

Our mission is to break down the barriers that prevent people from living the lives they want in our community.



SAFER STREETS | GROWING ECONOMY | STRONGER NEIGHBORHOODS

CITY OF CHATTANOOGA

CAPITAL BUDGET 2020-2024



HIGH PERFORMING GOVERNMENT | SMARTER STUDENTS, STRONGER FAMILIES



Introduction

The FY2020-2024 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 \$50,000 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 25 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 this FY20 capital budget.

FY20 Highlights – Capital Budget

- Key investments in crime prevention as support continues for the real time intelligence center
- Significant investment in replacement of fire apparatus and much needed Station 15 design
- Street improvements and repairs of almost \$29 million, the highest ever
- Funding for CARTA improvements including vehicle replacements and security cameras
- 100% curbside recycling to all City residents
- Additional funding for YFD sites and facilities
- Protect neighborhood affordability through continued funding of Chattanooga’s affordable housing fund
- Additional funding to complete key segments of our greenway system
- Open spaces expansion
- State of the art financial planning tools to ensure our dollars and investments are protected
- Investments in early learning, including new curriculum, repairs and security improvements at Head Start facilities, and planning for new Head Start facilities
- Continued investment in our library as a strong learning partner for our community
- Support 1000 new jobs at Volkswagen
- Continued funding of the Neighborhood Reinvestment Fund to make targeted investments in neighborhood infrastructure and commercial areas
- Continued neighborhood development such as streetscape improvements near the new Save-a-Lot
- Preparing for potential expansion of new jobs at the former Tubman site
- Support of new Health & Wellness district through support of the 3rd and 4th St infrastructure project

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 FY20 projects, and a list of future year projects are shown at the end of each results area.

Growing Economy

FY20 Offers Funded: 13
 FY20 City Funding: \$10,534,700
 FY20 External Funding: \$9,583,772

3rd / 4th Street (REQ)

This project will create a new connection between 3rd Street and Riverside Drive at Siskin Drive, bring the intersection of Riverside Drive and Mabel Street to an at-grade intersection, streetscape improvements along 4th Street between Georgia Ave and 3rd Street, transforming 3rd Street between Mabel and Palmetto by creating a boulevard style street with 2 lanes each direction with on-street parking and sidewalks, lane adjustments on 3rd Street with addition of on-street parking through the hospital area, and convert Lindsay and Houston to 2-way streets between Riverside Drive and Vine Street, and transforming to a boulevard style roadway between Siskin and High Street that includes on-street parking and sidewalks. A greenway connection between 3rd Street and the Riverwalk will also be included in the project. This project is in the FY 2017 - 2020 Transportation Improvement Program (TIP), a regional plan that programs federal funds received in the City.

FY20 Percent External	Proposed FY20	Proposed FY21	Proposed FY22	Proposed FY23	Proposed FY24	CIP Total
80%	8,500,000	8,500,000	0	0	0	17,000,000

Area 3 Commercial District Streetscape Improvements

This project will fund streetscape improvements in the vicinity of Glass Street and the new Sav-a-lot Grocery.

FY20 Percent External	Proposed FY20	Proposed FY21	Proposed FY22	Proposed FY23	Proposed FY24	CIP Total
0%	225,000	0	0	0	0	225,000

Charles H. Coolidge Medal of Honor Heritage Center

The Charles H. Coolidge Medal of Honor Heritage Center is in the midst of its \$6 million capital campaign to design and build a new, expanded 19,000 square foot Heritage Center in the heart of downtown Chattanooga at the Aquarium Plaza. This offer is the City of Chattanooga’s fundraising

support for the project.

FY20 Percent External	Proposed FY20	Proposed FY21	Proposed FY22	Proposed FY23	Proposed FY24	CIP Total
0%	250,000	0	0	0	0	250,000

Environmental Protection Agency (EPA) Brownfield Cleanup Grant Cost Share

This offer funds a required 20% grant cost share, if awarded during this competition cycle, to carry out cleanup activities at the former CSX South Chattanooga line. Cost share may be in the form of a contribution of money, material or services. The proposed site is the former CSX South Chattanooga line. The property consists of approximately 1.2 miles of abandoned CSX rail and rail right-of-way addressed as 3225 Broad Street. The property is owned by the City of Chattanooga and is in width from about 60 to 80 feet, occupying about 9.88 acres. The City would like to develop the property into an Americans with Disabilities Act- accessible trail.

FY20 Percent External	Proposed FY20	Proposed FY21	Proposed FY22	Proposed FY23	Proposed FY24	CIP Total
83%	600,000	0	0	0	0	600,000

ESIP - Ferdinand Piech Way modifications

This project includes modifications at the intersection of Ferdinand Piech Way and Hwy 58 and a turn lane to accommodate the new Harrison Elementary School slated to open in August 2020. It is funded jointly by the City and County.

FY20 Percent External	Proposed FY20	Proposed FY21	Proposed FY22	Proposed FY23	Proposed FY24	CIP Total
50%	1,100,000	0	0	0	0	1,100,000

Lynnbrook Park

Lynnbrook Park is a 1.4-acre vacant site that will be the location of both a stream restoration project and linear park. This is Chattanooga's first park project identified through the Trust for Public Land's Climate-Smart Cities decision support tool, which uses park, transportation, health and environmental data to target the most impactful park investments. Lynnbrook Park is located in an area currently lacking access to public parks. Over 3,000 people living within a 10-minute walk of this vacant lot will be able to access a high-quality public space once constructed. Redevelopment of this site into a public

park is a high priority for the city, as it will contribute to the revitalization and empowerment of the Oak Grove neighborhood, which is denser and more diverse than the city as a whole. This funding will finalize the design funding allocation for the project.

FY20 Percent External	Proposed FY20	Proposed FY21	Proposed FY22	Proposed FY23	Proposed FY24	CIP Total
0%	137,000	100,000	0	0	0	237,000

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.

FY20 Percent External	Proposed FY20	Proposed FY21	Proposed FY22	Proposed FY23	Proposed FY24	CIP Total
18%	2,447,772	0	0	0	0	2,447,772

Public Art in New Capital Construction

Based on recommendations from the 2019 Public Art Strategic Plan, a portion of the Capital funds calculated for public art have been reserved to support project administration and maintenance. The remaining funds have been allocated to five FY20 Capital Projects to accommodate meaningful integration of public art: Woodmore Safe Routes to School, Washington Hills YFD Site Improvements, Lynbrook Park Design, Chattown Skatepark Design, and City Facilities/Campus Planning & Design. Also included are maintenance funds for the Fallen Five Memorial and the removal of concrete pads and lawn repair related to past temporary art displays.

FY20 Percent External	Proposed FY20	Proposed FY21	Proposed FY22	Proposed FY23	Proposed FY24	CIP Total
0	212,700	0	0	0	0	212,700

Stadium Digital Videoboard

Final half of funding pledge towards \$600,000+ stadium renovation project which upgraded scoreboard to modern Daktronics Videoboard.

FY20 Percent External	Proposed FY20	Proposed FY21	Proposed FY22	Proposed FY23	Proposed FY24	CIP Total
0%	150,000	0	0	0	0	150,000

Tivoli Foundation Annual Capital Appropriation

This project provides adjust contractual capital funds to the Foundation and includes supplemental funds for chiller replacement.

FY20 Percent External	Proposed FY20	Proposed FY21	Proposed FY22	Proposed FY23	Proposed FY24	CIP Total
0	450,000	0	0	0	0	450,000

Volkswagen Matching-Incentive for Electric Vehicle Production Facility

Volkswagen North America has selected Chattanooga, TN for production of its first battery-powered electric vehicle. The proposed facility's \$800 million investment, with more than 1,000 full-time jobs, would be constructed on the site of Volkswagen's existing Chattanooga plant at Enterprise South Industrial Park. In an effort to recruit electric vehicle manufacturing to Tennessee, the State of Tennessee offered a \$50 million in cash grant incentive. The City of Chattanooga and Hamilton County governments were asked to provide a match by offering \$2.5 million each in cash incentives.

FY20 Percent External	Proposed FY20	Proposed FY21	Proposed FY22	Proposed FY23	Proposed FY24	CIP Total
0%	2,500,000	0	0	0	0	2,500,000

Walnut Plaza/Holmberg Bridge/Ed Johnson Site Prep

The project was highlighted for needed improvements within the Ramble Master Plan from February 2016. The Ramble plan seeks to enhance the existing routes and paths of downtown Chattanooga’s Riverfront and to extend quality connections and access into the City. This remains one of the most frequented pedestrian routes within in the city connecting citizens to the river. The public notes this part of our city as one of the best places to enjoy the public realm, our city, and our natural setting. This space connects a river and Walnut Street bridge experience to the bluffs and ultimately the riverfront. Due to its frequent use, attention to detail and a focus on high-quality, long-lasting materials is very important. Project scope includes Walnut Plaza, site preparation for the Ed Johnson Memorial, and replacement of the Holmberg Bridge stairs.

FY20 Percent External	Proposed FY20	Proposed FY21	Proposed FY22	Proposed FY23	Proposed FY24	CIP Total
66%	1,586,000	0	0	0	0	1,586,000

Walnut Street Bridge

The Bridge was rehabilitated in the early 90's, with ongoing maintenance projects about every 3-5 years. After 25 yrs. significant repairs need to be made for the integrity of the Iconic Bridge for the next 25 yrs. Repairs, include replacement of the wood decking, electrical upgrades and lighting, structural repairs,

along with Sandblasting the bridge to the bare metal and installing a new protective coating system. Additional work below the water surface is planned in the out years to further stabilize the piers.

FY20 Percent External	Proposed FY20	Proposed FY21	Proposed FY22	Proposed FY23	Proposed FY24	CIP Total
0%	1,960,000	0	0	200,000	0	2,160,000

Stronger Neighborhoods

FY20 Offers Funded: 32

FY20 City Funding: \$13,555,337

FY20 External Funding: \$26,884,750

2850 Hamill Road (FEMA)

Slope failure from excessive rainfall resulting in potential for partial roadway closure. The roadway was resurfaced through the failure area in December 2018 and wasn't exhibiting signs of new distress until after the mid-Feb rainfall event. Roadway is now settling and cracking in same location as prior to the rain event.

FY20 Percent External	Proposed FY20	Proposed FY21	Proposed FY22	Proposed FY23	Proposed FY24	CIP Total
88%	5,000,000	0	0	0	0	5,000,000

5500 Lake Resort Drive (FEMA)

Slope failure from excessive rainfall resulting in partial roadway closure with strong potential for full roadway closure. Eastbound lane of roadway has scarp forming and has significant movement. Cracking and evidence of slope movement observed below roadway as well.

FY20 Percent External	Proposed FY20	Proposed FY21	Proposed FY22	Proposed FY23	Proposed FY24	CIP Total
88%	9,000,000	0	0	0	0	9,000,000

Affordable Housing 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. This money is appropriated to the Health, Education and Housing Facilities Board.

FY20 Percent External	Proposed FY20	Proposed FY21	Proposed FY22	Proposed FY23	Proposed FY24	CIP Total
0%	1,000,000	1,000,000	1,000,000	1,000,000		4,000,000

Alton Park Riverwalk Connector

The Alton Park Riverwalk Connector will construct a shared use path along a former rail line that parallels 33rd St. and connects the Riverwalk on the west and Alton Park and Southside Community Park on the east. CDOT is partnering with the Trust for Public Land, who has donated the former rail property to the City and is leading community engagement and design.

FY20 Percent External	Proposed FY20	Proposed FY21	Proposed FY22	Proposed FY23	Proposed FY24	CIP Total
0%	150,000	0	200,000	2,000,000	0	2,350,000

Bridge Management & Maintenance (Bailey Ave) - Multiple Locations (Local Funds Capital Projects - Not tied to TIP)

Repair structures and appurtenances on the network of City-owned bridges on as-needed basis, in accordance with findings in regular TDOT inspections and reports on the bridges. There are 6 City-owned bridges which TDOT has classified as Structurally Deficient. The first bridge that will be addressed with this funding request is the Bailey Avenue Bridge over the railroad and EPB yards (bridge requires bearing replacement and joint rehabilitation).

FY20 Percent External	Proposed FY20	Proposed FY21	Proposed FY22	Proposed FY23	Proposed FY24	CIP Total
0%	950,000	1,000,000	1,000,000	1,000,000	1,000,000	4,950,000

CARTA Facilities Projects

This project is for the rehabilitation of administration, maintenance, and CARTA's intermodal facilities. Rehabilitation of CARTA's administration and maintenance facilities projects include repairs to the bus barn, repair/replacement of sprinkler system, repairs/replacement of hvac equipment, the replacement of rollup doors for CARTA's maintenance shop, track work, rehabilitating electrical/lighting system. This project also includes funding for the replacement or addition of three to four bus shelters to CARTA's service area, including site work and design. Most of CARTA's bus shelters are on the city of Chattanooga right of way, and CARTA coordinates with the Chattanooga Department of Transportation when a new shelter will be installed. CARTA is in the process of hiring an architect/engineer to help CARTA evaluate these projects, prioritize, prepare specifications, etc.

FY20 Percent External	Proposed FY20	Proposed FY21	Proposed FY22	Proposed FY23	Proposed FY24	CIP Total
0%	40,137	41,341	42,581	43,858	45,174	213,091

CARTA Technology Projects

This project includes CARTA's estimate for needed replacements of computers and other administrative hardware (printers, monitors, switches etc.) to replace aging machines. In addition, this project also includes replacement on board routers for its fixed route and shuttle buses. These routers are aging and no longer supported by the manufacturer. This project also includes the replacement of tablets for its Care-A-Van fleet of vehicles with more rugged units that can withstand the amount of vibration on board the vehicle. These more rugged on board units will more reliably communicate the driver's real-time manifests (pick-ups and drop-offs) to them.

FY20 Percent External	Proposed FY20	Proposed FY21	Proposed FY22	Proposed FY23	Proposed FY24	CIP Total
0%	29,712	28,050	28,611	29,183	29,767	145,323

CARTA Vehicles & Equipment

This project is for the replacement of up to five fixed route transit coaches, approximately two of which will be all electric coaches. Currently, 75% of CARTA's fixed route fleet is past its useful life of 12 years; most of the vehicles past their useful life are between 16-20 years old. The average mileage for the entirety of CARTA's fixed route fleet is 508,071. It is CARTA's overall goal to transition to an all-electric fleet, and CARTA is working towards slowly adding more electric coaches into its fixed route fleet.

Replacement of 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 (hose reel replacements, scaffolding, etc.) for use within CARTA's system.

FY20 Percent External	Proposed FY20	Proposed FY21	Proposed FY22	Proposed FY23	Proposed FY24	CIP Total
0%	360,029	675,000	680,000	690,000	250,000	2,655,0290

CDBG Sidewalks

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.

FY20 Percent External	Proposed FY20	Proposed FY21	Proposed FY22	Proposed FY23	Proposed FY24	CIP Total

100%	200,000	100,000	100,000	100,000	100,000	600,000
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Central Avenue (REQ)

Project includes two through lanes for car traffic, planted median, streetscape, complete streets facilities, bridge, intersection improvements, and direct bike/pedestrian connection to the Riverwalk. This project is in the FY 2017 - 2020 Transportation Improvement Program (TIP), a regional plan that programs federal funds received in the City.

FY20 Percent External	Proposed FY20	Proposed FY21	Proposed FY22	Proposed FY23	Proposed FY24	CIP Total
80%	1,370,000	2,000,000	10,500,000	0	0	13,870,000

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 public engagement for 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 FY19 OCOS was awarded an additional \$100,000 to add a boat launch, interactive signs and trail re-design. Since then a number of ADA accessible code compliance measures have needed to take place which has forced us to reallocate funding. The original redesign did not address some of the structures within the park; therefore, additional funds have been requested to replace/repair the pavilions, restrooms, etc. Additionally, the City is planning to use Neighborhood Reinvestment funds to enhance adjacent streets and to create a safe walk to/from the YFD and East Lake Academy. With this investment, the park will shine as a crown jewel for the surrounding neighborhoods and the City.

FY20 Percent External	Proposed FY20	Proposed FY21	Proposed FY22	Proposed FY23	Proposed FY24	CIP Total
0%	150,000	0	0	0	0	150,000

Elder Mountain Road Slope Stabilization and Roadway Improvements (FEMA)

Slope failure from excessive rainfall resulting in partial roadway closure. Failure plane extends across entire roadway. City constructed a temp lane along the uphill ditch to allow alternating traffic through the failure zone. Cracking and evidence of slope movement observed below roadway as well.

FY20 Percent External	Proposed FY20	Proposed FY21	Proposed FY22	Proposed FY23	Proposed FY24	CIP Total

87.5%	7,000,000	0	0	0	0	7,000,000
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Greenway Farm Conference Center Replacement

Currently at 100% design. Architect construction cost estimate is about \$250K higher than currently funded plus construction RPR & material testing. Additional funding is to address sitework that will need to be done in conjunction with building replacement to address drainage, traffic flow, parking, landscaping, etc. Funding will also include a natural playscape to be built in the park in the vicinity of the new conference center.

FY20 Percent External	Proposed FY20	Proposed FY21	Proposed FY22	Proposed FY23	Proposed FY24	CIP Total
0%	300,000	0	0	0	0	300,000

Greenway Farm, 3008 Hamill Road, Chattanooga, TN (FEMA)

FEMA repair for creek flooding and bank erosion.

FY20 Percent External	Proposed FY20	Proposed FY21	Proposed FY22	Proposed FY23	Proposed FY24	CIP Total
87.5%	50,000	0	0	0	0	50,000

Heritage Park (FEMA)

FEMA repair; dam undermined (concrete wall functioning as weir).

