well as the anticipated School District investment in Howard High School.

Project Name	Proposed FY 2019	Proposed FY 2020	Proposed FY 2021	Proposed FY 2022	Proposed FY 2023	CIP Total
Harris Johnson Park Redesign and Renovation	100,000	0	0	0	0	100,000

Heritage Park Playground

Typically, this capital fund has been used for playground replacements/improvements, park building & restroom improvements/additions, and field & related facility work needed at Youth Association complexes around town. For FY19, the priority for this fund will be focus on Heritage Park. Heritage Park is a well-used park in a densely populated part of the City with very few options for parks. While Heritage Park is a large park, it serves a larger area of citizen than it can sometime handle. Because of the amount of daily activity and age, it is highly recommended that the playground be replaced at this location. With that being said, the City has already been approached by outside partners including Playcore/Gametime about doing a fully inclusive playground project similar to what was recently built at Warner Park. Due to the size and scope of this playground, several other items and amenities should be addressed at this site. Additional restrooms, parking, and maintenance area will need to also be addressed with this project. There is an expectation of external funds to become available to make this project come to fruition.

Project Name	Proposed FY 2019	Proposed FY 2020	Proposed FY 2021	Proposed FY 2022	Proposed FY 2023	CIP Total
Heritage Park Playground	400,000	0	0	0	0	400,000

Lupton City Cleanup

The City is currently discussing future utilization of this site, before proceeding with final plans for the cleanup and covering of the site. Environmental investigation work is continuing for the best use of the site and which areas are recommended to spread the existing debris and the amount of cover to be required.

Project Name	Proposed FY 2019	Proposed FY 2020	Proposed FY 2021	Proposed FY 2022	Proposed FY 2023	CIP Total
Lupton City Cleanup	250,000	0	0	0	0	250,000

Lynnbrook Park

The Trust for Public Land in partnership with the City Chattanooga, received an Our Town grant in the amount of \$50,000 to work with a broad range of stakeholders, including local students, residents, community organizations, and artist groups to actively engage the community in the redevelopment of the Lynnbrook Park. Lynnbrook Park will be a new 1.4-acre public park that serves over 2,500 people within a 10-minute-walk in a high-need, diverse Oak Grove neighborhood in Chattanooga, Tennessee. Specific activities shall include community design outreach and workshops, a concept plan for Lynnbrook Park, and public arts implementation. The grant funds must be expended by July 2018, and in order to not lose momentum on the project, OCOS is request funds to begin the design phase of the project for FY19.

Project Name	Proposed FY 2019	Proposed FY 2020	Proposed FY 2021	Proposed FY 2022	Proposed FY 2023	CIP Total
Lynnbrook Park	100,000	1,000,000	0	0	0	1,100,000

Midtown Pathway

CDOT received a Transportation Alternatives Program (TAP) grant from the Federal Highway Administration administered through the Tennessee Department of Transportation for the construction of a bicycle and pedestrian facility from Pisgah Avenue to Greenway Drive (Midtown Pathway). The grant is only for construction. Environmental clearance, design, and ROW costs will be covered with local capital funds. The project will implement pedestrian and bicycle facilities along the north and south side of Brainerd Road at Pisgah Avenue Spring Road on the north continuing on the south to Greenway View Drive terminating at the South Chickamauga Greenway.

Project Name	Proposed FY 2019	Proposed FY 2020	Proposed FY 2021	Proposed FY 2022	Proposed FY 2023	CIP Total
Midtown Pathway	150,000	467,151	0	0	0	617,151

Neighborhood Reinvestment Fund

The Neighborhood Reinvestment Fund (NRF) is a new initiative of the Department of Economic and Community Development, the Regional Planning Agency, and the Office of Mayor Andy Berke. The intent of the NRF is to make targeted, small-scale investments in neighborhoods across the City, guided by adopted Regional Planning Agency plans and the guidelines of the Building Neighborhood Business Districts Program.

Project Name	Proposed FY 2019	Proposed FY 2020	Proposed FY 2021	Proposed FY 2022	Proposed FY 2023	CIP Total
Neighborhood Reinvestment Fund	1,000,000	1,500,000	2,000,000	2,000,000	2,000,000	8,500,000

Parks and Greenways Master Plan

This plan will be a comprehensive visioning document for future park and greenway development in line with our community's desires, protecting our natural resources, and growing the economy. The report shall examine a comprehensive inventory of all existing public lands and greenway corridors within the County including City parks, other public lands, trails, park facilities, amenities, and key programming opportunities. The consultant will be tasked with assessing community needs through surveys, workshops or other community engagement tools. The report will explore access and determine gaps to existing resources, as well as determine needs for additional parks, greenways and open spaces.

Project Name	Proposed FY 2019	Proposed FY 2020	Proposed FY 2021	Proposed FY 2022	Proposed FY 2023	CIP Total
Parks and Greenways Master Plan	200,000	0	0	0	0	200,000

Riverwalk

This is overmatch for our project that is in Design Phase. It connects with all of the South Chickamauga Creek Greenway projects to form a continuous connected off-street path from South Chattanooga to Camp Jordan and is scheduled to be completed by Spring 2019.

Project Name	Proposed FY 2019	Proposed FY 2020	Proposed FY 2021	Proposed FY 2022	Proposed FY 2023	CIP Total
Riverwalk	136,000	0	0	0	0	136,000

Roadway Base Failure (P20216)

This project will allow the department to respond to major base failures throughout the City and will be used in coordination with the repaving funding from local capital. The scope of the project to be addressed with this project will be for a capital on-call contractor to address and not something to be fixed by operating crew. The earlier a base failure can be repaired, the better for the asset so the problem does not further deteriorate.

Project Name	Proposed FY 2019	Proposed FY 2020	Proposed FY 2021	Proposed FY 2022	Proposed FY 2023	CIP Total
Roadway Base Failure (P20216)	200,000	300,000	250,000	250,000	250,000	1,250,000

Roadway Slope Failure

These funds are utilized to address slope failures throughout the City. The existing balance is going toward the correction of Grenada Slope Failure.

Project Name	Proposed FY 2019	Proposed FY 2020	Proposed FY 2021	Proposed FY 2022	Proposed FY 2023	CIP Total
Roadway Slope Failure	150,000	300,000	250,000	200,000	200,000	1,100,000

Sidewalks

Pedestrian activity is a bellweather for the department's success; this project installs new sidewalks and fills gaps in sidewalks to allow safe mobility by any user and to help encourage active public space and engagement of commercial and residential areas ensuring healthy residents and visitors while encouraging a vibrant economy.

Project Name	Proposed FY 2019	Proposed FY 2020	Proposed FY 2021	Proposed FY 2022	Proposed FY 2023	CIP Total
Sidewalks	820,000	1,210,000	1,331,000	1,464,000	1,610,400	6,435,400

South Chattanooga Creek Greenway

The City currently has a contract with BrightBridge to manage a Brownfield Agreement, to develop plans to install a cap over a linear contaminated site adjacent to the Chattanooga Creek between Workman Road and 38th Street in the Alton Park area of the City. This site has also previously been identified on the TPL map for future Greenways. Once the cap is placed a new greenway can be developed. Currently the City has an agreement with Wright Brothers Construction to stockpile clean soil material at the 36th Street Landfill in anticipation of using this material to provide the necessary cover material.

Project Name	Proposed FY 2019	Proposed FY 2020	Proposed FY 2021	Proposed FY 2022	Proposed FY 2023	CIP Total
South Chattanooga Creek Greenway	100,000	200,000	0	0	0	300,000

South Chickamauga Greenway Connector – Youngstown

This project is in the FY 2017 - 2020 Transportation Improvement Program (TIP), a regional plan that programs federal funds received in the City. CDOT received a federal grant for project implementation (SCHICKGREENWAY). Along with the South Chickamauga Greenway Connector at Caine and Shallowford, this extension completes the greenway connection from Camp Jordan to the Tennessee Riverwalk. The total cost for this project is \$1.62 million. The FY 2019 budget request will complete the needed funds for implementation.

Project Name	Proposed FY 2019	Proposed FY 2020	Proposed FY 2021	Proposed FY 2022	Proposed FY 2023	CIP Total
South Chickamauga Greenway Connector - Youngstown	350,000	0	0	0	0	350,000

Sterchi Farm Redevelopment Phase I Remainder

Due to funding constraints this project has been broken into two phases, Phase I includes the pavilion, the Adventure Trail, restrooms, parking and access area and boat ramp. While this TPL lead project has received funding from Benwood, Lyndhurst and NPRA/ Disney grant in order to complete Phase I, OCOS is requesting additional funds for: Demolition of existing paving, Grading/Erosion and Sediment Control, Concrete Paving, Gravel Paving, Bioretention, River Buffer Invasive Removal and Site Planting. The Sterchi Farm Park and Trailhead project is an enhancement of what was originally slated to be a standard Public Works bathroom facility. While the project was broken into two phases due to funding constraints, additional funds will be required to complete Phase I.

Project Name	Proposed FY 2019	Proposed FY 2020	Proposed FY 2021	Proposed FY 2022	Proposed FY 2023	CIP Total
Sterchi Farm Redevelopment Phase I Remainder	297,000	0	0	0	0	297,000

Stronger Neighborhoods

Proposed Future Year Projects

- Avondale Trail Implementation
- CMAQ Bike Lanes
- Complete Streets: Market from 25th to 28th (sidewalks, streetscape, & median)
- Hwy 58 Shared Use Path
- La Paz Chattanooga - New Cultural Center
- New UTC Hitting Facility at Warner Park
- Sterchi Farm Redevelopment Phase II
- Yellow Brick Rd on Wheland site (26th and 28th)

Illustrative List

The below projects were identified as possibilities but would require funds outside of current or expected resources and therefore are not included in the FY 2019-2023 CIP. These projects may be added to a future CIP as funds are secured.

- Wilcox Boulevard – Total Cost \$71,740,000
- Somerville Avenue Extension – Total Cost Unknown

High Performing Government

Accela Cloud Upgrade for Treasury Office

Accela is the software used for permitting and licensing of business entities. The Treasury office is on an old server platform, and does not connect directly with the Land Development Office cloud platform. This offer will allow our systems to be on the same platform to ensure a seamless process between the Treasury and LDO office. This will also allow an easier process for citizens to apply for licenses, and allow IT to eliminate another old server.

Project Name	Proposed FY 2019	Proposed FY 2020	Proposed FY 2021	Proposed FY 2022	Proposed FY 2023	CIP Total
Accela Cloud Upgrade for Treasury Office	150,000	0	0	0	0	150,000

Building Energy Efficiency Upgrades

Under the Better Buildings Challenge, the City agreed to lower overall energy use by 20%. In partnership with EPB and TVA current City facilities will replace existing incandescent and fluorescent light fixtures with new LED lighting. This technology provides equal or greater light levels at a lower level of energy use, reducing both energy costs and long-term maintenance cost. One initial program element was TVA-provided Rebates for the energy reduction. Existing fixture inventory at all 61 sites will be completed in the near future. The first package for City Hall Campus will be sent to TVA for approval with additional packages for the YFD centers. TVA rebates require the project be completed prior to June 30, 2018. In December 2017 TVA announced the program is cancelled by TVA. This affects the FY18 5-year capital plan. To maximize the rebates, we request the FY20 request of \$300K be brought forward to FY19, and a FY18 budget amendment be made to allow us to proceed with Re-Lamping all of the fixtures at all 61 sites prior to this new cutoff date.

Project Name	Proposed FY 2019	Proposed FY 2020	Proposed FY 2021	Proposed FY 2022	Proposed FY 2023	CIP Total
Building Energy Efficiency Upgrades	500,000	300,000	0	0	0	800,000

CDOT Fleet

CDOT need to replace many of its fleet and has created a 7-year plan to do so. In FY 2018, CDOT will replace a defunct bucket truck. In FY 2019, CDOT is requesting \$480K to replace one 18-year old crew truck, one 19-year old crew truck, one 24-year old basket truck and one 12-year old sign truck. FY 20: \$400K to replace the two remaining bucket trucks and two pick-up trucks. FY 21: \$350K to replace one car, forklift, F550 and a basket truck. FY 22: \$230K to replace a SUV and a digger machine. FY 23: \$235K to replace a car, SUV and a sign truck. FY 24: replace the paint machine. The vehicles that are allowable in the fleet lease program will be brought into the program. Some of CDOT's vehicles are specialized and are not part of the fleet program.

Project Name	Proposed FY 2019	Proposed FY 2020	Proposed FY 2021	Proposed FY 2022	Proposed FY 2023	CIP Total
CDOT Fleet	480,000	400,000	350,000	230,000	235,000	1,695,000

City Buildings & YFD Centers Major Maintenance

In FY18 \$1.6M was set aside to begin moving from a reactive mode to Facility Management for facility systematic improvements and replacements, such as HVAC and roofing systems. The majority of these funds were dedicated to YFD facilities. Currently we have programmed to replace \$1.45M in new roofs and HVAC systems and plan to have these funds encumbered by the end of May 2018. \$250K will also be allocated to Heritage House repair. The remaining 10% we are holding back to address any emergency repairs that may arise in the second half of the year.