FY20 Percent External	Proposed FY20	Proposed FY21	Proposed FY22	Proposed FY23	Proposed FY24	CIP Total
87.5%	10,000	0	0	0	0	10,000

Increased Curbside Recycling

The CWS Division of Public Works actively promotes and services the use of recycle containers for household residents. The coordination with multiple recycling partners will allow for 100% participation of household residents with the addition of 30,000 containers. In the past fiscal year over 18,875 tons were diverted from the landfill in the same period in part of the City’s ongoing waste diversion program to ensure compliance with the State of Tennessee’s Solid Waste Management Plan. The participation with the Curbside Recycle Grant will aid in achieving and maintaining 25% diversion

the State has established.

FY20 Percent External	Proposed FY20	Proposed FY21	Proposed FY22	Proposed FY23	Proposed FY24	CIP Total
100%	1,600,000	0	0	0	0	1,600,000

Marina Floating Dock, 201 Riverfront Parkway, Chattanooga, TN (FEMA)

FEMA repair, floating dock shifted and twisted in fast moving River flood and sustained structural damage

FY20 Percent External	Proposed FY20	Proposed FY21	Proposed FY22	Proposed FY23	Proposed FY24	CIP Total
87.5%	10,000	0	0	0	0	10,000

Neighborhood Reinvestment Fund

The intent of the Neighborhood Reinvestment Fund is to make targeted investments in under-invested neighborhoods across the city, guided by plans adopted by the Chattanooga City Council and needs identified by neighborhoods themselves and City staff.

FY20 Percent External	Proposed FY20	Proposed FY21	Proposed FY22	Proposed FY23	Proposed FY24	CIP Total
0%	200,000	1,000,000	1,500,000	2,000,000	2,000,000	6,700,000

Parks ADA Repairs

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. Based off the assessment, we received a lengthy list of needs that will require immediate attention from the City. Parks & Engineering have begun some of these repairs with current funding but based on initial cost estimate, total repairs are estimated at \$1,000,000. Funding could also extend initial assessment to Park sites not included in original program.

FY20 Percent External	Proposed FY20	Proposed FY21	Proposed FY22	Proposed FY23	Proposed FY24	CIP Total
0%	200,000	300,000	200,000	100,000	0	800,000

The Parks Division maintains and repairs the several public restroom, pavilions, barns, and other building structures throughout the park system. Parks Division will continue replacement of heavily worn and damaged playground equipment at many sites that are near the end of typical life and requires expensive repairs to remain in safe and usable condition. Parks has a 3rd party consultant on contract to access condition and give recommendation for replacement. 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. Several projects are in progress and/or have been completed at these sites along with other park sites. However there is a major need to update field lighting systems at a majority of these sites and a public request has been made to replace the Ted Bryant Park pavilion.

FY20 Percent External	Proposed FY20	Proposed FY21	Proposed FY22	Proposed FY23	Proposed FY24	CIP Total
0%	300,000	300,000	700,000	700,000	700,000	2,700,000

Pavement Preventative Maintenance

This project will allow the department to provide pavement preventative maintenance 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 pavement preventative maintenance can be provided, the better for the asset so the roadway does not further deteriorate. Existing funds will be utilized in FY 2020; contract is expected to let by May 2019.

FY20 Percent External	Proposed FY20	Proposed FY21	Proposed FY22	Proposed FY23	Proposed FY24	CIP Total
0%	250,000	250,000	250,000	250,000	250,000	1,250,000

Chattanooga Design Studio (Public Realm Tactical Pilot Projects)

The Chattanooga Design Studio and Enterprise Center are leading a public process to create a Public Realm Action Plan for the Innovation District. This public process has identified important public realm enhancements in the district for the next several years. This is an agency appropriation to the Chattanooga Design Studio.

FY20 Percent External	Proposed FY20	Proposed FY21	Proposed FY22	Proposed FY23	Proposed FY24	CIP Total
0%	300,000	0	0	0	0	300,000

Rivermont Park (FEMA)

FEMA repair; river flooding, bank erosion, floating dock damage.

FY20 Percent External	Proposed FY20	Proposed FY21	Proposed FY22	Proposed FY23	Proposed FY24	CIP Total
87.5%	25,000	0	0	0	0	0

Ross's Landing, 201 Riverfront Pkwy (FEMA)

FEMA repair; riverjet pump was damaged during recent flooding. River elevation got above top of pump well. Pump motor was tested and determined to be inoperable. Pump motor needs rebuilt/replaced. Pump well needs to be mitigated to prevent future floodwater damage to Riverjet system.

FY20 Percent External	Proposed FY20	Proposed FY21	Proposed FY22	Proposed FY23	Proposed FY24	CIP Total
87.5%	250,000	0	0	0	0	250,000

Somerville Connector

Project to connect Hill City neighborhood to grocery store, Renaissance Park, and other commercial and public destinations. To provide alternative transportation options to ease traffic in a congested area. Partnership agreement will result in developer providing design services to the city and funding 50% of the construction cost. This would be a ped/bike railroad crossing.

FY20 Percent External	Proposed FY20	Proposed FY21	Proposed FY22	Proposed FY23	Proposed FY24	CIP Total
50%	500,000	0	0	0	0	500,000

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, microsurfacing, crack seal, seal coat and resurfacing improvements for local roads.

FY20 Percent External	Proposed FY20	Proposed FY21	Proposed FY22	Proposed FY23	Proposed FY24	CIP Total
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0%	4,112,209	5,000,000	5,000,000	5,000,000	5,000,000	24,112,209
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Stringer’s Ridge Park Landslide (FEMA)

FEMA repair; a landslide occurred at Stringer’s Ridge Park major movement observed February 24, 2019. The cause of the landslide appears to be heavy precipitation and saturated conditions. Two hiking trails traverse the affected area, Valdeau Trail near the scarp of the landslide and Cherokee Trail at about mid-slope. The toe of the landslide is on a residential property downhill from the park. The landslide measures about 300 feet from scarp to toe with an average width of about 75 to 100 feet. The City of Chattanooga plans to repair the landslide and re-establish grade along the two trails. Impact: Closures of two hiking trails. Financial burden and long repair time to City.

FY20 Percent External	Proposed FY20	Proposed FY21	Proposed FY22	Proposed FY23	Proposed FY24	CIP Total
87.5%	2,200,000	0	0	0	0	2,200,000

TN Riverwalk at Cameron Harbor, 634 Mariner Way (FEMA)

FEMA repair; river flooding and bank erosion

FY20 Percent External	Proposed FY20	Proposed FY21	Proposed FY22	Proposed FY23	Proposed FY24	CIP Total
87.5%	25,000	0	0	0	0	25,000

Trans Stsc Sdwk - Riverwalk Extension (Middle St to Incline) TIP Project Name: St. Elmo Riverwalk Extension

Phase IV - Extension of Riverwalk from St. Elmo Ave. at Middle Street to Incline Railway.

Project will consist of approximately 2500 linear feet of a concrete multimodal path varying between 10 feet and 12 feet wide with a 4 foot grass strip separating pedestrians and cyclists from vehicular traffic. The project will include trees 25 feet on center, and L.E.D. pedestrian lighting 50 feet on center. Phase 4 will begin at the end of River Walk Phase 3 on Middle Street, then progress South on the East side of Saint Elmo Avenue until termination at the tourist attraction Incline Railway.

FY20 Percent External	Proposed FY20	Proposed FY21	Proposed FY22	Proposed FY23	Proposed FY24	CIP Total

0%	1,000,000	0	0	0	0	1,000,000
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Transit Signal Prioritization

Give transit priority on SR 2/ US 11/ US 64/ Shallowford Rd/ Hamilton Place Blvd. Pedestrian and Bicycle upgrades.

FY20 Percent External	Proposed FY20	Proposed FY21	Proposed FY22	Proposed FY23	Proposed FY24	CIP Total
80%	1,250,000	0	0	0	0	1,250,000

Wilcox Boulevard Tunnel, East Entrance (FEMA)

Slope failure from excessive rainfall along hillside above the east entrance to the tunnel. Debris landed next to roadway and trees fell into the roadway (trees cleaned up by City crews). Hillside is now unstable and subject to further deterioration.

FY20 Percent External	Proposed FY20	Proposed FY21	Proposed FY22	Proposed FY23	Proposed FY24	CIP Total
87.5%	2,200,000	0	0	0	0	2,200,000

Woodmore SRTS - Construction Phase & CEI (P20312)

This project addresses the safety concerns of the parents of Woodmore Elementary School children by providing a safe pedestrian pathway from home to school for the large student population that lives near the school. The project will include pedestrian a safety education program for Woodmore Elementary School children. This will be coordinated by CDOT staff and will utilize a consulting contract. This project also fills a missing link the pedestrian network of the Woodmore neighborhood.

FY20 Percent External	Proposed FY20	Proposed FY21	Proposed FY22	Proposed FY23	Proposed FY24	CIP Total
41%	368,000	0	0	0	0	368,000

High Performing Government

FY20 Offers Funded: 13

FY20 City Funding: \$11,474,841

FY20 External Funding: \$315,000

Airport Area Road Improvements - Traffic & Safety Improvements at E. Brainerd/Lee Highway Intersection

This project is an outcome of the Airport District Master Plan. It will provide streetscape and traffic signal upgrades and reconfigure the intersection per the recommendations of the plan.

FY20 Percent External	Proposed FY20	Proposed FY21	Proposed FY22	Proposed FY23	Proposed FY24	CIP Total
0%	300,000	0	0	0	0	300,000

Building Energy Efficiency Upgrades

This project is a continuation of the Better Buildings Challenge the City agreed to, so as 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. Existing fixture inventory at all 61 sites will be completed in the near future. The first package for City Hall Campus Area nearing completion and almost all of the facility locations are projected to at Less than two years for payback, making them Ineligible for the Rebate System from TVA, which also has been shortened to June 30, 2018 as the sundown date. However, the reduction of cost going forward still makes these projects very viable for the City due to reduce energy cost in the future.

FY20 Percent External	Proposed FY20	Proposed FY21	Proposed FY22	Proposed FY23	Proposed FY24	CIP Total
0%	184,645	0	0	0	0	184,645

Chattanooga African American Museum Repairs

This offer includes: Replacement of two end of life HVAC units conditioning the Performance Hall with more efficient technology to improve reliability; subsurface repairs to the parking lot of the Bessie Smith Hall The parking lot has been sinking for several years and can no longer be patched to any great effect; replace carpet in the basement; and roof repairs.

FY20 Percent External	Proposed FY20	Proposed FY21	Proposed FY22	Proposed FY23	Proposed FY24	CIP Total
50%	630,000	0	0	0	0	630,000

City Buildings & YFD Centers Major Maintenance

This Capital project is to address major Building System Elements at YFD Centers and other City Buildings, such as HVAC systems, roofing system replacements, exterior gutters and downspout source leaks, structural repairs, floor replacements, restroom rehabilitation, building code upgrades, etc.

FY20 Percent External	Proposed FY20	Proposed FY21	Proposed FY22	Proposed FY23	Proposed FY24	CIP Total
0%	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	5,000,000

City Facilities Assessment

To perform a Facilities Assessment for the future needs of the City of Chattanooga Government, to provide services to both its external and internal clientele, based upon the most strategic placement of those services, existing building conditions and future system needs.

FY20 Percent External	Proposed FY20	Proposed FY21	Proposed FY22	Proposed FY23	Proposed FY24	CIP Total
0%	300,000	0	0	0	0	300,000

City Facilities Capital Improvements and/or Campus Consolidation

This project includes the following: \$400,000 for purchase of future YFD/Head Start building site; \$500,000 for Watkins 2nd floor, City Hall renovations, and miscellaneous moving/FF&E of \$60,000; and \$680,000 in design funding for a new YFD building, including a new Head Start center.

FY20 Percent External	Proposed FY20	Proposed FY21	Proposed FY22	Proposed FY23	Proposed FY24	CIP Total
0%	1,617,000	2,000,000	0	0	0	3,617,000

City Network Rebuild

This capital request is to continue efforts to replace out of date, out of support technical infrastructure in City buildings. This funding is vital to improve performance, maintain security and increase productivity. Current topology requires a strong network infrastructure to connect to applications and data. Reliable, consistent connectivity is crucial to maintain business continuity and data access for all departments citywide. The Network Rebuild capital request is in direct support of these critical business objectives.

FY20 Percent External	Proposed FY20	Proposed FY21	Proposed FY22	Proposed FY23	Proposed FY24	CIP Total
0%	200,000	400,000	300,000	300,000	300,000	1,500,000

Cloud Software as a Service (SaaS)

The City's ERP (Enterprise Resource Planning) software is old technology not keeping pace with user expectations. It is also only about 48% implemented while we are paying 100% of the maintenance cost. The SaaS product will improve processing quality and efficiencies in the areas of General Ledger, Purchasing, Projects & Grants management, Time & Labor, Accounts Payable, Fixed Assets, Human Resources, Budget creation, and Cash Management while improving business processes, incorporating best practices, and a quality user experience. All applications are mobile-enabled and provide key performance indicators, dashboards, and predictive analytics. This offer increases productivity while providing an agile product which remains current with technology trends.

FY20 Percent External	Proposed FY20	Proposed FY21	Proposed FY22	Proposed FY23	Proposed FY24	CIP Total
0%	1,738,376	2,405,640	977,568	0	0	5,121,584

Electric Vehicle Infrastructure

This project would fund a study to explore requirements for greater integration of electric vehicles into the City's fleet.

FY20 Percent External	Proposed FY20	Proposed FY21	Proposed FY22	Proposed FY23	Proposed FY24	CIP Total
0%	50,000	0	0	0	0	50,000

Fleet Program Purchases

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.

FY20 Percent External	Proposed FY20	Proposed FY21	Proposed FY22	Proposed FY23	Proposed FY24	CIP Total
0%	5,000,000	4,000,000	4,000,000	5,000,000	5,000,000	23,000,000

PCI Database Update

This project will allow the department to update the pavement condition index of the roadway network to current index values by surveying the 20 pavement distress categories as outlined by American Society for Testing and Materials Standard Number 6433 which was used as the standard for the survey conducted in 2009/2010.

FY20 Percent External	Proposed FY20	Proposed FY21	Proposed FY22	Proposed FY23	Proposed FY24	CIP Total
0%	400,000	50,000	50,000	50,000	50,000	600,000

Project Management Software

The City appropriated over \$150,000,000 in FY19 for capital projects. At this time, departments and individuals with projects, capital and otherwise, are left to develop their own methodology (if any) for tracking and managing their projects. Project management expertise varies widely across departments, as does the methodology for tracking and reporting project management scope, budget and status. Improving and standardizing our project management practices and providing the tools to do do will save the City money and improve the quality and timeliness of capital project delivery. Well run projects will help to build trust in government and get the final project completed sooner. Providing project management software will better equip our project managers and other staff to move forward with improvements to how the City manages projects.

FY20 Percent External	Proposed FY20	Proposed FY21	Proposed FY22	Proposed FY23	Proposed FY24	CIP Total
0%	50,000	200,000	0	0	0	250,000

Website Upgrade

This capital request is to begin the effort to redesign the chattanooga.gov website. The chattanooga.gov site is the representation of the City of Chattanooga. It is where people go to find out about City services and City initiatives, it depicts how the City of Chattanooga does business and what is important in our city. The current website design is out of date, difficult to navigate and does not represent our City well.

FY20 Percent External	Proposed FY20	Proposed FY21	Proposed FY22	Proposed FY23	Proposed FY24	CIP Total
0%	320,000	0	0	0	0	320,00

Smarter Students, Stronger Families

FY20 Offers Funded: 9

FY 20 City Funding: \$6,094,547

FY20 External Funding: \$0

Chattanooga Zoo: African Expansion

Friends of the Zoo, Inc. (FOZ) seeks to help the city to expand its impact on citizens through economic growth, quality of life improvement, and unique educational opportunities. FOZ is expanding the African area at the zoo to bring giraffe, lions, and a number of other species to Chattanooga. This expansion will create new jobs at the zoo in several departments, increase the zoo's educational capabilities by expanding classroom learning space in a new pavilion, it will create new interactive learning opportunities for all ages related to these charismatic animals, and it will give citizens greater opportunities for recreation outdoors in a family setting. In total, this campaign is a \$10 million project which will increase the zoo's impact on the community all while building a more sustainable business. The Chattanooga Zoo is owned by the City, and operated by FOZ.

FY20 Percent External	Proposed FY20	Proposed FY21	Proposed FY22	Proposed FY23	Proposed FY24	CIP Total
0%	250,000	250,000	0	0	0	500,000

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. In FY19 OCOS was awarded an additional 70k to support the Feasibility Study as the parameters changed. The Feasibility Study is currently underway and we are requesting \$225,000 for the design phase of the park which is based upon the recommendations of the Feasibility Study. The Design phase will yield construction documents, final design, and a budget for construction.

FY20 Percent External	Proposed FY20	Proposed FY21	Proposed FY22	Proposed FY23	Proposed FY24	CIP Total
0%	274,000	1,500,000	0	0	0	1,774,000

Early Learning Center Capital Grants

In our community only 42% of child care centers and homes meet the state requirements for three stars. In order to support the increase in high quality child care programs, small capital grants will be awarded to programs with identified improvement needs as measured by the TN Star Rating System. These grants will be no more than \$25,000/award, will only be awarded to licensed child care providers, or providers in need of funding to move from an unlicensed program to high quality licensed program. Funds must be expended within 6 months of award. Participants will enroll in an Enhanced Quality Improvement Plan and the free coaching process provided by Child Care Resource and Referral in order to meet the requirements of the grant and to address other needs related to quality improvement.

FY20 Percent External	Proposed FY20	Proposed FY21	Proposed FY22	Proposed FY23	Proposed FY24	CIP Total
0%	100,000	150,000	0	0	0	250,000

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.

FY20 Percent External	Proposed FY20	Proposed FY21	Proposed FY22	Proposed FY23	Proposed FY24	CIP Total
0%	250,000	250,000	0	0	0	500,000

Head Start Facility Build Out and Repair

Head Start operates five child care sites; four in Chattanooga and one in Daisy (2302 Ocoee St; 4701 Devine Ave; 501 W 12th St; 9531 Ridge Trail Rd, Soddy Daisy). Two of the five buildings being assessed are in aging HCDE School buildings being leased by Head Start, 12th St is a City owned building, the Infant - Toddler building at Ocoee is a City owned building, and the modular in Soddy Daisy is a City owned building. Many of these buildings are experiencing regular systems failures; for instance, the heating system at the Avondale Head Start site failed the week after winter break 2018, causing children to be out of school for almost two extra weeks, and cost approximately \$100,000 that had not been budgeted. This expenditure had an impact on other programmatic elements including classroom and curriculum supplies. Head Start, in partnership with Public Works, has executed a facilities audit to determine a short, mid, and long term needs for Head Start facilities. This audit is scheduled to be completed by the end of April, 2019. These funds will respond to the most significant findings of the audit, and will allow Head Start and the City of Chattanooga do develop a financing and maintenance strategy that can be managed within budgets and will supply high quality environments for children. While there is a logical argument to be made in delaying this investment, we serve over 500 children in these buildings daily. They are directly impacted by the quality of the environment, and there is an urgent obligation to improve the quality of these buildings.

FY20 Percent External	Proposed FY20	Proposed FY21	Proposed FY22	Proposed FY23	Proposed FY24	CIP Total
0%	200,000	250,000	250,000	0	0	700,000

Library HVAC/Electrical Phase 2

This offer will fund the completion of the Downtown Main Library combined HVAC/Electrical Infrastructure/Roof Replacement project. This project was funded as three separate projects beginning in FY18:

- HVAC \$900,000 (replace system original to facility)
- Electrical \$400,000 (upgrades required to run HVAC)
- Roof \$400,000

In FY18 a consultant was hired through the RFQ process and the three projects were combined into one for a total of \$1,700,000. During the design phase it became clear that construction cost estimates used for the initial funding request were insufficient to complete the project as the project was estimated to cost \$650,000 above the amount funded. With design complete, an RFP was advertised for a general contractor. On October 18, 2018 the bids were opened and the lowest bid was \$3,659,200, and all bids were rejected. Working with the consultant and Public Works project manager, the Library has approved a strategy to shorten construction time and anticipate lower costs with a multi-phase project and bid approach.

Phase 2, whose cost is the subject of this BFO, will complete the project and provide for air handler replacement, necessary interior work required by the installation, all additional HVAC controls, and all other project scope as originally designed.

FY20 Percent External	Proposed FY20	Proposed FY21	Proposed FY22	Proposed FY23	Proposed FY24	CIP Total
0%	2,193,547	0	0	0	0	2,193,547

OEL Curriculum

The Office of Early Learning will purchase the evidence based Creative Curriculum for each Seats for Success program that achieves 3 Stars, the highest level of quality recognized by the State of Tennessee. OEL will also provide training on curriculum implementation, and work with Child Care Resource and Referral to provide these programs ongoing coaching on implementation to fidelity. This program will provide a one-time investment with sustainability of implementation through existing resources (CCR&R).

FY20 Percent External	Proposed FY20	Proposed FY21	Proposed FY22	Proposed FY23	Proposed FY24	CIP Total
0%	150,000	150,000	0	0	0	300,000

Security Camera Replacement for Head Start

As the City has invested in a comprehensive and coordinated IT system, Head Start has not yet joined the IT's camera protocol or management, nor the IT security camera financing plan. Additionally, all cameras in City Head Start sites are between five and seven years old, making them obsolete technology with some building experiencing camera failure. This offer will allow Head Start to maintain safe, operational security systems. While Head Start grants provide adequate funding for operational expenses, there is not adequate funding, nor is there a regular opportunity to write for grants to cover, this kind of systems upgrade.

FY20 Percent External	Proposed FY20	Proposed FY21	Proposed FY22	Proposed FY23	Proposed FY24	CIP Total
0%	100,000	0	0	0	0	100,000

Site Improvement Requirements for New Construction of YFD Facilities

To meet the site condition requirements for the new construction associated with the improvements of YFD Centers, i.e., parking lots, landscaping, etc. 10' out from new facilities.

FY20 Percent External	Proposed FY20	Proposed FY21	Proposed FY22	Proposed FY23	Proposed FY24	CIP Total
0%	2,577,000	0	0	0	0	2,577,000

Safer Streets

FY20 Offers Funded: 21

FY20 City Funding: \$5,705,755

FY20 External Funding: \$2,113,874

235 Aster Ave (FEMA)

FEMA repair; Flooding (flood zone). Road and culvert damage.

FY20 Percent External	Proposed FY20	Proposed FY21	Proposed FY22	Proposed FY23	Proposed FY24	CIP Total
87.5%	8,000	0	0	0	0	8,000

3rd Street at Palmetto Traffic Signal Installation

Location meets warrant analysis. With Erlanger's Children Hospital about to open up will generate more vehicle and pedestrian traffic.

FY20 Percent External	Proposed FY20	Proposed FY21	Proposed FY22	Proposed FY23	Proposed FY24	CIP Total
0	250,000	0	0	0	0	250,000

54 Manufacturer's Road (FEMA)

FEMA repair; an area of the Tennessee River riverbank, already compromised and in failure from erosion and already having produced damage to the Tennessee Riverwalk shared use greenway, is submerged and has been subjected to above normal flow volume and velocity as a result of the recent flooding. The full extent of additional damage is not determined at this time.

FY20 Percent External	Proposed FY20	Proposed FY21	Proposed FY22	Proposed FY23	Proposed FY24	CIP Total
87.5%	1,500,000	0	0	0	0	1,500,000

495 Riverfront Parkway (FEMA)

An area of the Tennessee River riverbank, already compromised and in failure from erosion and already having produced damage to the Tennessee Riverwalk shared use greenway, is submerged and has been subjected to above normal flow volume and velocity as a result of the recent flooding. The full extent of additional damage is not determined at this time.

FY20 Percent External	Proposed FY20	Proposed FY21	Proposed FY22	Proposed FY23	Proposed FY24	CIP Total
87.5%	300,000	0	0	0	0	300,000

613 Broad Street Sidewalk Repair

Public Safety Repair of sidewalk at 631 Broad St. next to Republic Parking. The sidewalk is spanning a cavity one story below. The estimate is based on what it would take to demo the concrete support beams in this half a block, and either fill the void and reconstruct the sidewalk or re-span the void with structural columns and beams. This is a public safety hazard.

FY20 Percent External	Proposed FY20	Proposed FY21	Proposed FY22	Proposed FY23	Proposed FY24	CIP Total
0%	150,000	0	0	0	0	150,000

Automatic External Defibrillators (AED) Replacement

The CFD is requesting funds to replace the department's automatic external defibrillators. The department's AEDs have passed their life expectancy and are in need of replacement. All twenty-six frontline apparatus have AEDs, which are used on a daily basis for cardiac emergencies. These units are "workhorses" for the department and many lives have been saved with early automatic defibrillation.

FY20 Percent External	Proposed FY20	Proposed FY21	Proposed FY22	Proposed FY23	Proposed FY24	CIP Total
0%	100,000	0	0	0	0	100,000

CHATT1 TIP Resurfacing Grouping (P20213)

Reimbursements anticipated prior to beginning of FY20. Resurfacing of Bailey Ave from National Street to Dodds Ave and Chestnut Street from Aquarium Way to W 4th Street including update of curb ramps, pavement marking, signs and signals. Local overmatch.

FY20 Percent External	Proposed FY20	Proposed FY21	Proposed FY22	Proposed FY23	Proposed FY24	CIP Total
0%	647,855	0	0	0	0	647,855

Fire Station Capital Maintenance

The Chattanooga Fire Department stands prepared to respond around the clock, and fire station maintenance is vital to ensuring a healthy and operable place for firefighters to work and live. This offer requests to fund three major maintenance projects. All three are to replace aging apparatus exhaust systems for Station 6, Station 13, and Station 19. Exhaust systems are vital for the health of employees,

as the system pulls harmful carbon monoxide, gases, and soot from the bay area. This year, the department would like to request funding for continuing to replace the smoke evacuation systems in fire stations.

FY20 Percent External	Proposed FY20	Proposed FY21	Proposed FY22	Proposed FY23	Proposed FY24	CIP Total
0%	75,000	75,000	75,000	0	0	225,000

Fleet Capital Infusion

Capital dollars are required to purchase vehicles that are not currently in the Fleet Program in order to put them into the Replacement Program. Non plan vehicles are City Wide. This includes upgrades for 2008 - 2010 Crown Vics currently in the Program with 2018-19 PI SUV Explorers for the police department, as well as apparatus for the fire department. Number is based on 2 fire apparatus replacements at \$1,200,000 each, one PW pump truck at \$50,000, and \$168,680 for upgrading 20 police vehicles to PI SUVs.

FY20 Percent External	Proposed FY20	Proposed FY21	Proposed FY22	Proposed FY23	Proposed FY24	CIP Total
0%	2,588,680	3,000,000	2,000,000	3,000,000	3,000,000	2,588,680

In Car Cameras

This is a continuation of a previously approved offer to add and/or replace older in-car cameras for Chattanooga Police vehicles.

FY20 Percent External	Proposed FY20	Proposed FY21	Proposed FY22	Proposed FY23	Proposed FY24	CIP Total
0%	200,000	0	0	0	0	200,000

Old Hixson Pk @ Chickamauga Crk (FEMA)

FEMA repair; where N Chickamauga Creek flowed over Old Hixson Pike, the downstream shoulder has quite a bit of erosion that needs repair.

FY20 Percent External	Proposed FY20	Proposed FY21	Proposed FY22	Proposed FY23	Proposed FY24	CIP Total
87.5%	30,000	0	0	0	0	30,000

Pelican Drive at Jersey Pike

State Industrial Road safety improvement (State managed) 10% City match of total contract cost. Chattanooga entered into an agreement with TDOT for a State Industrial Road safety project to minimize accidents at the rail crossing caused by southbound, east turning traffic into Pelican Drive. TDOT designed, bid and is managing this project with the City's commitment of 10% of the project cost.

FY20 Percent External	Proposed FY20	Proposed FY21	Proposed FY22	Proposed FY23	Proposed FY24	CIP Total
0%	50,000	0	0	0	0	50,000

Plan of Services Obligations

Money to fulfill possible plan of services obligations in Area 12. Design in FY20, construction in FY21.

FY20 Percent External	Proposed FY20	Proposed FY21	Proposed FY22	Proposed FY23	Proposed FY24	CIP Total
0%	250,000	700,000	0	0	0	950,000

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.

FY20 Percent External	Proposed FY20	Proposed FY21	Proposed FY22	Proposed FY23	Proposed FY24	CIP Total
0%	150,000	300,000	300,000	300,000	300,000	1,350,000

Police Vehicle Equipment Package

The equipment package consists of emergency lighting, screen, consoles, prisoner screens and various other mounting equipment for 20 marked units to be fully outfitted excluding technology and ready for the streets. Materials and Labor is included in the request.

FY20 Percent External	Proposed FY20	Proposed FY21	Proposed FY22	Proposed FY23	Proposed FY24	CIP Total
0%	195,000	0	0	0	0	195,000

RECOVER System

The Chattanooga Police Department as well as the TBI and FBI has a very low success rate for developing latent prints off spent shell casings and all things metal in general. Most agencies have stopped processing shell casings all together since that likelihood of develop any prints is extremely low. This is not ideal since most shootings and homicide have an abundance of shell casings collected

on scene. These casing can lead investigators to the alleged shooters and help officers get violent offenders of the street. RECOVER is a cutting edge technique that uses an innovative chemical vapor fuming process to develop fingerprints on a range of difficult surfaces including those that have been exposed to extreme heat (discharged bullet casings, for example) and items that have been washed clean in an attempt to prevent identification. RECOVER can reveal fingerprints even after they have been physically removed from an object, and has been demonstrated to consistently out-perform existing fingerprint development techniques across a range of difficult surfaces.

FY20 Percent External	Proposed FY20	Proposed FY21	Proposed FY22	Proposed FY23	Proposed FY24	CIP Total
0%	66,600	0	0	0	0	66,600

RTIC

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.

FY20 Percent External	Proposed FY20	Proposed FY21	Proposed FY22	Proposed FY23	Proposed FY24	CIP Total
0%	156,725	83,600	83,600	0	0	323,925

Sidewalks (P20306)

This project installs new and repairs existing sidewalks across the City to allow safe mobility by any user and to help encourage active public space and engagement of commercial and residential areas.

FY20 Percent External	Proposed FY20	Proposed FY21	Proposed FY22	Proposed FY23	Proposed FY24	CIP Total
0%	350,000	1,431,000	1,564,000	1,710,400	1,871,561	6,926,961

Signal Upgrade for Hickory Valley Rd at Discovery Dr (to accept donation agreement) P20118

This project is complete. This budgetary ask is to correct the budget authority and account for the grant agreement with a private third party.

FY20 Percent External	Proposed FY20	Proposed FY21	Proposed FY22	Proposed FY23	Proposed FY24	CIP Total
100%	47,806	0	0	0	0	47,806

Station 15 Replacement

The Chattanooga Fire Department (CFD) is requesting Capital 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, low energy efficiency, infrastructure deterioration including leaking windows, 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 firehall for a few months two years ago. Enough repairs were made to move the fire crew back in, but a new station will be needed soon.

In addition to the recurring disrepair, the station is too small to accommodate the modern fire department. While this includes modern apparatus, gear, and equipment, it also refers to the small hall not having the room to accommodate women's facilities. The women stationed at this fire hall must put up signage to have any privacy. That was not an issue in 1966, but the modern fire service and the Chattanooga Fire Department has many women who serve as firefighters.

FY20 Percent External	Proposed FY20	Proposed FY21	Proposed FY22	Proposed FY23	Proposed FY24	CIP Total
0%	160,000	2,050,000	0	0	0	2,210,000

TIP - Traffic Sign Retro-reflectivity

Replace faded traffic signs city wide to meet Federal & State requirements.

FY20 Percent External	Proposed FY20	Proposed FY21	Proposed FY22	Proposed FY23	Proposed FY24	CIP Total
85%	563,963	0	0	0	0	563,963

Enterprise Fund Projects

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

Interceptor Sewer System

Consent Decree Projects

MBWWTP Solids Process Optimization Implementation - Phase 4 (A-D) (Digester Upgrades)

Improvements to the MBWWTP solids handling process to provide reliability and efficiency.

FY20 Percent External	Proposed FY20	Proposed FY21	Proposed FY22	Proposed FY23	Proposed FY24	CIP Total
0%	20,000,000	20,000,000	20,000,000	20,000,000	0	80,000,000

Other Projects

Wet Weather Storage Phase 5 - East Brainerd

Construction of wet weather storage strategically throughout the system to 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.

FY20 Percent External	Proposed FY20	Proposed FY21	Proposed FY22	Proposed FY23	Proposed FY24	CIP Total
0%	15,000,000	0	0	0	0	15,000,000

Wet Weather Storage Phase 6 - Hixson PS #1

Construction of wet weather storage strategically throughout the system to 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.

FY20 Percent External	Proposed FY20	Proposed FY21	Proposed FY22	Proposed FY23	Proposed FY24	CIP Total
0%	10,000,000	0	0	0	0	10,000,000

Wet Weather Storage Phase 7 - Lee Highway

Construction of wet weather storage strategically throughout the system to 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.

FY20 Percent External	Proposed FY20	Proposed FY21	Proposed FY22	Proposed FY23	Proposed FY24	CIP Total
0%	10,000,000	5,000,000	0	0	0	15,000,000

Citico PS Improvements

This project includes making capital improvements to the Citico Pump Station. These improvements are designed to improve the capacity, performance and reliability of the station and help to reduce sanitary sewer overflows in the area.

FY20 Percent External	Proposed FY20	Proposed FY21	Proposed FY22	Proposed FY23	Proposed FY24	CIP Total
0%	4,000,000	0	0	0	0	4,000,000

Contingency- Plans and Studies

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

FY20 Percent External	Proposed FY20	Proposed FY21	Proposed FY22	Proposed FY23	Proposed FY24	CIP Total
0%	200,000	200,000	200,000	200,000	200,000	1,000,000

Contingency MBWWTP Improvements Contingency money allocated for MBWWTP improvement projects that have not been identified yet.

FY20 Percent External	Proposed FY20	Proposed FY21	Proposed FY22	Proposed FY23	Proposed FY24	CIP Total
0%	3,527,355	3,000,000	4,000,000	2,500,000	3,000,000	16,027,355

Critical Pump Station Improvements Master Plan

This project includes the development of a Pump Station Master Plan that evaluates the performance, reliability, and capacity of critical pump stations in the ISS to identify a strategic, prioritized capital improvement approach.

FY20 Percent External	Proposed FY20	Proposed FY21	Proposed FY22	Proposed FY23	Proposed FY24	CIP Total
0%	300,000	0	0	0	0	300,000

CSOTF Equipment Replacement Program

This project includes the recurring replacement of aging equipment at CSOTF facilities in the ISS to increase reliability, with the goal of eliminating wet weather SSOs.