Project Name	Proposed FY 2019	Proposed FY 2020	Proposed FY 2021	Proposed FY 2022	Proposed FY 2023	CIP Total
City Buildings & YFD Centers Major Maintenance	2,000,000	1,500,000	1,500,000	1,500,000	1,500,000	8,000,000

Cloud Software as a Service (SaaS)

The City's ERP software is old technology not keeping pace with user expectations. SaaS will improve processing quality and efficiencies in the areas of Planning & Budgeting, General Ledger, Purchasing, Projects Grants management, Time & Labor, Accounts Payable, Fixed Assets and Cash Management while improving business processes, incorporating best practices, and quality user experiences. All applications are mobile-enabled and provide key performance indicators, dashboards, predictive analytics. This project includes phase one of a multi-year SaaS implementation. Embedded process improvements include document storage, automation, enhanced workflow and social collaboration. Our current accounts payable process is labor intensive and cumbersome. Processes improvements include but are not limited to the following: Upgrade existing modules to latest version of software with automatic updates as available Automatic matching of invoices to purchase order, and/or receipts leaving the only exception for manual processing for payment. Automate additions of capital projects to fixed assets Improved workflow for all processes Mobile-enabled applications provide key performance indicators, dashboards, predictive analytics. Annual operations savings of \$400,000 while providing additional features using current technology.

Project Name	Proposed FY 2019	Proposed FY 2020	Proposed FY 2021	Proposed FY 2022	Proposed FY 2023	CIP Total
Cloud Software as a Service (SaaS)	1,450,111	1,450,000	1,450,000	0	0	4,350,111

Fleet Leasing Program (Capital)

This is to appropriate Fleet Program Reserve funds so that they may be used to replace vehicles currently in the program that are at the end of their lease terms.

Project Name	Proposed FY 2019	Proposed FY 2020	Proposed FY 2021	Proposed FY 2022	Proposed FY 2023	CIP Total
Fleet Leasing Program	5,000,000	6,000,000	3,000,000	3,000,000	3,000,000	20,000,000

Garbage Truck Replacement

Replaces 3 Recycle/Garbage Automated Trucks at a \$250,000 each cost. It is in the best interest of the City to make a final purchase from the contract established for this type vehicle before said contract expires to replace existing units that have exceeded useful life. This purchase allows the City to operate in the safest manor possible for our staff and citizens. These newly purchased vehicles will then be entered into the Fleet Lease Vehicle Program to ensure their replacement once they extinguish useful life. Other funds and grants are currently being pursued for HHW improvements and future grant applications will be initiated for an up to \$100,000 request to apply towards a vehicle.

Project Name	Proposed FY 2019	Proposed FY 2020	Proposed FY 2021	Proposed FY 2022	Proposed FY 2023	CIP Total
Garbage Truck Replacement	750,000	0	0	0	0	750,000

Garbage Truck Turnaround

Allows garbage trucks the ability to turn around at specific locations without going on private property which reduces driving hazards and increases overall safety for the collection process.

Project Name	Proposed FY 2019	Proposed FY 2020	Proposed FY 2021	Proposed FY 2022	Proposed FY 2023	CIP Total
Garbage Truck Turnaround	50,000	50,000	50,000	50,000	50,000	250,000

Golf Course Maintenance Equipment Replacement

Several capital improvements are needed at both City golf courses. The last major capital improvement was greens renovation 4-5 years ago. Golf cart paths are over 25 years old and several have been damaged over time and some no longer exist do to past construction projects. New paths are a very prominent and visible sign that operator is concerned about course conditions, safety and the damage caused to golf carts by worn out, broken paths. In 2014, the range shed at Brown Acres caught fire and burned to the ground. The shed needs to be rebuilt and replace the ball dispenser. Washing and dispensing of range balls are performed all in one self-service location. The range at Brown Acres generates approximately \$15,000 per year in revenue. Lastly, IT has mandated that Golf no longer can use aging computer equipment with outdated software for security reasons which will cause issues with software used for operations software including online tee time reservation system. Currently a new software is being investigated but funds are needed for that software plus new hardware to operate on.

Project Name	Proposed FY 2019	Proposed FY 2020	Proposed FY 2021	Proposed FY 2022	Proposed FY 2023	CIP Total
Golf Course Maintenance Equipment Replacement	200,000	150,000	125,000	115,000	110,000	700,000

Grants Management Technology

This project is for a general budget for intergovernmental use among all departments and divisions City-wide for grants management technology. A grants management technology software will be purchased, implemented, and training will be provided to appropriate City employees on use. The goal of a grants management technology software is to provide a central database that can be updated and maintained by City grant research professionals. A central database that is easily accessible and able to generate reports creates open much-needed lines of communication among various City departments, helps staff prepare for annual audits, and have continuity of operations in place when there is staff or administration turnover. Centralized information will also allow for the Grants Specialist to notify key administrators and City Council representatives of grant awards and important information.

Project Name	Proposed FY 2019	Proposed FY 2020	Proposed FY 2021	Proposed FY 2022	Proposed FY 2023	CIP Total
Grants Management Technology	65,000	0	0	0	0	65,000

Knuckleboom

Replaces 3 knuckleboom trucks at \$200,000 each. In the best interest of the City to make a final purchase from the contract established for this type vehicle before said contract expires to replace existing units that have exceeded useful life. This purchase allows the City to operate in the safest manner possible for our staff and citizens. These newly purchased vehicles will then be entered into the Fleet Lease Vehicle Program to ensure their replacement once they extinguish useful life. Other funds and grants are currently being pursued for HHW improvements and future grant applications will be initiated for an up to \$100,000 request to apply towards a vehicle.

Project Name	Proposed FY 2019	Proposed FY 2020	Proposed FY 2021	Proposed FY 2022	Proposed FY 2023	CIP Total
Knuckleboom	600,000	0	0	0	0	600,000

Landscape/Hardscape Improvements

This project will increase landscape beauty and annual color plantings to Downton. PW Parks proposes to increase level of input to all Downtown parks and ROW landscaping to enhance residents and visitors experience downtown. These improvements would include increased level of service and maintenance, annual color plantings, redesign and replacement of perennial plantings, fertilization, weed and pest control, mulching and bed maintenance, to name a few. This capital fund will compliment a proposed BFO offer for Miller Park and Downtown Landscaping. The capital project will be the initial design and installation of landscaping at the selected sites. The BFO offer will fund the annual maintenance of this new landscaping along with Miller Park operations.

Project Name	Proposed FY 2019	Proposed FY 2020	Proposed FY 2021	Proposed FY 2022	Proposed FY 2023	CIP Total
Landscape/Hardscape Improvements	250,000	0	0	0	0	250,000

Operations and Compliance Tools

This funding is requested to purchase monitoring and compliance tools to increase efficiencies and reporting of usage and access of devices across the City. This includes tools such a comprehensive enterprise management tool for the Apple platform, simplifying IT management for Mac, iPad, iPhone and Apple TV, as well as a tool for software license management. These tools will improve the management of the City's software usage, assist with standardization, mitigate risk, and will assist to monitor software, licenses, compliance, and usage. This request addresses deficiencies discovered in a recent audit. Lastly, this includes funding for additional features in the Google Suite to improve Google Drive functionality, set Retention schedules, set up Contract Management, allow for version Control, centralizes ownership without the constraints of Team Drive, captures emails, adds and searches metadata, workflow for document and business process, and centralize organizational documentation.

Project Name	Proposed FY 2019	Proposed FY 2020	Proposed FY 2021	Proposed FY 2022	Proposed FY 2023	CIP Total
Operations and Compliance Tools	425,000	0	0	0	0	425,000

Police Service Center Ground Level Generator Replacement (Capital)

The current 1974-year model natural gas generator is operational; however, with the projected dependability of this unit, it is now up for replacement. Police prefers to have redundant solutions for electricity due to the Police Service Center operations being 24/7. The current generator has been very well maintained through its life but failure of certain components is just a matter of time. The estimate includes transfer switch to allocate proper amperage management.

Project Name	Proposed FY 2019	Proposed FY 2020	Proposed FY 2021	Proposed FY 2022	Proposed FY 2023	CIP Total
Police Service Center Ground Level Generator Replacement (Capital)	138,000	0	0	0	0	138,000

Regional Training Facility

This offer seeks to collaborate with the CPD and Hamilton County Emergency Management Agency (HCEMA) to build a state-of-the-art training facility for fire, police, and EMA training and use. This offer would seek a 40+ acre site to provide the venue to experience live burn drills, police drilling, emergency driver training, and many other law enforcement and rescue training opportunities in a manner that generates and bolsters operational understanding. The facility would include classrooms to accommodate simultaneous academies and classroom needs. If necessary, this project may be best spread over three years of funding.

Project Name	Proposed FY 2019	Proposed FY 2020	Proposed FY 2021	Proposed FY 2022	Proposed FY 2023	CIP Total
Regional Training Facility	75,000	500,000	0	4,500,000	0	5,075,000

Security Cameras & Storage

Increasing demands for security cameras require increased capacity for video storage. Depending upon the type of video footage, retention policies range from 30 days to forever. This offer will allow for video storage expansion to meet retention requirements. This funding will also continue the effort from FY2018 to replace and update existing IP cameras as well as adding additional cameras in strategically identified areas across the City.

Project Name	Proposed FY 2019	Proposed FY 2020	Proposed FY 2021	Proposed FY 2022	Proposed FY 2023	CIP Total
Security Cameras & Storage	250,000	450,000	450,000		0	1,150,000

Sign Reflectivity (P20112)

This project is in the FY 2017 - 2020 Transportation Improvement Program (TIP), a regional plan that programs federal funds received in the City (SAFETY1). Purchase and install signs and markings on all streets in the City of Chattanooga to meet MUTCD 2009 requirements for signs, markings and retroreflectivity.

Project Name	Proposed FY 2019	Proposed FY 2020	Proposed FY 2021	Proposed FY 2022	Proposed FY 2023	CIP Total
Sign Reflectivity (P20112)	181,318	0	0	0	0	181,318

Tivoli Foundation Annual Capital Appropriation

City of Chattanooga annual capital appropriation in support of capital improvement initiatives undertaken by the Tivoli Foundation at the Tivoli Theater, Memorial Auditorium and the Robert Kirk Walker Community Theater; This capital appropriation is specified in the Lease and Management Agreement between the City of Chattanooga and the Tivoli Theater Foundation, Inc.

Project Name	Proposed FY 2019	Proposed FY 2020	Proposed FY 2021	Proposed FY 2022	Proposed FY 2023	CIP Total
Tivoli Foundation Annual Capital Appropriation	350,000	500,000	0	0	0	850,000

High Performing Government

Proposed Future Year Projects

- Amnicola Fleet Fueling Facility
- Amnicola Garage Facility Improvements
- Central Business District Litter Receptacles
- City Yard Improvements
- CPD Internal Affairs Security Enhancements (City Hall Annex)
- DRC Chiller Tower Support Replacement
- Facilities Master Planning
- Network Build Continuation
- Police Service Center Roof Replacement (Capital)
- Renovation to Paul Clark Building and Tool Room
- Station Capital Maintenance - Exhaust System Replacements
- Station Generator

Smarter Students, Stronger Families

Chattanooga State TCAT (TN Center of Applied Technology)

City support for the Chattanooga State TCAT.

Project Name	Proposed FY 2019	Proposed FY 2020	Proposed FY 2021	Proposed FY 2022	Proposed FY 2023	CIP Total
Chattanooga State TCAT (TN Center of Applied Technology)	100,000	0	0	0	0	100,000

Chattanooga Zoo: Africa Expansion

The Zoo has reached approximately \$4.5M in funding for the Africa Expansion. This amount of funding will allow them to start with Phase 1 of the project which will require the relocation of the existing Camel ride area, and the construction of the Giraffe Exhibit and the Giraffe Holding Area. The Zoo is requesting that the City perform certain tasks and or fund items above the \$250K yearly donation to the African expansion.

Project Name	Proposed FY 2019	Proposed FY 2020	Proposed FY 2021	Proposed FY 2022	Proposed FY 2023	CIP Total
Chattanooga Zoo: Africa Expansion	257,500	250,000	250,000	0	0	757,500

Chattown Skate Park

Chattanooga's only skate park is regularly used and loved by the skateboarding community, however current structures are aging, showing more wear and tear, and possibly safety concerns for park patrons. The OCOS division was funded \$30K in FY18 for a Skate Park Feasibility Study to engage skate park patrons and the community to evaluate the existing skate park needs and opportunities, identify factors of a successful skate park and location, and prepare a cost budget estimation and concept plan. We are requesting an additional \$195k for FY 19 for the design phase of the park which will be based upon the recommendations of the Feasibility Study.

Project Name	Proposed FY 2019	Proposed FY 2020	Proposed FY 2021	Proposed FY 2022	Proposed FY 2023	CIP Total
Chattown Skate Park	75,000	320,000	2,280,000	0	0	2,675,000

Electrical System Improvement Completion

In FY18 a renovation of the Main Downtown Library electrical systems was partially funded at \$200,000. This request is to continue the renovations to include replacing the electrical service panels, transformers, and switchgear. The FY18 electrical upgrade project design has been combined with the FY18 funded Main Downtown HVAC replacement project (\$900,000) as these two building systems will work together to achieve improved energy efficiency. The scope of this combined project includes a sophisticated, modern fire safety system and public address system with continued functionality after a complete loss of power. These sustainable and efficient upgrades will improve the overall experience and safety of children and families.

Project Name	Proposed FY 2019	Proposed FY 2020	Proposed FY 2021	Proposed FY 2022	Proposed FY 2023	CIP Total
Electrical System Improvement Completion	200,000	0	0	0	0	200,000

Erlanger Children’s Hospital

City contribution toward the construction of the new Erlanger Children's Hospital, in honor of the victims of the Woodmore Bus Tragedy.

Project Name	Proposed FY 2019	Proposed FY 2020	Proposed FY 2021	Proposed FY 2022	Proposed FY 2023	CIP Total
Erlanger Children’s Hospital	250,000	250,000	250,000	0	0	750,000

Fallen Five Memorial

The Fallen Five Memorial will be a site of permanent remembrance for our fallen heroes of the July 16, 2015 attack, while acknowledging the tremendous acts of kindness, support and strength that occurred following the tragedy. The memorial will be installed on Hamilton County property in the Tennessee Riverpark.

Project Name	Proposed FY 2019	Proposed FY 2020	Proposed FY 2021	Proposed FY 2022	Proposed FY 2023	CIP Total
Fallen Five Memorial	500,000	0	0	0	0	500,000

Library Roof Replacement

Main Downtown Library - this request would fund installation of a new roof for the non-deck section of the Library. The current roof was installed in 1976, and has reached end of life. Ongoing leaks endanger the Library collection, its Local History archives and manuscripts, as well as computers and other technology in our Makerspace. This compromises our ability to control humidity in these areas, which is a critical component to maintaining a Library collection. This offer would fund removal of the current roof and installation of a new, improved one.

Project Name	Proposed FY 2019	Proposed FY 2020	Proposed FY 2021	Proposed FY 2022	Proposed FY 2023	CIP Total
Library Roof Replacement	450,000	0	0	0	0	450,000

Parks ADA Repairs

Funding to continue improvements to City parks as identified in extensive ADA Assessment (FY17). Improvement of facilities and hardscapes as identified from the analysis of current ADA Assessment Program. The selected firm has completed their analysis and has identified and prioritized non-compliant areas in a detailed report of which the City has not received. Based off updates during the process, we anticipate a lengthy list of needs that will require immediate attention from the City. Funding could also extend initial assessment to Park sites not included in original program.

Project Name	Proposed FY 2019	Proposed FY 2020	Proposed FY 2021	Proposed FY 2022	Proposed FY 2023	CIP Total
Parks ADA Repairs	100,000	50,000	50,000	50,000	0	250,000

Parks, Playgrounds & Field Maintenance

The Parks Division maintains and repairs the several public restrooms, pavilions, barns, and other building structures throughout the park system. Parks Division will continue replacement of heavily worn and damaged playground equipment. Equipment at many sites are near the end of typical life and requires expensive repairs to remain in safe and usable condition. Additionally, with these funds, major repairs and other routine maintenance activities that have not been previously feasible will be scheduled and completed to make Youth Athletic Association complexes attractive to visitors and safe for participants.

Project Name	Proposed FY 2019	Proposed FY 2020	Proposed FY 2021	Proposed FY 2022	Proposed FY 2023	CIP Total
Parks, Playgrounds & Field Maintenance	100,000	150,000	100,000	100,000	100,000	550,000

Washington Hills YFD Building Renovation

Improvements will be made to the Washington Hills YFD Center according to current and progressive consultant recommendations. Multiple safety and asset preservation issues currently exist and enhancements will be made to promote physical activity and improve the center for effective public use.

Project Name	Proposed FY 2019	Proposed FY 2020	Proposed FY 2021	Proposed FY 2022	Proposed FY 2023	CIP Total
Washington Hills YFD Building Renovation	2,000,000	0	0	0	0	2,000,000

YFD Technology Upgrades

The City of Chattanooga operates 18 neighborhood Youth and Family Development Centers. Each of these centers serve youth, teens, adults, families, and senior citizens with a variety of classes and life-long learning, sports and wellness programs, enrichment and social activities. Computer labs at these locations are often utilized to pay bills, perform job searches, complete homework, access the Reading program and many other activities to enrich the lives of citizens across the City. The purpose of this request is to fund new laptops, self-service kiosks and charging stations for the YFD computer labs and to add security cameras to these locations.

Project Name	Proposed FY 2019	Proposed FY 2020	Proposed FY 2021	Proposed FY 2022	Proposed FY 2023	CIP Total
YFD Technology Upgrades	500,000	0	0	0	0	500,000

Smarter Students, Stronger Families

Proposed Future Year Projects

- Medal of Honor Museum
- YFD Center Renovations

Safer Streets

Body Worn Cameras

This project is for the cost of body worn cameras paid for by a federal grant from the Department of Justice. In FY16 and FY17 capital dollars were allocated to this project and the DOJ funding has been received. This allocation would cover the outstanding balance and close out the project.

Project Name	Proposed FY 2019	Proposed FY 2020	Proposed FY 2021	Proposed FY 2022	Proposed FY 2023	CIP Total
Body Worn Cameras	299,992	0	0	0	0	299,992

CFD Apparatus Replacement Plan

While the Chattanooga Fire Department (CFD) works hard to prevent fire, it remains prepared to respond to and mitigate all emergency incidents 24/7/365. In support of the mission of the CFD, this Capital offer seeks to fund the replacement of multiple fire apparatus per the CFD's Apparatus Replacement Plan. The department's apparatus are aging and consistent replacement is vital to continue providing basic life-saving and property-conserving operations. Without working fire apparatus and equipment, firefighters can do little to perform the duties. The replacement plan replaces frontline apparatus, moving them to reserve status. Last year, the department was able to replace a large quint apparatus, but unable to fund the other engine apparatus requested. Our reserve fleet is dangerously low of viable apparatus because the replacement plan has not been fully funded through the years. So, there is desperate need to fund this Capital offer so that the department does not fall further behind. With the funding requested, it is possible to purchase and replace the last of the department's 1998 engine apparatus and two water tenders (also referred to as tankers), one of which is a 1974 Ford, and the other a 1979 GMC.

Project Name	Proposed FY 2019	Proposed FY 2020	Proposed FY 2021	Proposed FY 2022	Proposed FY 2023	CIP Total
CFD Apparatus Replacement Plan	1,000,000	1,500,000	1,500,000	1,500,000	1,500,000	7,000,000

Firing Range

Funding for study and relocation of the existing Moccasin Bend firing range.

Project Name	Proposed FY 2019	Proposed FY 2020	Proposed FY 2021	Proposed FY 2022	Proposed FY 2023	CIP Total
Firing Range	150,000	2,000,000	2,000,000	0	0	4,150,000

Hazardous Materials Monitoring and Detection Equipment Replacement

This project provides capital funding to replace obsolete hazardous materials monitoring equipment. Many of the hazards that firefighters and citizens face are not necessarily detectable with our eyes or noses. The fire department uses a wide range of hazardous materials monitoring and detection equipment. These tools have been exactly what was needed to keep first responders and the public safe from the hazards that were present, but undetectable by human senses. In addition, one of these monitors is specifically designed to detect potential hazardous environments for large attended events, such as Riverbend, IronMan, and Head of the Hooch.

Project Name	Proposed FY 2019	Proposed FY 2020	Proposed FY 2021	Proposed FY 2022	Proposed FY 2023	CIP Total
Hazardous Materials Monitoring and Detection Equipment Replacement	150,000	135,000	0	0	0	285,000

Hydraulic Equipment Replacement ("Jaws of Life")

This project provides capital funding to replace hydraulic extrication equipment, often referred to as the "jaws of life" on each of the city's five squad units. Squads are engine-pumper apparatus strategically located all over the city. These units have additional equipment to perform rescue, extrication, and hazardous materials response. Some of the tools that are in service are no longer capable of receiving maintenance from the manufacturer because of the age. Parts are no longer available for other pieces of equipment that have become obsolete. This project is critical for the safety of our citizens.

Project Name	Proposed FY19	Proposed FY20	Proposed FY21	Proposed FY22	Proposed FY23	CIP Total
Hydraulic Equipment Replacement ("Jaws of Life")	605,000	0	0	0	0	605,000

Interview Rooms

This project will allow for a comprehensive overhaul of both hardware and software related to law enforcement interview rooms used by Chattanooga Police Officers. This offer would bring the 5 current interview rooms at the Police Service Center, Service Center Annex, City Hall Annex (for Internal Affairs) up-to-date, and add 1 interview room for Investigators at the Family Justice Center. We have had significant issues with the functionality of our current equipment, and have missed several videotaped interviews of violent subjects. Investigators are currently having to use a handheld audio recorder in order to ensure the interview is actually recorded successfully. Additionally, this offer includes video enhancement software to assist investigators in reviewing 3rd party video evidence during criminal investigations. The company we are contracted to purchase this from will update our hardware every three years, or sooner if a new model comes available, without additional costs. The storage for this comes with this package for no additional costs.

Project Name	Proposed FY 2019	Proposed FY 2020	Proposed FY 2021	Proposed FY 2022	Proposed FY 2023	CIP Total
Interview Rooms	150,000	0	0	0	0	150,000

Police Laptops

This is a continuation of a previously approved capital offer, which replaces outdated in-car laptops with laptops that are current with today's technology. This project has never fallen under R&R as the use and definition of R&R changes frequently. The current balance will be spent as our current FY continues forward.

Project Name	Proposed FY 2019	Proposed FY 2020	Proposed FY 2021	Proposed FY 2022	Proposed FY 2023	CIP Total
Police Laptops	300,000	300,000	300,000	300,000	0	1,200,000

Pre-Arrest Diversion Building Modifications

Safety and Building Modifications for New Pre-Arrest Diversion Program entryway to allow officers to quickly hand-off pre-arrest diversion clients and proceed to their next call. Building renovations to the entry way and security areas will enable officers to quickly hand-off pre-arrest diversion clients to staff. Additionally, in order to make the area more "user friendly" and welcoming, additional seating and green space will be added near the new entry. The goal is to welcome all seeking treatment regardless of the manner in which they arrived and utilize the "no wrong door" approach in treatment of the mentally ill.

Project Name	Proposed FY 2019	Proposed FY 2020	Proposed FY 2021	Proposed FY 2022	Proposed FY 2023	CIP Total
Pre-Arrest Diversion Building Modifications	208,600	0	0	0	0	208,600

Recovery Housing Project Implementation

Planning/Design/Engineer fees to renovate existing Units for Justice involved individuals with severe mental illness and/or co-occurring substance use disorders. Planning and architectural fees to begins the renovation of apartment units into permanent housing for the justice involved individuals with the history of homelessness and severe mental illness and/or co-occurring substance use of disorders.

Project Name	Proposed FY 2019	Proposed FY 2020	Proposed FY 2021	Proposed FY 2022	Proposed FY 2023	CIP Total
Recovery Housing Project Implementation	50,000	0	0	0	0	50,000

RTIC – Public Safety Cameras

The Real Time Intelligence Center (R.T.I.C.) will be a force multiplier in our ongoing effort to reduce violent crime within our communities. RTIC Investigators will use the most technologically advanced equipment to actively support Intelligence Led Policing strategies by forging real time data with active intelligence. The addition of both mobile and pole mounted surveillance cameras will increase RTIC Investigator's ability to monitor current or perpetual acts of violence to provide real time information to field officer and criminal investigators. The RTIC per year breakdown is as follows: FY18 6 Vehicle-Borne Camera Units & 3 Trailer Camera Units. FY19 1 Vehicle-Borne Camera Unit / 3 Trailer Camera Units / 5 Pole Mounted Camera Units. FY20 1 Vehicle-Borne Camera Unit / 2 Trailer Camera Units / 5 Pole Mounted Camera Units. FY21 1 Vehicle-Borne Camera Unit / 10 Pole Mounted Camera Units. FY22 1 Vehicle-Borne Camera Unit / 10 Pole Mounted Camera Units.