FY20 Percent External	Proposed FY20	Proposed FY21	Proposed FY22	Proposed FY23	Proposed FY24	CIP Total
0%	650,000	300,000	300,000	300,000	300,000	1,850,000

Implementation of CD Green Infra Projects in the CSS

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

FY20 Percent External	Proposed FY20	Proposed FY21	Proposed FY22	Proposed FY23	Proposed FY24	CIP Total
0%	500,000	500,000	500,000	500,000	0	2,000,000

Implementation of Vulnerability Recommendations

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

FY20 Percent External	Proposed FY20	Proposed FY21	Proposed FY22	Proposed FY23	Proposed FY24	CIP Total
0%	320,000	0	0	0	0	320,000

ISS Capacity Improvements

This project includes making unidentified capacity improvements across the collection system to decrease SSOs.

FY20 Percent External	Proposed FY20	Proposed FY21	Proposed FY22	Proposed FY23	Proposed FY24	CIP Total
0%	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	10,000,000

Laboratory Equipment

Project for purchase of equipment for the MBWWTP Laboratory.

FY20 Percent External	Proposed FY20	Proposed FY21	Proposed FY22	Proposed FY23	Proposed FY24	CIP Total
0%	150,000	0	0	0	0	150,000

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.

FY20 Percent External	Proposed FY20	Proposed FY21	Proposed FY22	Proposed FY23	Proposed FY24	CIP Total
0%	2,737,500	0	0	0	0	2,737,500

Lupton City Sewer Rehabilitation

This project involves the rehabilitation of sanitary sewer pipe and manholes. This project will improve the reliability and structural integrity of the existing pipe and will remove unwanted inflow and infiltration from the system.

FY20 Percent External	Proposed FY20	Proposed FY21	Proposed FY22	Proposed FY23	Proposed FY24	CIP Total
0%	3,000,000	0	0	0	0	3,000,000

Lupton Drive Chronic SSO Elimination Project

This project involves the rehabilitation or upsizing of sanitary sewer pipe and manholes. This project will improve the reliability and structural integrity of the existing pipe and will eliminate targeted chronic SSOs.

FY20 Percent External	Proposed FY20	Proposed FY21	Proposed FY22	Proposed FY23	Proposed FY24	CIP Total
0%	4,000,000	1,000,000	0	0	0	5,000,000

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.

FY20 Percent External	Proposed FY20	Proposed FY21	Proposed FY22	Proposed FY23	Proposed FY24	CIP Total
0%	2,250,000	0	0	0	0	2,250,000

MBWWTP Unox Electrical Upgrades

This project includes replacing undersized electrical infrastructure associated with the MBWWTP's UNOX system.

FY20 Percent External	Proposed FY20	Proposed FY21	Proposed FY22	Proposed FY23	Proposed FY24	CIP Total
0%	320,000	0	0	0	0	320,000

Mountain Creek PS Improvements

This project includes making capital improvements to the Mountain Creek PS. These improvements are designed to improve the capacity, performance and reliability of the station and help to reduce sanitary sewer overflows in the area.

FY20 Percent External	Proposed FY20	Proposed FY21	Proposed FY22	Proposed FY23	Proposed FY24	CIP Total
0%	300,000	0	0	0	0	300,000

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.

FY20 Percent External	Proposed FY20	Proposed FY21	Proposed FY22	Proposed FY23	Proposed FY24	CIP Total
0%	2,400,000	2,100,000	2,100,000	2,100,000	2,100,000	10,800,000

Riverview Park/CGCC Chronic SSO Elimination Project

This project involves the rehabilitation or upsizing of sanitary sewer pipe and manholes. This project will improve the reliability and structural integrity of the existing pipe and will eliminate targeted chronic SSOs.

FY20 Percent External	Proposed FY20	Proposed FY21	Proposed FY22	Proposed FY23	Proposed FY24	CIP Total
0%	4,000,000	1,000,000	0	0	0	5,000,000

Secondary Clarifier Flow Meter & Gate Replacement

This project includes the replacement of aging and/or end of life flow meters and slide gates at the MBWWTP Secondary Clarifiers.

FY20 Percent External	Proposed FY20	Proposed FY21	Proposed FY22	Proposed FY23	Proposed FY24	CIP Total
0%	1,500,000	0	0	0	0	300,000

South Chickamauga Creek 3 Rehabilitation

This project involves the rehabilitation of sanitary sewer pipe and manholes. This project will improve the reliability and structural integrity of the existing pipe and will remove unwanted inflow and infiltration from the system.

FY20 Percent External	Proposed FY20	Proposed FY21	Proposed FY22	Proposed FY23	Proposed FY24	CIP Total
0%	6,000,000	0	0	0	0	6,000,000

Tiftonia PS#1 Safety Upgrade

This project includes safety and reliability improvements associated with converting the Tiftonia #1 PS from a canned pump station to a submersible pump station.

FY20 Percent External	Proposed FY20	Proposed FY21	Proposed FY22	Proposed FY23	Proposed FY24	CIP Total
0%	5,000,000	0	0	0	0	5,000,000

Tubman Site Sewer Replacement

The existing Interceptor Sewer crosses diagonally across the middle of the site, and has been a deterrent to some industrial prospective buyers. The money must only be used for replacement/relocation of the existing sewer line on the Tubman site.

FY20 Percent External	Proposed FY20	Proposed FY21	Proposed FY22	Proposed FY23	Proposed FY24	CIP Total
0%	2,000,000	0	0	0	0	2,000,000

Citico Pump Reliability Improvements (FEMA)

FEMA repair; river came out of its banks, flooding the work site and surrounding area. Damage cannot be determined until river level goes down and area can be pumped down.

FY20 Percent External	Proposed FY20	Proposed FY21	Proposed FY22	Proposed FY23	Proposed FY24	CIP Total
87.5%	250,000	0	0	0	0	250,000

Citico Creek Sub Basin Combined Sewer Separation Project (FEMA)

FEMA repair; prior to the rainfall event, the City's contractor had installed a cofferdam that was intended to divert Citico Creek away from the proposed work area such that a new storm drainage outlet structure and headwall could be installed. In response to the rain, TVA raised the river elevation causing the water to come up over the cofferdam and cause it to be undermined. The full extent of damage is unknown, as the water level has not dropped below the top of the sheet piles.

FY20 Percent External	Proposed FY20	Proposed FY21	Proposed FY22	Proposed FY23	Proposed FY24	CIP Total
87.5%	225,000	0	0	0	0	225,000

Citico CSO 929 Riverside Drive (FEMA)

Pressure wash Catwalks and Walkways, Replace eight (8) FRP doors with frames and lockset, Replace six (6) each MSA main units, power supplies, O2 sensors, explosion proof receptacles, two position selector switches, 120v solenoids, four (4) 20 amp single pole switches, and 1 sump pump.

FY20 Percent External	Proposed FY20	Proposed FY21	Proposed FY22	Proposed FY23	Proposed FY24	CIP Total
87.5%	106,159	0	0	0	0	106,159

Solid Waste

Landfill Equipment Maintenance

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

FY20 Percent External	Proposed FY20	Proposed FY21	Proposed FY22	Proposed FY23	Proposed FY24	CIP Total
0%	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.

FY20 Percent External	Proposed FY20	Proposed FY21	Proposed FY22	Proposed FY23	Proposed FY24	CIP Total
%	253,195	1,000,000	0	0	0	1,253,195

Water Quality

327 Cross Creek Rd (FEMA)

FEMA repair; sink hole formed over a Cross drain (15' deep, 90" Pipe) in roadway.

FY20 Percent External	Proposed FY20	Proposed FY21	Proposed FY22	Proposed FY23	Proposed FY24	CIP Total
87.5%	200,000	0	0	0	0	200,000

435 Oliver Street Chattanooga, TN 37405 (FEMA)

FEMA repair; small landslide next to Road, SR#5628168. Clear debris, reestablish ditch line and stabilize slope.

FY20 Percent External	Proposed FY19	Proposed FY20	Proposed FY21	Proposed FY22	Proposed FY24	CIP Total
87.5%	15,000	0	0	0	0	15,000

Automated Flood warning system

Continuation of Phase I & II US Army Corps of Engineers contract to provide the City of Chattanooga with Hydrologic and Hydraulic studies, Federal Emergency Management (FEMA) Flood Insurance Study (FIS) submittals, creation of a pilot Hydrologic Engineering Centers Real-Time Simulation (HEC-FY20-24 Capital Budget

RTS) model, development of flood estimation tools for use in emergency situations, conceptual development of tools and guidance to evaluate the impacts from future development, and additional support of modeling and mapping products created in the previous phases..

FY20 Percent External	Proposed FY20	Proposed FY21	Proposed FY22	Proposed FY23	Proposed FY24	CIP Total
0%	150,000	150,000	150,000	150,000	150,000	750,000

Central Avenue Ext Separation Project

This Combination Sewer Separation 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.

FY20 Percent External	Proposed FY20	Proposed FY21	Proposed FY22	Proposed FY23	Proposed FY24	CIP Total
0%	1,300,000	0	0	4,000,000	7,740,000	13,040,000

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.

FY20 Percent External	Proposed FY20	Proposed FY21	Proposed FY22	Proposed FY23	Proposed FY24	CIP Total
0%	50,000	900,000	0	0	250,000	1,200,000

Davidson Road

Funds for Phases II and III of a three phase Stormwater Green Infrastructure (GI) project. The GSI system will infiltrate runoff from smaller, frequent storms. Drainage will be reduced from travel lanes and create a shoulder for improved safety.

FY20 Percent External	Proposed FY20	Proposed FY21	Proposed FY22	Proposed FY23	Proposed FY24	CIP Total
0%	600,000	750,000	750,000	0	0	2,100,000

Flood Control Pump Station Upgrades

Upgrades to pump stations throughout the city.

FY20 Percent External	Proposed FY20	Proposed FY21	Proposed FY22	Proposed FY23	Proposed FY24	CIP Total
0%	500,000	1,500,000	500,000	0	0	2,500,000

Floodplain Modeling

To provide accurate, up-to-date information regarding flood levels, flood risk and associated hazards for areas within the City of Chattanooga in conformance with current FEMA standards. This project is necessary to assist the DPW and certain other city officials, with needed engineering services, on an on-call basis. Early identification of flood-prone properties during emergencies allows public safety organizations to establish warning and evacuation priorities.

FY20 Percent External	Proposed FY20	Proposed FY21	Proposed FY22	Proposed FY23	Proposed FY24	CIP Total
0%	50,000	200,000	0	200,000	250,000	700,000

GI Prioritization Tool

To assist with Total Maximum Daily Loads (TMDLs) reduction, this will provide additional tools to enhance the deployment of GI on City projects throughout the city.

FY20 Percent External	Proposed FY20	Proposed FY21	Proposed FY22	Proposed FY23	Proposed FY24	CIP Total
0%	50,000	0	0	0	0	50,000

Glass Street Area/Taylor St, Dodson Ave

Stream restoration project of WPA ditch as identified in the AMEC priority report.

FY20 Percent External	Proposed FY20	Proposed FY21	Proposed FY22	Proposed FY23	Proposed FY24	CIP Total
0%	350,000	1,500,000	1,000,000	0	0	2,850,000

Green Alley Program

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

FY20 Percent External	Proposed FY20	Proposed FY21	Proposed FY22	Proposed FY23	Proposed FY24	CIP Total
0%	144,000	150,000	150,000	150,000	150,000	744,000

Heavy Equipment

Equipment replacement for continued service on water quality projects.

FY20 Percent External	Proposed FY20	Proposed FY21	Proposed FY22	Proposed FY23	Proposed FY24	CIP Total
0%	525,000	670,000	0	0	0	1,195,000

Operations Building

To develop the existing property at Wood recycle Center, for the relocation of Solid Waste Fleet, Administrative Staff & Personnel. To consolidate solid waste fleet to a more service-central location with opportunity for future growth and expansion of solid waste collection and recycling.

FY20 Percent External	Proposed FY20	Proposed FY21	Proposed FY22	Proposed FY23	Proposed FY24	CIP Total
0%	50,000	0	0	0	0	50,000

Riverfront Parkway/MLK CSS Project Phase II

Sanitary/Stormwater Separation Project. Boynton Dr. trunk line extension and Gateway Ave. trunk line extension to Proposed Phase II system.

FY20 Percent External	Proposed FY20	Proposed FY21	Proposed FY22	Proposed FY23	Proposed FY24	CIP Total
0%	640,000	700,000	640,000	0	0	1,980,000

Stream Buffer Conservation

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

FY20 Percent External	Proposed FY20	Proposed FY21	Proposed FY22	Proposed FY23	Proposed FY24	CIP Total
0%	99,000	99,000	0	200,000	0	398,000

Stream Restoration/Various Sites)

The goal for stream restorations program is to reduce peak flow velocities which contributes to stream bank erosion. Additional goals include improving the water quality downstream, restore ecological habitat and reduce peak flood stages.

FY20 Percent External	Proposed FY20	Proposed FY21	Proposed FY22	Proposed FY23	Proposed FY24	CIP Total
0%	250,000	250,000	0	250,000	250,000	1,000,000

Tennessee Valley Regional Communications System

Microwave Radio and Multiprotocol Label Switching (MPLS)

The selected vendor will replace the existing microwave radios at all 27 of the TVRCS sites with new radios and mpls routers. The vendor will sweep and align microwave antennas and lines to ensure the microwave paths are correct and the equipment will operate at peak efficiency. The vendor will install, program, and integrate the MPLS routers into the radio system.

FY20 Percent External	Proposed FY20	Proposed FY21	Proposed FY22	Proposed FY23	Proposed FY24	CIP Total
0%	2,000,000	0	0	0	0	2,000,000

AN ORDINANCE APPROPRIATING, AUTHORIZING OR ALLOCATING FUNDS TO THE CAPITAL IMPROVEMENTS BUDGET FOR THE FISCAL YEAR 2019-2020.

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, 2020:

GENERAL GOVERNMENTAL FUNDS

FROM	General Obligation Bonds	9,900,490
	General Fund (1100)	2,124,850
	General Fund Reserves	6,000,000
	Capital Lease	2,045,201
	Hotel Motel Tax Fund (2070)	669,889
	Economic Development Fund (1111)	18,000,000
	State Street Aid (2050)	1,740,359
	21st Century Waterfront Capital (4021)	1,590,111
	Enterprise South Industrial Park (4013/A60108 Sale of Property)	1,020,619
	ESIP Workforce Development Center (4013/A60116)	48,777
	Police Motorola Portable Radios (4012/H30107)	251,726
	MPO Old State Projects (4016/K13199)	899,497
	Fleet Management Fund (6504)	5,000,000
	Tennessee Department of Environment and Conservation	800,000
	HUD-Community Development Block Grant	204,073
	State of Tennessee (Transportation Improvement Program)/MPO	8,781,420
	Federal	(10,750,000)
	2010C Recovery Zone Capital Improvement Bonds	(3,000,000)
	Environmental Protection Agency (Brownfield Clean Up Grant)	500,000
	Federal Emergency Management Agency (FEMA)	21,303,119
	Tennessee Emergency Management Agency (TEMA)	2,853,881
	Hamilton County	1,254,619
	Hamilton County - Volkswagen	(3,000,000)
	Donation - River City Company	1,733,772
	Donation - Recycle Partnership	224,000
	Donation - West Rock	576,000
	Donation - Gestamp	45,184

From Continued

Donation - Bristol Development	250,000
Donation - Plastic Omnium	2,622
Donation - MLK Corridor/Partnership Agreement	9,977
Donations - Chattanooga Neighborhood Enterprise Va Ave Greenway	35,100
Donations - Traffic Eng Capital Eqp	47,806
Miscellaneous Revenue	15,869
Sale of Property	3,968,152
Interest Earned	72,853
Police Capital/Narcotics Fund Revenue (Fund 4012)	251,726
Radio Lease Program (4014/D30015)	(251,726)
GG ESIP Workforce Development Ctr.(4013/A60116)	48,777
Radio Lease Program (4014/D30015)	(48,777)
PW MPO/Old State Projects (4016/K13199)	899,497
Radio Lease Program (4014/D30015)	(899,497)

TO	General Government & Supported Agencies	\$ 10,286,508
	Department of Police	1,503,716
	Department of Fire	335,000
	Department of Public Works	18,595,553
	Department of Economic & Community Development	2,573,700
	Department of Transportation	47,375,488
	Department of Youth & Family Development	550,000
	6.2 Infrastructure (VW Welcome Center)	(6,000,000)
		<u>\$ 75,219,965</u>
		\$ 75,219,965

PROPRIETARY FUNDS CAPITAL

	State Revolving Loan Fund/GO Bonds/Revenue Bonds		
FROM:	(ISS)	59,000,000	
	Interceptor Sewer System Operations (Fund 6010)	26,422,000	
	Interceptor Sewer System Reserves (Fund 6010)	14,985,500	
	Tennessee Emergency Management Agency (TEMA) ISS	508,514	
	Solid Waste Fund Operations (6020)	753,195	
	Water Quality Fund Operations (Fund 6030)	4,450,349	
	Water Quality Fund Reserves (Fund 6030)	334,526	
	Tennessee Emergency Management Agency (TEMA) WQ	188,125	
	Tennessee Valley Regional Communication Reserve	2,000,000	
TO:	Interceptor Sewer Fund		100,916,014
	Solid Waste Fund		753,195
	Water Quality Fund		4,973,000
	Tennessee Valley Regional Communication		2,000,000
	TOTAL PROPRIETARY FUNDS	\$ 108,642,209	\$ 108,642,209
	TOTAL CAPITAL BUDGET	\$ 183,862,174	\$ 183,862,174