Project Name	Proposed FY 2019	Proposed FY 2020	Proposed FY 2021	Proposed FY 2022	Proposed FY 2023	CIP Total
RTIC – Public Safety Cameras	213,225	156,725	83,600	83,600	0	537,150

Station 15 Replacement

The Chattanooga Fire Department (CFD) is requesting Capital funds to replace Station 15 that serves the Eastdale and Brainerd communities. Constructed in 1966, the structure has had multiple problems with drainage, asbestos features, multiple leaks in the roof, cracks in the concrete, infrastructure deterioration, air conditioning issues (which has produced mold and mildew), and other issues creating the potential for safety and health issues. Due to many of these problems, the fire crew stationed here was required to move to and respond from another fire hall for a few months last year. Enough repairs were made to move the fire crew back in, but a new station will be needed soon. This is the next community fire station in the CFD's Station Replacement Plan.

Project Name	Proposed FY 2019	Proposed FY 2020	Proposed FY 2021	Proposed FY 2022	Proposed FY 2023	CIP Total
Station 15 Replacement	150,000	300,000	1,000,000	0	0	1,450,000

Safer Streets

Proposed Future Year Projects

- Civil Unrest Equipment
- CPD Crime Scene Van Replacement
- CPD Internal Affairs Security Enhancements
- Crime Scene Facility at Police Service Center 100
- In-Car Cameras
- Police Service Center Roof Replacement

Enterprise Fund Projects

Enterprise projects are funded through user fees rather than general fund revenues.

Interceptor Sewer System

Consent Decree Projects

Citico Force Main Replacement

This project involves the replacement of the force main from the Citico Pump Station.

Project Name	Proposed FY 2019	Proposed FY 2020	Proposed FY 2021	Proposed FY 2022	Proposed FY 2023	CIP Total
Citico Force Main Replacement	5,000,000	0	0	0	0	5,000,000

Wet Weather Sewer Storage - Phase 3

This project is a major component of the ISS plan to reduce system overflows and stay within compliance of the EPA mandated Chattanooga Consent Decree Program. This project will construct wet weather storage strategically throughout the system and store peak wet weather flows, prevent sanitary sewer overflows, and meet the future capacity requirements as set forth in the Consent Decree. The project will also increase reliability throughout the sanitary sewer system in the event of power or mechanical failures. This project will provide the City with the system capacity necessary to approve future developments and promote growth throughout the City and surrounding areas.

Project Name	Proposed FY 2019	Proposed FY 2020	Proposed FY 2021	Proposed FY 2022	Proposed FY 2023	CIP Total
Wet Weather Sewer Storage - Phase 3	20,000,000	0	0	0	0	20,000,000

Wet Weather Sewer Storage - Phase 4

This project is a major component of the ISS plan to reduce system overflows and stay within compliance of the EPA mandated Chattanooga Consent Decree Program. This project will construct wet weather storage strategically throughout the system and store peak wet weather flows, prevent sanitary sewer overflows, and meet the future capacity requirements as set forth in the Consent Decree. The project will also increase reliability throughout the sanitary sewer system in the event of power or mechanical failures. This project will provide the City with the system capacity necessary to approve future developments and promote growth throughout the City and surrounding areas.

Project Name	Proposed FY 2019	Proposed FY 2020	Proposed FY 2021	Proposed FY 2022	Proposed FY 2023	CIP Total
Wet Weather Sewer Storage - Phase 4	20,000,000	0	0	0	0	20,000,000

Other Projects

Contingency – Plans and Studies

Contingency money allocated for plans and studies that have not yet been identified.

Project Name	Proposed FY 2019	Proposed FY 2020	Proposed FY 2021	Proposed FY 2022	Proposed FY 2023	CIP Total
Contingency – Plans and Studies	200,000	200,000	200,000	200,000	200,000	1,000,000

Implementation of CD Green Infrastructure Projects in the CSS

Project involves the implementation of the CD green infrastructure projects in the CSS.

Project Name	Proposed FY 2019	Proposed FY 2020	Proposed FY 2021	Proposed FY 2022	Proposed FY 2023	CIP Total
Implementation of CD Green Infrastructure Projects in the CSS	500,000	500,000	500,000	500,000	500,000	2,500,000

Implementation of Vulnerability Recommendations

This project involves implementing the recommendations from the completed EPA mandated security vulnerability assessment of the MBWWTP.

Project Name	Proposed FY 2019	Proposed FY 2020	Proposed FY 2021	Proposed FY 2022	Proposed FY 2023	CIP Total
Implementation of Vulnerability Recommendations	500,000	500,000	500,000	500,000	0	2,000,000

Laboratory Equipment

Project for purchase of sewer maintenance equipment.

Project Name	Proposed FY 2019	Proposed FY 2020	Proposed FY 2021	Proposed FY 2022	Proposed FY 2023	CIP Total
Laboratory Equipment	100,000	0	0	0	0	100,000

Long Term Control Plan Upgrades

This project will result in an Additional Operational Plan for the Chattanooga Creek CSO Outfalls (Central Avenue CSO and William Street CSO). This plan will augment Chattanooga's current CSO control measures with additional long term controls that will ensure that discharges from these CSO's comply with State water quality standards.

Project Name	Proposed FY 2019	Proposed FY 2020	Proposed FY 2021	Proposed FY 2022	Proposed FY 2023	CIP Total
Long Term Control Plan Upgrades	2,262,500	2,737,500	0	0	0	5,000,000

MBWWTP UNOX Piping Replacement

Project to replace the discharge piping from the EQ basins to UNOX. The project will increase reliability of the MBWWTP.

Project Name	Proposed FY 2019	Proposed FY 2020	Proposed FY 2021	Proposed FY 2022	Proposed FY 2023	CIP Total
MBWWTP UNOX Piping Replacement	4,000,000	0	0	0	0	4,000,000

MBWWTP Warehouse Improvements

This project involves warehouse improvements.

Project Name	Proposed FY 2019	Proposed FY 2020	Proposed FY 2021	Proposed FY 2022	Proposed FY 2023	CIP Total
MBWWTP Warehouse Improvements	500,000	0	0	1,500,000	0	2,000,000

MBWWTP Renewable Solar

The purpose of this project is to establish a photovoltaic (PV) solar array combined with battery storage technology at the Moccasin Bend Wastewater Treatment Plant (MBWWTP) in order to work towards the renewable energy goals of the 2009 Climate Action Plan and 2012 Executive Order while reducing operational costs at the plant. In coordination with EPB, demand-side load management technologies will be employed to more closely match real-time operational energy demand with the solar generation and battery storage of energy. Based on preliminary design from MBWWTP's consultant, Jacobs Engineering, and modeling from EPB, the plant has the capacity to generate over 30% of its average consumption through these technologies.

Project Name	Proposed FY 2019	Proposed FY 2020	Proposed FY 2021	Proposed FY 2022	Proposed FY 2023	CIP Total
MBWWTP Renewable Solar	2,250,000	2,250,000	0	0	0	4,500,000

Pretreatment Boat Replacement

Project for procurement of a boat for use in pre-treatment.

Project Name	Proposed FY 2019	Proposed FY 2020	Proposed FY 2021	Proposed FY 2022	Proposed FY 2023	CIP Total
Pretreatment Boat Replacement	100,000	0	0	0	0	100,000

Program Management For Consent Decree Implementation

This project is the annual renewal of the scope and fee of program management services for the implementation of the EPA CD program.

Project Name	Proposed FY 2019	Proposed FY 2020	Proposed FY 2021	Proposed FY 2022	Proposed FY 2023	CIP Total
Program Management For Consent Decree Implementation	2,100,000	1,800,000	1,800,000	1,800,000	1,800,000	9,300,000

Pump Station Improvements (FY19)

Contingency money allocated for pump station upgrade projects that have not been identified yet.

Project Name	Proposed FY 2019	Proposed FY 2020	Proposed FY 2021	Proposed FY 2022	Proposed FY 2023	CIP Total
Pump Station Improvements (FY19)	3,700,000	0	2,000,000	2,000,000	1,500,000	9,200,000

Sewer Maintenance Equipment

Project for purchase of sewer maintenance equipment.

Project Name	Proposed FY 2019	Proposed FY 2020	Proposed FY 2021	Proposed FY 2022	Proposed FY 2023	CIP Total
Sewer Maintenance Equipment	450,000	0	0	0	0	450,000

Sewer Settlement Repair

Project for materials procurement and repair of road settlement at sewer point repair locations

Project Name	Proposed FY 2019	Proposed FY 2020	Proposed FY 2021	Proposed FY 2022	Proposed FY 2023	CIP Total
Sewer Settlement Repair	500,000	0	0	0	0	500,000

Solar Pump Stations

The City is a co-applicant with EPB on the U.S. Department of Energy's Funding Opportunity Announcement (DE-FOA-0001840) for deployment of Advanced Solar Systems Integration Technologies. The City's share of the 20% match required by the FOA guidelines is \$500K. If awarded, the City will receive \$1.95M to construct photovoltaic (PV) solar arrays at a small number of critical wastewater support facilities (pump stations, combined sewer overflow stations, etc.). These assets will be paired with demand-side load technologies and battery storage from EPB to match demand load with solar generation and battery storage for increased service continuity (resilience) in times of unexpected power interruption and to reduce operational costs.

Project Name	Proposed FY 2019	Proposed FY 2020	Proposed FY 2021	Proposed FY 2022	Proposed FY 2023	CIP Total
Solar Pump Stations	1,950,000	0	0	0	0	1,950,000

South Chick 2 and 3 Interceptor Rehab

This project involves the rehabilitation of sanitary sewer pipe and manholes located in the South Chick Creek Sewer Basin. This project will improve the reliability and structural integrity of the existing pipe and will remove unwanted inflow and infiltration from the system. Trenchless technology methods are being analyzed to reduce construction and permitting costs.

Project Name	Proposed FY 2019	Proposed FY 2020	Proposed FY 2021	Proposed FY 2022	Proposed FY 2023	CIP Total
South Chick 2 and 3 Interceptor Rehab	15,000,000	0	0	0	0	15,000,000

VAAP Pump Station Upgrade

This project involves making improvements to the VAAP Pump Station that include the replacement and upgrade of the pumps, piping, valves and instrumentation at the current facility. The upgrades will allow the station to increase its capacity, performance and reliability and to help to reduce sanitary sewer overflows in the area.

Project Name	Proposed FY 2019	Proposed FY 2020	Proposed FY 2021	Proposed FY 2022	Proposed FY 2023	CIP Total
VAAP Pump Station Upgrade	4,650,000	0	0	0	0	4,650,000

Wet Weather Sewer Storage Phase 5- Brown Acres

This project is a major component of the ISS plan to reduce system overflows and stay within compliance of the EPA mandated Chattanooga Consent Decree Program. This project will construct wet weather storage strategically throughout Brown Acres and store peak wet weather flows, prevent sanitary sewer overflows, and meet the future capacity requirements as set forth in the Consent Decree.

Project Name	Proposed FY 2019	Proposed FY 2020	Proposed FY 2021	Proposed FY 2022	Proposed FY 2023	CIP Total
Wet Weather Sewer Storage Phase 5- Brown Acres	0	15,000,000	0	0	0	15,000,000

Interceptor Sewer System

Proposed Future Year Projects

- Contingency - MBWWTP Improvements
- MBWWTP Oxygen Plant Replacement
- Focused SSES and Rehab - Phase II
- Friars Branch Interceptor Improvements - Phase 2
- Hixson Pump Station No. 1 Storage
- South Chickamauga Creek Storage
- Central Avenue Interceptor Sewer
- Long Term Control Plan Upgrades
- Lupton City Sewer Rehabilitation
- MBWWTP SSO Reduction/Elimination Study
- MBWWTP Wet Weather Treatment Feasibility Study
- Pump Station Generator 1
- Pump Station Generator 2
- Pump Station Generator 3
- South Chickamauga Creek 3 Rehabilitation
- West Tiftonia Sewer Connector Rehabilitation

Solid Waste

Landfill Equipment Maintenance

Allows for the maintenance of existing equipment to ensure efficient operations.

Project Name	Proposed FY 2019	Proposed FY 2020	Proposed FY 2021	Proposed FY 2022	Proposed FY 2023	CIP Total
Landfill Equipment Maintenance	500,000	500,000	500,000	500,000	500,000	2,500,000

New Solid Waste & Recycling Facility

Additional funds for construction of new facility.

Project Name	Proposed FY 2019	Proposed FY 2020	Proposed FY 2021	Proposed FY 2022	Proposed FY 2023	CIP Total
New Solid Waste and Recycle Facility	500,000	0	0	0	0	500,000

Water Quality

Avondale YFD GI Project

Green infrastructure components of City project

Project Name	Proposed FY 2019	Proposed FY 2020	Proposed FY 2021	Proposed FY 2022	Proposed FY 2023	CIP Total
Avondale YFD GI Project	800,000	0	0	0	0	800,000

Central Avenue Ext Separation Project

Combination Sewer Separation Project. Project will provide a dedicated stormwater outlet to the Erlanger, Warner Park, and Engle Stadium watersheds which historically have experienced Sanitary/Stormwater flooding issues. Project will be in conjunction with Moccasin Bend project to install Dedicated Sanitary Infrastructure.

Project Name	Proposed FY 2019	Proposed FY 2020	Proposed FY 2021	Proposed FY 2022	Proposed FY 2023	CIP Total
Central Avenue Ext Separation Project	325,000	1,300,000	0	0	0	1,625,000

Dartmouth/Five Points Watershed SIP - Phase I

Phase I of a five phase Stormwater Infrastructure Replacement Project. Rapid development in past years has caused increased runoff potential in the area and taxed an undersized, aging system.

Project Name	Proposed FY 2019	Proposed FY 2020	Proposed FY 2021	Proposed FY 2022	Proposed FY 2023	CIP Total
Dartmouth/Five Points Watershed SIP - Phase I	350,000	0	0	0	0	350,000

East Lake WQ Restoration Project

WQP in coordination with Parks Division intends to implement a water quality improvement project that will reduce adverse stormwater runoff impacts, improve water quality to receiving streams and provide an inviting, safe public park for the community.

Project Name	Proposed FY 2019	Proposed FY 2020	Proposed FY 2021	Proposed FY 2022	Proposed FY 2023	CIP Total
East Lake WQ Restoration Project	400,000	0	0	0	0	400,000

GI Prioritization Tool

This will provide additional tools to enhance the deployment of GI on City projects throughout the city.

Project Name	Proposed FY 2019	Proposed FY 2020	Proposed FY 2021	Proposed FY 2022	Proposed FY 2023	CIP Total
GI Prioritization Tool	50,000	50,000	0	0	0	100,000

Green Alley Program

The purpose of this request is to redevelop existing alleys by means of improved water quality and placemaking.

Project Name	Proposed FY 2019	Proposed FY 2020	Proposed FY 2021	Proposed FY 2022	Proposed FY 2023	CIP Total
Green Alley Program	150,000	150,000	150,000	150,000	150,000	750,000

Green Infrastructure SOV Bank

The City seeks to continue contracting with consultants to implement numerous innovative green infrastructure (GI) projects to mitigate existing stormwater impacts to Chattanooga watersheds, streams, and rivers. The objectives of these practices are to showcase GI advantages, build momentum, and advance their use, while simultaneously improving water quality and degraded watersheds.

Project Name	Proposed FY 2019	Proposed FY 2020	Proposed FY 2021	Proposed FY 2022	Proposed FY 2023	CIP Total
Green Infrastructure SOV Bank	250,000	0	250,000	0	250,000	750,000

Heavy Equipment

Equipment replacement for continued service on water quality projects.

Project Name	Proposed FY 2019	Proposed FY 2020	Proposed FY 2021	Proposed FY 2022	Proposed FY 2023	CIP Total
Heavy Equipment	700,000	0	670,000	0	0	1,370,000

Lynnbrook WPA Ditch Improvements

Project partnership with TDOT for required mitigation.

Project Name	Proposed FY 2019	Proposed FY 2020	Proposed FY 2021	Proposed FY 2022	Proposed FY 2023	CIP Total
Lynnbrook WPA Ditch Improvements	200,000	0	0	0	0	0

On-Call Landscape Design

Given RMG regulations for landscape, WQ projects are required to have vegetation designs from a licensed L.A.

Project Name	Proposed FY 2019	Proposed FY 2020	Proposed FY 2021	Proposed FY 2022	Proposed FY 2023	CIP Total
On-Call Landscape Design	100,000	100,000	0	100,000	0	300,000

Patten Parkway Separation Project (K80147)

Increase detention volume and trunk lines.

Project Name	Proposed FY 2019	Proposed FY 2020	Proposed FY 2021	Proposed FY 2022	Proposed FY 2023	CIP Total
Patten Parkway Separation Project	1,000,000	950,000	0	1,000,000	0	2,950,000

Riverfront Parkway/MLK CSS Project Phase II

Phase II of a four phase Sanitary/Stormwater Separation Project. Project will extend from the Phase I installed system at Fulton St, along Riverfront Pkwy through the intersection with MLK Blvd, and up MLK to Boynton Dr.

Project Name	Proposed FY 2019	Proposed FY 2020	Proposed FY 2021	Proposed FY 2022	Proposed FY 2023	CIP Total
Riverfront Parkway/MLK CSS Project Phase II	250,000	0	0	0	0	250,000

Stream Buffer Conservation

This program will reduce nutrients and other pollutants in subsurface flow caused by sediment, pesticides and other materials from entering streams.

Project Name	Proposed FY 2019	Proposed FY 2020	Proposed FY 2021	Proposed FY 2022	Proposed FY 2023	CIP Total
Stream Buffer Conservation	50,000	100,000	100,000	0	200,000	450,000

Water Quality

Proposed Future Year Projects

- Arden Ave Drainage Improvements
- Automated Flood warning system
- Brainerd & South Howell
- Central Avenue Ext Separation Project (Central Ave/MLK)
- Central Avenue Ext Separation Project (Lincoln Park System-Phase II)
- Citico Creek Restoration (Upper Citico Creek Culvert Improvements Project)
- Elder Mountain Road
- Floodplain Modeling
- Glass Street Area / Taylor St, Dodson Ave, Crutchfield St
- Granada Dr. System Relocation (Collapsed upstream WPA connection)
- Latta St (Upper Citico Creek Culvert Improvements Project)
- Monitoring Lab/Storage
- Operations Building / Fleet Maintenance and Storage
- Patten Parkway Separation Project (Remaining Basin System Installation)
- Pump Station Repairs
- Regional Detention Buffer/Easement
- Riverfront Parkway/MLK CSS Separation Project Phase III
- Riverfront Parkway/MLK CSS Separation Project Phase IV
- Riverside Dr (Upper Citico Creek Culvert Improvements Project)
- Stream Restoration/Various Sites
- Stuart St (Upper Citico Creek Culvert Improvements Project)
- USACE/FEMA Floodplain Culvert Replacement Projects
- Wisdom St (Upper Citico Creek Culvert Improvements Project)
- WPA - N. Market St, Branch /Renaissance

AN ORDINANCE APPROPRIATING, AUTHORIZING OR ALLOCATING FUNDS TO THE CAPITAL IMPROVEMENTS BUDGET FOR THE FISCAL YEAR 2018-2019.

BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF CHATTANOOGA, TENNESSEE:

SECTION 1. That there be and is hereby appropriated, authorized, or allocated the hereinafter set funds from the sources specified for the public purposes indicated of the Capital Improvements Plan for the Fiscal Year Ending June 30, 2019:

GENERAL GOVERNMENTAL FUNDS

FROM	General Obligation Bonds	\$ 7,365,647	
	General Fund (1100)	2,124,852	
	General Fund Reserves	11,532,000	
	Fleet Management Fund (6504)	5,000,000	
	Hotel Motel Tax Fund (2070)	7,500,000	
	Economic Development Fund (1111)	10,247,800	
	State Street Aid (2050)	1,765,148	
	State of Tennessee (Transportation Improvement Program)	7,795,718	
	Transportation Alternative Program (TAP)	800,000	
	Federal-Department of Justice 2016 Body Worn Grant	299,992	
	Hamilton County	250,000	
	Donation - DeFoor	140,000	
	Donations - Erlanger Heroes Run	37,000	
	Donations - Veterans of Foreign Wars - Cleveland	17,000	
	Community Development Block Grant	200,000	
	Donations - Airport Authority	100,000	
	Donations - Fallen Five	196,000	
	Donations - RiverCity/Miller Park	6,300,000	
	Donations - RiverCity/Walnut Bridge Lighting	2,050,000	
TO	General Government & Supported Agencies		\$ 5,479,375
	Department of Police		1,251,217
	Department of Fire		1,980,000
	Department of Public Works		21,150,000
	Department of Economic & Community Development		9,782,000
	Department of Transportation		21,528,565
	Department of Youth & Family		2,550,000
		<u>\$ 63,721,157</u>	<u>\$ 63,721,157</u>

PROPRIETARY CAPITAL FUNDS

FROM:	State Revolving Loan Fund (ISS)	49,000,000	
	Interceptor Sewer System Operations (Fund 6010)	20,600,000	
	Interceptor Sewer System Reserves (Fund 6010)	12,700,000	
	DOE (Office of Energy, Efficiency, & Renewable Energy) Grant	1,462,500	
	Solid Waste Fund Operations (6020)	1,000,000	
	Water Quality Fund Operations (Fund 6030)	4,248,765	
	Water Quality Fund Reserves (Fund 6030)	376,235	
TO:	Interceptor Sewer Fund		83,762,500
	Solid Waste Fund		1,000,000
	Water Quality Fund		4,625,000
	TOTAL PROPRIETARY FUNDS	\$ 89,387,500	\$ 89,387,500
	TOTAL CAPITAL BUDGET	\$ 153,108,657	\$ 153,108,657

BE IT FURTHER ORDAINED, That this Ordinance shall take effect immediately from and after its passage as provided by law.

PASSED _____, 2018

CHAIRPERSON

APPROVED _____ DISAPPROVED _____

DATE: _____, 2018

MAYOR

DM/SW



City of Chattanooga

Capital Budget Summary by Department Fiscal Year 2019

Department	Proposed FY2019	External Sources	Reserves	Operations	GO Bonds	SRF	Hotel/Motel	Economic Dev	Other City Sources	Total
Economic & Community Development	9,782,000	6,300,000	-	-	-	-	-	3,482,000	-	9,782,000
Fire Department	1,980,000	-	1,980,000	-	-	-	-	-	-	1,980,000
General Government/CARTA	5,479,375	500,000	3,720,775	-	-	-	-	1,258,600	-	5,479,375
Police Department	1,251,217	299,992	951,225	-	-	-	-	-	-	1,251,217
Public Works	21,150,000	2,050,000	3,600,000	-	550,000	-	7,500,000	2,450,000	5,000,000	21,150,000
Transportation	21,528,565	9,035,718	780,000	2,124,852	6,815,647	-	-	1,007,200	1,765,148	21,528,565
Youth & Family Development	2,550,000	-	500,000	-	-	-	-	2,050,000	-	2,550,000
Total General Fund	63,721,157	18,185,710	11,532,000	2,124,852	7,365,647	-	7,500,000	10,247,800	6,765,148	63,721,157
Enterprise Funds:										
Interceptor Sewer System	83,762,500	1,462,500	12,700,000	20,600,000	-	49,000,000	-	-	-	83,762,500
Solid Waste	1,000,000	-	-	1,000,000	-	-	-	-	-	1,000,000
Water Quality	4,625,000	-	376,235	4,248,765	-	-	-	-	-	4,625,000
Total Enterprise Funds	89,387,500	1,462,500	13,076,235	25,848,765	-	49,000,000	-	-	-	89,387,500
Total All Funds	153,108,657	19,648,210	24,608,235	27,973,617	7,365,647	49,000,000	7,500,000	10,247,800	6,765,148	153,108,657



City of Chattanooga
Capital Budget Summary by Department
Fiscal Year 2019

** The initials "A.O." and "A.S.F" as appears in this section shall have the same meaning as described in Section 5a of the Operating Budget Ordinance #####