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

PASSED _____, 2019

CHAIRPERSON

APPROVED _____ DISAPPROVED _____

DATE: _____, 2019

MAYOR

DM/KY



City Of Chattanooga

Capital Budget Summary by Department
Fiscal Year 2020

Summary Schedule (Combined FEMA, Capital, & Cleanup)

Department	Proposed FY2020	External Sources	Reserves	Operations	GO Bonds	SRF/Bonds	Hotel/Motel	Economic Dev	Other City Sources
General									
Economic and Community Development	2,573,700	500,000	186,000	-	-	-	-	1,887,700	-
Fire Department	335,000	(899,497)	175,000	-	1,200,000	-	-	160,000	(300,503)
Police Department	1,519,251	-	516,599	-	499,200	-	-	-	503,452
Public Works	17,625,218	(1,263,928)	576,878	-	2,322,992	-	669,889	7,829,778	7,489,608
Transportation	47,375,488	30,981,141	2,227,269	2,124,850	7,923,498	-	-	2,378,371	1,740,359
Youth & Family Development	550,000	-	150,000	-	-	-	-	400,000	-
General Government	5,241,308	(4,446,144)	2,168,254	-	(3,000,000)	-	-	5,344,151	5,175,047
General Total	75,219,965	24,871,573	6,000,000	2,124,850	8,945,690	-	669,889	18,000,000	14,607,963
Enterprise									
Interceptor Sewer Fund	100,916,014	508,514	14,985,500	26,422,000	-	59,000,000	-	-	-
Water Quality	4,973,000	188,125	334,526	4,450,349	-	-	-	-	-
Solid Waste	753,195	-	-	753,195	-	-	-	-	-
TVRCS	2,000,000								2,000,000
Enterprise Total	108,642,209	696,639	15,320,026	31,625,544	-	59,000,000	-	-	2,000,000
Total All Funds	183,862,174	25,568,212	21,320,026	33,750,394	8,945,690	59,000,000	669,889	18,000,000	16,607,963

City Of Chattanooga

Capital Budget Summary by Department
Fiscal Year 2020

Summary Schedule (Capital and FEMA)

Department	Proposed FY2020	External Sources	Reserves	Operations	GO Bonds	SRF	Hotel/ Motel	EconDev	Other City Sources
General									
Economic and Community Development	2,573,700	500,000	186,000	-	-			1,887,700	-
Fire Department	335,000	-	175,000	-				160,000	-
Police Department	768,325	-	516,599	-				-	251,726
Public Works	26,151,145	7,608,000	576,878	-	1,976,992		669,889	7,829,778	7,489,608
Transportation	47,282,605	30,888,258	2,227,269	2,124,850	7,923,498			2,378,371	1,740,359
Youth & Family Development	550,000	-	150,000	-				400,000	-
General Government	8,581,801	-	2,168,254	-	-			5,344,151	1,069,396
General Total	86,242,576	38,996,258	6,000,000	2,124,850	9,900,490		669,889	18,000,000	10,551,089
Enterprise									
Interceptor Sewer Fund	100,916,014	508,514	14,985,500	26,422,000		59,000,000		-	-
Water Quality	4,973,000	188,125	334,526	4,450,349				-	-
Solid Waste	753,195	-	-	753,195				-	-
TVRCS	2,000,000								2,000,000
Enterprise Total	108,642,209	696,639	15,320,026	31,625,544		59,000,000		-	2,000,000
Total All Funds	194,884,785	39,692,897	21,320,026	33,750,394	9,900,490	59,000,000	669,889	18,000,000	12,551,089

City Of Chattanooga
 Capital Budget Summary by Department
 Fiscal Year 2020

Summary Schedule (Cleanup)

Department	Proposed FY2020	External Sources	Reserves	Operations	GO Bonds	SRF	Hotel/ Motel	Economic Dev Reserves	Economic Dev Operations	Other City Sources
General										
Economic and Community Development	-									-
Fire Department	-	(899,497)			1,200,000					(300,503)
Police Department	750,926	-	-	-	499,200		-		-	251,726
Public Works	(8,525,927)	(8,871,928)	-	-	346,000		-		-	-
Transportation	92,883	92,883	-	-	-		-		-	-
Youth & Family Development	-									
General Government	(3,340,493)	(4,446,144)	-	-	(3,000,000)		-		-	4,105,651
General Total	(11,022,611)	(14,124,685)	-	-	(954,800)	-	-	-	-	4,056,874
Enterprise										
Interceptor Sewer Fund	-									-
Water Quality	-									-
Solid Waste	-									-
TVRCS	-									-
Enterprise Total	-									-
Total All Funds	(11,022,611)	(14,124,685)	-	-	(954,800)	-	-	-	-	4,056,874



City Of Chattanooga
 Capital Budget Summary by Project
 Fiscal Year 2020

**The initials "A.O." and "A.S.F." as appear in this section shall have the same meaning as described in Section 5a of the Operating Budget Ordinance 13xxx

Row Labels	Proposed FY20	External	Reserves	Operations	Bonds	SRF	Hotel/Motel	EconDev	Other City
General	86,242,576	38,996,258	6,000,000	2,124,850	9,900,490		669,889	18,000,000	10,551,089
General Government	8,581,801	-	2,168,254	-	-			5,344,151	1,069,396
Agency	3,700,000	-	-	-	-			2,679,381	1,020,619
Charles H. Coolidge Medal of Honor Heritage Center (A.O.)	250,000	-	-	-	-			250,000	-
Chattanooga Zoo: African Expansion (A.O.)	250,000	-	-	-	-			250,000	-
Erlanger Children's Hospital (A.O.)	250,000	-	-	-	-			250,000	-
Chattanooga Design Studio (Public Realm Tactical Pilot Projects) (A.O.)	300,000	-	-	-	-			300,000	-
Stadium Digital Videoboard (A.O.)	150,000	-	-	-	-			150,000	-
Volkswagen Matching-Incentive for Electric Vehicle Production Facility (A.O.)	2,500,000	-	-	-	-			1,479,381	1,020,619
Chattanooga Public Library	2,193,547	-	-	-	-			2,144,770	48,777
Library HVAC/Electrical Phase 2	2,193,547	-	-	-	-			2,144,770	48,777
Department of Information Technology	520,000	-	-	-	-			520,000	-
City Network Rebuild	200,000	-	-	-	-			200,000	-
Website Upgrade	320,000	-	-	-	-			320,000	-
Finance and Administration	1,738,376	-	1,738,376	-	-			-	-
Cloud Software as a Service (SaaS)	1,738,376	-	1,738,376	-	-			-	-
Chattanooga Area Regional Transportation Authority	429,878	-	429,878	-	-			-	-
CARTA Facilities Projects	40,137	-	40,137	-	-			-	-
CARTA Technology Projects	29,712	-	29,712	-	-			-	-
CARTA Vehicles & Equipment	360,029	-	360,029	-	-			-	-
Economic and Community Development	2,573,700	500,000	186,000	-	-			1,887,700	-
Economic and Community Development	2,573,700	500,000	186,000	-	-			1,887,700	-
Health, Education and Housing Facilities Board (Affordable Housing Fund) (A.O.)	1,000,000	-	-	-	-			1,000,000	-
Chattown Skate Park	274,000	-	49,000	-	-			225,000	-
East Lake Park Improvements	150,000	-	-	-	-			150,000	-
Environmental Protection Agency (EPA) Brownfield Cleanup Grant Cost Share	600,000	500,000	-	-	-			100,000	-
Lynnbrook Park	137,000	-	137,000	-	-			-	-
Neighborhood Reinvestment Fund	200,000	-	-	-	-			200,000	-
Public Art in New Capital Construction	212,700	-	-	-	-			212,700	-
Police Department	768,325	-	516,599	-	-			-	251,726
Police Department	768,325	-	516,599	-	-			-	251,726
In Car Cameras	200,000	-	-	-	-			-	200,000
Police Laptops	150,000	-	98,274	-	-			-	51,726
Police Vehicle Equipment Package	195,000	-	195,000	-	-			-	-
RECOVER System	66,600	-	66,600	-	-			-	-
RTIC	156,725	-	156,725	-	-			-	-
Fire Department	335,000	-	175,000	-	-			160,000	-
Fire Department	335,000	-	175,000	-	-			160,000	-
Automatic External Defibrillators (AED) Replacement	100,000	-	100,000	-	-			-	-
Fire Station Capital Maintenance	75,000	-	75,000	-	-			-	-
Station 15 Replacement	160,000	-	-	-	-			160,000	-
Public Works	26,151,145	7,608,000	576,878	-	1,976,992		669,889	7,829,778	7,489,608
Public Works	26,151,145	7,608,000	576,878	-	1,976,992		669,889	7,829,778	7,489,608
235 Aster Ave (FEMA)	8,000	7,000	1,000	-	-			-	-
495 Riverfront Parkway (FEMA)	300,000	262,500	37,500	-	-			-	-
54 Manufacturer's Road (FEMA)	1,500,000	1,312,500	-	-	-			187,500	-
Building Energy Efficiency Upgrades	184,465	-	184,465	-	-			-	-
Chattanooga African American Museum Repairs	630,000	315,000	-	-	-			315,000	-
City Buildings & YFD Centers Major Maintenance	1,000,000	-	100,503	-	-			-	899,497
City Facilities Assessment	300,000	-	-	-	-			300,000	-

City Of Chattanooga
 Capital Budget Summary by Project
 Fiscal Year 2020

**The initials "A.O." and "A.S.F." as appear in this section shall have the same meaning as described in Section 5a of the Operating Budget Ordinance 13xxx

Row Labels	Proposed FY20	External	Reserves	Operations	Bonds	SRF	Hotel/Motel	EconDev	Other City
City Facilities Capital Improvements and/or Campus Consolidation	1,617,000	-	-	-	1,126,992			490,008	-
Electric Vehicle Infrastructure	50,000		50,000						
ESIP - Ferdinand Piech Way modifications	1,100,000	550,000	-	-	550,000			-	-
Fleet Capital Infusion	2,588,680	-	-	-				2,588,680	-
Fleet Program Purchases	5,000,000	-	-	-				-	5,000,000
Greenway Farm Conference Center Replacement	300,000	-	-	-	300,000			-	-
Greenway Farm, 3008 Hamill Road, Chattanooga, TN (FEMA)	50,000	43,750	6,250					-	-
Heritage Park (FEMA)	10,000	8,750	1,250					-	-
Increased Curbside Recycling	1,600,000	1,600,000	-	-				-	-
Marina Floating Dock, 201 Riverfront Parkway, Chattanooga, TN (FEMA)	10,000	8,750	1,250					-	-
Old Hixson Pk @ Chickamauga Crk (FEMA)	30,000	26,250	3,750					-	-
Parks ADA Repairs	200,000	-	26,410					173,590	-
Parks, Playgrounds, Field Maintenance	300,000	-	-					300,000	-
Plan of Services Obligations	250,000	-	-					250,000	-
Project Management Software	50,000	-	50,000					-	-
Rivermont Park (FEMA)	25,000	21,875	3,125					-	-
Ross's Landing, 201 Riverfront Pkwy (FEMA)	250,000	218,750	31,250					-	-
Site Improvement Requirements for New Construction of YFD Facilities	2,577,000	-	77,000					2,500,000	-
Stringer's Ridge Park Landslide (FEMA)	2,200,000	1,925,000	-					275,000	-
Tivoli Foundation Annual Capital Appropriation (A.O.)	450,000	-	-					450,000	-
TN Riverwalk at Cameron Harbor, 634 Mariner Way (FEMA)	25,000	21,875	3,125					-	-
Walnut Plaza/Holmberg Bridge/Ed Johnson Site Prep	1,586,000	1,286,000	-				300,000	-	-
Walnut Street Bridge	1,960,000	-	-				369,889	-	1,590,111
Transportation	47,282,605	30,888,258	2,227,269	2,124,850	7,923,498			2,378,371	1,740,359
Transportation	47,282,605	30,888,258	2,227,269	2,124,850	7,923,498			2,378,371	1,740,359
2850 Hamill Road (FEMA)	5,000,000	4,375,000	-	-				625,000	-
3rd / 4th Street (REQ)	8,500,000	6,800,000	-	-	1,700,000			-	-
3rd Street at Palmetto Traffic Signal Installation	250,000	-	-	-				250,000	-
5500 Lake Resort Drive (FEMA)	9,000,000	7,875,000	1,125,000					-	-
613 Broad Street Sidewalk Repair	150,000	-	-					150,000	-
Airport Area Road Improvements - Traffic & Safety Improvements at E. Brainerd/Lee Highway Intersection	300,000	-	-		300,000			-	-
Alton Park Riverwalk Connector	150,000	-	-		150,000			-	-
Area 3 Commercial District Streetscape Improvements	225,000	-	-		225,000			-	-
Bridge Management & Maintenance (Bailey Ave) - Multiple Locations (Local Funds Capital Projects - Not tied to TIP)	950,000	-	-		950,000			-	-
CDBG Sidewalks	200,000	200,000	-					-	-
Central Avenue (REQ)	1,370,000	1,096,000	-		274,000			-	-
CHATT1 TIP Resurfacing Grouping (P20213)	647,855	-	-					647,855	-
Elder Mountain Road slope stabilization and roadway improvements (FEMA)	7,000,000	6,125,000	466,124		408,876			-	-
Patten Parkway	2,447,772	447,772	-		2,000,000			-	-
Pavement Preventative Maintenance	250,000	-	250,000					-	-
PCI Database Update	400,000	-	-					400,000	-
Pelican Drive at Jersey Pike	50,000	-	50,000					-	-
Sidewalks (P20306)	350,000	-	-		350,000			-	-
Signal Upgrade for Hickory Valley Rd at Discovery Dr (to accept donation agreement) P20118	47,806	47,806	-					-	-
Somerville Connector	500,000	250,000	-		250,000			-	-
Street Improvements (paving) (P20201)	4,112,209	-	-	2,124,850				247,000	1,740,359
TIP - Traffic Sign Retro-reflectivity	563,963	477,818	86,145					-	-
Trans Stsc Sdwk - Riverwalk Extension (Middle St to Incline) TIP Project Name: St. Elmo Riverwalk Extension	1,000,000	118,862	-		881,138			-	-
Transit Signal Prioritization	1,250,000	1,000,000	250,000					-	-

City Of Chattanooga
 Capital Budget Summary by Project
 Fiscal Year 2020

****The initials "A.O." and "A.S.F." as appear in this section shall have the same meaning as described in Section 5a of the Operating Budget Ordinance 13xxx**

Row Labels	Proposed FY20	External	Reserves	Operations	Bonds	SRF	Hotel/Motel	EconDev	Other City
Wilcox Boulevard Tunnel, East Entrance (FEMA)	2,200,000	1,925,000	-	-	216,484			58,516	-
Woodmore SRTS - Construction Phase & CEI (P20312)	368,000	150,000	-	-	218,000			-	-
YFD Recreation	550,000	-	150,000	-				400,000	-
YFD Recreation	550,000	-	150,000	-				400,000	-
Early Learning Center Capital Grants	100,000	-	-	-				100,000	-
Head Start Facility Build Out and Repair	200,000	-	-	-				200,000	-
OEL Curriculum	150,000	-	150,000	-				-	-
Security Camera Replacement for Head Start	100,000	-	-	-				100,000	-
Enterprise	108,642,209	696,639	15,320,026	31,625,544		59,000,000		-	2,000,000
Solid Waste	753,195	-	-	753,195				-	-
Solid Waste	753,195	-	-	753,195				-	-
Landfill Heavy Equipment Maintenance	500,000	-	-	500,000				-	-
New Solid Waste and Recycle Facility	253,195	-	-	253,195				-	-
Interceptor Sewer Fund	100,916,014	508,514	14,985,500	26,422,000		59,000,000		-	-
Interceptor Sewer Fund	100,916,014	508,514	14,985,500	26,422,000		59,000,000		-	-
Citico Creek Sub Basin Combined Sewer Separation Project, 950 Riverside Dr, Chattanooga, TN 37403 (FEMA)	225,000	196,875	-	28,125				-	-
Citico CSO 929 Riverside Drive (FEMA)	106,159	92,889	-	13,270				-	-
Citico PS Improvements	4,000,000	-	-	-		4,000,000		-	-
Citico Pump Reliability Improvements (FEMA)	250,000	218,750	-	31,250				-	-
Contingency - Plans and Studies	200,000	-	-	200,000				-	-
Contingency MBWWTP Improvements	3,527,355	-	3,498,000	29,355				-	-
Critical Pump Station Improvements Master Plan	300,000	-	300,000	-				-	-
CSOTF Equipment Replacement Program	650,000	-	650,000	-				-	-
Implementation of CD Green Infra Projects in the CSS	500,000	-	500,000	-				-	-
Implementation of Vulnerability Recommendations	500,000	-	500,000	-				-	-
ISS Capacity Improvements	2,000,000	-	2,000,000	-				-	-
Laboratory Equipment	150,000	-	-	150,000				-	-
Long Term Control Plan Upgrades	2,737,500	-	2,737,500	-				-	-
Lupton City Sewer Rehabilitation	3,000,000	-	3,000,000	-				-	-
Lupton Drive Chronic SSO Elimination Project	4,000,000	-	-	4,000,000				-	-
MBWWTP Renewable Solar	2,250,000	-	-	2,250,000				-	-
MBWWTP Solids Process Optimization Implementation - Phase 4 (A-D) (Digester Upgrades)	20,000,000	-	-	-		20,000,000		-	-
MBWWTP Unox Electrical Upgrades	320,000	-	-	320,000				-	-
Mountain Creek PS Improvements	300,000	-	300,000	-				-	-
Program Management For Consent Decree Implementation	2,400,000	-	-	2,400,000				-	-
Riverview Park/CGCC Chronic SSO Elimination Project	4,000,000	-	-	4,000,000				-	-
Secondary Clarifier Flow Meter & Gate Replacement	1,500,000	-	1,500,000	-				-	-
South Chickamauga Creek 3 Rehabilitation	6,000,000	-	-	6,000,000				-	-
Tiftonia PS#1 Safety Upgrade	5,000,000	-	-	5,000,000				-	-
Tubman Site Sewer Replacement	2,000,000	-	-	2,000,000				-	-
Wet Weather Storage Phase 5 - East Brainerd	15,000,000	-	-	-		15,000,000		-	-
Wet Weather Storage Phase 6 - Hixson PS #1	10,000,000	-	-	-		10,000,000		-	-
Wet Weather Storage Phase 7 - Lee Highway	10,000,000	-	-	-		10,000,000		-	-
Water Quality	4,973,000	188,125	334,526	4,450,349				-	-
Water Quality	4,973,000	188,125	334,526	4,450,349				-	-
327 Cross Creek Rd (FEMA)	200,000	175,000	25,000	-				-	-
435 Oliver Street Chattanooga, TN 37405 (FEMA)	15,000	13,125	1,875	-				-	-