Row Labels	Proposed FY19	External	Reserves	Operations	Bonds	SRF	Hotel/Motel	EconDev	Other City	Total
General Government	5,479,375	500,000	3,720,775	-	-	-	-	1,258,600	-	5,479,375
Chattanooga Area Regional Transportation Authority.....A.O	548,164	-	548,164	-	-	-	-	-	-	548,164
CARTA Technology Projects	156,250	-	156,250	-	-	-	-	-	-	156,250
CARTA Vehicles/Equipment Projects	391,914	-	391,914	-	-	-	-	-	-	391,914
Chattanooga Public Library.....A.S.F	650,000	-	650,000	-	-	-	-	-	-	650,000
Electrical System Improvement Completion	200,000	-	200,000	-	-	-	-	-	-	200,000
Library Roof Replacement	450,000	-	450,000	-	-	-	-	-	-	450,000
Department of Information Technology	740,000	-	315,000	-	-	-	-	425,000	-	740,000
Operations & Compliance Tools	425,000	-	-	-	-	-	-	425,000	-	425,000
Grants Management Technology	65,000	-	65,000	-	-	-	-	-	-	65,000
Security Cameras & Storage	250,000	-	250,000	-	-	-	-	-	-	250,000
Finance and Administration	1,600,111	-	1,600,111	-	-	-	-	-	-	1,600,111
Accela cloud upgrade for Treasury office	150,000	-	150,000	-	-	-	-	-	-	150,000
Cloud Software as a Service (SaaS)	1,450,111	-	1,450,111	-	-	-	-	-	-	1,450,111
Agency	1,941,100	500,000	607,500	-	-	-	-	833,600	-	1,941,100
Chattanooga Zoo: Africa Expansion.....A.O.	257,500	-	257,500	-	-	-	-	-	-	257,500
Chattanooga State TCAT (Tenn Center of Applied Tech)....A.O.	100,000	-	-	-	-	-	-	100,000	-	100,000
Erlanger Children's Hospital.....A.O.	250,000	-	-	-	-	-	-	250,000	-	250,000
Fallen Five (total project cost per res#29347)	500,000	500,000	-	-	-	-	-	-	-	500,000
Johnson Pre-Arrest Diversion Building Modifications....A.O.	208,600	-	-	-	-	-	-	208,600	-	208,600
Johnson Recovery Housing Project Implementation.....A.O.	50,000	-	-	-	-	-	-	50,000	-	50,000
Sculpture Fields Restrooms for Montegue City Park	75,000	-	-	-	-	-	-	75,000	-	75,000
Stadium Corporation Digital Videoboard.....A.O.	150,000	-	-	-	-	-	-	150,000	-	150,000
Tivoli Foundation Annual Capital Appropriation	350,000	-	350,000	-	-	-	-	-	-	350,000
Economic and Community Development	9,782,000	6,300,000	-	-	-	-	-	3,482,000	-	9,782,000
Economic and Community Development	9,782,000	6,300,000	-	-	-	-	-	3,482,000	-	9,782,000
3rd/4th Street Master Plan	60,000	-	-	-	-	-	-	60,000	-	60,000
Affordable Housing Trust	1,000,000	-	-	-	-	-	-	1,000,000	-	1,000,000
Airport District Master Plan	150,000	-	-	-	-	-	-	150,000	-	150,000
Chattown Skate Park	75,000	-	-	-	-	-	-	75,000	-	75,000
East Lake Park Enhancements	100,000	-	-	-	-	-	-	100,000	-	100,000
ECD Public Arts - 1% Art Boost	150,000	-	-	-	-	-	-	150,000	-	150,000
Harris Johnson Park Redesign & Renovation	100,000	-	-	-	-	-	-	100,000	-	100,000
Lupton City Cleanup (G30011)	250,000	-	-	-	-	-	-	250,000	-	250,000
Lynnbrook Park	100,000	-	-	-	-	-	-	100,000	-	100,000
Miller Park	6,300,000	6,300,000	-	-	-	-	-	-	-	6,300,000
Neighborhood Reinvestment Fund (NRF)	1,000,000	-	-	-	-	-	-	1,000,000	-	1,000,000
Parks and Greenways Master Plan	200,000	-	-	-	-	-	-	200,000	-	200,000
Sterchi Farm Redevelopment Phase I Remainder	297,000	-	-	-	-	-	-	297,000	-	297,000
Police Department	1,251,217	299,992	951,225	-	-	-	-	-	-	1,251,217
Police Department	1,251,217	299,992	951,225	-	-	-	-	-	-	1,251,217
Body Worn Camera	299,992	299,992	-	-	-	-	-	-	-	299,992
Firing Range	150,000	-	150,000	-	-	-	-	-	-	150,000
Interview Rooms	150,000	-	150,000	-	-	-	-	-	-	150,000
Police Laptops	300,000	-	300,000	-	-	-	-	-	-	300,000

** The initials "A.O." and "A.S.F" as appears in this section shall have the same meaning as described in Section 5a of the Operating Budget Ordinance #####

Row Labels	Proposed FY19	External	Reserves	Operations	Bonds	SRF	Hotel/Motel	EconDev	Other City	Total
Police Service Center Ground Level Generator Replacement (Cap	138,000		138,000							138,000
RTIC - Public Safety Cameras	213,225		213,225							213,225
Fire Department	1,980,000	-	1,980,000	-	-	-	-	-	-	1,980,000
Fire Department	1,980,000	-	1,980,000	-	-	-	-	-	-	1,980,000
CFD Apparatus Replacement Plan	1,000,000		1,000,000			-				1,000,000
Hazardous Materials Monitoring and Detection Equipment Repla	150,000		150,000							150,000
Hydraulic Equipment Replacement ("Jaws of Life")	605,000		605,000							605,000
Regional Training Facility	75,000		75,000							75,000
Station 15 Replacement	150,000		150,000							150,000
Public Works	21,150,000	2,050,000	3,600,000	-	550,000	-	7,500,000	2,450,000	5,000,000	21,150,000
Public Works	21,150,000	2,050,000	3,600,000	-	550,000	-	7,500,000	2,450,000	5,000,000	21,150,000
1st Street Steps	800,000						-	800,000		800,000
Building Energy Efficiency Upgrades (K17217)	500,000		500,000							500,000
City Buildings & YFD Centers Major Maintenance	2,000,000		1,000,000					1,000,000		2,000,000
Fleet Leasing Program Capital	5,000,000								5,000,000	5,000,000
Garbage Truck Turn Around	50,000		50,000					-		50,000
Golf Course Maintenance Equipment Replacement	200,000		200,000					-		200,000
Greenway Farm Conference Center Replacement (K18124)	750,000		200,000		550,000					750,000
Heritage Park	400,000							400,000		400,000
Holmberg Bridge Lighting and Access Improvements (K11102)	500,000						500,000			500,000
Knuckleboom	600,000		600,000							600,000
Landscaping/hardscape Improvements	250,000		-					250,000		250,000
Parks ADA Repairs	100,000		100,000							100,000
Parks, Playgrounds, Field Maintenance	100,000		100,000							100,000
South Chattanooga Creek Greenway	100,000		100,000							100,000
Vehicle/Equipment Replacement Plan (Garbage Truck) - K17220	750,000		750,000							750,000
Walnut Sreet Bridge Rehabilitation - K18126	5,000,000	-					5,000,000			5,000,000
Walnut Street Bridge Lighting	4,050,000	2,050,000					2,000,000			4,050,000
Transportation	21,528,565	9,035,718	780,000	2,124,852	6,815,647	-	-	1,007,200	1,765,148	21,528,565
Asset Management	5,950,000	1,760,000	300,000	2,124,852	-	-	-	-	1,765,148	5,950,000
Bridge Repair / Replace	900,000	800,000	100,000							900,000
Roadway Base Failure (P20216)	200,000		200,000	-						200,000
Roadway Slope Failure (P20205)	150,000		-	-					150,000	150,000
Street Improvements (paving) (P20201)	3,500,000			2,124,852					1,375,148	3,500,000
TIP Paving (P20214)	1,200,000	960,000	-	-					240,000	1,200,000
CDOT	15,578,565	7,275,718	480,000	-	6,815,647	-	-	1,007,200	-	15,578,565
3rd / 4th Street (P20203)	7,000,000	5,600,000			1,400,000					7,000,000
8th Street Shared Space	140,000	140,000								140,000
Alley Program	250,000				250,000					250,000
Caine Lane Greenway Connector, North (P20124)	411,247	-			411,247					411,247
Caine Lane Greenway Connector, South	875,000				875,000					875,000
CDBG Sidewalk (P20301)	300,000	200,000		-				100,000		300,000
CDOT Fleet (P20127)	480,000		480,000					-		480,000
Complete Streets: On 26th (Market to Wheland Site no median)	1,250,000				1,000,000			250,000		1,250,000
Goodwin Road Segment 4 (P20208)	1,182,000	945,600			236,400			-		1,182,000

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Row Labels	Proposed FY19	External	Reserves	Operations	Bonds	SRF	Hotel/Motel	EconDev	Other City	Total
Midtown Pathway	150,000				-			150,000		150,000
Patten Parkway (P20217)	1,150,000				1,150,000					1,150,000
Riverwalk (P20308)	136,000	108,800						27,200		136,000
Shepherd Road Enhancement (HWY 153 - Airport)	773,000	100,000			673,000					773,000
Sidewalks (P20306)	820,000				820,000	-				820,000
Sign Reflectivity (P20112)	181,318	181,318								181,318
South Chickamauga Greenway Connector Youngstown (P20126)	350,000							350,000		350,000
Streetscape - Transportation Enhancement Initiative (TEI) (P2030)	100,000			-				100,000		100,000
Transit Network Redesign	30,000							30,000		30,000
Youth & Family Development	2,550,000	-	500,000	-	-	-	-	2,050,000	-	2,550,000
YFD	2,550,000	-	500,000	-	-	-	-	2,050,000	-	2,550,000
Washington Hill Recreation Center	2,000,000							2,000,000		2,000,000
YFD/Orange Grove Fitness Collaboration	50,000				-			50,000		50,000
YFD Technology Upgrade	500,000		500,000							500,000

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Row Labels	Proposed FY19	External	Reserves	Operations	Bonds	SRF	Hotel/Motel	EconDev	Other City	Total
Solid Waste	1,000,000	-	-	1,000,000	-	-	-	-	-	1,000,000
Solidwaste	1,000,000	-	-	1,000,000	-	-	-	-	-	1,000,000
Landfill Equipment Maintenance	500,000			500,000						500,000
New Solid Waste and Recycle Facility - K60107	500,000			500,000						500,000
Interceptor Sewer Fund	83,762,500	1,462,500	12,700,000	20,600,000	-	49,000,000	-	-	-	83,762,500
SRF-Maintenance Required - 6011	4,000,000	-	-	-	-	4,000,000	-	-	-	4,000,000
MBWWTP Solids Process Optimization Implementation - Phase 4	-	-	-	-	-	-	-	-	-	-
MBWWTP Unox Piping Replacement	4,000,000	-	-	-	-	4,000,000	-	-	-	4,000,000
SRF - Consent Decree - 6012	45,000,000	-	-	-	-	45,000,000	-	-	-	45,000,000
Citico Force Main Replacement	5,000,000	-	-	-	-	5,000,000	-	-	-	5,000,000
Wet Weather Sewer Storage - Phase 3	20,000,000	-	-	-	-	20,000,000	-	-	-	20,000,000
Wet Weather Sewer Storage - Phase 4	20,000,000	-	-	-	-	20,000,000	-	-	-	20,000,000
Fund Balance/Operations	34,762,500	1,462,500	12,700,000	20,600,000	-	-	-	-	-	34,762,500
Long Term Control Plan Upgrades	2,262,500		2,262,500							2,262,500
Contingency - Plans and Studies	200,000		200,000							200,000
Implementation of CD Green Infra Projects in the CSS	500,000		500,000							500,000
Implementation of Vulnerability Recommendations	500,000		500,000							500,000
Laboratory Equipment	100,000		100,000							100,000
MBWWTP Warehouse Improvements	500,000			500,000						500,000
Pretreatment Boat Replacement	100,000			100,000						100,000
Program Management For Consent Decree Implementation	2,100,000		800,000	1,300,000						2,100,000
Pump Station Improvements (FY19)	3,700,000			3,700,000						3,700,000
MBWWTP Renewable Solar	2,250,000		2,250,000							2,250,000
MUSIC/Solar Pump Stations	1,950,000	1,462,500	487,500							1,950,000
Sewer Maintenance Equipment	450,000		450,000							450,000
Sewer Settlement Repair	500,000		500,000							500,000
South Chic 2 and 3 Interceptor Rehab	15,000,000			15,000,000						15,000,000
VAAP Pump Station Upgrade	4,650,000		4,650,000							4,650,000
Water Quality	4,625,000	-	376,235	4,248,765	-	-	-	-	-	4,625,000
Water Quality	4,625,000	-	376,235	4,248,765	-	-	-	-	-	4,625,000
Avondale YFD GI Project	800,000			800,000						800,000
Central Avenue Ext Separation Project (K80131)	325,000			325,000						325,000
Dartmouth/Five Points Watershed SIP - Phase I	350,000			350,000						350,000
East Lake WQ Restoration Project (K80143)	400,000			400,000						400,000
GI Prioritization Tool	50,000			50,000						50,000
Green Alley Program	150,000			150,000						150,000
Green Infrastructure SOV Bank	250,000			250,000						250,000
Heavy Equipment	700,000			700,000						700,000
Lynnbrook WPA Ditch Improvements	200,000			200,000						200,000
On-Call Landscape Design	100,000		76,235	23,765						100,000
Patten Parkway Separation Project (K80147)	1,000,000			1,000,000						1,000,000
Riverfront Parkway/MLK CSS Project Phase II	250,000		250,000							250,000
Stream Buffer Conservation	50,000		50,000							50,000
Grand Total	153,108,657	19,648,210	24,608,235	27,973,617	7,365,647	49,000,000	7,500,000	10,247,800	6,765,148	153,108,657

Department	Other City Sources				Recommended External Sources	Donations - Fallen Five	Donations - DeFoor	Donations - Erlanger Heros Run	Donations Veterans	Donations Airport Authority
	Recommended Other City Sources	Fleet Mgt Fund (6504)	State Street Aid (2050)	Total Other City Sources						
General Government					500,000	196,000		37,000	17,000	
Economic & Community Development					6,300,000					
Police					299,992					
Public Works	5,000,000	5,000,000		5,000,000	2,050,000					
Transportation	1,765,148		1,765,148	1,765,148	9,035,718		140,000			100,000
Total Govt Funds	6,765,148	5,000,000	1,765,148	6,765,148	18,185,710	196,000	140,000	37,000	17,000	100,000
Interceptor Sewer					1,462,500					
Total Enterprise Funds	-	-	-	-	1,462,500	-				
Total All Funds	6,765,148	5,000,000	1,765,148	6,765,148	19,648,210	196,000	140,000	37,000	17,000	100,000
Fleet Leasing Program	5,000,000	5,000,000		5,000,000						
Roadway Slope Failure (P20205)	150,000		150,000	150,000						
Street Improvements (paving) (P20201)	1,375,148		1,375,148	1,375,148						
Fallen Five (total project cost per res#29347)					500,000	196,000		37,000	17,000	
Walnut Street Bridge Lighting					2,050,000					
Miller Park					6,300,000					
Bridge Repair / Replace					800,000					
TIP Paving (P20214)	240,000		240,000	240,000	960,000					
3rd / 4th Street (P20203)					5,600,000					
8th Street Shared Space					140,000		140,000			
CDBG Sidewalk (P20301)					200,000					
Goodwin Road Segment 4 (P20208)					945,600					
Riverwalk (P20308)					108,800					
Shepherd Road Enhancement (HWY 153 - Airport)					100,000					100,000
Sign Reflectivity (P20112)					181,318					
Body Worn Camera					299,992					
MUSIC/Solar Pump Stations					1,462,500					
Total Projects	6,765,148	5,000,000	1,765,148	6,765,148	19,648,210	196,000	140,000	37,000	17,000	100,000

Department	External Funding Sources								Total External Sources
	Donations River/Miller	Donations River/Walnut	Hamilton County	DOE MUSIC	Transportation Alternative Programs (TAP)	TIP Funding (Federal through MPO)	DOJ	CDBG	
General Government			250,000						500,000
Economic & Community Development	6,300,000								6,300,000
Police							299,992		
Public Works		2,050,000							2,050,000
Transportation					1,745,600	6,850,118		200,000	9,035,718
Total Govt Funds	6,300,000	2,050,000	250,000		1,745,600	6,850,118	299,992	200,000	18,185,710
Interceptor Sewer				1,462,500					1,462,500
Total Enterprise Funds				1,462,500					1,462,500
Total All Funds	6,300,000	2,050,000	250,000	1,462,500	1,745,600	6,850,118	299,992	200,000	19,648,210
Fleet Leasing Program									-
Roadway Slope Failure (P20205)									-
Street Improvements (paving) (P20201)									-
Fallen Five (total project cost per res#29347)			250,000						500,000
Walnut Street Bridge Lighting		2,050,000							2,050,000
Miller Park	6,300,000								6,300,000
Bridge Repair / Replace					800,000				800,000
TIP Paving (P20214)						960,000			960,000
3rd / 4th Street (P20203)						5,600,000			5,600,000
8th Street Shared Space									140,000
CDBG Sidewalk (P20301)								200,000	200,000
Goodwin Road Segment 4 (P20208)					945,600			-	945,600
Riverwalk (P20308)						108,800			108,800
Shepherd Road Enhancement (HWY 153 - Airp						-			100,000
Sign Reflectivity (P20112)						181,318			181,318
Body Worn Camera							299,992		299,992
MUSIC/Solar Pump Stations				1,462,500					1,462,500
Total Projects	6,300,000	2,050,000	250,000	1,462,500	1,745,600	6,850,118	299,992	200,000	19,648,210

RESOLUTION NO. _____

A RESOLUTION ADOPTING A FIVE-YEAR CAPITAL IMPROVEMENT PLAN FOR FISCAL YEARS 2019-2023, SUBJECT TO FUTURE REVISION; A COPY OF WHICH IS ATTACHED HERETO AND MADE A PART HEREOF BY REFERENCE.

BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF CHATTANOOGA, TENNESSEE, That there be and is hereby adopted a five-year Capital Improvement Plan for Fiscal Years 2019-2023 for the City of Chattanooga, subject to future revisions; a copy of which is attached hereto and made a part hereof by reference.

ADOPTED: _____, 2018





City of Chattanooga
 Capital Budget Summary by Department
 Fiscal Years 2019 - 2023

Department	Proposed FY2019	Proposed FY2020	Proposed FY2021	Proposed FY2022	Proposed FY2023	5 Year Total
Economic & Community Development	9,782,000	4,553,000	5,430,000	3,150,000	3,150,000	26,065,000
Fire Department	1,980,000	2,495,000	2,560,000	6,060,000	1,560,000	14,655,000
General Government/CARTA	5,479,375	4,237,383	3,295,131	403,034	715,094	14,130,017
Police Department	1,251,217	3,346,225	2,803,600	683,600	300,000	8,384,642
Public Works	21,150,000	11,000,000	7,600,000	4,940,000	4,885,000	49,575,000
Transportation	21,528,565	22,681,950	17,363,089	9,708,672	13,421,826	84,704,102
Youth & Family Development	2,550,000	3,500,000	2,000,000	2,000,000	2,000,000	12,050,000
Total General Fund	63,721,157	51,813,558	41,051,820	26,945,306	26,031,920	209,563,761
Enterprise Funds:						
Interceptor Sewer System	83,762,500	50,987,500	45,350,000	50,500,000	52,500,000	283,100,000
Solid Waste	1,000,000	500,000	500,000	500,000	500,000	3,000,000
Water Quality	4,625,000	6,640,000	8,264,000	8,540,000	8,170,000	36,239,000
Total Enterprise Funds	89,387,500	58,127,500	54,114,000	59,540,000	61,170,000	322,339,000
Total All Funds	153,108,657	109,941,058	95,165,820	86,485,306	87,201,920	531,902,761



City of Chattanooga
Capital Budget Summary by Department
Fiscal Years 2019 - 2023

Row Labels	Proposed FY2019	Proposed FY2020	Proposed FY2021	Proposed FY2022	Proposed FY2023	Total 5 Year Plan
General Government	5,479,375	4,237,383	3,295,131	403,034	715,094	14,130,017
Chattanooga Area Regional Transportation Authority	548,164	387,383	395,131	403,034	411,094	2,144,806
CARTA Facilities Projects	-	8,342	8,509	8,680	8,853	34,384
CARTA Technology Projects	156,250	28,050	28,611	29,183	29,767	271,861
CARTA Transportation Infrastructure Projects	-	25,962	26,481	27,011	27,551	107,005
CARTA Vehicles/Equipment Projects	391,914	325,029	331,530	338,160	344,923	1,731,556
Chattanooga Public Library	650,000	-	-	-	-	650,000
Electrical System Improvement Completion	200,000					200,000
Library Deck to Event Space Renovation	-					-
Library Roof Replacement	450,000					450,000
Department of Information Technology	740,000	900,000	900,000	-	304,000	2,844,000
Network Build Continuation (C30055)	-	450,000	450,000	-	304,000	1,204,000
Operations & Compliance Tools	425,000	-	-	-	-	425,000
Grants Management Technology	65,000	-	-	-	-	65,000
Security Cameras & Storage	250,000	450,000	450,000	-	-	1,150,000
Finance and Administration	1,600,111	1,450,000	1,450,000	-	-	4,500,111
Accela cloud upgrade for Treasury office	150,000	-	-	-	-	150,000
Cloud Software as a Service (SaaS)	1,450,111	1,450,000	1,450,000	-	-	4,350,111
Agency	1,941,100	1,500,000	550,000	-	-	3,991,100
Chattanooga Zoo: Africa Expansion	257,500	250,000	250,000			757,500
Chattanooga State TCAT (Tenn Center of Applied Tech)	100,000					100,000
Erlanger Children's Hospital	250,000	250,000	250,000			750,000
Fallen Five (total project cost per res#29347)	500,000					500,000
Johnson Pre-Arrest Diversion Building Modifications	208,600	-	-	-	-	208,600
Johnson Recovery Housing Project Implementation	50,000	-	-	-	-	50,000
La Paz Chattanooga - New Cultural Center	-	100,000	50,000			150,000
Medal of Honor Museum	-	250,000				250,000
Sculpture Fields Restrooms for Montegue City Park	75,000	-	-	-	-	75,000
Stadium Digital Videoboard	150,000	150,000	-	-	-	300,000
Tivoli Foundation Annual Capital Appropriation	350,000	500,000	-	-	-	850,000
Economic and Community Development	9,782,000	4,553,000	5,430,000	3,150,000	3,150,000	26,065,000
Economic and Community Development	9,782,000	4,553,000	5,430,000	3,150,000	3,150,000	26,065,000
3rd/4th Street Master Plan	60,000	-	-	-	-	60,000
Affordable Housing Trust	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	5,000,000
Airport Area Master Plan	150,000	-	-	-	-	150,000
Chattown Skate Park	75,000	320,000	2,280,000	-	-	2,675,000
East Lake Park Enhancements	100,000	-	-	-	-	100,000
ECD Public Arts - 1% Art Boost	150,000	150,000	150,000	150,000	150,000	750,000
Harris Johnson Park Redesign & Renovation	100,000	-	-	-	-	100,000
Lupton City Cleanup (G30011)	250,000	-	-	-	-	250,000
Lynnbrook Park	100,000	1,000,000	-	-	-	1,100,000
Miller Park	6,300,000	-	-	-	-	6,300,000
Neighborhood Reinvestment Fund (NRF)	1,000,000	1,500,000	2,000,000	2,000,000	2,000,000	8,500,000
Parks and Greenways Master Plan	200,000	-	-	-	-	200,000
Sterchi Farm Redevelopment Phase I Remainder	297,000	-	-	-	-	297,000
Sterchi Farm Redevelopment Phase II	-	583,000	-	-	-	583,000

Row Labels	Proposed FY2019	Proposed FY2020	Proposed FY2021	Proposed FY2022	Proposed FY2023	Total 5 Year Plan
Police Department	1,251,217	3,346,225	2,803,600	683,600	300,000	8,084,650
Police Department	1,251,217	3,346,225	2,803,600	683,600	300,000	8,084,650
Body Worn Camera	299,992	-	-	-	-	299,992
Civil Unrest Equipment	-	94,500	-	-	-	94,500
CPD Crime Scene Van Replacement	-	80,000	-	-	-	80,000
CPD Internal Affairs Security Enhancements	-	75,000	-	-	-	75,000
Crime Scene Facility at PSC	-	-	120,000	-	-	120,000
Firing Range	150,000	2,000,000	2,000,000	-	-	4,150,000
In-Car Cameras	-	300,000	300,000	300,000	300,000	1,200,000
Interview Rooms	150,000	-	-	-	-	150,000
Police Laptops	300,000	300,000	300,000	300,000	-	1,200,000
Police Service Center Ground Level Generator Replacement	138,000	-	-	-	-	138,000
Police Service Center Roof Replacement	-	340,000	-	-	-	340,000
RTIC - Public Safety Cameras	213,225	156,725	83,600	83,600	-	537,150
Fire Department	1,980,000	2,495,000	2,560,000	6,060,000	1,560,000	14,655,000
Fire Department	1,980,000	2,495,000	2,560,000	6,060,000	1,560,000	14,655,000
CFD Apparatus Replacement Plan	1,000,000	1,500,000	1,500,000	1,500,000	1,500,000	7,000,000
Hazardous Materials Monitoring and Detection Equipment Replacement	150,000	135,000	-	-	-	285,000
Hydraulic Equipment Replacement ("Jaws of Life")	605,000	-	-	-	-	605,000
Regional Training Facility	75,000	500,000	-	4,500,000	-	5,075,000
Station 15 Replacement	150,000	300,000	1,000,000	-	-	1,450,000
Station Capital Maintenance - Exhaust System Replacements	-	60,000	60,000	60,000	60,000	240,000
Public Works	21,150,000	11,000,000	7,600,000	4,940,000	4,885,000	49,575,000
Public Works	21,150,000	11,000,000	7,600,000	4,940,000	4,885,000	49,575,000
1st Street Steps	800,000	-	-	-	-	800,000
Building Energy Efficiency Upgrades (K17217)	500,000	300,000	-	-	-	800,000
Central Business District Litter Receptacles	-	50,000	25,000	25,000	25,000	125,000
City Buildings & YFD Centers Major Maintenance	2,000,000	1,500,000	1,500,000	1,500,000	1,500,000	8,000,000
City Yard Improvements	-	50,000	50,000	50,000	50,000	200,000
Fleet Leasing Program Capital	5,000,000	6,000,000	3,000,000	3,000,000	3,000,000	20,000,000
Garbage Truck Turn Around	50,000	50,000	50,000	50,000	50,000	250,000
Golf Course Improvements	-	50,000	50,000	50,000	50,000	200,000
Golf Course Maintenance Equipment Replacement	200,000	150,000	125,000	115,000	110,000	700,000
Greenway Farm Conference Center Replacement (K18124)	750,000	-	-	-	-	750,000
Heritage Park	400,000	-	-	-	-	400,000
Holmberg Bridge Lighting and Access Improvements (K11102)	500,000	-	-	-	-	500,000
Innovation District	-	450,000	1,000,000	-	-	1,450,000
Knuckleboom	600,000	-	-	-	-	600,000
Landscaping/hardscape Improvements	250,000	-	-	-	-	250,000
New UTC Hitting Facility and Field Maintenance Facility located on the south side of the city	-	2,000,000	-	-	-	2,000,000
Parks ADA Repairs	100,000	50,000	50,000	50,000	-	250,000
Parks, Playgrounds, Field Maintenance	100,000	150,000	100,000	100,000	100,000	550,000
South Chattanooga Creek Greenway	100,000	200,000	-	-	-	300,000
Vehicle/Equipment Replacement Plan (Garbage Truck) - K17220	750,000	-	-	-	-	750,000
Walnut Street Bridge Rehabilitation - K18126	5,000,000	-	1,000,000	-	-	6,000,000
Walnut Street Bridge Lighting	4,050,000	-	-	-	-	4,050,000