City Of Chattanooga
Capital Budget Summary by Project
Fiscal Year 2020

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Row Labels	Proposed FY20	External	Reserves	Operations	Bonds	SRF	Hotel/Motel	EconDev	Other City
Automated Flood warning system	150,000		-	150,000				-	-
Central Avenue Ext Separation Project	1,300,000	-	-	1,300,000				-	-
Dartmouth/Five Points Watershed SIP - Phase I	50,000	-	-	50,000				-	-
Davidson Road	600,000		-	600,000				-	-
Flood Control Pump Station Upgrades	500,000		-	500,000				-	-
Floodplain Modeling	50,000	-	-	50,000				-	-
GI Prioritization Tool	50,000		-	50,000				-	-
Glass Street Area / Taylor St, Dodson Ave, Crutchfield St	350,000		-	350,000				-	-
Green Alley Program	144,000	-	-	144,000				-	-
Heavy Equipment	525,000		-	525,000				-	-
Operations Building	50,000		-	50,000				-	-
Riverfront Parkway/MLK CSS Separation Project	640,000	-	307,651	332,349				-	-
Stream Buffer Conservation	99,000	-	-	99,000				-	-
Stream Restoration/Various Sites	250,000		-	250,000				-	-
TVRCS	2,000,000								2,000,000
Fire Department	2,000,000								2,000,000
Microwave Radio and Multiprotocol Label Switching (MPLS)	2,000,000								2,000,000
Clean Up	(11,022,611)	(14,124,685)			(954,800)				4,056,874
General Government	(4,930,604)	(4,446,144)			(3,000,000)				2,515,540
Agency	1,069,396	(1,446,144)							2,515,540
Enterprise South Industrial Park (Clean-up)	1,020,619	(1,446,144)							2,466,763
ESIP Workforce Dev Center (Clean-up)	48,777								48,777
IDB	(6,000,000)	(3,000,000)			(3,000,000)				
6.2 Local Infrastructure (Welcome Center) (Clean-up)	(6,000,000)	(3,000,000)			(3,000,000)				
Economic and Community Development	-	-							-
Agency	1,400,000	1,400,000							1,400,000
Chattanooga Neighborhood Enterprise (A.O.)	200,000	200,000							200,000
Health, Education and Housing Facilities Board (A.O.)	700,000	700,000							700,000
Trust for Public Land (A.O.)	500,000	500,000							500,000
ECD	(1,400,000)	(1,400,000)							(1,400,000)
Affordable Housing Trust	(900,000)	(900,000)							(900,000)
NS Cap-S. Chick Greenway - Cromwell Connector (FY18)	(500,000)	(500,000)							(500,000)
Police Department	750,926				499,200				251,726
Police Department	750,926				499,200				251,726
Motorola Portable Radios (Clean-up)	251,726								251,726
Police Capital Projects	499,200				499,200				
Fire Department	-	(899,497)			1,200,000				(300,503)
Fire Department	-	(899,497)			1,200,000				(300,503)
City Wide Radio Equipment Lease Program (Clean-up)	-	(899,497)			1,200,000				(300,503)
Public Works	(6,935,816)	(8,871,928)			346,000				1,590,111
Public Works	(6,935,816)	(8,871,928)			346,000				1,590,111
21st Cent Cap - Parcels 8 & 9 (Clean-up)	1,590,111								
ESIP Connector Road Extension (Clean-up)	(10,000,000)	(10,000,000)							
ESIP Hickory Valley-Bonny Oaks Intersection (Clean-up)	324,710	324,710							
ESIP Traffic Intersection Study (Clean-up)	746,053	746,053							
Golf Cart Lease (Clean-up)	346,000				346,000				
MPO-Old State Projects (Clean-up)	899,497	899,497							
Playground Improvements (Clean-up)	19,073	19,073							

City Of Chattanooga
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Row Labels	Proposed FY20	External	Reserves	Operations	Bonds	SRF	Hotel/Motel	EconDev	Other City
Volunteer Ordinance Connector (Clean-up)	(861,260)	(861,260)							
Transportation	92,883	92,883							
Transportation	92,883	92,883							
MLK Corridor Improvements (Clean-up)	9,977	9,977							
Traffic Engineering Capital Equipment (Clean-up)	47,806	47,806							
Virginia Ave Greenway Traffic Calming (Clean-up)	35,100	35,100							
Grand Total	183,862,174	25,568,212	21,320,026	33,750,394	8,945,690	59,000,000	669,889	18,000,000	16,607,963



City Of Chattanooga
Other City Sources by Project
Fiscal Year 2020

Department	Other City Sources									
	Recommended Other City Sources	Fleet Mgt Fund (6504)	State Street Aid (2050)	TVRCS Reserves	Enterprise South Industrial Park (4013/A60108) Sale of Property)	Police Motorola Portable Radios (4012/H30107)	Police Capital/Narcotics Fund Revenue (Fund 4012)	MPO Old State Projects (4016/K13199)	ESIP Workforce Development Center (4013/A60116)	21st Century Waterfront Capital (4021)
General Government Economic & Community Development	1,069,396				1,020,619			48,777		
Police	251,726					251,726				
Public Works	7,489,608	5,000,000					899,497		1,590,111	
Transportation	1,740,359		1,740,359							
Total Govt Funds	10,551,089	5,000,000	1,740,359	-	1,020,619	-	251,726	899,497	48,777	1,590,111
Interceptor Sewer Water Quality TVRCS	2,000,000			2,000,000						
Total Enterprise Funds	2,000,000	-	-	2,000,000	-	-	-	-	-	-
Total All Funds	12,551,089	5,000,000	1,740,359	2,000,000	1,020,619	-	251,726	899,497	48,777	1,590,111
General Government	1,069,396									
Volkswagen Matching-Incentive for Electric Vehicle Production Facility	1,020,619				1,020,619					
Library HVAC/Electrical Phase 2	48,777							48,777		
Economic & Community Development	-									
East Lake Park Improvements	-									
Environmental Protection Agency (EPA) Brownfield Cleanup Grant Cost Share	-									
Police	251,726									
In-Car Cameras	200,000					200,000				
Police Laptops	51,726					51,726				
Public Works	7,489,608									
Fleet Program Purchases	5,000,000	5,000,000								
54 Manufacturer's Rd (FEMA)	-									
235 Aster Ave (FEMA)	-									
495 Riverfront Parkway (FEMA)	-									
Chattanooga African American Museum Repairs	-									
City Buildings & YFD Centers Major Maintenance	899,497							899,497		
ESIP- Ferdinand Piech Way modifications	-									
Greenway Farm, 3008 Hamill Rd (FEMA)	-									
Heritage Park (FEMA)	-									
Increased Curbside Recycling	-									
Marina Floating Dock, 201 Riverfront Parkway (FEMA)	-									

City Of Chattanooga
 Other City Sources by Project
 Fiscal Year 2020

Department	Other City Sources									
	Recommended Other City Sources	Fleet Mgt Fund (6504)	State Street Aid (2050)	TVRCS Reserves	Enterprise South	Police Motorola Portable Radios (4012/H30107)	Police Capital/Narcotics Fund Revenue (Fund 4012)	MPO Old State Projects (4016/K13199)	ESIP Workforce Development Center (4013/A60116)	21st Century Waterfront Capital (4021)
					Industrial Park (4013/A60108) Sale of Property)					
Old Hixson Pk @ Chickamauga Crk (FEMA)	-									
Rivermont Park (FEMA)	-									
Ross's Landing, 201 Riverfront Pkwy (FEMA)	-									
Stringer's Ridge Park Landslide (FEMA)	-									
TN Riverwalk at Cameron Harbor, 634 Mariner Way (FEMA)	-									
Walnut Plaza/Holmberg Bridge/Ed Johnson Site Prep	-									
Walnut Street Bridge	1,590,111									1,590,111
Transportation	1,740,359									
Street improvements (paving) (P20201)	1,740,359		1,740,359							
3rd/4th Street	-									
2850 Hamill Rd (FEMA)	-									
5500 Lake Resort Drive (FEMA)	-									
CDBG Sidewalks	-									
Central Avenue	-									
Elder Mountain Road slope stabilization and roadway improvements (FEMA)	-									
Patten Parkway	-									
Signal Upgrade for Hickory Valley Rd at Discovery Dr	-									
Somerville Connector	-									
TIP- Traffic Sign Retro-reflectivity	-									
Trans Stsc Sdwk - Riverwalk Extension (Middle St to Incline) TIP Project Name:										
St. Elmo Riverwalk Extension	-									
Transit Signal Prioritization	-									
Wilcox Boulevard Tunnel, East Entrance (FEMA)	-									
Woodmore SRTS- Construction Phase & CEI	-									
Interceptor Sewer System	-									
Citico Creek Sub Basin Combined Sewer Separation, 950 Riverside Dr (FEMA)	-									
Citico CSO 929 Riverside Dr (FEMA)	-									
Citico Pump Reliability Improvements (FEMA)	-									

City Of Chattanooga
 Other City Sources by Project
 Fiscal Year 2020

Department	Other City Sources									
	Recommended Other City Sources	Fleet Mgt Fund (6504)	State Street Aid (2050)	TVRCS Reserves	Enterprise South Industrial Park (4013/A60108 Sale of Property)	Police Motorola Portable Radios (4012/H30107)	Police Capital/Narcotics Fund Revenue (Fund 4012)	MPO Old State Projects (4016/K13199)	ESIP Workforce Development Center (4013/A60116)	21st Century Waterfront Capital (4021)
Water Quality	-									
327 Cross Creek Rd (FEMA)	-									
435 Oliver Street Chattanooga, TN 37405	-									
TVRCS	2,000,000									
Microwave Radio and Multiprotocol Label Switching (MPLS)	2,000,000			2,000,000						
Total Projects	12,551,089	5,000,000	1,740,359	2,000,000	1,020,619	-	251,726	899,497	48,777	1,590,111



City Of Chattanooga
External Sources by Project
Fiscal Year 2020

Department	External Funding Sources														
	Recommended External Sources	Bristol Development	Environmental Protection Agency Brownfield Cleanup Grant	FEMA	Gestamp	Hamilton County	HUD	Plastic Omnium	Recycle Partnership	River City Company	Transportation Alternative Programs (TAP)	TIP Funding (through MPO)	TEMA	TDEC	WestRock
General Government	-														
Economic & Community Development	500,000		500,000												
Police	-														
Public Works	7,608,000			3,306,000		865,000			224,000	1,286,000			551,000	800,000	576,000
Transportation	30,888,258	250,000		17,400,000	45,184		200,000	2,622		447,772		9,642,680	2,900,000		
Total Govt Funds	38,996,258	250,000	500,000	20,706,000	45,184	865,000	200,000	2,622	224,000	1,733,772	-	9,642,680	3,451,000	800,000	576,000
Interceptor Sewer	508,514			435,869									72,645		
Water Quality	188,125			161,250									26,875		
TVRCS	-														
Total Enterprise Funds	696,639	-	-	597,119	-	-	-	-	-	-	-	-	99,520	-	-
Total All Funds	39,692,897	250,000	500,000	21,303,119	45,184	865,000	200,000	2,622	224,000	1,733,772	-	9,642,680	3,550,520	800,000	576,000
General Government	-														
Volkswagen Matching-Incentive for Electric Vehicle Production Facility	-														
Library HVAC/Electrical Phase 2	-														
Economic & Community Development	500,000														
East Lake Park Improvements	-														
Environmental Protection Agency (EPA) Brownfield Cleanup Grant Cost Share	500,000		500,000												
Police	-														
In-Car Cameras	-														
Police Laptops	-														
Public Works	7,608,000														
Fleet Program Purchases	-														
54 Manufacturer's Rd (FEMA)	1,312,500			1,125,000									187,500		
235 Aster Ave (FEMA)	7,000			6,000									1,000		
495 Riverfront Parkway (FEMA)	262,500			225,000									37,500		
Chattanooga African American Museum Repairs	315,000					315,000									
City Buildings & YFD Centers Major Maintenance	-														
ESIP- Ferdinand Piech Way modifications	550,000					550,000									-
Greenway Farm, 3008 Hamill Rd (FEMA)	43,750			37,500									6,250		
Heritage Park (FEMA)	8,750			7,500									1,250		
Increased Curbside Recycling	1,600,000								224,000					800,000	576,000
Marina Floating Dock, 201 Riverfront Parkway (FEMA)	8,750			7,500									1,250		
Old Hixson Pk @ Chickamauga Crk (FEMA)	26,250			22,500									3,750		
Rivermont Park (FEMA)	21,875			18,750									3,125		
Ross's Landing, 201 Riverfront Pkwy (FEMA)	218,750			187,500									31,250		
Stringer's Ridge Park Landslide (FEMA)	1,925,000			1,650,000									275,000		
TN Riverwalk at Cameron Harbor, 634 Mariner Way (FEMA)	21,875			18,750									3,125		
Walnut Plaza/Holmberg Bridge/Ed Johnson Site Prep	1,286,000									1,286,000					

City Of Chattanooga

External Sources by Project
Fiscal Year 2020

Department	Recommended External Sources	External Funding Sources													
		Bristol Development	Environmental Protection Agency Brownfield Cleanup Grant	FEMA	Gestamp	Hamilton County	HUD	Plastic Omnium	Recycle Partnership	River City Company	Transportation Alternative Programs (TAP)	TIP Funding (through MPO)	TEMA	TDEC	WestRock
Walnut Street Bridge	-														
Transportation	30,888,258														
Street improvements (paving) (P20201)	-														
3rd/4th Street	6,800,000											6,800,000			
2850 Hamill Rd (FEMA)	4,375,000			3,750,000									625,000		
5500 Lake Resort Drive (FEMA)	7,875,000			6,750,000									1,125,000		
CDBG Sidewalks	200,000						200,000								
Central Avenue	1,096,000											1,096,000			
Elder Mountain Road slope stabilization and roadway improvements (FEMA)	6,125,000			5,250,000									875,000		
Patten Parkway	447,772									447,772					
Signal Upgrade for Hickory Valley Rd at Discovery Dr	47,806				45,184			2,622							
Somerville Connector	250,000	250,000													
TIP- Traffic Sign Retro-reflectivity	477,818											477,818			
Trans Stsc Sdwk - Riverwalk Extension (Middle St to Incline) TIP Project Name: St. Elmo Riverwalk Extension	118,862											118,862			
Transit Signal Prioritization	1,000,000											1,000,000			
Wilcox Boulevard Tunnel, East Entrance (FEMA)	1,925,000			1,650,000									275,000		
Woodmore SRTS- Construction Phase & CEI	150,000											150,000			
Interceptor Sewer System	508,514														
Citico Creek Sub Basin Combined Sewer Separation, 950 Riverside Dr (FEMA)	196,875			168,750									28,125		
Citico CSO 929 Riverside Dr (FEMA)	92,889			79,619									13,270		
Citico Pump Reliability Improvements (FEMA)	218,750			187,500									31,250		
Water Quality	188,125														
327 Cross Creek Rd (FEMA)	175,000			150,000									25,000		
435 Oliver Street Chattanooga, TN 37405	13,125			11,250									1,875		
TVRCS	-														
Microwave Radio and Multiprotocol Label Switching (MPLS)	-														
Total Projects	39,692,897	250,000	500,000	21,303,119	45,184	865,000	200,000	2,622	224,000	1,733,772	-	9,642,680	3,550,520	800,000	576,000

City Of Chattanooga
 Other City Sources (Budget Cleanup) by Project
 Fiscal Year 2020

Project Name												Total Other City Sources Only	Total All Funding Sources	
	Fleet Mgt Fund (6504)	State Street Aid (2050)	Cromwell Connector (4020) G30016	Affordable Housing Trust (4020) G30018	Sale of Property	Leases/Bonds	Narcotics Program	Economic Development	Misc	Interest				
Police														
Police Capital Projects						499,200.00								499,200.00
Motorola Portable Radios								251,726.40					251,726.40	251,726.40
General														
Enterprise South Industrial Park					2,399,293.14					67,469.53		2,466,762.67	2,466,762.67	2,466,762.67
ESIP Workforce Dev Center									48,777.00			48,777.00	48,777.00	48,777.00
21st Cent Cap - Parcels 8 & 9					1,568,858.98					15,868.68	5,383.69	1,590,111.35	1,590,111.35	1,590,111.35
6.2 Local Infrastructure (Welcome Center)						(3,000,000.00)								(3,000,000.00)
Public Works														
MPO-Old State Projects														-
ESIP Hickory Valley-Bonny Oaks Intersection														-
ESIP Traffic Intersection Study														-
Playground Improvements														-
Golf Cart Lease							346,000.20							346,000.20
Volunteer Ordinance Connector														-
ESIP Connector Road Extension														-
CDOT														
Traffic Engineering Capital Equipment														-
MLK Corridor Improvements														-
Virginia Ave Greenway Traffic Calming														-
Fire														
City Wide Radio Equipment Lease Program							1,200,000.00	(251,726.40)	(48,777.00)			(300,503.00)	899,497.00	899,497.00
Economic & Community Development														
NS Cap-S. Chick Greenway - Cromwell Connector (FY18)														(500,000.00)
Trust for Public Land (Cromwell) (A.O.)														500,000.00
Affordable Housing Trust							(900,000.00)							(900,000.00)
Chattanooga Neighborhood Enterprise (A.O.)							200,000.00							200,000.00
Health, Education and Housing Facilities Board (A.O.)							700,000.00							700,000.00
	-	-	-	-	-	3,968,152.12	(954,799.80)	-	-	15,868.68	72,853.22	4,056,874.42	3,102,074.62	

City Of Chattanooga
 External Sources (Budget Cleanup) by Project
 Fiscal Year 2020

Project Name								Total External Sources
	Hamilton County	HUD	Federal	State	Private Donations/ Misc	CNE	Partnership Agreement	
Police								
Police Capital Projects								-
Motorola Portable Radios								-
General								
Enterprise South Industrial Park	(696,143.81)		(750,000.00)					(1,446,143.81)
ESIP Workforce Dev Center								-
21st Cent Cap - Parcels 8 & 9								-
6.2 Local Infrastructure (Welcome Center)	(3,000,000.00)							(3,000,000.00)
Public Works								
MPO-Old State Projects				899,497.00				899,497.00
ESIP Hickory Valley-Bonny Oaks Intersection	324,710.12							324,710.12
ESIP Traffic Intersection Study	746,053.04							746,053.04
Playground Improvements	15,000.00	4,072.59						19,072.59
Golf Cart Lease								-
Volunteer Ordinance Connector				(861,260.38)				(861,260.38)
ESIP Connector Road Extension			(10,000,000.00)					(10,000,000.00)
CDOT								
Traffic Engineering Capital Equipment					47,806.29			47,806.29
MLK Corridor Improvements							9,976.70	9,976.70
Virginia Ave Greenway Traffic Calming						35,100.00		35,100.00
Fire								
City Wide Radio Equipment Lease Program				(899,497.00)				(899,497.00)
Economic & Community Development								
NS Cap-S. Chick Greenway - Cromwell Connector (FY18)								
Trust for Public Land (Cromwell) (A.O.)								
Affordable Housing Trust								
Chattanooga Neighborhood Enterprise (A.O.)								
Health, Education and Housing Facilities Board (A.O.)								
	(2,610,380.65)	4,072.59	(10,750,000.00)	(861,260.38)	47,806.29	35,100.00	9,976.70	(14,124,685.45)

RESOLUTION NO. _____

A RESOLUTION ADOPTING A FIVE-YEAR CAPITAL IMPROVEMENT PLAN FOR FISCAL YEARS 2020-2024, 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 2020-2024 for the City of Chattanooga, subject to future revisions; a copy of which is attached hereto and made a part hereof by reference.

ADOPTED: _____, 2019



City of Chattanooga

FY20-24 Capital Budget Summary by Department

Department	Proposed FY2020	Proposed FY2021	Proposed FY2022	Proposed FY2023	Proposed FY2024	5 Year Total
General						
Economic and Community Development	2,573,700	4,733,000	3,600,000	3,000,000	2,000,000	15,906,700
Fire Department	335,000	2,125,000	2,825,000	-	-	5,285,000
Police Department	768,325	731,600	707,100	300,000	300,000	2,807,025
Public Works	26,151,145	14,100,000	8,100,000	10,100,000	9,700,000	68,151,145
Transportation	47,282,605	26,444,657	24,884,000	20,562,900	26,781,561	145,955,723
YFD Recreation	550,000	550,000	2,500,000	-	-	3,600,000
General Government/CARTA	8,581,801	4,300,031	2,753,635	2,230,939	824,941	18,691,347
General Total	86,242,576	52,984,288	45,369,735	36,193,839	39,606,502	260,396,940
Enterprise						
Interceptor Sewer Fund	100,916,014	85,150,000	59,800,000	40,250,000	20,500,000	306,616,014
Water Quality	4,973,000	8,559,000	7,140,000	7,320,000	11,490,000	39,482,000
Solid Waste	753,195	1,500,000	500,000	500,000	500,000	3,753,195
TVRCS	2,000,000					2,000,000
Enterprise Total	108,642,209	95,209,000	67,440,000	48,070,000	32,490,000	351,851,209
Clean Up						
Economic and Community Development	-	-	-	-	-	-
Fire Department	-	-	-	-	-	-
Police Department	750,926	-	-	-	-	750,926
Public Works	(6,935,816)	-	-	-	-	(6,935,816)
Transportation	92,883	-	-	-	-	92,883
General Government/CARTA	(4,930,604)	-	-	-	-	(4,930,604)
Clean Up Total	(11,022,611)	-	-	-	-	(11,022,611)
Total All Funds	183,862,174	148,193,288	112,809,735	84,263,839	72,096,502	601,225,538



City of Chattanooga
FY20-24 Capital Budget Summary by Project

****The initials "A.O." and "A.S.F." as appear in this section shall have the same meaning as described in Section 5a of the Operating Budget Ordinance 13xxx**

Department	Proposed FY2020	Proposed FY2021	Proposed FY2022	Proposed FY2023	Proposed FY2024	5 Year Total
General	86,242,576	52,984,288	45,369,735	36,193,839	39,606,502	260,396,940
General Government/CARTA	8,581,801	4,300,031	2,753,635	2,230,939	824,941	18,691,347
Agency	3,700,000	500,000	-	-	-	4,200,000
Charles H. Coolidge Medal of Honor Heritage Center (A.O.) Chattanooga Zoo:	250,000	-	-	-	-	250,000
African Expansion (A.O.)	250,000	250,000	-	-	-	500,000
Erlanger Children's Hospital (A.O.)	250,000	250,000	-	-	-	500,000
Chattanooga Design Studio (Public Realm Tactical Pilot Projects) (A.O.)	300,000	-	-	-	-	300,000
Stadium Digital Videoboard (A.O.)	150,000	-	-	-	-	150,000
Volkswagen Matching-Incentive for Electric Vehicle Production Facility (A.O.)	2,500,000	-	-	-	-	2,500,000
Chattanooga Area Regional Transportation Authority	429,878	744,391	751,192	763,041	324,941	3,013,443
CARTA Facilities Projects	40,137	41,341	42,581	43,858	45,174	213,091
CARTA Technology Projects	29,712	28,050	28,611	29,183	29,767	145,323
CARTA Vehicles & Equipment	360,029	675,000	680,000	690,000	250,000	2,655,029
Chattanooga Public Library	2,193,547	-	524,875	967,898	-	3,686,320
Library - Accessibility Improvements	-	-	324,875	967,898	-	1,292,773
Library - Asbestos Abatement	-	-	200,000	-	-	200,000
Library HVAC/Electrical Phase 2	2,193,547	-	-	-	-	2,193,547
Department of Information Technology	520,000	650,000	500,000	500,000	500,000	2,670,000
City Network Rebuild	200,000	400,000	300,000	300,000	300,000	1,500,000
Citywide Security Cameras	-	250,000	200,000	200,000	200,000	850,000
Website Upgrade	320,000	-	-	-	-	320,000
Finance and Administration	1,738,376	2,405,640	977,568	-	-	5,121,584
Cloud Software as a Service (SaaS)	1,738,376	2,405,640	977,568	-	-	5,121,584
Economic and Community Development	2,573,700	4,733,000	3,600,000	3,000,000	2,000,000	15,906,700
Economic and Community Development	2,573,700	4,733,000	3,600,000	3,000,000	2,000,000	15,906,700
Chattown Skate Park	274,000	1,500,000	-	-	-	1,774,000
East Lake Park Improvements	150,000	-	-	-	-	150,000
Enterprise South Industrial Park Site Development	-	-	1,000,000	-	-	1,000,000
Environmental Protection Agency (EPA) Brownfield Cleanup Grant Cost Share	600,000	-	-	-	-	600,000
Harris Johnson Park Redesign and Renovation	-	250,000	-	-	-	250,000
Lynnbrook Park	137,000	400,000	100,000	-	-	637,000
Neighborhood Reinvestment Fund	200,000	1,000,000	1,500,000	2,000,000	2,000,000	6,700,000
Public Art in New Capital Construction	212,700	-	-	-	-	212,700
Sterchi Farm Redevelopment Phase II	-	583,000	-	-	-	583,000
Health, Education and Housing Facilities Board (Affordable Housing Fund) (A.O.)	1,000,000	1,000,000	1,000,000	1,000,000	-	4,000,000
Fire Department	335,000	2,125,000	2,825,000	-	-	5,285,000
Fire Department	335,000	2,125,000	2,825,000	-	-	5,285,000
Automatic External Defibrillators (AED) Replacement	100,000	-	-	-	-	100,000
Fire Station Capital Maintenance	75,000	75,000	75,000	-	-	225,000
Regional Training Facility	-	-	2,750,000	-	-	2,750,000
Station 15 Replacement	160,000	2,050,000	-	-	-	2,210,000
Police Department	768,325	731,600	707,100	300,000	300,000	2,807,025
Police Department	768,325	731,600	707,100	300,000	300,000	2,807,025
All Police Facilities Security Enhancements	-	-	53,500	-	-	53,500
In Car Cameras	200,000	-	-	-	-	200,000
Police Annex Renovation Phase II	-	-	120,000	-	-	120,000

City of Chattanooga
FY20-24 Capital Budget Summary by Project

****The initials "A.O." and "A.S.F." as appear in this section shall have the same meaning as described in Section 5a of the Operating Budget Ordinance 13xxx**

Department	Proposed FY2020	Proposed FY2021	Proposed FY2022	Proposed FY2023	Proposed FY2024	5 Year Total
Police Laptops	150,000	300,000	300,000	300,000	300,000	1,350,000
Police Service Center Roof Replacements	-	348,000	-	-	-	348,000
Police Vehicle Equipment Package	195,000	-	-	-	-	195,000
RECOVER System	66,600	-	-	-	-	66,600
Special Operation Robot Intelligence	-	-	150,000	-	-	150,000
RTIC	156,725	83,600	83,600	-	-	323,925
Public Works	26,151,145	14,100,000	8,100,000	10,100,000	9,700,000	68,151,145
Public Works	26,151,145	14,100,000	8,100,000	10,100,000	9,700,000	68,151,145
Chattanooga African American Museum Repairs	630,000	-	-	-	-	630,000
City Buildings & YFD Centers Major Maintenance	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	5,000,000
City Facilities Assessment	300,000	-	-	-	-	300,000
City Facilities Capital Improvements and/or Campus Consolidation	1,617,000	2,000,000	-	-	-	3,617,000
City Hall Boiler Replacement	-	750,000	-	-	-	750,000
City Yard Improvements	-	-	100,000	-	-	100,000
ESIP - Ferdinand Piech Way modifications	1,100,000	-	-	-	-	1,100,000
Fleet Capital Infusion	2,588,680	3,000,000	2,000,000	3,000,000	3,000,000	13,588,680
Fleet Program Purchases	5,000,000	4,000,000	4,000,000	5,000,000	5,000,000	23,000,000
Golf Course Maintenance Equipment Replacement	-	150,000	100,000	100,000	-	350,000
Greenway Farm Conference Center Replacement	300,000	-	-	-	-	300,000
Heritage Park	-	-	-	-	-	-
Increased Curbside Recycling	1,600,000	-	-	-	-	1,600,000
Parks ADA Repairs	200,000	300,000	200,000	100,000	-	800,000
Parks, Playgrounds, Field Maintenance	300,000	300,000	700,000	700,000	700,000	2,700,000
Plan of Services Obligations	250,000	700,000	-	-	-	950,000
Project Management Software	50,000	200,000	-	-	-	250,000
Site Improvement Requirements for New Construction of YFD Facilities	2,577,000	-	-	-	-	2,577,000
South Chattanooga Creek Greenway	-	200,000	-	-	-	200,000
Walnut Plaza	-	-	-	-	-	-
Walnut Street Bridge	1,960,000	1,500,000	-	200,000	-	3,660,000
Building Energy Efficiency Upgrades	184,465	-	-	-	-	184,465
Walnut Plaza/Holmberg Bridge/Ed Johnson Site Prep	1,586,000	-	-	-	-	1,586,000
Stringer's Ridge Park Landslide (FEMA)	2,200,000	-	-	-	-	2,200,000
54 Manufacturer's Road (FEMA)	1,500,000	-	-	-	-	1,500,000
495 Riverfront Parkway (FEMA)	300,000	-	-	-	-	300,000
Ross's Landing, 201 Riverfront Pkwy (FEMA)	250,000	-	-	-	-	250,000
Greenway Farm, 3008 Hamill Road, Chattanooga, TN (FEMA)	50,000	-	-	-	-	50,000
Old Hixson Pk @ Chickamauga Crk (FEMA)	30,000	-	-	-	-	30,000
TN Riverwalk at Cameron Harbor, 634 Mariner Way (FEMA)	25,000	-	-	-	-	25,000
Rivermont Park (FEMA)	25,000	-	-	-	-	25,000
Marina Floating Dock, 201 Riverfront Parkway, Chattanooga, TN (FEMA)	10,000	-	-	-	-	10,000
Heritage Park (FEMA)	10,000	-	-	-	-	10,000
235 Aster Ave (FEMA)	8,000	-	-	-	-	8,000
Electric Vehicle Infrastructure	50,000	-	-	-	-	50,000
Tivoli Foundation Annual Capital Appropriation (A.O.)	450,000	-	-	-	-	450,000
Transportation	47,282,605	26,444,657	24,884,000	20,562,900	26,781,561	145,955,723
Transportation	47,282,605	26,444,657	24,884,000	20,562,900	26,781,561	145,955,723
3rd / 4th Street (REQ)	8,500,000	8,500,000	-	-	-	17,000,000
3rd Street at Palmetto Traffic Signal Installation	250,000	250,000	-	-	-	500,000
613 Broad Street Sidewalk Repair	150,000	-	-	-	-	150,000

City of Chattanooga
FY20-24 Capital Budget Summary by Project

****The initials "A.O." and "A.S.F." as appear in this section shall have the same meaning as described in Section 5a of the Operating Budget Ordinance 13xxx**

Department	Proposed FY2020	Proposed FY2021	Proposed FY2022	Proposed FY2023	Proposed FY2024	5 Year Total
Airport Area Road Improvements - Traffic & Safety Improvements at E. Brainerd/Lee Highway Intersection	300,000	-	-	-	-	300,000
Airport Area Road Improvements - Traffic & Safety Improvements at Lee Highway/ Chickamauga Road/ Airport Road	-	-	-	-	-	-
Airport Area Road Improvements - Vance Road Traffic Calming	-	-	160,000	-	-	160,000
Alton Park Riverwalk Connector	150,000	-	200,000	2,000,000	-	2,350,000
Area 3 Commercial District Streetscape Improvements	225,000	-	-	-	-	225,000
Bridge Maintenance - Multiple Locations (P20402) Trans Bridge - Repairs to City Owned Bridges - Standifer Gap (REQ)	-	100,000	500,000	-	-	600,000
CDBG Sidewalks	200,000	100,000	100,000	100,000	100,000	600,000
Central Avenue (REQ)	1,370,000	2,000,000	10,500,000	-	-	13,870,000
CHATT1 TIP Resurfacing Grouping (P20213)	647,855	-	-	-	-	647,855
City Center Connectivity - Georgia Ave and Patten Porch	-	-	300,000	5,000,000	-	5,300,000
CMAQ 2 Protected Bike Lanes	-	-	-	-	1,700,000	1,700,000
East Lake Connector	-	-	-	400,000	-	400,000
Goodwin Road Segment 4 / Hamilton Pl Blvd. (REQ)	-	-	-	1,000,000	4,000,000	5,000,000
Hwy 58 Bicycle and Pedestrian Facilities Phase 2 (REQ)	-	2,180,561	-	-	-	2,180,561
Lee Highway at McCutcheon Traffic Signal Installation	-	250,000	-	-	-	250,000
Long Street - TDOT Repair Project	-	-	-	192,500	-	192,500
Man/Hamm Paving FDR or -Full Depth Reclamation- of Hamm Rd. & Resurfacing of Manufacturers	-	600,000	-	-	-	600,000
Market Street Streetscape Improvements	-	-	500,000	-	-	500,000
McCallie Avenue Bridge Northwestern Abutment Study + Future Repair	-	450,000	2,000,000	-	-	2,450,000
Miscellaneous right-of-way purchases for ADA specific 311 sidewalk requests.	-	60,000	60,000	60,000	60,000	240,000
Modernize 9 Signalized Intersections	-	-	1,000,000	1,000,000	1,050,000	3,050,000
Patten Parkway	2,447,772	-	-	-	-	2,447,772
Pavement Preventative Maintenance	250,000	250,000	250,000	250,000	250,000	1,250,000
PCI Database Update	400,000	50,000	50,000	50,000	50,000	600,000
Pelican Drive at Jersey Pike	50,000	-	-	-	-	50,000
Roadway Slope Failure (P20205)	-	1,000,000	500,000	500,000	500,000	2,500,000
Shallowford Road, Airport to Jersey (REQ)	-	-	-	1,100,000	10,000,000	11,100,000
Sidewalks (P20306)	350,000	1,431,000	1,564,000	1,710,400	1,871,561	6,926,961
Signal Upgrade for Hickory Valley Rd at Discovery Dr (to accept donation agreement) P20118	47,806	-	-	-	-	47,806
Somerville Connector	500,000	-	-	-	-	500,000
Street Improvements (paving) (P20201)	4,112,209	5,000,000	5,000,000	5,000,000	5,000,000	24,112,209
TIP - Traffic Sign Retro-reflectivity	563,963	-	-	-	-	563,963
TIP Paving CHATT3R1720 (P20214)	-	1,200,000	1,200,000	1,200,000	1,200,000	4,800,000
Trans Stsc Sdwk - Riverwalk Extension (US 27 - Mocc Bend IC) (P20309)	-	2,023,096	-	-	-	2,023,096
Man/Hamm Streetscape Project	-	2,023,096	-	-	-	2,023,096
Trans Stsc Sdwk - Riverwalk Extension (Middle St to Incline) TIP Project Name: St. Elmo Riverwalk Extension	1,000,000	-	-	-	-	1,000,000
Transit Signal Prioritization	1,250,000	-	-	-	-	1,250,000
Woodmore SRTS - Construction Phase & CEI (P20312)	368,000	-	-	-	-	368,000
Bridge Management & Maintenance (Bailey Ave) - Multiple Locations (Local Funds Capital Projects - Not tied to TIP)	950,000	1,000,000	1,000,000	1,000,000	1,000,000	4,950,000
5500 Lake Resort Drive (FEMA)	9,000,000	-	-	-	-	9,000,000