Row Labels	Proposed FY2019	Proposed FY2020	Proposed FY2021	Proposed FY2022	Proposed FY2023	Total 5 Year Plan
Walnut Street Plaza	-		650,000			650,000
Transportation	21,528,565	22,681,950	17,363,089	9,708,672	13,421,826	83,454,102
Asset Management	5,950,000	4,973,750	4,815,688	4,994,672	5,236,426	25,970,536
Bridge Repair / Replace	900,000	515,000				1,415,000
Roadway Base Failure (P20216)	200,000	300,000	250,000	250,000	250,000	1,250,000
Roadway Slope Failure (P20205)	150,000	300,000	250,000	200,000	200,000	1,100,000
Street Improvements (paving) (P20201)	3,500,000	3,618,750	4,051,688	4,254,272	4,466,986	19,891,696
TIP Paving (P20214)	1,200,000	240,000	264,000	290,400	319,440	2,313,840
CDOT	15,578,565	17,708,200	12,547,401	4,714,000	8,185,400	57,483,566
3rd / 4th Street (P20203)	7,000,000	7,400,000	912,000			15,312,000
8th Street Shared Space	140,000					140,000
Alley Program	250,000	250,000	350,000	450,000	500,000	1,800,000
Airport Area Road Improvements	-	840,000	1,000,000	1,850,000	5,100,000	8,790,000
Caine Lane Greenway Connector, North (P20124)	411,247					411,247
Caine Lane Greenway Connector, South	875,000					875,000
CDBG Sidewalk (P20301)	300,000	300,000	300,000	300,000	300,000	1,500,000
CDOT Fleet (P20127)	480,000	400,000	350,000	230,000	235,000	1,695,000
Central Avenue (P20204)	-		1,950,400			1,950,400
CMAQ Bike Lanes (P20505)	-	1,700,000				1,700,000
Complete Streets: Market 25th, sidewalk, streetscape & medians	-	250,000	725,000			975,000
Complete Streets: On 26th (Market to Wheland Site no median)	1,250,000	-				1,250,000
Goodwin Road Segment 4 (P20208)	1,182,000	2,204,000	2,704,000			6,090,000
Hwy 58 Shared Use Path (P20503)	-	348,189				348,189
Midtown Pathway	150,000	467,151				617,151
Multimodal Corridor Improvements	-	-	294,235			294,235
Multimodal Corridor Improvements: Browns Ferry	-	-	966,926			966,926
Multimodal Corridors	-	40,000	60,000	240,000	60,000	400,000
Passenger Rail	-	-	-	80,000	-	80,000
Patten Parkway (P20217)	1,150,000	2,000,000				3,150,000
Riverwalk (P20308)	136,000	-	-	-	-	136,000
Shallowford Road, Airport to Jersey	-	198,860	1,503,840			1,702,700
Shepherd Road Enhancement (HWY 153 - Airport)	773,000					773,000
Sidewalks (P20306)	820,000	1,210,000	1,331,000	1,464,000	1,610,400	6,435,400
Sign Reflectivity (P20112)	181,318					181,318
South Chickamauga Greenway Connector Youngstown (P20126)	350,000					350,000
Streetscape - Transportation Enhancement Initiative (TEI) (P20302)	100,000	100,000	100,000	100,000	100,000	500,000
Advondale Trail Implementation	-				80,000	80,000
Transit Improvements	-				200,000	200,000
Transit Network Redesign	30,000				-	30,000
Youth & Family Development	2,550,000	3,500,000	2,000,000	2,000,000	2,000,000	12,050,000
YFD	2,550,000	3,500,000	2,000,000	2,000,000	2,000,000	12,050,000
YFD Centers Renovation (N40101)	-	2,000,000	2,000,000	2,000,000	2,000,000	8,000,000
Washington Hill Recreation Center	2,000,000					2,000,000
YFD/Orange Grove Fitness Collaboration	50,000	1,500,000				1,550,000
YFD Technology Upgrade	500,000					500,000

Row Labels	Proposed FY2019	Proposed FY2020	Proposed FY2021	Proposed FY2022	Proposed FY2023	Total 5 Year Plan
Solid Waste	1,000,000	500,000	500,000	500,000	500,000	3,000,000
Solidwaste	1,000,000	500,000	500,000	500,000	500,000	3,000,000
Landfill Equipment Maintenance	500,000	500,000	500,000	500,000	500,000	2,500,000
New Solid Waste and Recycle Facility - K60107	500,000					500,000
Interceptor Sewer Fund	83,762,500	50,987,500	45,350,000	50,500,000	52,500,000	263,100,000
SRF-Maintenance Required - 6011	4,000,000	24,000,000	13,000,000	36,000,000	23,000,000	80,000,000
Contingency - MBWWTP Improvements	-	4,000,000	3,000,000	4,000,000	3,000,000	14,000,000
MBWWTP Oxygen Plant Replacement	-			12,000,000		12,000,000
MBWWTP Solids Process Optimization Implementation - Phase 4 (Digester Improvements)		20,000,000	10,000,000	20,000,000	20,000,000	50,000,000
MBWWTP Unox Piping Replacement	4,000,000					4,000,000
SRF - Consent Decree - 6012	45,000,000	10,000,000	18,500,000	8,000,000	24,000,000	105,500,000
Citico Force Main Replacement	5,000,000					5,000,000
Focused SSES and Rehab - Phase II	-		8,500,000	8,000,000	8,000,000	24,500,000
Friars Branch Interceptor Improvements - Phase 2	-	10,000,000				10,000,000
Hixson Pump Station No. 1 Storage	-				16,000,000	16,000,000
South Chickamauga Creek Storage	-		10,000,000			10,000,000
Wet Weather Sewer Storage - Phase 3	20,000,000					20,000,000
Wet Weather Sewer Storage - Phase 4	20,000,000					20,000,000
Fund Balance/Operations	34,762,500	16,987,500	13,850,000	6,500,000	5,500,000	77,600,000
Central Avenue Interceptor Sewer	-		6,000,000			6,000,000
Contingency - Plans and Studies	200,000	200,000	200,000	200,000	200,000	1,000,000
Implementation of CD Green Infra Projects in the CSS	500,000	500,000	500,000	500,000	500,000	2,500,000
Implementation of Vulnerability Recommendations	500,000	500,000	500,000	500,000		2,000,000
Laboratory Equipment	100,000	-	-	-	-	100,000
Long Term Control Plan Upgrades	2,262,500	2,737,500	-			5,000,000
Lupton City Sewer Rehabilitation	-	3,000,000				3,000,000
MBWWTP SSO Reduction/Elimination Study	-		500,000			500,000
MBWWTP Warehouse Improvements	500,000			1,500,000		2,000,000
MBWWTP Wet Weather Treatment Feasibility Study	-		500,000			500,000
Pretreatment Boat Replacement	100,000					100,000
Program Management For Consent Decree Implementation	2,100,000	1,800,000	1,800,000	1,800,000	1,800,000	9,300,000
Pump Station Generator 1	-		750,000			750,000
Pump Station Generator 2	-		750,000			750,000
Pump Station Generator 3	-				1,500,000	1,500,000
Pump Station Improvements (FY19)	3,700,000	-	2,000,000	2,000,000	1,500,000	9,200,000
MBWWTP Renewable Solar	2,250,000	2,250,000	-	-		4,500,000
MUSIC/Solar Pump Stations	1,950,000					1,950,000
Sewer Maintenance Equipment	450,000					450,000
Sewer Settlement Repair	500,000					500,000
South Chic 2 and 3 Interceptor Rehab	15,000,000					15,000,000
South Chickamauga Creek 3 Rehabilitation	-	6,000,000				6,000,000
VAAP Pump Station Upgrade	4,650,000					4,650,000
West Tiftonia Sewer Connector Rehabilitation	-		350,000			350,000

Row Labels	Proposed FY2019	Proposed FY2020	Proposed FY2021	Proposed FY2022	Proposed FY2023	Total 5 Year Plan
Water Quality	4,625,000	6,640,000	8,264,000	8,540,000	8,170,000	36,239,000
Water Quality	4,625,000	6,640,000	8,264,000	8,540,000	8,170,000	36,239,000
Arden Ave Drainage Improvements	-	-	250,000	-	-	250,000
Automated Flood warning system	-	150,000	150,000	150,000	-	450,000
Avondale YFD GI Project	800,000	-	-	-	-	800,000
Brainerd & South Howell	-	-	964,000	-	-	964,000
Central Avenue Ext Separation Project (K80131)	325,000	1,300,000	-	-	-	1,625,000
Central Avenue Ext Separation Project (Central Ave/MLK)	-	-	-	-	2,000,000	2,000,000
Central Avenue Ext Separation Project (Lincoln Park System-Phase II)	-	-	-	-	2,000,000	2,000,000
Citico Creek Restoration (Upper Citico Creek Culvert Improvements Project)	-	-	-	2,290,000	-	2,290,000
Dartmouth/Five Points Watershed SIP - Phase I	350,000	-	-	-	-	350,000
Davidson Road (K80153)	-	1,400,000	1,500,000	1,200,000	-	4,100,000
East Lake WQ Restoration Project (K80143)	400,000	-	-	-	-	400,000
Elder Mountain Road	-	-	-	-	890,000	890,000
Floodplain Modeling	-	200,000	200,000	-	200,000	600,000
GI Prioritization Tool	50,000	50,000	-	-	-	100,000
Glass Street Area / Taylor St, Dodson Ave, Crutchfield St	-	350,000	-	1,500,000	1,000,000	2,850,000
Granada Dr. System Relocation (Collapsed upstream WPA connection)	-	-	350,000	-	-	350,000
Green Alley Program	150,000	150,000	150,000	150,000	150,000	750,000
Green Infrastructure SOV Bank	250,000	-	250,000	-	250,000	750,000
Heavy Equipment	700,000	-	670,000	-	-	1,370,000
Latta St (Upper Citico Creek Culvert Improvements Project)	-	-	167,000	-	-	167,000
Lynnbrook WPA Ditch Improvements	200,000	-	-	-	-	200,000
Monitoring Lab/Storage	-	150,000	-	-	-	150,000
On-Call Landscape Design	100,000	100,000	-	100,000	-	300,000
Operations Building / Fleet Maintenance and Storage	-	350,000	100,000	-	-	450,000
Patten Parkway Separation Project (K80147)	1,000,000	950,000	-	1,000,000	-	2,950,000
Patten Parkway Separation Project (Remaining Basin System Installation)	-	-	-	1,200,000	-	1,200,000
Pump Station Repairs	-	500,000	1,500,000	500,000	-	2,500,000
Regional Detention Buffer/Easement	-	-	350,000	350,000	350,000	1,050,000
Riverfront Parkway/MLK CSS Project Phase II	250,000	-	-	-	-	250,000
Riverfront Parkway/MLK CSS Separation Project Phase III	-	640,000	-	-	-	640,000
Riverfront Parkway/MLK CSS Separation Project Phase IV	-	-	640,000	-	-	640,000
Riverside Dr (Upper Citico Creek Culvert Improvements Project)	-	-	173,000	-	-	173,000
Stream Buffer Conservation	50,000	100,000	100,000	-	200,000	450,000
Stream Restoration/Various Sites	-	250,000	250,000	-	250,000	750,000
Stuart St (Upper Citico Creek Culvert Improvements Project)	-	-	150,000	-	-	150,000
USACE/FEMA Floodplain Culvert Replacement Projects	-	-	100,000	100,000	250,000	450,000
Wisdom St (Upper Citico Creek Culvert Improvements Project)	-	-	-	-	630,000	630,000
WPA - N. Market St, Branch /Renaissance Park WQ Improvements	-	-	250,000	-	-	250,000
Grand Total	153,108,657	109,941,058	95,165,820	86,485,306	87,201,920	510,352,769
General Fund Projects	63,721,157	51,813,558	41,051,820	26,945,306	26,031,920	208,013,769
Enterprise Projects	89,387,500	58,127,500	54,114,000	59,540,000	61,170,000	302,339,000