City of Chattanooga
FY20-24 Capital Budget Summary by Project

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Department	Proposed FY2020	Proposed FY2021	Proposed FY2022	Proposed FY2023	Proposed FY2024	5 Year Total
Elder Mountain Road slope stabilization and roadway improvements (FEMA)	7,000,000	-	-	-	-	7,000,000
2850 Hamill Road (FEMA)	5,000,000	-	-	-	-	5,000,000
Wilcox Boulevard Tunnel, East Entrance (FEMA)	2,200,000	-	-	-	-	2,200,000
YFD Recreation	550,000	550,000	2,500,000	-	-	3,600,000
YFD Recreation	550,000	550,000	2,500,000	-	-	3,600,000
Early Learning Center Capital Grants	100,000	150,000	-	-	-	250,000
Head Start Facility Build Out and Repair	200,000	250,000	250,000	-	-	700,000
OEL Curriculum	150,000	150,000	-	-	-	300,000
Security Camera Replacement for Head Start	100,000	-	-	-	-	100,000
YFD Building Renovations	-	-	2,250,000	-	-	2,250,000
Enterprise	108,642,209	95,209,000	67,440,000	48,070,000	32,490,000	351,851,209
Interceptor Sewer Fund	100,916,014	85,150,000	59,800,000	40,250,000	20,500,000	306,616,014
Interceptor Sewer Fund	100,916,014	85,150,000	59,800,000	40,250,000	20,500,000	306,616,014
23rd St PS Improvements	-	4,000,000	-	-	-	4,000,000
Central Avenue Interceptor Sewer	-	6,000,000	-	-	-	6,000,000
Citico PS Improvements	4,000,000	-	-	-	-	4,000,000
Contingency - Plans and Studies	200,000	200,000	200,000	200,000	200,000	1,000,000
Contingency MBWWTP Improvements	3,527,355	3,000,000	4,000,000	2,500,000	3,000,000	16,027,355
Critical Pump Station Improvements Master Plan	300,000	-	-	-	-	300,000
CSOTF Equipment Replacement Program	650,000	300,000	300,000	300,000	300,000	1,850,000
Focused SSES and Rehab - Phase II	-	8,500,000	8,000,000	-	-	16,500,000
Implementation of CD Green Infra Projects in the CSS	500,000	500,000	500,000	500,000	-	2,000,000
Implementation of Vulnerability Recommendations	500,000	500,000	500,000	-	-	1,500,000
ISS Capacity Improvements	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	10,000,000
Laboratory Equipment	150,000	-	-	-	-	150,000
Long Term Control Plan Upgrades	2,737,500	-	-	-	-	2,737,500
Lupton City Sewer Rehabilitation	3,000,000	-	-	-	-	3,000,000
Lupton Drive Chronic SSO Elimination Project	4,000,000	1,000,000	-	-	-	5,000,000
MBWWTP Oxygen Plant Replacement	-	-	12,000,000	-	-	12,000,000
MBWWTP Renewable Solar	2,250,000	-	-	-	-	2,250,000
MBWWTP Solids Process Optimization Implementation - Phase 4 (A-D) (Digester Upgrades)	20,000,000	20,000,000	20,000,000	20,000,000	-	80,000,000
MBWWTP Unox Electrical Upgrades	320,000	-	-	-	-	320,000
MBWWTP Warehouse Improvements	-	-	1,500,000	-	-	1,500,000
MBWWTP Wet Weather Treatment Feasibility Study	-	500,000	-	-	-	500,000
Mountain Creek PS Improvements	300,000	-	-	-	-	300,000
Program Management For Consent Decree Implementation	2,400,000	1,800,000	1,800,000	1,500,000	-	7,500,000
Pump Station Generator 1	-	750,000	-	-	-	750,000
Pump Station Generator 2	-	750,000	-	-	-	750,000
Pump Station Generator 3	-	-	-	750,000	-	750,000
Pump Station Improvements	-	2,000,000	2,000,000	-	-	4,000,000
Pump Station Improvements (IPS Screen Bypass Project)	-	-	-	1,500,000	-	1,500,000
Riverview Park/CGCC Chronic SSO Elimination Project	4,000,000	1,000,000	-	-	-	5,000,000
Secondary Clarifier Flow Meter & Gate Replacement	1,500,000	-	-	-	-	1,500,000
South Chic PS Improvements	-	-	5,000,000	11,000,000	-	16,000,000
South Chickamauga Creek 3 Rehabilitation	6,000,000	-	-	-	-	6,000,000
Tiftonia PS#1 Safety Upgrade	5,000,000	-	-	-	-	5,000,000

City of Chattanooga
FY20-24 Capital Budget Summary by Project

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Department	Proposed FY2020	Proposed FY2021	Proposed FY2022	Proposed FY2023	Proposed FY2024	5 Year Total
Tiftonia PS#2 Safety Upgrade	-	-	2,000,000	-	-	2,000,000
Tiftonia PS#3 Safety Upgrade	-	2,000,000	-	-	-	2,000,000
Tubman Site Sewer Replacement	2,000,000	-	-	-	-	2,000,000
West Tiftonia Sewer Connector Rehabilitation	-	350,000	-	-	-	350,000
Wet Weather Storage - Phase 3	-	10,000,000	-	-	-	10,000,000
Wet Weather Storage Phase 10 - Ringgold PS	-	-	-	-	15,000,000	15,000,000
Wet Weather Storage Phase 5 - East Brainerd	15,000,000	-	-	-	-	15,000,000
Wet Weather Storage Phase 6 - Hixson PS #1	10,000,000	-	-	-	-	10,000,000
Wet Weather Storage Phase 7 - Lee Highway	10,000,000	5,000,000	-	-	-	15,000,000
Wet Weather Storage Phase 8 - Brainerd YFD	-	15,000,000	-	-	-	15,000,000
Citico Pump Reliability Improvements (FEMA)	250,000	-	-	-	-	250,000
Citico Creek Sub Basin Combined Sewer Separation Project, 950 Riverside Dr, Chattanooga, TN 37403 (FEMA)	225,000	-	-	-	-	225,000
Citico CSO 929 Riverside Drive (FEMA)	106,159	-	-	-	-	106,159
Water Quality	4,973,000	8,559,000	7,140,000	7,320,000	11,490,000	39,482,000
Water Quality	4,973,000	8,559,000	7,140,000	7,320,000	11,490,000	39,482,000
Arden Ave Drainage Improvements	-	250,000	-	-	-	250,000
Automated Flood warning system	150,000	150,000	150,000	150,000	150,000	750,000
Brainerd & South Howell	-	-	1,110,000	-	-	1,110,000
Central Avenue Ext Separation Project	1,300,000	-	-	4,000,000	7,740,000	13,040,000
Citico Creek Restoration (Upper Citico Creek Culvert Improvements Project)	-	-	2,290,000	-	-	2,290,000
Dartmouth/Five Points Watershed SIP - Phase I	50,000	900,000	-	-	250,000	1,200,000
Davidson Road	600,000	750,000	750,000	-	-	2,100,000
Elder Mountain Road	-	-	-	890,000	2,000,000	2,890,000
Flood Control Pump Station Upgrades	500,000	1,500,000	500,000	-	-	2,500,000
Floodplain Modeling	50,000	200,000	-	200,000	250,000	700,000
GI Prioritization Tool	50,000	-	-	-	-	50,000
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	144,000	150,000	150,000	150,000	150,000	744,000
Green Infrastructure SOV Bank	-	250,000	-	250,000	100,000	600,000
Heavy Equipment	525,000	670,000	-	-	-	1,195,000
Latta St (Upper Citico Creek Culvert Improvements Project)	-	167,000	-	-	-	167,000
On-Call Landscape Design	-	-	100,000	-	-	100,000
Operations Building	50,000	-	-	-	-	50,000
Regional Detention Buffer/Easement	-	-	350,000	350,000	350,000	1,050,000
Riverfront Parkway/MLK CSS Separation Project	640,000	700,000	640,000	-	-	1,980,000
Riverside Dr (Upper Citico Creek Culvert Improvements Project)	-	173,000	-	-	-	173,000
Stream Buffer Conservation	99,000	99,000	-	200,000	-	398,000
Stream Restoration/Various Sites	250,000	250,000	-	250,000	250,000	1,000,000
Stuart St (Upper Citico Creek Culvert Improvements Project)	-	150,000	-	-	-	150,000
USACE/FEMA Floodplain Culvert Replacement Projects	-	100,000	100,000	250,000	250,000	700,000
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
327 Cross Creek Rd (FEMA)	200,000	-	-	-	-	200,000
435 Oliver Street Chattanooga, TN 37405 (FEMA)	15,000	-	-	-	-	15,000
Solid Waste	753,195	1,500,000	500,000	500,000	500,000	3,753,195
Solid Waste	753,195	1,500,000	500,000	500,000	500,000	3,753,195

City of Chattanooga
FY20-24 Capital Budget Summary by Project

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Department	Proposed FY2020	Proposed FY2021	Proposed FY2022	Proposed FY2023	Proposed FY2024	5 Year Total
Landfill Heavy Equipment Maintenance	500,000	500,000	500,000	500,000	500,000	2,500,000
New Solid Waste and Recycle Facility	253,195	1,000,000	-	-	-	1,253,195
TVRCS	2,000,000					2,000,000
Fire Department	2,000,000					2,000,000
Microwave Radio and Multiprotocol Label Switching (MPLS)	2,000,000					2,000,000
Clean Up	(11,022,611)	-	-	-	-	(11,022,611)
General Government/CARTA	(4,930,604)	-	-	-	-	(4,930,604)
Agency	1,069,396	-	-	-	-	1,069,396
Enterprise South Industrial Park (Clean-up)	1,020,619	-	-	-	-	1,020,619
ESIP Workforce Dev Center (Clean-up)	48,777	-	-	-	-	48,777
IDB	(6,000,000)	-	-	-	-	(6,000,000)
6.2 Local Infrastructure (Welcome Center) (Clean-up)	(6,000,000)	-	-	-	-	(6,000,000)
Economic and Community Development	-	-	-	-	-	-
Agency	1,400,000	-	-	-	-	1,400,000
Trust for Public Land (A.O.)	500,000	-	-	-	-	500,000
Health, Education and Housing Facilities Board (A.O.)	700,000	-	-	-	-	700,000
Chattanooga Neighborhood Enterprise (A.O.)	200,000	-	-	-	-	200,000
ECD	(1,400,000)	-	-	-	-	(1,400,000)
NS Cap-S. Chick Greenway - Cromwell Connector (FY18)	(500,000)	-	-	-	-	(500,000)
Affordable Housing Trust	(900,000)	-	-	-	-	(900,000)
Fire Department	-	-	-	-	-	-
Fire Department	-	-	-	-	-	-
City Wide Radio Equipment Lease Program (Clean-up)	-	-	-	-	-	-
Police Department	750,926	-	-	-	-	750,926
Police Department	750,926	-	-	-	-	750,926
Police Capital Projects	499,200	-	-	-	-	499,200
Motorola Portable Radios (Clean-up)	251,726	-	-	-	-	251,726
Public Works	(6,935,816)	-	-	-	-	(6,935,816)
Public Works	(6,935,816)	-	-	-	-	(6,935,816)
MPO-Old State Projects (Clean-up)	899,497	-	-	-	-	899,497
ESIP Hickory Valley-Bonny Oaks Intersection (Clean-up)	324,710	-	-	-	-	324,710
ESIP Traffic Intersection Study (Clean-up)	746,053	-	-	-	-	746,053
Playground Improvements (Clean-up)	19,073	-	-	-	-	19,073
Golf Cart Lease (Clean-up)	346,000	-	-	-	-	346,000
Volunteer Ordinance Connector (Clean-up)	(861,260)	-	-	-	-	(861,260)
ESIP Connector Road Extension (Clean-up)	(10,000,000)	-	-	-	-	(10,000,000)
21st Cent Cap - Parcels 8 & 9 (Clean-up)	1,590,111	-	-	-	-	1,590,111
Transportation	92,883	-	-	-	-	92,883
Transportation	92,883	-	-	-	-	92,883
Traffic Engineering Capital Equipment (Clean-up)	47,806	-	-	-	-	47,806
MLK Corridor Improvements (Clean-up)	9,977	-	-	-	-	9,977
Virginia Ave Greenway Traffic Calming (Clean-up)	35,100	-	-	-	-	35,100
Total All Funds	183,862,174	148,193,288	112,809,735	84,263,839	72,096,502	601,225,538

RESOLUTION NO. _____

A RESOLUTION EXPRESSING THE INTENT OF THE CITY OF CHATTANOOGA TO ISSUE BONDS IN THE AGGREGATE AMOUNT NOT TO EXCEED ELEVEN MILLION DOLLARS (\$11,000,000) OF THE CITY OF CHATTANOOGA, TENNESSEE FOR THE PURPOSE OF PAYING ALL OR A PORTION OF THE COSTS OF THE FOLLOWING: CITY FACILITIES CAPITAL IMPROVEMENTS AND/OR CAMPUS CONSOLIDATION, ESIP - FERDINAND PIECH WAY MODIFICATIONS, GREENWAY FARM CONFERENCE CENTER REPLACEMENT, 3RD / 4TH STREET, AIRPORT AREA ROAD IMPROVEMENTS, ALTON PARK RIVERWALK CONNECTOR, AREA 3 COMMERCIAL DISTRICT STREETScape IMPROVEMENTS, CENTRAL AVENUE, PATTEN PARKWAY, SIDEWALKS, SOMERVILLE CONNECTOR, TRANS STSC SIDEWALK - RIVERWALK EXTENSION, WOODMORE SRTS, BRIDGE MANAGEMENT & MAINTENANCE, ELDER MOUNTAIN ROAD SLOPE STABILIZATION AND ROADWAY IMPROVEMENTS, AND WILCOX BOULEVARD TUNNEL.

WHEREAS, Sections 9-21-101 to 9-21-1017, both inclusive, Tennessee Code Annotated, authorize municipalities in the State of Tennessee to issue bonds for public works projects; and

WHEREAS, Section 9-21-205 of said Code provides that before bonds may be issued the governing body of the municipality shall adopt a resolution known as the "INITIAL RESOLUTION" determining to issue such bonds:

NOW, THEREFORE,

BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF CHATTANOOGA, TENNESSEE, That pursuant to the provisions of Tennessee Code Annotated, referred to in preamble hereof, there be issued and sold Bonds in the aggregate amount not to exceed Eleven Million Dollars (\$11,000,000) of the City of Chattanooga, Tennessee for the purpose of paying all or a portion of the costs of City Facilities Capital Improvements and/or Campus Consolidation, ESIP - Ferdinand Piech Way modifications, Greenway Farm Conference Center Replacement, 3rd / 4th Street, Airport Area Road Improvements, Alton Park Riverwalk Connector, Area 3 Commercial District Streetscape Improvements, Central Avenue, Patten

Parkway, Sidewalks, Somerville Connector, Trans Stsc Sidewalk - Riverwalk Extension, Woodmore SRTS, Bridge Management & Maintenance, Elder Mountain Road Slope Stabilization and Roadway Improvements, and Wilcox Boulevard Tunnel. Said bonds shall bear interest at such rate or rates not to exceed the rate or rates prescribed by law payable semiannually and shall be payable exclusively from taxes and shall be issued at the time or times and bear date or dates and mature at such times as may hereafter be determined by resolution.

BE IT FURTHER RESOLVED, That this resolution also contemplates and authorizes the use of proceeds of any bonds hereafter issued by the City for the purpose described herein to be used to reimburse the City for any costs incurred on or after (a date sixty (60) days prior to adoption of this resolution) and, in addition, de minimis amounts incurred before that date and amounts not exceeding twenty percent percent (20%) of the adjusted issue price of the bonds which are expended for preliminary expenditures, within the meaning of Treasury Regulation Section 1.150-2, all of which costs are incurred or to be incurred with respect to projects referred to in this resolution.

ADOPTED: _____, 2019

Our mission is to break down the barriers that prevent people from living the lives they want in our community.



SAFER STREETS | GROWING ECONOMY | STRONGER NEIGHBORHOODS



HIGH PERFORMING GOVERNMENT | SMARTER STUDENTS, STRONGER FAMILIES

